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Borough of Southwark.

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ANNUAL REPORT
OF THE
Medical Officer of Health
FOR THE
YEAR 1934.

WILLIAM STOTT, M.B., B.S., D.P.H.,

Medical Officer of Health,

Administrative Tuberculosis Officer,

Administrative Officer for Maternity and Child Welfare.

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INDEX.

	A.	Page.
Acts and Bye-laws (Additional)	48, 49
Acute Influenzal Pneumonia	118
,, Primary Pneumonia	118
Additional Maternity Services	26
Ambulance Services	24
Ante-Natal Clinics	33
Area of Borough	5, 7
Agricultural Produce (Grading and Marking) Act	81
Artificial Cream Act, 1929	102
	B.	
Bacteriological Specimens	24, 96
Bakehouses	55, 101
Births	5, 7, 9
,, Illegitimate	5, 13
Birth-rates	5, 7, 8, 9
Black Smoke	49, 50
Blind Persons Act, 1920	119
Brushmakers	54, 55
Butter and Margarine Factories	102
Butchers' Shops	77, 80
	C.	
Cancer	12, 118
Census, 1931	6
Cerebro-spinal Fever	118
Chemical and Bacteriological Examinations	96
Children and Young Persons' Act	28, 29
Clinics	30-33
Common Lodging Houses	42, 43
Convalescent Treatment	27
Coroners' Court	59
Cowsheds	101
	D.	
Day Nurseries..	28
Deaths	5, 9, 10, 12
Deaths, Causes of, Table	12
,, Infants	13, 14
,, In Public Institutions	10, 12, 17
,, In Wards	9
,, Zymotic Mortality	20
Death Rates	5, 9, 10, 11, 15
Density of Population	7
Djarrhoea	117
Dinners for Expectant Mothers	27

	<i>Page</i>
Diphtheria	115, 116
,, Prevention	25, 116
,, Schick Test	115, 116
Disinfection	124
Disposal of Unsound Food	84-93
Dressmakers, Milliners, etc.	54, 55

E.

Eating Houses	55, 79
Encephalitis Lethargica	118
Enteric Fever	115

F.

Factories and Workshops	53, 55
Food and Drugs, Tables of Samples	105, 106, 107, 108, 109
,, ,, (Adulteration) Act, 1928	102
,, Inspection and Tables.. .. .	77-94

G.

General Hospitals	25
---------------------------	----

H.

Health Services, Hospitals, etc.	25
,, Visitors, Summary	36
,, Visiting	34, 35
House-to-House Inspections	41
Housing	63-73
Houses let in Lodgings	50
Home Workers, Table	54

I.

Ice Cream Premises	55, 77-79
Imported Food Regulations.. .. .	82, 83
Infant Life Protection	28, 29
,, Mortality	5, 9, 13, 14
,, ,, of Illegitimates	5
Infectious Diseases, Control of	113
Influenza	118
Informal Samples	109
Inhabited Dwellings	5
Inspections	45

L.

Laboratory Facilities	24
Laundries	53, 54
Legal Proceedings	46, 47, 103, 104
L.C.C. General Powers Act, 1928 (Sec. 28)	51

M.					Page
Maternity and Child Welfare	..	..	..	..	26-37
" Nursing Homes	..	..	..	..	26
Maternal Mortality	..	..	..	..	26, 27
Measles..	..	..	..	..	117
"Merchandise Marks" Act	..	..	..	..	81
Midwifery and Maternity Services	..	..	..	..	26
Milk and Dairies (Amendment) Act, 1922	..	..	..	..	95, 101
" " Order, 1926	..	..	..	..	102
" " (Special Designations) Order	..	..	..	..	96
Milksellers	..	..	..	..	95
Mortality Statistics	..	..	..	..	5, 9-20
Mortuary	..	..	..	..	59
Municipal Day Nursery	..	..	..	..	28

N.

Notices served	..	..	..	..	44
Notifiable Diseases	..	..	..	..	120
Notified Births	..	..	..	..	37
Nursing in the Home	..	..	..	..	24, 25

O.

Offensive Trades	..	..	..	..	101
Ophthalmia Neonatorum	..	..	..	..	119
Orthopaedic Clinics	..	..	..	..	29
Outlying Deaths	..	..	..	..	10

P.

Part-time Officers	..	..	..	..	23
Population	..	..	..	..	6
" in Wards	..	..	..	..	7
Poliomyelitis	..	..	..	..	118
Puerperal Fever	..	..	..	..	27
" Pyrexia	..	..	..	..	27
" Sepsis, Deaths	..	..	..	..	5, 27
Public Cleansing	..	..	..	..	42
" Health Officers	..	..	..	..	23, 24
" " (Condensed Milk) Regulations, 1923 and 1927	..	..	..	..	102
" " (Preservatives in Food) Regulations	..	..	..	..	83, 102
" " (Dried Milk) Regulations, 1923-7..	..	..	..	..	102
" Vaccinators	..	..	..	..	24

R.

Rag Flock Acts, 1911 and 1928	..	..	..	..	52
Rateable Value	..	..	..	..	5
Rats and Mice (Destruction) Act	..	..	..	..	56
Reception House, Families Admitted	..	..	..	..	122, 123
Registered Births and Deaths	..	..	..	..	16
" Workshops	..	..	..	..	53, 55

S.

	<i>Page</i>
Sale of Food and Drugs Acts	105
Scabies	58
Scarlet Fever	114, 115
Schick Test and Inoculation against Diphtheria	115, 116
Slaughterhouses	77
Smallpox	114
Smoke Abatement	49, 50
Southwark Invalid Kitchens Society	27
Sputum, Examinations of	24
Statistics and Social Conditions	5
" of Metropolitan Boroughs, 1933-34	141-151
Still Births	5, 37
Sunlight Treatment	27

T.

Tailoring	54, 55
Tuberculosis	125-138
Toddlers' Sessions	29

U.

Underground Bakehouses	55, 101
Unsound Food	84-93

V.

Vaccination Officers' Return	38
" Officers	24
Venereal Disease Clinics	25
Verminous Persons and Children	58
" Rooms and Bedding	57, 58
Vital Statistics, Summary of	5
" " Table	18, 19

W.

Ward Distribution	7
Water Supply (P.H. Act, Sec. 48) (L.C.C. G.P. Act, 1907)	52, 53
Whooping Cough	117
Workshops (Women's)	55
Works Completed	44, 45

Z.

Zymotic Mortality	20
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BOROUGH OF SOUTHWARK.

PUBLIC HEALTH DEPARTMENT,
TOWN HALL,
WALWORTH ROAD, S.E.17.

To His Worship the Mayor, Aldermen and Councillors.

SIR, LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for the year 1934, and in so doing I wish to place on record my appreciation of the support given to me by the Chairmen and Committees under whom I serve.

My best thanks are due to the Chief Officers of the Council and to the whole of the Staff of the Public Health Department for their loyal support and ever willing assistance.

I have the honour to be,

Sir, Ladies and Gentlemen,

Yours obediently,

W. STOTT.

SECTION A.

Statistics and Social Conditions of the Area.

SECTION A

Statistics and Social Conditions

of the Area

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	1,132
Population (estimated, 1934)	159,930
Number of inhabited houses (end of 1934) according to rate books	27,732
Rateable value	£1,346,047
Sum represented by penny rate	£5,272

SOCIAL CONDITIONS.

The population is chiefly a working-class one, and a large proportion are employed in the printing and manufacturing trades, whilst others are engaged as waterside labourers or casual workers.

The unemployment figures, according to the Board of Trade Gazette, show a slow but steady decrease, the latest figures being 6,942 males, 1,952 females and 231 juveniles, a total of 9,125, as against 9,170 last year.

VITAL STATISTICS.

	Total.	M.	F.	
Live Births—Legitimate	2,283	1,197	1,086	} Birth Rate, 14.9
Live Births—Illegitimate	108	56	52	
Still Births, 81.				Rate per 1,000 total births, 34
Deaths 2,160.				Death rate, 13.5
Deaths from Puerperal Causes:—				
				Rate per 1,000
				Deaths. (Live and
				Still Births).
From Puerperal causes	3			1.25
From other Puerperal causes	3			1.25
Death rate of infants under 1 year of age per 1,000 live births:—				
Legitimate	76			
Illegitimate	92			
Deaths from Measles (all ages)	65			
Do. Whooping Cough (all ages)	13			
Do. Diarrhoea (under 2 years of age)	39			

POPULATION.

According to the returns supplied by the Registrar-General, the population of this Borough has again been depleted by 4,770 persons. How far this figure is correct is difficult for one to say, but there is no doubt that many families have been removed from the Borough as a result of the Housing activities generally, including overcrowding and slum clearance. It is a matter of concern from the financial aspect, and I fear that there will be still further depletion during the next two or three years. I feel, however, that when the demolished areas are rebuilt and families re-housed, we shall see the population figure again rising; not to the same extent as it was some few years ago, but certainly on its present level. The population figures of all the Metropolitan Boroughs are at present in a state of fluxion.

The population of the several divisions of the Borough at each Census since 1851, and also the estimated population for 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1932, 1933 and 1934 are as follows:—

		Newington.		St. George's.		St. Saviour's and Christchurch.
1851	..	64,816	..	51,824	..	35,731
1861	..	82,157	..	55,510	..	36,169
1871	..	88,691	..	56,083	..	31,294
1881	..	107,831	..	58,652	..	31,628
1891	..	115,663	..	59,740	..	27,116
1901	..	121,863	..	60,998	..	23,319
1911	..	116,819	..	55,782	..	19,316
1921	..	114,987	..	52,114	..	17,303
1922	..	116,683	..	52,996	..	17,541
1923	..	117,200	..	52,690	..	17,574
1924	..	117,500	..	52,610	..	17,604
1925	..	118,300	..	52,980	..	17,720
1926	..	118,120	..	52,760	..	17,720
1927	..	115,500	..	51,650	..	17,100
1928	..	113,850	..	50,730	..	16,720
1929	..	112,350	..	49,900	..	16,250
1930	..	112,350	..	49,900	..	16,250
1931	..	107,692	..	48,552	..	15,451
1932	..	105,873	..	47,836	..	15,191
1933	..	103,240	..	46,646	..	14,814
1934	..	100,250	..	45,294	..	14,386

The Ward distribution was as follows:—

TABLE 1.

WARD.	Area in Acres.	Population.			Persons to the Acre.
		Males.	Females.	Total.	
St. Mary ..	127	10,311	10,265	20,576	162
St. Paul ..	133	8,223	8,546	16,769	126
St. Peter ..	146	11,499	12,184	23,683	162
St. John ..	118	12,267	13,123	25,390	215
Trinity ..	109	6,999	6,833	13,832	127
St. Michael ..	93	9,185	8,816	18,001	194
St. Jude ..	97	5,791	6,033	11,824	122
St. George ..	99	7,619	7,850	15,469	156
Christchurch ..	77	3,362	3,053	6,415	83
St. Saviour ..	133	3,661	4,310	7,971	60
Whole Borough	1,132	78,917	81,013	159,930	141

BIRTHS.

The number of Births registered in the Borough during 1934 was 1732, of which 922 were males, and 810 females. This represents a birth-rate of 10·8 per 1,000 inhabitants.

The number of births registered in the individual parishes was as follows:—Newington, 770; St. George the Martyr, 417; Christchurch and St. Saviour's, 545.

Of the 1,732 births registered in the Borough 322 were transferred away, the permanent residence of the parents being outside the Borough. 981 births occurring in various lying-in and other institutions outside the Borough, but belonging to Southwark parents, were notified to me by the Registrar-General. When the 322 "outward" transfers are deducted and the 981 "inward" transfers are added to the 1,732 births actually registered in the Borough, the net amount of births belonging to Southwark for the year is found to be 2,391. This gives a corrected birth-rate of 14·9.

TABLE 2.

Birth-rate for the last Thirty Years for the Three Divisions
of the Borough as formerly existed.

		Newington.	St. George's.	St. Saviour's and Christchurch.	Whole Borough.
1905	..	30.3	30.6	26.2	30.0
1906	..	29.0	30.5	25.2	29.1
1907	..	29.1	29.2	25.1	28.7
1908	..	28.7	28.6	23.2	28.1
1909	..	27.7	27.5	23.0	28.3
1910	..	28.2	28.1	24.3	27.8
1911	..	29.0	31.7	27.9	29.6
1912	..	29.0	30.7	28.0	29.4
1913	..	31.8	32.7	26.0	31.5
1914	..	29.7	31.4	25.5	29.7
1915	..	28.8	30.2	29.2	29.2
1916	..	28.4	27.1	24.4	27.6
1917	..	25.2	24.8	20.2	24.6
1918	..	21.8	21.0	18.4	21.3
1919	..	24.1	23.6	16.8	23.2
1920	..	32.1	32.2	28.5	31.8
1921	..	27.7	28.7	21.3	27.3
1922	..	24.0	25.5	24.3	24.4
1923	..	23.9	25.4	23.7	24.3
1924	..	22.0	23.6	22.4	22.5
1925	..	20.1	23.9	21.1	21.2
1926	..	19.9	21.6	18.1	20.2
1927	..	18.6	20.6	17.4	19.0
1928	..	18.0	21.1	19.4	19.2
1929	..	17.4	20.1	17.1	18.1
1930	..	16.0	18.6	16.4	16.8
1931	..	16.2	18.8	16.5	16.9
1932	..	15.3	17.7	16.9	16.2
1933	..	13.8	14.6	15.5	14.2
1934	..	14.5	15.6	16.2	14.9

TABLE 3.

Number of Births and Deaths belonging to each Ward, with the Birth and Death Rates, also the Infantile Mortality Rate, 1934.

WARD.	BIRTHS.				Infantile Mortality.	DEATHS.			
	Males.	Females.	Total.	Birth-rate.		Males.	Females.	Total.	Death-rate.
St. Mary	148	169	317	15·4	73	168	112	280	13·6
St. Paul	139	97	236	14·1	59	107	117	224	13·4
St. Peter	175	146	321	13·6	65	148	164	312	13·2
St. John	188	179	367	14·5	54	167	150	317	12·5
Trinity	110	100	210	15·2	57	91	70	161	11·6
St. Michael	143	108	251	13·9	112	163	110	273	15·2
St. Jude	95	104	199	16·8	121	94	95	189	16·0
St. George	133	124	257	16·6	101	116	83	199	12·9
Christchurch	59	48	107	16·7	75	55	53	108	16·8
St. Saviour	63	63	126	15·8	63	51	46	97	12·2
Borough	1253	1138	2391	14·9	77	1160	1000	2160	13·5

DEATHS.

1,634 deaths were registered in the sub-districts of the Borough during 1934.

28 Southwark residents died in the street, or on the way to hospital.

1,033 deaths occurred in Public Assistance Institutions, the various hospitals, and other public places for the treatment of the sick found within our boundaries. These deaths in institutions comprised 321 belonging to Southwark and 712 to other sanitary districts.

The number of inhabitants belonging to the Borough dying away from home—that is, outside our boundaries in the various hospitals and infirmaries—was 1,238.

When the 712 deaths of those persons who were non-parishioners, but who died in our Borough, have been deducted, and the 1,238 “out-lying” deaths added, the actual or “corrected” number of deaths belonging to the sanitary area is found to be 2,160, of which number 1,160 were males and 1,000 females.

The death-rate, when calculated on this “corrected” number, is 13·5 per 1,000 inhabitants for the whole Borough for the year 1934, as against a rate of 13·9 for 1933.

The percentage of persons dying away from Southwark in relation to the total number of deaths belonging to the Borough was 57·3.

The principal localities in which the “outlying” deaths occurred are as follows:—

Lambeth Hospital	..	..	..	..	..	325
St. Giles' Hospital	..	..	..	..	..	205
Rotherhithe Hospital	..	..	..	..	..	138
East Dulwich Hospital	..	..	..	..	..	71
St. Thomas's Hospital	..	..	..	..	..	51
King's College Hospital	..	..	..	..	..	7
Belgrave Hospital	..	..	..	..	..	6
Royal Waterloo Hospital	..	..	..	..	..	17
General Lying-in Hospital	..	..	..	..	..	14
Mental Hospitals	..	..	..	..	..	85
In the Street and other Institutions	..	..	..	..	..	319
						<hr/>
						1,238
						<hr/>

TABLE 4.

Death Rates for the last Thirty Years for the Three
Divisions of the Borough as formerly existed.

		Newington.	St. George's.	Christchurch and St. Saviour's.	Whole Borough.
1905	..	17.9	19.2	18.7	18.5
1906	..	17.8	18.5	17.5	18.0
1907	..	17.6	19.3	16.4	18.0
1908	..	16.1	17.2	14.3	16.3
1909	..	15.8	18.6	16.6	16.7
1910	..	15.9	15.6	16.5	15.9
1911	..	17.3	19.7	21.1	18.4
1912	..	15.8	18.5	17.4	16.8
1913	..	16.5	20.0	20.2	17.9
1914	..	16.5	19.6	20.7	17.8
1915	..	19.3	23.4	22.0	20.8
1916	..	16.5	18.4	17.3	17.1
1917	..	17.9	19.5	17.9	18.3
1918	..	22.9	23.7	23.1	23.2
1919	..	14.6	16.1	15.5	15.1
1920	..	14.4	14.6	12.9	14.4
1921	..	14.3	14.6	13.1	14.3
1922	..	15.2	16.1	15.4	15.5
1923	..	12.2	13.6	13.7	12.8
1924	..	13.5	15.3	15.1	14.2
1925	..	12.4	13.8	15.5	13.1
1926	..	12.3	13.3	14.1	12.7
1927	..	13.0	14.3	13.3	13.4
1928	..	12.3	13.4	13.8	12.7
1929	..	15.1	16.5	16.2	15.6
1930	..	12.6	12.8	11.2	12.5
1931	..	13.7	14.5	15.6	14.0
1932	..	13.2	12.9	13.6	13.1
1933	..	14.1	13.4	14.4	13.9
1934	..	12.9	14.6	14.2	13.5

TABLE 5.

Deaths belonging to the Sanitary Area, with the Causes of Death at all Ages during 1934.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.													Institutions.
	All Ages.	0.	1.	2.	5.	15.	25.	35.	45.	55.	65.	75.		
All causes	2160	—	—	—	—	—	—	—	—	—	—	—	—	—
1. Typhoid and Paratyphoid Fevers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Measles	65	11	29	24	1	—	—	—	—	—	—	—	—	1
3. Scarlet Fever	5	1	1	1	2	—	—	—	—	—	—	—	—	—
4. Whooping Cough	13	4	4	3	2	—	—	—	—	—	—	—	—	—
5. Diphtheria	21	—	2	4	13	2	—	—	—	—	—	—	—	4
6. Influenza	24	—	—	—	—	2	1	3	4	5	6	3	3	3
7. Encephalitis Lethargica ..	2	—	1	—	—	—	—	—	1	—	—	—	—	1
8. Cerebro-Spinal Fever ..	5	4	1	—	—	—	—	—	—	—	—	—	—	9
9. Tuberculosis of Respiratory System	142	—	—	—	8	21	36	23	27	17	9	1	10	—
10. Other Tuberculous Diseases	18	3	2	2	1	5	—	1	3	—	1	—	18	—
11. Syphilis	9	—	—	—	1	—	—	1	2	1	4	—	—	—
12. Gen. Paralysis of Insane, Tabes Dorsalis	15	—	—	—	—	—	1	3	6	4	1	—	—	—
13. Cancer, Malignant Disease	269	—	1	1	—	—	6	14	48	87	72	40	156	—
14. Diabetes	27	—	—	—	—	—	—	1	4	4	12	6	6	—
15. Cerebral Haemorrhage etc.	74	—	—	—	—	—	2	1	6	9	35	21	30	—
16. Heart Disease	582	—	—	1	5	7	13	11	35	92	174	244	223	—
17. Aneurysm	18	—	—	—	—	—	—	—	8	5	5	—	9	—
18. Other Circulatory Diseases	71	—	—	—	—	—	—	—	3	18	28	22	36	—
19. Bronchitis	71	2	2	1	—	—	1	2	6	14	21	22	46	—
20. Pneumonia (all forms) ..	195	49	19	7	1	5	7	8	20	30	26	23	100	—
21. Other Respiratory Diseases	12	—	—	—	—	—	—	1	3	6	2	—	1	—
22. Peptic Ulcer	23	—	—	—	—	—	2	1	4	9	4	3	17	—
23. Diarrhoea, etc.	40	37	2	—	—	—	—	—	1	—	—	—	41	—
24. Appendicitis	7	—	—	—	3	1	—	1	—	1	—	1	7	—
25. Cirrhosis of Liver	5	—	—	—	—	—	1	1	2	1	—	—	3	—
26. Other Diseases of Liver ..	11	—	—	—	—	1	—	1	3	3	2	1	1	—
27. Other Digestive Diseases..	35	4	1	—	2	1	2	2	7	4	6	6	—	—
28. Acute and Chronic Nephritis	83	—	—	—	2	3	3	2	9	24	21	19	73	—
29. Puerperal Sepsis	3	—	—	—	—	—	2	1	—	—	—	—	2	—
30. Other Puerperal Causes ..	3	—	—	—	—	—	1	2	—	—	—	—	—	—
31. Congenital Debility and Malformation, including Premature Birth, etc. ..	62	60	1	—	1	—	—	—	—	—	—	—	42	—
32. Senility	11	—	—	—	—	—	—	—	—	—	5	6	2	—
33. Suicide	23	—	—	—	—	1	3	8	1	8	1	1	6	—
34. Other Violence	63	3	—	3	7	7	2	1	3	6	18	13	50	—
35. Other Defined Diseases ..	152	6	1	3	9	8	3	19	23	30	29	21	136	—
36. Small-pox	1	—	—	—	—	1	—	—	—	—	—	—	—	—
Totals	2160	184	67	50	58	65	86	108	229	378	482	453	1033	—

TABLE 6.
BOROUGH OF SOUTHWARK.
INFANT MORTALITY, 1934.

Nett Deaths from stated causes at various ages under 1 Year of age.

CAUSE OF DEATH.	Under 1 week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	4 weeks and under 3 Months	3 Months and under 6	6 Months and under 9	9 Months and under 12.	Total Deaths under 1 Year.
All causes	45	4	3	2	54	41	37	29	23	184
Measles	—	—	—	—	—	—	1	4	6	11
Diphtheria	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	2	2	—	—	4
Diarrhoea	—	—	—	—	—	6	3	3	1	13
Enteritis	—	—	—	—	—	8	7	5	4	24
Influenza	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever	—	—	—	—	—	—	3	1	—	4
Scarlet Fever	—	—	—	—	—	—	—	1	—	1
Phthisis	—	—	—	—	—	—	—	—	—	—
Other Tuberculosis	—	—	—	—	—	1	1	—	1	3
Congenital Malformations	16	2	—	1	19	5	3	2	—	29
Premature Birth	26	1	—	—	27	—	—	—	—	27
Atrophy, Debility and Marasmus	—	—	1	—	1	1	2	—	—	4
Atelectasis	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	1	—	—	—	1
Syphilis	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
Meningitis	—	—	—	—	—	—	—	1	—	1
Laryngitis	—	—	—	—	—	—	—	—	—	—
Convulsions	1	—	—	—	1	—	—	—	—	1
Gastritis	—	—	—	1	1	—	1	1	1	4
Intussusception	—	—	—	—	—	—	—	—	—	—
Dentition	—	—	—	—	—	—	—	—	—	—
Dermatitis	1	—	—	—	1	—	—	—	—	1
Bronchitis	—	—	—	—	—	2	—	—	—	2
Pneumonia	—	—	—	—	—	—	1	—	—	1
Broncho-Pneumonia	—	1	2	—	3	13	11	10	9	46
Lobar-Pneumonia	—	—	—	—	—	1	—	—	1	2
Suffocation (overlying)	—	—	—	—	—	—	—	—	—	—
Accident (other)	1	—	—	—	1	—	1	—	—	2
Nephritis, Acute	—	—	—	—	—	—	—	—	—	—
Icterus Neonatorum	—	—	—	—	—	—	—	—	—	—
Septic Pyaemia	—	—	—	—	—	—	—	—	—	—
Otitis and Mastoiditis	—	—	—	—	—	—	—	—	—	—
Other Causes	—	—	—	—	—	1	1	1	—	3
Not classified above	—	—	—	—	—	—	—	—	—	—
	45	4	3	2	54	41	37	29	23	184

Nett Births in the year	Legitimate	2283
	Illegitimate	108
Nett Deaths in the year	Legitimate Infants	174
	Illegitimate Infants	10

TABLE 7.

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

The deaths of Infants under one year of age to 1,000 births were 77 during the year 1934.

The deaths under one year of age to 1,000 births for the last thirty years were as follows:—

1905	..	148	1920	..	86
1906	..	144	1921	..	90
1907	..	142	1922	..	79
1908	..	131	1923	..	68
1909	..	119	1924	..	71
1910	..	115	1925	..	77
1911	..	145	1926	..	70
1912	..	105	1927	..	61
1913	..	115	1928	..	70
1914	..	123	1929	..	81
1915	..	132	1930	..	57
1916	..	98	1931	..	61
1917	..	111	1932	..	72
1918	..	124	1933	..	63
1919	..	95	1934	..	77

The average Infantile death rate for the last thirty years is 97.

TABLE 8.

Death Rates for the various Districts for the last Ten Years (1924-1931) and 1932, 1933, 1934.

WARD.	1924.	1925.	1926.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.
St. Mary	14.4	12.8	12.2	13.5	13.7	16.2	13.6	16.4	14.0	14.7	13.6
St. Paul	14.5	12.7	12.0	12.7	11.8	15.9	11.6	14.2	12.5	14.7	13.4
St. Peter	12.0	11.9	12.3	10.8	9.1	12.3	10.1	11.0	12.6	13.3	13.2
St. John	14.0	13.8	13.0	13.6	13.4	17.1	14.4	11.7	13.4	12.8	12.5
Trinity	14.8	11.7	13.4	16.1	13.3	14.9	13.8	13.9	13.3	16.5	11.6
All Saints	11.8	11.2	10.9	11.6	11.5	13.8	11.7	14.5	—	—	—
St. Michael	16.7	15.6	14.2	14.6	14.7	17.2	13.7	15.5	15.0	14.2	15.2
St. Jude	15.4	12.9	12.6	16.1	13.4	18.2	13.1	15.3	12.7	14.8	16.0
St. George	13.5	12.4	12.9	12.6	11.8	14.5	11.5	12.4	10.7	11.4	12.9
Christchurch	19.2	18.2	16.6	13.3	16.5	17.5	13.4	18.0	17.7	15.7	16.8
St. Saviour	11.3	12.9	11.8	13.2	11.4	15.0	9.2	12.6	10.2	13.4	12.2

TABLE 9.

Births and Deaths Registered in the Sub-Districts of the Borough in 1934.

First Quarter.					Second Quarter.				
SUB-DISTRICTS.	Births.		Deaths.		SUB-DISTRICTS.	Births.		Deaths.	
	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.
Newington	64	68	124	149	Newington	113	99	71	86
St. George the Martyr, West ..	34	38	50	43	St. George the Martyr, West ..	54	51	39	24
Christchurch and St. Saviour ..	39	42	131	65	Christchurch and St. Saviour ..	87	56	109	46
Totals	137	148	305	257	Totals	254	206	219	156
Third Quarter.					Fourth Quarter.				
Newington	97	80	53	50	Newington	121	128	84	82
St. George the Martyr, West ..	63	37	28	27	St. George the Martyr, West ..	76	64	31	33
Christchurch and St. Saviour ..	72	68	93	60	Christchurch and St. Saviour ..	102	79	87	69
Totals	232	185	174	137	Totals	299	271	202	184
					Births.		Deaths.		
					M.	F.	M.	F.	
In 1st Quarter .. .. .	..	..	..	..	137	148	305	257	
In 2nd Quarter .. .. .	..	..	..	..	254	206	219	156	
In 3rd Quarter .. .. .	..	..	..	..	232	185	174	137	
In 4th Quarter .. .. .	..	..	..	..	299	271	202	184	
Totals .. .. .	..	..	..	..	922	810	900	734	

TABLE 10.

Showing the number of Deaths that occurred in Public
Institutions in the Borough during the year 1934.

Institution.	In 1st Quarter.	In 2nd Quarter.	In 3rd Quarter.	In 4th Quarter.	During Year.
Newington Institution ..	123	72	52	56	303
Christchurch do. ..	1	—	—	—	1
Evelina Hospital	17	14	16	11	58
Guy's Hospital	171	143	147	134	595
60, Lambeth Road (Catholic Nursing Home)	—	—	1	1	2
Royal Eye Hospital ..	—	—	—	—	—
All Saints' Hospital ..	10	10	8	8	36
Other Addresses	10	13	8	7	38
Total	332	252	232	217	1033

TABLE

Vital Statistics of Separate Localities (1922-1934).

NAMES OF LOCALITIES.	1. ST. MARY'S WARD.				2. ST. PAUL'S WARD.				3. ST. PETER'S WARD.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1922 ..	22,882	448	366	47	19,362	386	302	27	17,370	408	239	35
1923 ..	22,934	524	335	41	19,429	408	237	23	17,458	375	175	18
1924 ..	22,992	461	330	31	19,479	396	282	34	17,502	326	210	29
1925 ..	23,154	440	298	35	19,561	363	248	21	17,619	329	210	27
1926 ..	23,119	417	283	34	19,532	399	235	30	17,592	308	217	14
1927 ..	22,598	373	304	25	19,100	360	243	18	17,204	272	186	20
1928 ..	22,274	427	305	24	18,827	276	223	21	16,960	259	166	19
1929 ..	21,981	347	357	18	18,579	330	295	18	16,736	297	206	26
1930 ..	21,981	327	300	19	18,579	285	216	16	16,736	247	169	11
1931 ..	21,677	350	355	22	18,353	309	261	16	16,714	230	184	12
1932 ..	21,730	347	304	22	17,709	236	221	16	25,016	360	316	26
1933 ..	21,190	284	311	26	17,269	229	254	11	24,389	287	325	12
1934 ..	20,576	317	280	23	16,769	236	224	14	23,683	321	312	21

NAMES OF LOCALITIES.	7. ST. MICHAEL'S WARD.				8. ST. JUDE'S WARD.				9. ST. GEORGE'S WARD.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1922 ..	20,795	517	362	40	14,012	273	215	27	18,189	562	275	40
1923 ..	20,683	522	293	47	13,939	341	199	23	18,068	476	224	36
1924 ..	20,644	442	345	42	13,912	342	214	19	18,045	458	244	31
1925 ..	20,788	468	324	44	14,018	334	181	18	18,174	463	227	34
1926 ..	20,702	425	294	39	13,961	311	176	25	18,097	405	234	34
1927 ..	20,264	434	295	20	13,666	265	220	23	17,720	364	223	28
1928 ..	19,903	404	292	28	13,523	290	181	21	17,304	410	205	13
1929 ..	19,577	338	337	33	13,302	279	242	28	17,021	386	246	30
1930 ..	19,577	366	268	24	13,302	246	174	17	17,021	316	195	17
1931 ..	19,385	317	300	20	12,796	272	196	17	16,747	330	207	20
1932 ..	19,012	313	286	29	12,487	207	158	24	16,337	327	175	21
1933 ..	18,538	268	264	17	12,177	174	180	19	15,931	239	181	12
1934 ..	18,001	251	273	28	11,824	199	189	24	15,469	257	199	26

11.

BOROUGH OF SOUTHWARK.

4. ST. JOHN'S WARD.				5. TRINITY WARD.				6. ALL SAINTS' DISTRICT.			
Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
19,218	554	317	49	16,315	456	275	35	21,536	546	275	31
19,314	513	247	37	16,409	449	215	31	21,656	534	225	32
19,364	498	271	31	16,451	418	243	26	21,712	485	256	33
19,538	451	269	46	16,566	354	194	26	21,862	441	244	30
19,509	446	253	20	16,451	358	222	15	21,827	420	239	33
19,077	424	259	18	16,174	337	261	12	21,347	381	247	31
18,806	414	252	35	15,942	302	212	19	21,041	370	243	23
18,559	378	317	36	15,732	288	235	19	20,763	315	287	29
18,559	371	268	21	15,732	280	217	18	20,763	292	243	16
19,112	344	223	20	15,352	243	213	16	17,223	277	256	17
26,810	429	359	23	14,608	253	194	18	..	..	..	..
26,147	406	334	19	14,245	214	235	15	..	..	..	..
25,390	367	317	20	13,832	210	161	12	..	..	..	..

10. CHRISTCHURCH WARD.				11. ST. SAVIOUR'S WARD.							
Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
8,389	184	150	9	9,152	242	119	23	..	..	..	..
8,401	217	134	14	9,173	199	107	10	..	..	..	..
8,424	207	162	13	9,180	187	104	14	..	..	..	..
8,478	197	154	15	9,242	177	119	13	..	..	..	..
8,480	170	141	13	9,240	151	109	8	..	..	..	..
8,183	155	109	8	8,917	143	118	12	..	..	..	..
8,000	152	132	15	8,720	172	99	7	..	..	..	..
7,775	150	136	16	8,475	128	127	10	..	..	..	..
7,775	119	104	5	8,475	148	78	8	..	..	..	..
6,943	125	125	9	8,598	131	108	10	..	..	..	..
6,774	127	120	10	8,417	130	86	8	..	..	..	..
6,606	114	104	8	8,208	116	110	8	..	..	..	..
6,415	107	108	8	7,971	126	97	8	..	..	..	..

TABLE 12.

Deaths in the Sanitary Area from the principal Zymotic Diseases in the various Wards for 1934.

WARD OR DISTRICT.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.
St. Mary	—	9	—	1	1	—	4
St. Paul	—	1	1	1	—	—	3
St. Peter	1	7	—	5	3	—	2
St. John	—	13	1	2	4	—	5
Trinity	—	3	—	3	—	—	2
St. Michael	—	8	—	3	1	—	12
St. Jude	—	7	2	1	1	—	4
St. George	—	15	—	2	1	—	6
Christchurch	—	1	1	2	—	—	1
St. Saviour	—	1	—	1	2	—	—
Borough	1	65	5	21	13	—	39

TABLE 13.

ZYMOTIC MORTALITY FOR THE SANITARY AREA, 1934.
Showing the localities where the deaths occurred.

LOCALITY.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.
The Borough	—	12	—	—	4	—	1
East Dulwich Hospital ..	—	—	—	—	—	—	1
Lambeth Hospital	—	1	1	—	—	—	1
Newington Institution ..	—	—	—	—	—	—	—
Evelina Hospital	—	—	—	—	—	—	12
Guy's Hospital	—	1	—	2	—	—	5
St. Thomas's Hospital ..	—	—	—	—	—	—	—
Belgrave Hospital	—	—	—	—	—	—	3
Royal Waterloo	—	—	—	1	—	—	4
L.C.C. Hospitals, etc. ..	1	51	4	18	9	—	12
TOTAL	1	65	5	21	13	—	39

SECTION B.

General Provision of Health Services for the Area.

SECTION II

General Provision of Health Services

for the Area

PUBLIC HEALTH OFFICERS TO WHOSE SALARY CONTRIBUTION IS MADE.

William Stott, M.B., B.S. (Hnrs.), D.P.H., Medical Officer of Health.

E. Fairfield Thomas, M.D., Ch.B., D.P.H., Deputy Medical Officer of Health.

Margaret Bergin, M.B., B.Ch., B.A.O. (N.U.I.), D.P.H., Assistant Medical Officer, Maternity and Child Welfare.

John T. Crowe, L.S.A., L.M.S.S.A., Tuberculosis Officer.

SANITARY INSPECTORS.

† || G. Fisher (Senior Inspector).	† || H. S. Steele.
* † || J. C. Nicholson (Food and Drugs Inspector).	† || F. J. Bryant.
† || J. A. Syms.	† || F. Mayhew.
† || A. C. White.	† || S. Bowers (Food Inspector).
† || W. H. Banham.	† || G. H. Duffield (Food Inspector).
† || A. Ede.	† || W. Richards
† || H. E. Hattersley.	|| Margaret Burrows (Women's Workshops).
|| J. R. Findley.	

|| Cert. Sanitary Inspector.

‡ Meat and other Foods.

* 1st Class Engineer (Board of Trade).

HEALTH VISITORS.

|| a Annie Rogers.	† a Mary George.
†* a Clare Cottrill.	†* a Annie Kingsmill.
* a Winifred Sayer.	||* a Winifred Cleverley (Resigned March 24th, 1934).
||* a Kathleen Hinde.	†* a Florence Mary Mason (Appointed March 28th, 1934).
* a Florence Adair.	
†* a Mary Freeth.	

α Cert. Health Visitor. || Cert. Sanitary Inspector. * C.M.B. † Nursing.

(1 Storekeeper; 1 Home Help.)

PART TIME OFFICERS.

Dorothy Shepherd, M.B., Ch.B., Maternity and Child Welfare Clinic.

Arabella C. Stevens, M.B., B.Ch., B.A.O. do. do.

Fredk. Porter-Smith, M.R.C.S., L.R.C.P., Schick Immunisation Clinic.

PUBLIC VACCINATORS.

P. O'Malley, M.B., B.Ch., B.A.O., N.U.I.

G. G. Lawson, M.B., Ch.B., D.P.H.

D. M. Clune, M.B., B.Ch., B.A.O., N.U.I.

A. M. Foxe, M.B., B.Ch., B.A.O., N.U.I.

VACCINATION OFFICERS.

E. J. A. Holt.

C. R. Fifer.

OTHER OFFICERS.

Cyril Dickinson, B.Sc., F.I.C., F.C.S. (Public Analyst).

TUBERCULOSIS DISPENSARY.

Secretary and Dispenser, Florence Nightingale (Certificate of Apothecaries Society, London).

NURSES.

M. E. Bennett, Cert. of Sanitary Institute, S.R.N.

F. C. Rogers, C.M.B., S.R.N.

F. K. Jay, C.M.B., S.R.N. (Died February 13th, 1934).

E. Plummer, C.M.B., S.R.N., Certified Health Visitor. (Appointed June 19, 1934.)

GENERAL PROVISION OF HEALTH SERVICES.

(A) LABORATORY FACILITIES.—The Chemical and Bacteriological Laboratories are maintained by the Council under the direct control of the Public Analyst, who is a full-time officer. Chemical analyses are undertaken of all samples submitted under the Food and Drug Acts and Regulations, together with any other analytical work or investigations required.

Bacteriological examinations of Sputa for Tubercle, Swabs for Diphtheria and Blood for the Widal reaction for Typhoid are made for Medical Practitioners in the Borough and for the Tuberculosis Dispensary.

(B) AMBULANCE FACILITIES.—The arrangements for the removal of (a) infectious cases and (b) maternity patients are satisfactory. No change has been made during the year.

(C) NURSING IN THE HOME.—General Nursing is carried out by the Ranyard Nurses, the Benson Nursing Association (which is subsidised

by the Newington Charities to the extent of £400 per annum) and the Catholic Nursing Home, 60, Lambeth Road. A few parishes also have their own private nurses.

Infectious diseases are not nursed in their own homes, but cases of puerperal pyrexia are nursed at home, if necessary, by arrangement with one of the aforesaid Associations.

TREATMENT CLINICS.

DIPHTHERIA PREVENTION CLINIC.—

Sutherland House. Thursday, 2.0—4.0 p.m.

(Dr. F. Porter-Smith.)

(A detailed report will be found on page 116.)

VENEREAL DISEASE CLINICS.—

Guy's Hospital. Daily. 9.0 a.m.—8.0 p.m.

St. Thomas's Hospital. Daily. 8.0 a.m.—10.0 p.m.

King's College Hospital. Monday to Friday.

ULTRA-VIOLET RAY CLINIC.—

Guy's Hospital. Daily.

HOSPITALS.

The Borough is fortunately situated as regards hospital accommodation of all descriptions. Hospitals for infectious diseases and tuberculosis cases are provided by the London County Council.

No change in these services has been made since my last report.

The following General Hospitals are within the area :—

Guy's Hospital.

Evelina Hospital for Children.

Royal Eye Hospital.

All Saints' Hospital.

Hospital for Diseases of the Skin.

The Hospitals available, but close to the borders of the Borough, are :—

St. Thomas's Hospital.

King's College Hospital.

Royal Waterloo Hospital.

General Lying-In Hospital, York Road.

Belgrave Hospital for Children.

MATERNAL AND CHILD WELFARE SERVICES.

The work of the Maternity Centres on the whole has been very satisfactory throughout the year, the attendances being well maintained. The number of children from two years of age upwards, however, still falls short of what it should be, and every encouragement should be given to mothers to bring their children periodically for examination.

The general unsatisfactory condition of the Centres has been a matter of concern for some considerable time. Suitable sites have been sought in vain. The Slum Clearance campaign has, however, solved the difficulty, and the Council has decided, either itself or through the County Council, to earmark suitable sites for the construction of modern Centres.

Sterilised maternity outfits are obtainable at the Centres at reduced prices, and a home help is provided to assist mothers when necessary.

There are no Municipal Maternity and Nursing Homes in the Borough.

The number of midwives practising in the Borough is approximately 38.

ADDITIONAL MATERNITY SERVICES.

Following receipt of Circular 1433, the Council has now, in accordance with the Ministry of Health's suggestions, further augmented their Maternity services by the addition of the following:—

- (1) Skilled nursing for patients confined at home.
- (2) Provision of Consultants to aid Medical Practitioners in complicated cases of midwifery.
- (3) Provision of Maternity beds.
- (4) Nursing of children under five. (Measles, whooping cough, influenza, pneumonia, diarrhoea, etc.)

These services will function as from April 1st, 1935.

INFANT MORTALITY.

The Infant Mortality rate of 77 shows a considerable increase on that of the previous year. This increase is due entirely to the severe Measles epidemic experienced in the early part of the year. The number of deaths due directly or indirectly to this disease was 57, as compared with 19 during 1933.

MATERNAL MORTALITY.

There were 6 maternal deaths during 1934; 3 as a result of Puerperal Fever, and 3 from other causes, as indicated in the tables on the next page.

The total mortality rate was therefore 2.50, as compared with 4.41 for the country as a whole.

Of these 6 deaths, 2 were unavoidable. Of the remaining 4, 3 mothers could have been saved and 1 was definitely caused by illegal interference.

Whilst, therefore, the Maternity Mortality figure is low, it is not impossible to reduce it by a further 50 per cent.

The maternal mortality rates are as follows:—

		Puerperal Fever.	Others.	Total.
England and Wales—				
Per 1000 Live Births	..	2.03	2.57	4.60
Per 1000 Total Births	..	1.95	2.46	4.41
The Borough—				
Per 1000 Live Births	..	1.30	1.30	2.60
Per 1000 Total Births	..	1.25	1.25	2.50

PUERPERAL FEVER AND PUERPERAL PYREXIA.

Six cases of Puerperal Fever and 19 cases of Puerperal Pyrexia were notified during the year, as against 12 and 26 respectively for 1933.

Five cases of the former disease were sent to hospital, and 15 of the latter. There were 3 deaths from Puerperal Fever.

ARTIFICIAL LIGHT TREATMENT.

The arrangement with Guy's Hospital whereby Ultra Violet Rays are applied to ailing and delicate children is still carried on, and during the year 69 cases were sent for treatment.

Many of the children have derived benefit, and this service is of undoubted use, and worthy of continuance.

CONVALESCENT TREATMENT.

The arrangement between the Borough Council and the Invalid Children's Aid Association is still being carried on, and 46 children under five years of age were sent away in order to restore them to better health.

DINNERS FOR NECESSITOUS MOTHERS.

Dinner coupons were given to necessitous expectant and nursing mothers, who were referred to the Southwark Invalid Kitchen, at a cost to the Council of £8 18s. 6d. for the year.

DAY NURSERIES.

There are three Day Nurseries in the Borough.

One is Municipal, and is situated at Sutherland House, Sutherland Square. The nursery accommodates 20 to 25 children and is supervised by a Committee of Nursery Managers.

The number of attendances during the year was 4,192.

Guy's Hospital have in connection with their Maternity Scheme a Day Nursery which is used by children from Southwark and Bermondsey, and has accommodation for 40 children.

The number of attendances during the year was 7,143.

Crossways Mission, New Kent Road, has a Day Nursery accommodating 46 children.

The number of attendances during the year was 5,949.

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

Cases coming to the knowledge of the Medical Officer of Health are referred to the Southwark Diocesan Society, to which the Council have this year made a grant of £50.

HEALTH VISITORS.

During the year Miss Winifred Cleverley resigned and Miss Florence Mary Mason was appointed in her stead.

INFANT LIFE PROTECTION.

Hereunder will be found the number of foster mothers and foster children in the Borough, together with the work in connection therewith.

Number of persons on the Register who were receiving children for reward at the end of the year	..	..	..	..	32
Number of children on the Register	..	..	..	..	47

Number of Infant Protection Visitors at the end of the year
who were:—

Health Visitors	9
Female, other than Health Visitors	1
Male	2

Number of visits made by Infant Protection Visitors to the
homes of foster mothers during the year 839

No proceedings were taken during the year.

ORTHOPAEDIC TREATMENT.

This is undertaken by the London County Council and the General Hospitals in the Borough.

Children attending the Welfare Centres needing attention are referred by the Medical Officer in charge to the various hospitals for treatment.

TODDLERS' SESSIONS.

There were three Toddlers' Sessions held at St. George's Infant Welfare Centre during 1934—viz., March 12th, July 2nd, and October 29th.

Only 11 attended on March 12th, but 20 came on July 2nd, 10 of whom do not attend at other times, and 25 on October 29th, 9 of whom do not attend at other times. This increase was thought to be due to typed notices sent round by post to the mothers during the week previous to the Session.

In her last report the Doctor said that the progress of the Toddlers on the whole was satisfactory as regards development and weight; several were recommended for removal of tonsils and adenoids, and many were put on malt and oil for the winter on account of malnutrition and tendency to rickets. This supervision of Toddlers appeared very necessary in most cases, even for those who came more or less regularly to the Centre, because they do not get the thorough examination which they get on Toddlers' Days.

MATERNITY AND CHILD WELFARE CENTRES.

Assistant Medical Officer of Health

(Maternity and Child Welfare) .. Dr. MARGARET BERGIN.

(14 CENTRES.)

1A CENTRE (Voluntary).

St. John's Institute, Larcom Street.

District served by Centre	..	St. John's Ward.
Sessions held every Wednesday		
and Thursday	.. ..	2—4.0.
Medical Officers	.. ..	Dr. E. M. Saxton and
		Dr. M. O. Cruickshank.
Superintendent	.. ..	Miss Kaye.

1B CENTRE (Municipal).

Sutherland House, Sutherland Square.

District served by Centre	..	St. Mary's Ward.
Sessions held every Tuesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. Dorothy Shepherd.
Health Visitor	.. ..	Mrs. Kingsmill.

2A CENTRE (Municipal).

Sutherland House, Sutherland Square.

District served by Centre	..	St. Paul's Ward.
Sessions held every Wednesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. Dorothy Shepherd.
Health Visitor	.. ..	Miss W. Sayer.

2B CENTRE (Municipal).

Working Boys' Club, Villa Street.

District served by Centre	..	St. Peter's District.
Sessions held every Wednesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. Margaret Bergin.
Health Visitors	.. ..	Miss W. F. Cleverley (to March
		24th, 1934).
		Mrs. M. E. George.

3A CENTRE (Municipal).

All Saints' Parish Room, Surrey Square.

District served by Centre	..	The Southern portion of All Saints' District and the portion of St. George's Ward between East Street and Albany Road.
Sessions held every Thursday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. A. C. Stevens.
Health Visitor	.. ..	Miss A. Rogers.

3B CENTRE (Municipal).

Lady Margaret Church Parish Room, Chatham Street.

District served by Centre	..	The Northern half of All Saints' District and the portion of St. George's Ward between East Street and New Kent Road.
Sessions held every Thursday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. Margaret Bergin.
Health Visitor	.. ..	Miss A. C. Cottrill.

4A CENTRE (Partly Municipal and partly Voluntary).

Crossways Mission Hall, New Kent Road.

District served by Centre	..	Trinity Ward.
Sessions held every Wednesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. A. C. Stevens.
Health Visitor	.. ..	Miss K. L. M. Hinde.

4B CENTRE (Municipal).

Mission Hall, Lansdowne Place.

District served by Centre	..	The Northern half of St. George's Ward and the streets between Trinity Street and Tabard Street.
Sessions held every Friday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. A. C. Stevens.
Health Visitor	.. ..	Miss F. M. Adair.

5 CENTRE (Partly Municipal and partly Voluntary)

56, Lambeth Road.

District served by Centre	..	A part of St. Jude and St. Michael's Wards.
Sessions held every Monday and Thursday	.. .. .	2—4.0.
Medical Officer	.. .. .	Dr. Dorothy Shepherd.
Health Visitor	.. .. .	Miss Pearson.

6A CENTRE (Municipal).

Southwark Boys' Hostel, Pocock Street.

District served by Centre	..	Christchurch Ward and a part of St. Michael and St. Jude's Wards.
Sessions held every Tuesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. .. .	Dr. Margaret Bergin.
Health Visitor	.. .. .	Miss M. Freeth.

6B CENTRE (Municipal).

Southwark Boys' Hostel, Pocock Street.

District served by Centre	..	St. Saviour's Ward.
Sessions held every Monday	..	10.0—12. 2.0—4.0.
Medical Officer	.. .. .	Dr. Margaret Bergin.
Health Visitor	.. .. .	Miss F. M. Mason.

6c CENTRE (Voluntary).

86, Borough Road.

District served by Centre	..	A part of St. Michael's Ward.
Sessions held every Monday	..	2.0—4.0.
Medical Officer	.. .. .	Dr. Vernon.
Health Visitor	.. .. .	Miss Oxley.

In addition to the above, the Roman Catholic Centre, 148, New Kent Road (Voluntary), holds a session every Thursday from 2.30—4, and Salamon's Centre, 28, Newcomen Street (Voluntary), holds two sessions, Monday, 2—5, and Thursday, 10—12.

ANTE-NATAL CLINICS.

Sutherland House, Sutherland Square.

District served by Clinic	..	St. Mary and St. Paul Wards
Sessions held every Monday	..	10.0—12.0.
Medical Officer	.. ..	Dr. Dorothy Shepherd.

During the year 155 mothers were seen and given advice. They made 353 attendances.

Sutherland House, Sutherland Square.

Districts served by Clinic	..	St. Peter, St. John Trinity, All Saints, St. Michael, St. George, Christchurch and St. Saviour's Wards.
Sessions held every Friday	..	10.0—12.0.
Medical Officer	.. ..	Dr. Margaret Bergin.

During the year 167 mothers were seen and given advice. They made 318 attendances.

56, Lambeth Road.

District served by Clinic	..	St. Jude's Ward.
Sessions held	.. ..	One monthly.
Medical Officer	.. ..	Dr. Dorothy Shepherd.

During the year 77 mothers were seen and given advice. They made 324 attendances.

The local Midwives refer all cases needing advice and treatment to the above Clinics

SALAMONS WELFARE CENTRE.

Sessions held	.. ..	Monday, Wednesday and Friday, 9.30—10.30. Tuesday, 1.30—2.30.
Medical Officer	.. ..	Assistant Obstetric Surgeon.

During the year 742 mothers were seen and given advice. They made 3,277 attendances.

MATERNITY AND CHILD

Showing the Attendances at the Several Centres and Visits
TABLE

Number of Births notified during the year	292	262	328	219	186	174	176	146	198	226	193	77	32	2509
Number of individual children attending the Centres during the year ..	548	530	431	279	237	319	313	285	540	361	297	169	79	4388
Number of Sessions held during the year	94	92	92	92	94	94	92	92	89	90	88	45	93	1147
Number of children coming into (1-5) age group during the year ..	229	186	182	103	77	10	128	106	132	127	134	53	28	1585
Number of new cases attending the Centres during the year—														
(1) Expectant Mothers (Ante-natal Clinics)	—	155	167	—	—	—	—	—	77	—	—	—	742	1141
(2) Infants under 1 year	222	208	198	136	102	131	120	89	167	157	134	58	31	1753
(3) Seen by Doctor	222	208	198	136	102	131	120	89	167	157	134	58	31	1753
(4) Children 1 to 5 years	36	33	49	2	22	6	25	26	41	49	24	9	5	347
(5) Seen by Doctor	36	33	49	22	22	6	25	26	41	49	24	9	5	347
Method of Feeding—(a) Breast	192	159	168	114	86	123	92	79	112	130	104	50	27	1436
(b) Breast and bottle	10	13	9	8	8	5	14	4	20	10	15	5	3	124
(c) Bottle	15	35	31	15	11	2	16	6	37	20	15	4	3	210
(d) Ordinary diet	41	34	39	21	19	7	23	26	39	46	24	8	3	330
Total number of attendances during the year—														
(1) Mothers	9517	5566	4850	4028	3333	3236	4905	3543	6442	4920	3479	2081	—	55900
(2) Expectant Mothers (Ante-natal Clinics)	—	353	318	—	—	—	—	—	324	—	—	—	3277	4272
(3) Infants under 1 year	5565	3351	3044	2612	1659	2796	2047	2174	2192	3014	2186	1071	2235	33946
(4) Children 1 to 5 years	3292	1874	1829	1673	1575	1596	2787	1541	4609	1799	1389	1246	1071	26281
(1) Average number of attendances	101.2	60.5	52.7	43.8	35.5	34.4	53.3	38.5	72.4	54.2	39.5	46.2	—	—
(2) do. do.	—	7.8	6.9	—	—	—	—	—	29.5	—	—	—	35.2	—
(3) do. do.	59.2	36.4	33.0	28.4	17.7	29.7	23.3	23.6	24.6	33.5	24.9	23.8	24.0	—
(4) do. do.	35.0	20.4	19.9	18.3	16.7	17.0	30.3	16.7	51.8	19.9	15.8	29.9	11.5	—
(5) Total number of attendances of Infants seen by Doctor during the year	1423	1531	1588	1121	856	1174	329	2252	882	1117	1062	545	882	14762
(6) Total number of attendances of children 1 to 5 years seen by Doctor during the year	710	793	825	465	610	536	536	765	1234	586	594	603	541	8798
(7) Total number of Expectant Mothers seen by Doctor (Ante-natal Clinics)	—	155	167	—	—	—	—	—	77	—	—	—	742	1141
(8) Children weighed	4064	4940	4581	3891	3209	4005	4613	3281	4558	4635	3195	2321	2240	49533
(9) Post-natal cases	973	—	—	1	—	86	8	159	2123	143	21	268	437	4219
Total number of first visits paid by Health Visitors to homes of—														
(1) Expectant Mothers	183	265	163	99	70	90	59	73	197	143	87	34	628	2091
(2) Infants under 1 year	288	260	320	209	188	182	172	146	200	222	192	76	31	2486
(3) Children 1 to 5 years	29	—	—	—	—	—	—	—	19	—	—	76	12	136
Total number of revisits paid by Health Visitors to homes of—														
(1) Expectant Mothers	260	76	5	—	10	—	18	—	169	6	—	22	471	1037
(2) Infants under 1 year	2026	1211	1092	808	967	1177	724	1481	757	1265	798	929	717	13952
(3) Children 1 to 5 years	2981	1570	1199	997	1365	1041	1183	1316	1489	1333	1175	2368	1913	19930

47 Sewing Classes were held during the year at

WELFARE CENTRES.

paid to the homes of Mothers and Children by Health Visitors.
14.

St. John 1A.	St. Mary. 1B.	St. Paul. 2A.	St. Peter. 2B.	All Saints. 3A.	Lady Margaret 3B.	Crossway. 4A.	St. Stephens. 4B.	St. Jude. 5.	St. Michael. 6A.	St. Saviour. 6B.	St. George. 6C.	Guy's. 7.	TOTAL.
292	262	328	219	186	174	176	146	198	226	193	77	32	2509
548	530	431	279	237	319	313	285	540	361	297	169	79	4388
94	92	92	92	94	94	92	92	89	90	88	45	93	1147
229	186	182	103	77	10	128	106	132	127	134	53	28	1585
—	155	167	—	—	—	—	—	77	—	—	—	742	1141
222	208	198	136	102	131	120	89	167	157	134	58	31	1753
222	208	198	136	102	131	120	89	167	157	134	58	31	1753
36	33	49	2	22	6	25	26	41	49	24	9	5	347
36	33	49	22	22	6	25	26	41	49	24	9	5	347
192	159	168	114	86	123	92	79	112	130	104	50	27	1436
10	13	9	8	8	5	14	4	20	10	15	5	3	124
15	35	31	15	11	2	16	6	37	20	15	4	3	210
41	34	39	21	19	7	23	26	39	46	24	8	3	330
9517	5566	4850	4028	3333	3236	4905	3543	6442	4920	3479	2081	—	55900
—	353	318	—	—	—	—	—	324	—	—	—	3277	4272
5565	3351	3044	2612	1659	2796	2047	2174	2192	3014	2186	1071	2235	33946
3292	1874	1829	1673	1575	1596	2787	1541	4609	1799	1389	1246	1071	26281
101.2	60.5	52.7	43.8	35.5	34.4	53.3	38.5	72.4	54.2	39.5	46.2	—	—
—	7.8	6.9	—	—	—	—	—	29.5	—	—	—	35.2	—
59.2	36.4	33.0	28.4	17.7	29.7	23.3	23.6	24.6	33.5	24.9	23.8	24.0	—
35.0	20.4	19.9	18.3	16.7	17.0	30.3	16.7	51.8	19.9	15.8	29.9	11.5	—
1423	1531	1588	1121	856	1174	329	2252	882	1117	1062	545	882	14762
710	793	825	465	610	536	536	765	1234	586	594	603	541	8798
—	155	167	—	—	—	—	—	77	—	—	—	742	1141
4064	4940	4581	3891	3209	4005	4613	3281	4558	4635	3195	2321	2240	49533
973	—	—	1	—	86	8	159	2123	143	21	268	437	4219
183	265	163	99	70	90	59	73	197	143	87	34	628	2091
288	260	320	209	188	182	172	146	200	222	192	76	31	2486
29	—	—	—	—	—	—	—	19	—	—	76	12	136
260	76	5	—	10	—	18	—	169	6	—	22	471	1037
2026	1211	1092	808	967	1177	724	1481	757	1265	798	929	717	13952
2981	1570	1199	997	1365	1041	1183	1316	1489	1333	1175	2368	1913	19930

Sutherland House with a total attendance of 444.

HEALTH WORK.

The number of visits made by the Health Visitors and other officers of the Public Health Department to houses in connection with Births, and other Health Work during 1934.

TABLE 15.

	ORIGINAL VISITS.			REVISITS.			Visits to Ante-Natal Cases.	Visits to Post-Natal Cases.	Visits to Foster Children.	Visits to Cases of Diarrhoea and Sick Children.	Attendances at Welfare Centres.	Visits where Mothers were found to be out.	Special Visits etc.	Puerperal Pyrexia.	Total.
	Births.	Measles.	Ophthalmia Neonatorum.	Births.	Measles.	Ophthalmia Neonatorum.									
Mrs. Kingsmill	260	272	1	1211	21	4	341	—	109	—	137	—	67	5	2428
Miss Sayer	320	333	1	1092	11	2	168	—	32	—	92	—	5	1	2057
Mrs. George	209	240	3	808	26	8	99	—	45	—	104	—	37	1	1580
Miss Rogers	188	259	3	967	15	3	80	—	84	—	92	—	46	1	1738
Miss Cottrill	182	314	4	1177	31	8	90	1	79	1	90	—	19	2	1998
Miss Hinde	172	273	—	724	66	—	77	—	168	2	103	—	82	4	1671
Miss Adair	146	296	1	1481	8	1	73	—	90	—	92	—	1	1	2190
Miss Freeth	222	385	1	1265	42	6	149	3	170	2	96	—	79	4	2424
Miss Mason	192	250	—	798	3	—	87	—	62	10	113	—	110	1	1626
Mrs. George (home help)	—	—	—	—	—	—	—	—	—	—	461	—	60	—	521
TOTAL	1891	2622	14	9523	223	32	1164	4	839	15	1380	—	506	20	18233

TABLE 16.
NOTIFIED BIRTHS.
1934.

Where Born and by Whom Attended.	Mothers Confined	Notified Births.	Still- Births.	Total Live Births.
BORN IN—				
Guy's Hospital	131	133	15	118
1, Kennington Park Place	13	13	—	13
30, Surrey Square	2	2	—	2
General Lying-In Hospital	280	287	9	278
Lambeth Hospital	249	254	12	242
St. Thomas's Hospital	149	152	3	149
King's College Hospital	63	64	1	63
St. Giles's Hospital	85	85	—	85
St. Olave's Hospital	49	50	—	50
Westminster Hospital	22	24	1	23
Charing Cross Hospital	42	42	1	41
Clapham Maternity Hospital	15	15	—	15
Other Hospitals, etc.	101	104	1	103
	1201	1225	43	1182
BORN AT HOME AND ATTENDED BY—				
<i>Externs:</i>				
Guy's Hospital	244	246	6	240
St. Thomas's Hospital	85	86	3	83
King's College Hospital	2	2	—	2
Lambeth Hospital	1	1	—	1
<i>Midwives:</i>				
Guy's Hospital	243	244	6	238
St. Thomas's Hospital	18	18	—	18
Lambeth Hospital	1	1	—	1
General Lying-In Hospital	22	22	—	22
Heygate Street	198	200	4	196
Private	302	304	6	298
<i>Doctors:</i>				
Private	156	158	5	153
Unclassified	2	2	2	—
	1274	1284	32	1252
TOTALS	*2475	2509	75	2434

*Of this number 156, so far as our records show, did not receive ante-natal advice.

TABLE 17.

Vaccination Officers' Return respecting the Vaccination of Children whose Births were Registered in 1933.

DATE.	Registration sub-districts comprised in vaccination officers' district.	Number of births returned in birth list sheets.	Number of these births duly entered in Columns 1, 2, 4 and 5 of the vaccination register (birth list sheets), viz.:—				Number of these births which are not entered in the vaccination register, on account (as shown by report book), of				
			Column 1, successfully vaccinated.	Column 2, Insusceptible of vaccination.	Column 4, Certificate of conscientious objection.	Column 5, dead, unvaccinated.	Postponement by medical certificate.	Removed to other districts and notified to vaccination officers of the districts.	Removal to places unknown, or which cannot be reached, and cases not having been found.	Cases remaining or temporarily unaccounted for.	Total number of certificates of successful vaccination received during the calendar year, 1934.
1933.	1	2	3	4	5	6	7	8	9	10	11
1st Jan.	Northern Division	1003	409	7	337	55	—	70	54	71	558
to											
31st Dec.	Southern Division	827	393	2	320	34	—	14	33	31	728
	TOTAL ..	1830	802	9	657	89	—	84	87	102	1286

SECTION C.

Sanitary Circumstances of the Area.

SECTION C

Sanitary Circumstances
of the Area

SANITARY INSPECTION OF THE AREA.

House-to-house inspections were carried out in the following localities:—

No. 1 DISTRICT.

Alberta Cottages, Alberta Street, Cooks Road, Crampton Street, Delverton Road, Doddington Grove, Gaza Street, Hampton Street, Hodson Street, Hurlbutt Place, Steedman Street.

No. 2 DISTRICT.

Camberwell Road, Carter Street, Goschen Street, Grosvenor Terrace, Horsman Street, Penrose Street.

No. 3 DISTRICT.

Boyson Road, Faraday Street, Runham Street, Sondes Street, Westmoreland Road.

No. 4 DISTRICT.

Charleston Street, Cotham Street, Guinness Buildings, Gurney Street, Paragon Buildings, Turquand Street.

No. 5 DISTRICT.

Ackworth Street, Bath House, Clifton Buildings, Devonshire House, Dover House, Gordon House, Graham House, Haddon House, Harper Street, Prioress Street, Rephidim Street, Rockingham Street.

No. 6 DISTRICT.

Alfreton Street, Beckway Street, Elsted Street, Flora Terrace, Hemp Row, Kinglake Street.

No. 7 DISTRICT.

Blackfriars Road, Clenham Street, Great Suffolk Street, Jubilee Dwellings, King James' Street, Lancaster Street, Minor Place, Montague Street, New Winchester Buildings, Southwark Bridge Road.

No. 8 DISTRICT.

Barbel Street, Brook Street, King Edward Street, Lambeth Road, West Square.

No. 9 DISTRICT.

Blackfriars Road, Gambia Buildings, Gambia Place, Nelson Square, Peabody Buildings, Stanhope Buildings.

PUBLIC CLEANSING.

(a) Generally speaking, weekly collection is in operation, although more frequent collections are made from tenement buildings, eating houses and places where food is prepared.

(b) The whole of the refuse is brought to the Council's Depot at Manor Place, Walworth, for transport by rail to the country depots at Longfield and Sevenoaks, Kent. Approximately 50 per cent. of the house refuse is passed through pulverising machines, the crushed material being disposed of partly by sale to Kent farmers as a dressing for heavy soil, and the remainder is used for covering the rough dust at the tips.

At Longfield controlled tipping is operated satisfactorily.

The Sevenoaks Depot will shortly be closed, the available space having been filled in.

There are no cesspools, earth closets or privies in the Borough.

COMMON LODGING HOUSES.

I have received the following report from Mr. Mayhew.

There are 18 Common Lodging Houses in Southwark; 11 for men, containing 1,829 beds, and 7 for women, containing 460 beds. The number of houses remains the same, but the difference from last year is that there is one less for men and one added for women. This is due to closing one house for men in Gray Street, and the opening of Cecil House for women in Waterloo Road.

In 1933, several of these houses, together with the bedsteads and bedding contained therein, were found to be in a verminous condition, and after disinfestation are now in a much cleaner condition, which has been brought about by the removal of unnecessary woodwork from walls, all plastering being made good, and on my advice oil paint is now used instead of distemper for decorating the walls.

It is necessary to keep strict observation in order to prevent reinfestation, and on my advice the deputy keepers make periodical inspections of beds and cleanse them.

Two more houses will be closed in the near future, namely 112, Southwark Bridge Road for men, and 7 and 8 Dorrit Street for women. In the case of the former, I am informed that the lease expires at an early date, and the latter will eventually be dealt with in the Red Cross Street area.

The reduction of the number of Common Lodging Houses will not materially affect the position at the present time, because none have their full complement of lodgers. On an average, only 50 per cent. of the accommodation is used in the case of women's houses, and 70 per cent. in the men's.

The types of houses come within different categories. Some of them are old houses which have been converted, and although they are kept in a clean condition, the structure is such that one could not consider them eminently desirable. Others have been specially built for the purpose but fall short of ideal conditions. On the other hand, there are some—*e.g.*, Cecil House and the Salvation Army Hostel, etc.—which are modern in construction, and provide every facility for personal ablution and provision for resting and recreation in most comfortable quarters, apart from the sleeping dormitories.

In the Borough, however, there are other premises which cannot be designated as Common Lodging Houses, but cater for homeless persons and are known as free shelters. One has to appreciate from a charitable point of view the provision of such places, but from a health and sanitary point of view they are most undesirable, owing to the fact that the strict supervision which is given to Common Lodging Houses cannot be applied in these cases.

There are also premises which claim to be exempt from supervision, because the lodgers pay weekly, although there are as many as 9 persons sleeping in one room.

One can only observe from the facts stated in regard to the last types of institutions—*i.e.*, free shelters and those which cater for weekly tenants—that greater powers of control are needed so that these premises are brought within the operation of the Bye-laws and Acts relating to Common Lodging Houses.

It is possible in the near future that consideration will be given to instituting Municipal owned and controlled Common Lodging Houses, which would benefit the persons inhabiting such places, and also the public who live in the vicinity.

TABLE
Summary of Sanitary Works Completed under

DISTRICT.	Intimation Notices Complied with.	Drain reconstructed.	Drain repaired.	Drain Intercepted and Ventilated.	Drain Unstopped.	Gullies provided.	Soilpipe provided or repaired.	Closet provided.	Closet Pan and Trap.	Water apparatus repaired.	Sink, Lav. & Waste Pipes.
No. 1 .. Mr. Bryant.	526	31	73	52	42	117	109	26	315	110	302
No. 2 .. Mr. Mayhew.	465	14	27	23	46	31	11	20	77	63	155
No. 3 .. Mr. Banham.	418	8	9	11	15	13	6	18	49	29	83
No. 4 .. Mr. White.	351	9	7	5	30	7	63	89	225	144	184
No. 5 .. Mr. Findley.	534	13	37	20	74	24	9	11	64	63	152
No. 6 .. Mr. Steele.	430	7	17	22	46	29	6	14	64	51	55
No. 7 .. Mr. Hattersley.	358	13	15	19	10	8	14	1	76	28	173
No. 8 .. Mr. Syms.	236	5	5	7	12	16	6	32	41	36	74
No. 9 .. Mr. Ede.	241	17	19	31	17	5	24	65	100	27	60
Total ..	3559	117	209	190	292	250	248	276	1011	551	1238

3173 Intimation Notices were served during the year.
1047 Statutory Notices were served during the year.

18.
the Public Health Act, during the year 1934.

Rain Water Pipes repaired, etc.	Water supply to upper floors	Draw Tap on Main.	New Water Supply.	Roof and Gutters repaired.	Paving repaired.	Dampness abated.	Rooms cleansed.	Sub-Floor Ventilation.	Basement concreted.	Staircase Ventilated.	Dust-bin provided.	Overcrowding abated.	Miscellaneous Nuisances abated.
98	24	96	3	173	125	108	624	64	1	16	156	8	542
49	4	7	—	248	98	158	465	16	—	4	182	7	477
55	—	1	—	168	67	34	460	—	—	—	196	5	469
15	2	3	89	109	27	36	313	1	—	—	93	7	178
37	4	17	2	223	78	108	539	1	—	1	112	3	486
24	5	6	2	196	69	45	353	—	—	1	150	1	360
27	—	3	1	73	22	34	318	—	—	2	121	3	230
16	2	2	1	64	17	15	259	—	—	—	106	2	212
18	1	1	1	65	13	30	194	—	—	—	56	1	171
339	42	136	99	1319	516	568	3525	82	1	24	1172	37	3125

In addition to the inspections shown in table 31, 1915 miscellaneous inspections were made, with 27122 re-inspections.

PROCEEDINGS TAKEN UNDER THE PUBLIC HEALTH AND OTHER ACTS.

17 summonses were taken out during the year 1934, in respect to offences, particulars of which are set out below. The following table shows the number of summonses taken out in each of the several Districts:—

TABLE 19.

	DISTRICT.									TOTAL.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	
Number of Summonses taken out ..	3	9	4	1	—	—	—	—	—	17

The above summonses had reference to the following:—

Ordinary Nuisances	12
Exposing for Sale (Unsound Food)	5
Total	17

TABLE 20.

These proceedings resulted as follows:—

Summonses withdrawn (with costs), the Council's requirements having been complied with	14
Penalties and costs	3
Total	17

TABLE 21.

Proceedings taken under the Public Health and Other Acts.

Defendant.	Cause of Proceedings.	Result.
George Bowerman 86, Deacon Street.	Depositing for purposes of sale, split peas, unsound.	Fined £5 and £1 1s. costs.
Harry Harrison (3) .. 5, Westmoreland Road.	Exposing for sale raisins, sultanas and currants not bearing an indication of origin	Fined 1s. on each summons with 30s. costs in all, a total of 33s.
Edward Henry Pearce .. 57, Doddington Grove.	General nuisances existing at 57, Doddington Grove	Work done. Summons withdrawn on payment of 10s. 6d. costs.
William Anthony Fisher (2) 6, Stirling Road, Stockwell, S.W.9.	General nuisances existing at 15, Chapter Road and 27, Chapter Road	Work done. Summons withdrawn on payment of 10s. 6d. in each case.
William Anthony Fisher (6) 6, Stirling Road, Stockwell, S.W.9.	General nuisances existing at 23, Cooks Road, 51, Royal Road, 41, Royal Road, 33, Royal Road, 35, Royal Terrace, 169, Lorrimore Road	Work done. Summons withdrawn on payment of 10s. 6d. in each case, making a total of £3 3s.
Messrs. C. Benabo & Son .. 240, Mile End Road, E.	General nuisances existing at 35, St. Paul's Road	Work done. Summons withdrawn on payment of 10s. 6d. costs.
Messrs. Waters & Co. .. 44, St. Paul's Buildings, Paternoster Square, E.C.4.	General nuisances existing at 29, Lorrimore Road	Work done. Summons withdrawn on payment of 10s. 6d. costs.
Messrs. A. King & Co. .. 37, Bruton Street, W.1.	General nuisances existing at 55, Delverton Road	Work done. Summons withdrawn on payment of 10s. 6d. costs.
L. Mead 70, East Street, S.E.17.	Depositing for the purpose of sale 4 turkeys, 1 duck and 7 fowls, the food being unfit for human consumption.	Fined £10 and £5 5s. costs.

NEW LEGISLATION AFFECTING THE WORK OF THE PUBLIC HEALTH DEPARTMENT DURING THE YEAR.

ACTS OF PARLIAMENT.

Local Government Act, 1933, Part XII.

Shop Acts, 1934.

STATUTORY RULES AND ORDERS.

Agricultural Produce, (Grading and Marking), No. 72.

Do.	do.	(	do.	do.	), No. 151.
Do.	do.	(	do.	do.	), No. 198.
Do.	do.	(	do.	do.	), No. 199.
Do.	do.	(	do.	do.	), No. 200.
Do.	do.	(	do.	do.	), No. 204.
Do.	do.	(	do.	do.	), No. 205.
Do.	do.	(	do.	do.	), No. 221.
Do.	do.	(	do.	do.	), No. 517.
Do.	do.	(	do.	do.	), No. 625.
Do.	do.	(	do.	do.	), No. 884.
Do.	do.	(	do.	do.	), No. 893.
Do.	do.	(	do.	do.	), No. 931.
Do.	do.	(	do.	do.	), No. 932.
Do.	do.	(	do.	do.	), No. 720.
Do.	do.	(	do.	do.	), No. 719.
Do.	do.	(	do.	do.	), No. 749.
Do.	do.	(	do.	do.	), No. 902.
Do.	do.	(	do.	do.	), No. 1337.
Do.	do.	(	do.	do.	), No. 1353.
Do.	do.	(	do.	do.	), No. 1354.

The Merchandise Marks (Imported Goods Order), No. 5.

Do. do. (do. do.), No. 6.

Do. do. (do. do.), No. 7.

Milk and Dairies, No. 1317.

Public Health (Shellfish) Regulations, No. 1342.

CIRCULARS.

Housing Act, 1930, Circular 1139 (revised).

Nutrition, Circular 1370 and Circular 1406.

Housing Act, 1930, Circular 1407.

Public Health (Imported Food) Regulations, 1925	} Circulars 1371 and 1427.
Public Health (Imported Food) Amendment Regu-	
lations, 1933.	

International agreement for the treatment of Seamen suffering from Venereal diseases, Circular 1374.

Venereal Diseases, Circular 1374A.

Birth Control, Circular 1408.

Bacteriological investigation with reference to Puerperal Sepsis Maternal Mortality, Circular 1433.

Summary of the principal provisions of the Housing and Public Health Acts.

Public Health (Shell Fish) Regulations, 1934, Circular 1446.

Slum Clearance, Circular 1453.

SMOKE ABATEMENT.

During the year a considerable amount of time has been involved in investigating deposits of grit in the Bankside area, particularly when the wind was in a certain direction.

Observation is still being kept.

TABLE 22.

Showing the Number of Observations, etc., in regard to Smoke Nuisances made by the several District Inspectors during 1934.

	DISTRICT									Total for Borough.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	
No. of observations made by the Inspectors	2	3	—	5	12	—	1	4	131	158
No. of Nuisances observed ..	—	—	—	1	1	—	—	—	7	9
No. of Intimation Notices served	—	—	—	1	—	—	—	—	3	4
No. of Statutory Notices served	—	—	—	—	—	—	—	—	—	—
No. of Summonses taken out ..	—	—	—	—	—	—	—	—	—	—

HOUSES LET IN LODGINGS.

The number on the Register at the end of the year was 1551.

TABLE 23.

	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	Total.
Number on Register ..	296	195	217	198	124	136	115	179	91	1551

L.C.C. GENERAL POWERS ACT, 1928—Sec. 28.

This Act provides for the removal, upon an order from a petty sessional court, into a suitable hospital or institution, of any aged or infirm or physically incapacitated person residing in premises under insanitary conditions, or suffering from any grave chronic disease, who is unable to devote to himself (or herself) or receive from persons with whom he (or she) resides proper care and attention, and who may, therefore, suffer in health or become a serious nuisance to other persons.

In this connection, the following persons have been removed during the year under review:—

<i>Name and Address.</i>	<i>Age.</i>	<i>Institution.</i>
Miss Sarah Loeber, 1H, Peabody Buildings, S.E.1.	.. 72 years	.. Newington.
Mrs. Harriett Martin, 5, Westcott Street, S.E.	.. 68 years	.. Newington.
Miss Matilda Bates, 1, Grosvenor Terrace, S.E.5.	.. 84 years	.. Newington.
Mr. John Law, 37, Beckway Street, S.E.17.	.. 83 years	.. Newington.
Susan Palmer, 13, Skipton Street, S.E.	.. 84 years	.. Lambeth.
Miss Emma Hodgekins, 182, Portland Street, S.E.	.. 71 years	.. Newington.
Miss Eliza Bolton, 47, Darwin Street, S.E.	.. 87 years	.. Newington.
Mrs. Agnes Burdett, 12, Empress Street, S.E.17.	.. 79 years	.. Newington.

RAG FLOCK ACTS, 1911 and 1928.

The Act requires that the amount of Chlorine found shall not exceed 30 parts in 100,000 parts of flock.

Visits under the Act have been made by the several inspectors to premises, but rag flock is not being sold at any of them at the present time.

WATER SUPPLY.

PUBLIC HEALTH (LONDON) ACT, 1891.

Section 48.

Certificates in regard to water supply have been granted in respect of the under-mentioned (new) houses during the year.

Premises.	Certificates granted to.
71-96, Pilton Place (26 flats) ..	E. Percy Kendall, Esq., 11, Gt. Turnstile, W.C.1.
103-123, Pilton Place (13 flats) ..	E. Percy Kendall, Esq., 11, Gt. Turnstile, W.C.1.
19, 21, 25, St. Agnes Place (3 flats)	Messrs. Wm. Downs, 12, Hampton Street, S.E.
1-25, Curtis House (25 flats) ..	Messrs. R. J. Rowley, Ltd., Belmont Works, N.17.
38, 40, 42, 44, Heiron Street (4 flats)	Messrs. G. W. Wills & Son, Auckland Hill, S.E.27.
1-25, Ellis House (25 flats) ..	Messrs. R. J. Rowley, Ltd., Belmont Works, N.17.
1-10, Hendree House (January, 1935) (10 flats)	Messrs. L. Whitehead, 169, Clapham Road, S.W.9.

WATER SUPPLIES TO TENEMENT HOUSES.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1907.

42 additional water supplies were provided to houses during the year 1934.

TABLE 24.

Factories, Workshops, Laundries, Workplaces and Homework.

1.—Inspection (including Inspections made by Sanitary Inspectors).

Premises.	Number.		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ..	216	17	..
Workshops (including Workshop Laundries)	259	19	..
Workplaces	45	10	..
Homeworkers' Premises (including Out-workers)	206	..	..
Total	726	46	..

2.—Defects Found.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<hr/>				
*NUISANCES UNDER THE PUBLIC HEALTH ACTS:—				
Want of Cleanliness	31	50		
Want of Ventilation	2	1		..
Overcrowding	1	1	..	..
Want of drainage of floors.. ..	..	..	..	..
Other nuisances	47	62	..	..
Sanitary accommodations:				
Insufficient	8	5	..	..
Unsuitable or defective	28	35	..	..
Not separate for sexes	1	1	..	..
<hr/>				
OFFENCES UNDER THE FACTORY AND WORKSHOP ACT:—				
Illegal occupation of underground bakehouse (S. 101) .. ..	..	..	..	..
Breach of special sanitary requirements for bakehouses (SS.97-100)			..	..
Other offences	68	68	..	..
<hr/>				
Total	186	223	..	..

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

TABLE 25.
3.—Home Work.

NATURE OF WORK.	OUTWORKERS' LISTS, Section 107.								Number of Inspections of Outworkers' Premises.	OUTWORK IN UNWHOLE-SOME PREMISES, S. 108.			OUTWORK IN INFECTED PREMISES, Sections 109-10		
	Lists received from Employers.				Nos. of Addresses of Outworkers received from other Councils.	Nos. of Addresses of Outworkers forwarded to other Councils.	Prosecutions.			Instances.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110).	Prosecutions. (Ss. 109-10).
	Twice in the year.		Once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.							
	Lists.	Out-workers	Lists.	Out-workers											
Wearing Apparel—															
(1) Making, &c. ..	51	38	53	52	272	361	—	—	98	3	—	—	—	—	—
(2) Cleaning and washing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lace, lace curtains and nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Furniture and Upholstery	1	4	1	4	2	3	—	—	5	—	—	—	—	—	—
Fur pulling	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Umbrellas	—	—	—	—	3	—	—	—	4	—	—	—	—	—	—
Paper Bags and Boxes ..	6	9	6	9	9	12	—	—	15	—	—	—	—	—	—
Brushmaking	5	8	5	9	2	4	—	—	11	—	—	—	—	—	—
Stuffed Toys	1	1	1	1	2	1	—	—	7	—	—	—	—	—	—
File making	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electro Plate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cables and Chains ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anchors and Grapnels ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cart Gear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Locks, Latches and Keys	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous	12	17	14	21	112	40	—	—	66	—	—	—	—	—	—
TOTAL	76	77	80	96	402	421	—	—	206	3	—	—	—	—	—

TABLE 26.
4.—Registered Workshops.

Workshops, Workplaces, etc., on the Register (S. 131) at the end of the year.	Number.
Bakehouses (including Factory Bakehouses)	93
Factory Bakehouses	—
Eating houses and places where food is prepared for sale..	423
Ice Cream Shops	272
Laundries	13
Dressmakers, Milliners, etc.	39
Tailoring	43
Brushmakers	12
Miscellaneous	1843
Total number of Workshops, Workplaces, etc., on Register..	2738

5.—Other Matters.

Class.	Number.
Matters notified to H.M. Inspectors of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	—
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5):	
Notified by H.M. Inspector	5
Reports (of action taken) sent to H.M. Inspectors..	5
Other	—
Underground Bakehouses (S. 101):—	
In use at end of the year	—

WOMEN'S WORKSHOPS.

The supervision of the Women's Workshops was carried out during the year by Miss Burrows.

342 inspections and 377 re-inspections were made.

The following defects were discovered, and 6 intimations and 1 statutory notices were served in order to obtain the abatement of the nuisances complained of:—

Water apparatus defective	9
Roofs defective	2
Rooms dirty	43
Closet Pans and Traps	8
Miscellaneous nuisances	31
Total	93

All the above-mentioned nuisances were remedied.

Miss Burrows also made 1,117 inspections of the women's conveniences throughout the Borough.

TABLE 27.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Summary showing investigations and inspections made during the year 1934.

DISTRICT.	Inspections.		Re-inspections.		Premises where Rats were found.	Action taken.					Probable Source.			Notices.
	By Inspectors	By Rat Officer.	By Inspectors	By Rat Officer.		By Council's Official.			By Occu- piers.	Premises Freed of Rats.	Rat Runs and Holes.	Defective Drains.	Defective Sewers.	
						Baits laid by Rat Officer with poison	Wire Traps Set.	Break- back Traps Set.						
									Cats or Dogs.					
No. 1	57	47	104	305	26	1280	34	352	3	33	32	6	4	14
No. 2	36	56	105	110	32	457	13	39	9	30	21	8	1	16
No. 3	51	48	73	132	17	412	3	91	7	14	25	24	3	4
No. 4	24	32	80	347	23	1290	32	315	2	17	17	6	3	1
No. 5	39	42	72	419	21	1822	98	396	19	28	17	17	2	2
No. 6	34	27	48	267	30	1084	8	267	3	23	17	6	1	—
No. 7	42	81	89	334	33	1344	38	347	2	20	33	33	3	1
No. 8	25	20	16	100	7	372	11	61	1	5	11	5	2	—
No. 9	62	92	187	436	34	1648	118	480	14	35	38	31	7	4
TOTAL ..	370	445	774	2450	223	9709	355	2348	60	205	211	136	26	42

Number of Rats destroyed 1073.

During "Rat Week" 3,000 additional baits were laid at the Council's Depots.

Cleansing of Verminous Rooms and their Contents.

During the year the number of verminous rooms with the bedding and other articles cleansed and disinfected in accordance with the requirements of the London County Council (General Powers) Acts, 1907 and 1922, has increased in comparison with 1933. I append a table showing the number of notices served upon the owners or occupiers of the several premises in question, and the number of verminous rooms cleansed and fumigated by the Council's disinfecting staff. I also submit tables showing the number of articles dealt with at the disinfecting stations.

TABLE 28.

Verminous Rooms Cleansed.

DISTRICT.				No. of Intima- tion Notices served.	No. of Statutory Notices served.	Police Court proceed- ings taken.	Verminous rooms treated by the Council's Disin- fecting Staff.
No. 1	..	..	..	94	30	—	257
No. 2	..	..	..	80	29	—	238
No. 3	..	..	..	43	6	—	116
No. 4	..	..	..	44	9	—	117
No. 5	..	..	..	58	22	—	292
No. 6	..	..	..	46	7	—	223
No. 7	..	..	..	37	12	—	79
No. 8	..	..	..	46	11	—	122
No. 9	..	..	..	44	23	—	183
TOTAL				492	149	—	*1,627

* 723 verminous rooms were stripped by owners.

TABLE 29.

Verminous Bedding, etc., Disinfected at the Council's Station during 1934.

Articles.	Disinfected.	Destroyed.
Beds	155	20
Palliasses	79	39
Bolsters and Pillows	258	57
Cushions	71	11
Blankets	455	10
Sheets	462	12
Quilts	290	3
Articles of Clothing, etc.	37,308	751
Books	40	—
Total	39,118	903

3 tons 7 cwt. of bedding, household furniture, etc., were also destroyed.

VERMINOUS PERSONS CLEANSED DURING 1934.

During the year 7,140 persons were cleansed at the station in King James Street. Of these, under our agreement with the London County Council, were 5,061 children.

Many of the children treated were suffering from Scabies. In every case the treatment at our Station was thoroughly efficacious, and no recurrence of the trouble was experienced.

2,079 adults sent from the various common lodging houses and other places in our borough were cleansed during the year, as against 1,929 dealt with under the provisions of the Cleansing of Persons Act, in 1933.

COLLIER'S RENTS MORTUARY.

(CORONERS' COURT.)

TABLE 30.

During the year 401 bodies were received into the Mortuary:—

Reasons bodies were brought to Mortuary.							
<hr/>							
Bodies brought in, upon which Inquests were held	..						245
Bodies brought in upon which Post Mortems were held	..						140
Bodies brought in, upon which Inquests were considered unnecessary	..	..	..	..	..	..	2
Bodies brought in for convenience for which payment was made	..	..	..	..	..	..	1
Bodies brought in where death had occurred from Infectious Disease	..	..	..	..	..	..	13
<hr/>							
Total	..	..	..	..	..	..	401

COLLIER & BENTLEY MORTUARY

1100 Broadway, New York, N.Y.

TABLE 10

Listing the year the bodies were received into the Mortuary:

Number of bodies with height in inches

100	Number of bodies with height in inches
105	Number of bodies with height in inches
110	Number of bodies with height in inches
115	Number of bodies with height in inches
120	Number of bodies with height in inches
125	Number of bodies with height in inches
130	Number of bodies with height in inches
135	Number of bodies with height in inches
140	Number of bodies with height in inches
145	Number of bodies with height in inches
150	Number of bodies with height in inches

Total

and in inches the bodies were received into the Mortuary

and in inches the bodies were received into the Mortuary

and in inches the bodies were received into the Mortuary

HOUSING.

SECTION D.

Housing.

APPENDIX

...in 1950 ... The ...

SECTION D.

Housing

1. ...

... the ...

HOUSING.

The Slum Clearance scheme prepared in 1933 according to instructions of the Ministry of Health is now in full swing. The London County Council, as the chief housing authority, undertake the larger schemes, and the Borough the smaller ones, the whole being timed and "cog-wheeled" with the L.C.C. re-housing schemes. Many deputations and consultations have taken place between representatives of the Borough Council and L.C.C. Housing Committees. The Borough Council, at various times, have expressed their wish and willingness to co-operate to the fullest extent not only in clearance schemes but also in re-housing schemes. Already the Council have completed one block of dwellings in Doddington Grove, whilst dwellings are in course of erection at Amery Place, Doddington Grove West, and several other re-housing schemes are contemplated in the near future.

One of the main concerns of the Council has been, and still is, the de-housing of the citizens of the Borough and their re-housing outside the Borough. This has resulted in more than one deputation being sent to the L.C.C.

On the last occasion the L.C.C. gave assurances to the Borough Council that the residents of the Borough should be re-housed, so far as was found practicable, either in or close to the Borough. To confirm this the L.C.C. allotted a certain percentage of their new dwellings at East Dulwich Estate and Honor Oak Estate; mention was made of other likely sites at the Oval and on the borders of Southwark and Bermondsey.

The difficulty of re-housing inside the Borough is due to the lack of suitable sites. In our eagerness and desire to re-house all Southwark families in Southwark, there is a danger of producing further congestion and bad arrangement. To build up a few houses here and a few there simply in this desire, without some preconceived idea of general planning and improvement on present conditions, would obviously be defeating the ultimate object of the Slum Clearance scheme. The necessity for wholesale clearances at the present time is a consequence of ill-conceived planning of our fore-fathers, and the present generation must guard against their pitfalls and not repeat the process.

I have from time to time drawn the attention of the Council to the desirability of re-housing as many of the de-housed families in Southwark as possible, by making the utmost use of suitable areas which are obtainable. In my opinion, I am convinced that as we are unable to build

outwards, we must build upwards, even if only to six storeys; by so doing a larger percentage of families will be accommodated than at present. Many people, I know, disagree with this suggestion, but I would point out that there are many 6-storey dwellings in the Borough, and I believe that there are hundreds of people in Southwark, if given the opportunity, would prefer to walk 12 steps higher than go 12 miles out of Southwark. The walking of 12 or so steps costs a little in energy, but 12 miles costs money, in 'bus and train fares and so much out of the weekly income for food. I think the Council would do well to consider these points.

The following tables indicate the scope of the work performed during the year. It will be noted that certain work commenced in previous years was completed in the year 1934, and that certain items undertaken during 1934 have not reached the stage of finality at the time of writing; these items will be completed during 1935 and will be reported upon in the next Report.

HOUSING ACT, 1930, SECTION 1.

During the year 1932 the following area was represented and a Clearance Order was made.

Amery Place, Kinglake Street Area (64 houses).

The houses on this Area have now been demolished and the inhabitants re-housed.

The re-development is now proceeding, and it is anticipated that the following flats will be erected on the site in the near future:—

	2	4-roomed flats.
	23	3-roomed flats.
	33	2-roomed flats.
	—	
Total	..	58
		—

These flats will be utilised for the re-housing of families from Bear Lane, Prices Street, and several of the smaller Areas represented as Clearance Areas during the year.

HOUSING ACT, 1930, Section 1.

During the year 1933 the following Areas were represented for Clearance and re-housing schemes.

Townsend Yard Area (6 houses).

The London County Council have now intimated that this small Area will be included in the Golden Place Area, and will be dealt with by that Authority. Demolition is now proceeding.

Keyworth Street Area (27 houses).

A Clearance Order has been made and the London County Council will develop this Area in due course.

Surrey Place Area (3 houses).

Represented 3rd January, 1934.

Held up owing to proposed improvement scheme with other properties in the neighbourhood.

Surrey Row Area (5 houses).

A Clearance Order has been made and confirmed by the Minister. There is still one house occupied.

Mander Place Area (16 houses).

A Clearance Order has been made and confirmed by the Minister. The houses will be demolished in due course and the highway closed.

Avon Place Area (10 houses).

A Clearance Order has been made and confirmed by the Minister. The houses will be demolished in due course.

Pitney Place Area (24 houses).

Area represented 6th December, 1933.

L.C.C. have decided to take over Area into larger scheme.

Bear Lane Area (29 houses).

A Clearance Order has been made and confirmed by the Minister. The houses will be demolished in due course, and the site developed by the Church Army Housing Association.

Prices Street Area (16 houses, 1 store).

A Clearance Order has been made and confirmed by the Minister. The houses will be demolished in due course and the site developed by the Church Army Housing Association.

Doddington Grove (West) Area (12 houses).

A Clearance Order has been made and confirmed by the Minister. The site will be developed by the Borough Council.

The following areas were represented for clearance and re-housing schemes during the year under consideration:—

Roy Place Area (29 houses).

A Clearance Order has been made. Public enquiry pending.

Brune Place Area (5 houses).

A Clearance Order has been made and confirmed by the Minister.

Clock Place Area (12 houses).

A Clearance Order has been made. Public enquiry pending.

Rodney Street Area (5 houses).

Representation withdrawn. This Area will be dealt with by the London County Council as part of a larger scheme.

Jane Street Area (8 houses).

A Clearance Order has been made and confirmed by the Minister.

Aster Place Area (17 houses).

Represented to the Housing Committee on September 26th, 1934. On November 8th the L.C.C. intimated that they did not intend to deal with this Area as a Clearance Area.

Nelson Place Area (8 houses).

Represented to the Housing Committee on September 26th, 1934. On November 8th the L.C.C. intimated that they did not intend to deal with this Area as a Clearance Area.

Holland Street Area (5 houses).

Represented to the Housing Committee on November 14th, 1934.

Tupman Place Area (46 houses).

In my Annual Report for 1932 I stated that an extensive survey of the houses belonging to the Bridge House Estates (City Corporation) had been made.

In this connection I now have to report that the City Corporation have agreed to demolish the houses on this Area and develop the site in due course. The Area is now in process of re-development.

Comus Place Area (42 houses).

Represented to the Housing Committee on November 14th, 1934.

Norfolk Street Area (20 houses).

Represented to the Housing Committee on November 14th, 1934.

HOUSING ACT, 1930, SECTION 19.

The following properties were represented during 1932, and have not yet been demolished.

- 2, 3, 4, 5, 6, Cavan Terrace (closed).
- 49, Friar Street (closed).
- 20, Townley Street (closed).
- 58, 59, St. Margaret's Court closed ; (undertaking not to be occupied).
- 7, 14, 15, 16, 18, 19, 20, Barron's Place (closed).
- 8, 17, Barron's Place (still occupied).

During 1933 39 houses were represented for demolition and 15 were demolished during that year.

The remainder (24) are set out below:—

- 102, 104, Blackfriars Road (demolished 1934).
- 11, 12, Valentine Row (demolished 1934).
- 4, Prices Street (demolished 1934).
- 2, Disney Street (closed).
- 16, 18, Westminster Bridge Road (demolished 1934).
- 8, 9, Cavan Terrace (closed).
- 1, Old Barge House Street (closed).
- 2, Old Barge House Street (still occupied).
- Winchester House (demolished 1934).

- 3, Kinglake Street closed; (undertaking not to be occupied).
- 87, Broadwall (closed).
- 4, Hatfield Street (demolished).
- 9, 11, Holland Street (demolished 1934).
- 53, Great Guildford Street closed; (undertaking not to be occupied).
- 1, Montague Street closed; (undertaking not to be occupied).
- 81, Tower Street (withdrawn).
- 9, Warren Place (demolished 1934).
- 9, Globe Street (demolished 1934).
- 33, Beddome Street (closed).
- 24, Zoar Street (closed).

The following properties were represented for demolition during the year under consideration:—

- 62, Brandon Street (rendered fit).
- 20, Bronti Place (demolished).
- 4, 6, Sayer Street (demolished).
- 57, Kingston Street (closed).
- 38, 40, 42, Heiron Street (demolished).
- 1, 1a, Nebraska Street.
- 9, 11, Lower Bland Street.
- 6, 8, Hankey Place.
- 163, Blackfriars Road.
- 12, Lawson Street.
- 29, Devereil Street (undertaking to be made fit).
- 18, Upper Bland Street.
- 52, Holland Street (undertaking not to be occupied).
- 54, Holland Street (undertaking not to be occupied).
- 108, East Street.
- 110, East Street.

HOUSING ACT, 1930, SECTION 20.

During 1933 28 underground rooms or parts of premises were represented for Closing Orders, 26 of which were closed.

The remainder (2) were closed during 1934.

- 83, Lancaster Street (closed).
- 189, Blackfriars Road (closed).

The following underground rooms or parts of premises were represented for Closing Orders during the year under consideration:—

- 103g, Queen's Buildings (closed).
- 32, Boyson Road (closed).
- 25, Newington Crescent (closed).
- 197a, Old Kent Road (closed).
- 233, East Street (closed).
- 13, Deacon Street (closed).
- 13, Gladstone Street (closed).
- 206, Weston Street (closed).
- 201, Old Kent Road.
- 203, Old Kent Road.
- 37, Newington Crescent.
- 247, East Street.
- 249, East Street.
- 251, East Street.
- 253, East Street.
- 184, New Kent Road.
- 190, New Kent Road.
- 3, Eagle Place (closed).
- 43, Union Road (closed).
- 49, Union Road (closed).
- 69, Pocock Street (closed).
- 15, Trinity Street.
- 295, New Kent Road.
- 13, Ralph Street.
- 202, Great Dover Street.
- 54, Surrey Row.
- 255, Union Street.
- 279, Union Street.
- 18, Hatfield Street.

TABLE 31.

HOUSING.

1. *Inspection of Dwelling Houses:—*

(1) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	4,932
(b)	Number of inspections made for the purpose ..	5,347
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ..	3,745
(b)	Number of inspections made for the purpose ..	3,745
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	492
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	3,173

2. *Remedy of Defects without Service of formal Notices:—*

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or its officers	555
---	-----

3. *Action under Statutory Powers during the Year:—*

A. Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930:—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	30
(2) Number of dwelling houses which were rendered fit after service of formal notices:—	
(a) by owners	79
(b) By Local Authority in default of owners ..	—

TABLE 31.—*continued.*

B. Proceedings under Public Health Acts:—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	3,173
(2) Number of dwelling houses in which defects were remedied after service of formal and informal notices:—	
(a) by owners	3,249
(b) by Local Authority in default of owners ..	—
C. Proceedings under Sections 19 and 21 of the Housing Act, 1930:—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	22
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	19
(3) Number of dwelling houses rendered fit (Sub. Sec. 2)	1
D. Proceedings under Section 20 of the Housing Act, 1930:—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	29
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	14
(3) Number of separate tenements or underground rooms which have been closed, without making of orders	—
(4) Number of separate tenements or underground rooms which have been rendered fit, without making of orders	—

SECTION E.

Inspection and Supervision of Food.

SECTION E.

Inspection and Supervision

of Food.

INSPECTION AND SUPERVISION OF FOOD.

Regular observation is kept of all food exposed or deposited for sale in slaughter-houses, butchers' shops, cooked meat shops, fishmongers' premises, stalls, market places, etc.

SLAUGHTER-HOUSES.

There are four in the Borough which are licensed annually.

Notice is given to this department when animals are to be slaughtered, and all carcasses and viscera are examined before being offered for sale.

The following are the premises and the licensees:—

Situation of Premises.	Name of Licensee.
129, Hillingdon Street	Messrs. Newbury & Manktelow.
70, Union Road	George Challis.
244, Walworth Road	Messrs. Chalk & Cox, Ltd.
283-5 Walworth Road	Messrs. R. C. Hammett, Ltd.

During the year 428 oxen, 3,930 sheep and 1,259 pigs were slaughtered.

The total weight found to be unsound was 13 cwts. 21 lbs., of which 9 cwts. 6 lbs. were destroyed on premises where found, and 4 cwts. 15 lbs. were destroyed at the Council's Depot.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1932, SEC. 5.

Registration of Premises for Sale, etc., of Ice Cream and Preserved Food.

The following table shows the number of premises registered and the inspections made:—

Premises.	Registered.	Inspections.
Ice Cream	272	323
Butchers' premises ..	90	817
Provision Dealers ..	61	549

Registration of Premises for Sale of Ice Cream.

I have received the following report from Mr. Syms on the premises used for the Manufacture or Sale of Ice Cream during the year 1934, as follows:—

Total number of Registered Premises for Making	.. ..	142
Do. removed from Registration during 1934..	.. ..	25
Do. Applications for Registration approved during 1934 .. ..	.. ..	17
Do. of Registered Premises for Sale only .. ..	.. ..	86
Do. removed from Registration during 1934..	.. ..	7
Do. Applications for Registration during 1934 approved .. ..	.. ..	14
Do. Itinerant Vendors of Ice Cream .. ..	.. ..	74

The Ice Cream Trade is mainly a seasonal one, commencing in March and ending in September. Systematic inspection of all premises is carried out at the commencement of the season and the cleansing of premises and utensils is called for and improvements suggested. To some extent the work is educational and the production of pure Cream under hygienic conditions by all types of makers shows signs of improvement.

During the year thirty-six samples of Ice Cream were taken for bacteriological examination, the result being as follows:—

Number of samples above standard of purity .. ..	.. ..	17
Do. excess of Bacteria per 1 c.c. .. ..	.. ..	1
Do. Bacillus coli present .. ..	.. ..	18

Attention was immediately concentrated on all premises where the sample had proved unsatisfactory and the fullest details of both materials and the method of handling obtained. The general conclusion arrived at by studying the various factors was that contamination was due to either improper sterilization of the plant and utensils or insufficient protection of the Cream during the process of serving. In one case only the conditions of manufacture were found to be unsuitable and the appropriate action taken. The sale of Ice Cream from these premises has been discontinued.

Dust contamination of the Cream, particularly among the Vendors in the Street Markets, is pronounced. Ultimately the public will demand that all Ice Cream, other than that served in restaurants or Ice Cream parlours, shall be wrapped.

Since the close of the season a comprehensive memorandum dealing with the desired standards in premises where Ice Cream is manufactured or sold has been prepared ready for circulation in 1935.

Under this scheme all future applications for Registration will be recommended in so far as they comply with the suggested standards. As regards the old-established makers, improvements will be called for and where the sample taken proves below standard of purity the Registration of the premises will be cancelled or the requirements enforced.

There is now only one large wholesale manufacturer of Ice Cream, and the factory is to be remodelled and extended in 1935.

PREMISES WHERE FOOD IS PREPARED.

I have received the following report from Mr. Syms.

There are a large number of these premises in the Borough and periodical inspection is carried out as far as possible once each quarter.

The general policy is to ensure to the public, clean, wholesome food, prepared, cooked and served under hygienic conditions. During the year steady progress and improvement has been made and, speaking generally, the trade is well conducted.

EATING HOUSES.

The following is a summary of the premises under inspection:—

Restaurants in Licensed Premises	..	..	62
Restaurants in Unlicensed Premises	..	..	33
Coffee Houses	..	..	105
Cafes	..	..	86
Coffee Stalls	..	..	26
Stewed Eels and Pie Shops	..	..	24
			336

Of the above, 94 have installed some form of cold storage, either in the form of an ice safe or mechanical refrigerator, 59 have undergone alteration and improvement, 110 have been cleansed, 12 have been closed, and 37 new businesses established.

FISH FRIERS.

There are 52 premises registered for the purpose of Fish Frying. Among these are several premises which will in the near future be included in Clearance or Improvement Areas; for this reason modernising or extensive improvements are not called for. There are now 17 Fish Friers with the new type of furnace constructed to condense its own steam, dispensing thereby with the hood. These ranges are a distinct improvement on the old type, and every effort has been made to persuade

members of the trade to make the investment. Electric potato peelers are now installed in the majority of shops, an appliance more hygienic than the older method.

During the year 13 have made alterations and improvements, 16 have some form of cold storage and, apart from the regular periodical cleansing and whitewashing which is invariably carried out, 7 premises have been cleansed. 10 were closed.

FISH CURERS.

There are 27 premises registered for the purpose of Fish Curing, which includes the Haddock Smokers, Bloater Curers and Shell Fish Boilers. During the period under review 2 have been reconstructed, 2 cleansed, 2 altered and 7 have some form of cold storage. Fifteen have been closed.

OTHER FOOD PREMISES.

Under the heading Other Foods there are 8 premises, of which 3 are Muffin or Crumpet Bakers (a seasonal trade between September and March), 3 Chip Potato Vendors, 1 Itinerant Pie Vendor and one Sandwich Shop. One only has installed a refrigerator and 2 have been cleansed. In each of the Chip Potato Vendors electric peelers have been installed.

The total inspections made were 1,427 and 25 Notices were served, most of the work being done by request.

Messrs. Bowers & Duffield report as follows:

There are at present 90 butchers' and offal shops registered under the London County Council (General Powers) Act, 1932, and 61 provision shops are also registered. At all these premises steps in the preparation of food are taken, such as making sausages, pickling meat, cooking hams, etc.

Many butchers' shops have had their equipment improved by installing some type of modern refrigerator, the old-fashioned and unsatisfactory ice-box having become a thing of the past.

Some provision shops are provided with counter protection for their cooked meats, and the proprietors of others have been approached with a view to taking some similar steps to prevent the contamination of cooked meats by flies and dust, but owing to our limited powers in this direction we are not able to enforce adequate precautions. We may mention that the Public Health (Meat) Regulations, 1924, especially exclude cooked meats, and this is to be regretted.

FOOD FACTORIES.

The food factories are constantly inspected, some of them daily.

A large sausage and pie factory is nearing completion, and will be finished early in the year. This factory has been designed by Sir Owen Williams, and it is anticipated that it will be one of the largest in the country. Its equipment will be of the most modern design.

BACON STOVES.

There are five in the Borough, and they are inspected frequently.

Four of them do a large amount of bacon smoking, and are well constructed for the purpose. One of them was remodelled and brought up to date during the period under review.

“MERCHANDISE MARKS” ACT, 1926.

Section 9 of the above Act confers on Food and Drugs Authorities (in London, the Borough Councils) the power to execute all provisions of the Act (except those relating to importation) in respect of foodstuffs which are subject to an Order in Council made under the Act.

The Sanitary Inspectors have been empowered by the Council to undertake the duties imposed by the above Act, in regard to food exposed for sale, and have in many instances called the attention of traders to the fact where they have discovered negligence in the marking of their goods, and have had the omission rectified.

In addition, printed notices have been circulated from time to time calling attention to the Orders mentioned above.

On the whole the Orders are being carried out satisfactorily throughout the Borough.

AGRICULTURAL PRODUCE (GRADING AND MARKING) ACT, 1926.

This Act provides for the grading and marking of agricultural produce and gives power to the Ministry of Agriculture and Fisheries by regulations to prescribe “designations” and “marks” to indicate the quality of such produce.

Four cold stores in this district are registered under the 1930 Regulations, for the storage of English eggs.

Many parcels have been marked in accordance with the Regulations under the supervision of the Inspectors.

IMPORTED FOOD REGULATIONS, 1925.

The Borough is a Riparian Authority and administers the Imported Food Regulations, 1925. Two Inspectors—Messrs. S. Bowers and G. H. E. Duffield—are engaged in this work.

The northern boundary of the Borough extends from London Bridge up to and including the premises of the Union Cold Storage Co. at Nelson's Wharf, west of Blackfriars Bridge.

Close co-operation in the administration of the Imported Food Regulations is maintained with the City and the Port of London Authorities, and the officers of H.M. Customs. (Every effort is made to secure uniformity of action in the problems that arise.)

The following particulars may be of interest.

CASEOUS LYMPHADENITIS.

The routine inspection of all carcasses of imported Mutton by a 5 per cent. examination from all countries and 100 per cent. of all pieces was continued. The improvement observed in 1933 was maintained.

BEEF CONTAMINATED WITH OIL FUMES.

A cargo of Beef and Offal, *ex. s.s.* "Stirlingshire," was received which had been in contact with oil fumes.

This consignment was placed in special chambers impregnated with Ozone for some days, and it was found that the odour had disappeared.

FILLETS OF BEEF.

Bags of Beef marked "S" Fillets were received from South America.

These could not be identified with a definite part of a carcass. They were certainly not the true fillet known as "tender loins," which are the *psoas* muscles; in fact, they appeared to be strips cut from the lumbar muscles. There was nothing to guide the Inspector as to their freedom from disease.

I regarded it as scrap meat, and therefore prohibited under the Imported Food Regulations. With this decision the Medical Officers of the City and Port of London concurred. A circular, giving details of this meat and the action taken was sent to all Port Medical Officers throughout the Kingdom.

IMPORTED HAMS.

Imported Hams were examined from time to time, and it was found that in accordance with a trade custom they were cut so as to exclude the Lymphatic Glands.

10,827 Hams were inspected, and only 11.4 per cent. had glands visible.

BEEF OFFAL.

A consignment of Beef Offal from New Zealand was received without an official certificate. This parcel was dealt with under the regulations.

GRAPE FRUIT.

Grape Fruit imported from South America was found to be affected with a disease of the skin known in the trade as "Pink Eye." Once the fruit is attacked the disease quickly develops and renders the fruit unfit.

Some cases were destroyed on this account.

TOMATOES FROM SOUTH AMERICA.

An experimental consignment of Tomatoes from South America were received. They were found to be unsound owing to moulds.

PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS, 1925.

Samples under these Regulations were taken during the year on the Wharves and submitted to the Borough Analyst.

Butter (Russia)	Genuine.
Tinned Tomato Paste (Russia) ..	Free from Lead.
Tinned Tomato Puree (Russia) ..	
Tinned Crab—2 samples (Russia) ..	
Tinned Salmon—2 samples (Russia) ..	
Tinned Sild—2 samples (Norway) ..	
Glycerine Egg Yolk	Free from boracic preservatives.
Mushroom Powder	Lead 9 parts per million.
Capers (Russia)	Lead less than 5 parts per million.
Tinned Tongue	Lead 10 parts per million.
Canned Crab—3 samples (Japan) ..	Free from lead.
Canned Tomatoes—2 samples (Spain)	Free from lead.
Canned Peeled Tomatoes	0.8 gr. of tin per pound.
Canned Tomato Paste (Russia) ..	0.5 gr. of tin per pound

TABLE

Showing the quantity of foodstuffs examined at the wharves,
the method of disposal

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
		T. C. Q. L.	T. C. Q. L.			
Apples	317 boxes, 4 cases	6 6 0 26	1 17 0 0			
Apples, tinned ..	1545 cases ..	41 7 2 20	3 11 1 24			
Apple, pulp ..	20 cases ..	2 0 0 0	—			
Apricot, pulp ..	225 cases ..	11 0 0 0	1 0 0 0			
Apricots ..	775 crates ..	8 9 2 24	3 17 3 4			
Bacon	95 bales ..	9 10 0 0	—			
Beef	—	611 15 3 22	17 0 2 18			
Beef, salted ..	—	13 1 1 16	—			
Beef, tinned ..	827 cases, 2141 tins	23 15 2 16	5 2 3 4			
Bi-Carbonate of Soda ..	—	5 17 0 27	2 1 9			
Blackcurrants ..	100 boats ..	1 1 1 20	—			
Butter	290 casks, 1651 boxes	38 12 3 0	—			
Capers	29 casks ..	5 16 0 0	—			
Casings, hog ..	31 tierces, 28 casks	10 17 0 0	—			
Caviare	9 casks, 2 cases ..	2 2 0 0	—			
Cereals	—	1 0 0 0	—			
Cheese	200 crates ..	15 0 0 0	—			
Cherries, pulp ..	50 casks ..	10 0 0 0	—			
Condensed milk ..	359 cases ..	7 13 3 6	7 13 3 6			
Crab, tinned ..	590 cases, 193 tins	15 4 0 24	1 0 24			
Currants	30 boxes ..	15 0 0	—			
Egg Yolk liquid ..	2 barrels, 529 casks, 300 tins	103 14 0 0	2 2 0 0			
Egg Yolk, dried ..	33 cases ..	3 6 0 0	—			
Endive	50 crates ..	11 1 0	—			
Fish, tinned ..	533 cases ..	11 11 3 12	—			
Flour	278 bags ..	24 16 1 12	—			
Carried forward ..	985 5 2 1	42 9 0 5				

33.

the amount of food to be unsound, the Notices served, and
of the unsound portion.

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De- tention.	(b) Re- lease.	
Yes	—	—	—	1 ton 11 cwt. 1 qr. 20 lbs. were destroyed at the Council's Depot; 4 cwt. 1 qr. 12 lbs. were destroyed in a barge; 1 cwt. 24 lbs. were destroyed on the premises where found.
Yes	—	1	1	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	—	—	1 ton 16 cwt. 2 qrs. 16 lbs. were destroyed on the premises where found and 2 tons 1 cwt. 16 lbs. destroyed in a railway truck.
—	—	—	—	Released for technical purposes.
Yes	—	82	82	3 tons 17 cwt. 2 qrs. 26 lbs. were destroyed at the Council's Depot and 1 ton 5 cwt. 6 lbs. were released for technical purposes.
Yes	—	1	1	Destroyed at the Council's Depot.
Yes	—	—	—	—
—	—	2	2	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	2	2	6 tons 16 cwt. 26 lbs. were destroyed at the Council's Depot and 17 cwt. 2 qrs. 8 lbs. were released for pig feeding.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	6	6	Destroyed at the Council's Depot.
—	—	2	2	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	96	96	

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
		T. C. Q. L.	T. C. Q. L.			
Brought forward ..		985 5 2 1	42 9 0 5			
Fowls	—	7 19 1 23	10 1 25			
Fruits, assorted, tinned	5117 cases ..	98 10 0 22	12 10 1 19			
Fruit Salad	17 cases ..	7 1 6	7 1 6			
Geese	52 boxes ..	3 3 0	1 0 0			
Glace Cherries ..	100 cases ..	3 10 0 0	—			
Glace Fruits	150 cases ..	5 7 0 0	—			
Glycerine Egg Yolk ..	90 barrels, 31 casks	28 14 0 0	—			
Grape Fruit	618 cases, 292 boxes, 321 tins	28 4 2 0	18 16 0 0			
Grapes	1 crate ..	24	24			
Greengages	2 crates, 50 $\frac{1}{2}$ -sieves 3 billots	11 3 1	1 0 5			
Greengage pulp ..	62 cases ..	1 10 0 0	—			
Hams	2041 boxes ..	422 13 0 0	—			
Hams, tinned	103 cases, 221 tins	4 15 3 14	1 2 3 7			
Heads, Pigs	450 ..	2 0 0 20	4 0 7			
Horse Radish	100 barrels ..	2 10 0 0	—			
Jam Pulp	64 cases ..	1 12 0 0	1 12 0 0			
Lard Oil	255 barrels, 30 tierces	57 0 0 0	—			
Lard	1770 boxes ..	30 0 0 0	12 2 0			
Lettuce	1427 crates ..	13 3 2 10	6 19 1 17			
Limes	3 cases ..	2 4	2 4			
Liver Juice	16 cases ..	1 12 0 0	—			
Loganberries, tinned ..	538 cases ..	12 12 1 20	1 9 3 20			
Meat Extract	10 cases ..	3 0 24	1 14			
Meats, tinned	109 cases ..	2 14 2 0	—			
Melons	3 cases ..	3 7	3 7			
Mushroom Powder ..	61 packages ..	2 10 0 0	—			
Mutton	Carcases and pieces	1510 9 1 7	17 14 1 25			
Offal	—	68 13 2 2	35 15 1 17			
Carried forward ..		3292 14 2 17	140 7 3 6			

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De-tention.	(b) Re-lease.	
Yes	—	96	96	8 cwt. 2 qrs. 18 lbs. were destroyed at the Council's Depot and 1 cwt. 3 qrs. 7 lbs. were released for technical purposes.
Yes	—	2	2	Destroyed at the Council's Depot.
Yes	—	—	—	Do. do.
—	—	—	—	Released for technical purposes.
—	—	—	—	—
Yes	—	2	2	12 tons 11 cwt. 1 qr. 24 lbs. were destroyed at the Council's Depot and 6 tons 4 cwt. 2 qrs. 4 lbs. were destroyed on the premises where found.
Yes	—	—	—	Destroyed in a railway truck.
Yes	—	—	—	Destroyed on the premises where found.
—	—	—	1	Under "Stop" 1933 released.
Yes	—	2	2	—
Yes	—	—	—	1 ton 2 cwt. 2 qrs. 14 lbs. were destroyed at the Council's Depot and 6 tons 4 cwt. 2 qrs. 4 lbs. were destroyed on the premises where found.
Yes	—	—	—	Released for technical purposes.
Yes	—	—	—	Released for technical purposes.
Yes	—	3	3	5 tons 17 cwt. 2 qrs. 13 lbs. were destroyed at the Council's Depot and 1 ton 1 cwt. 3 qrs. 4 lbs. were destroyed on the premises where found.
Yes	—	—	—	Destroyed at the Council's Depot.
—	—	5	5	—
Yes	—	—	—	Released for technical purposes.
Yes	—	—	—	5 tons 17 cwt. 2 qrs. 13 lbs. were destroyed at the Council's Depot and 1 ton 1 cwt. 3 qrs. 4 lbs. were destroyed on the premises where found.
Yes	—	—	—	Destroyed on the premises where found.
Yes	—	2	2	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on the premises where found.
—	—	—	—	—
Yes	—	—	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	533	533	Released for technical purposes.
Yes	—	5	6	35 tons 13 cwt. 2 qrs. 8 lbs. were released for technical purposes, including 29 tons 4 cwt. 1 qr. 24 lbs. under "Stop" from 1933; 1 cwt. 3 qrs. 9 lbs. were destroyed on the premises where found.
		651	653	

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
		T. C. Q. L.	T. C. Q. L.			
	Brought forward..	3292 14 2 17	140 7 3 6			
Onions	500 bags	15 0 0 0	2 10 0 0			
Oranges.. ..	7 cases	4 1 14	4 1 14			
Oranges, tinned ..	25 cases, 921 tins	16 0 0	8 0 12			
Peaches	11 crates	1 1 0	1 1 0			
Peaches, tinned ..	153 cases	3 5 1 26	1 1 4			
Pears, tinned ..	134 cases, 140 boxes, 32 tins	5 17 1 0	1 6 2 0			
Peas	90 bags	4 7 2 20	4 0 24			
Peas, split	100 bags	5 0 0 0	—			
Pheasants	42 cases	1 1 1 20	—			
Pilchards	20 cases	8 2 8	—			
Pines, tinned ..	2 cases, 17 tins	1 3 20	1 3 20			
Plums	50 cases, 386 crates	5 16 2 10	1 11 2 14			
	100 $\frac{1}{2}$ -sieves ..	—	—			
Pork	Carcases & pieces..	62 13 3 11	13 3 3			
Pork, tinned ..	5 tins	1 2	—			
Prunes	705 boxes	8 18 0 4	4 0 3 4			
Rabbits.. ..	688 crates, 9 cases	18 0 1 14	12 1 4			
Rice	71 bags	3 15 2 0	9 1 17			
Salmon, tinned ..	2164 cases, 18941 tins	71 16 1 17	14 15 1 11			
Sardines	100 cases, 226 tins	1 5 2 0	2 0			
Strawberries ..	2 crates	—	8			
Sultanas	90 cases, 2513 boxes	23 8 3 11	25			
Sweets	331 cases	21 0 2 0	—			
Sweetbreads ..	41 boxes	1 0 1 0	1 0			
Tails, Ox	—	1 10 2 26	—			
Tomato Paste ..	1316 cases.. ..	51 7 0 27	2 3 0 27			
Tomato Puree ..	710 cases, 200 tins	35 17 3 16	7 0 16			
Tomatoes	15 boxes, 14 boats	6 0 12	6 0 12			
Tomatoes, tinned ..	1700 cases, 3667 tins	37 16 0 4	1 13 1 24			
Tongues, Ox ..	50 bags, 13 tins ..	1 5 0 12	—			
Tongues, Ox, tinned ..	134 cases, 1 tin ..	3 7 0 4	15 1 20			
Tongues, Sheep, tinned ..	72 cases	1 10 3 12	—			
Turkeys	76 cases	3 12 1 20	—			
Veal	66 hinds, 385 bags	18 15 0 12	1 0 12			
Walnuts	6 cases	2 1 20	2 1 20			
		3702 5 3 3	172 18 3 1			

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De-tention.	(b) Re-lease.	
		651	653	
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	1	1	2 qrs. 14 lbs. were destroyed on the premises where found and 3 cwt. 3 qrs. were destroyed in a barge.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on the premises where found.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	3	3	1 ton 3 cwt. 1 qr. 4 lbs. were destroyed at the Council's Depot and 3 cwt. 24 lbs. were destroyed on the premises where found.
Yes	—	1	1	Destroyed on the premises where found.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on the premises where found.
Yes	—	9	9	Released for technical purposes.
—	—	—	—	—
Yes	—	1	1	2 tons 19 cwt. 3 qrs. were destroyed at the Council's Depot and 1 ton 1 cwt. 4 lbs. were destroyed on the premises where found.
Yes	—	2	2	Released for technical purposes.
Yes	—	10	10	Destroyed at the Council's Depot.
Yes	—	1	1	Do. do.
—	—	—	—	Do. do.
Yes	—	—	—	Destroyed on the premises where found.
Yes	—	—	1	Do. do.
—	—	—	—	Released 3 tons 14 cwt. under "Stop" 1933.
Yes	—	1	1	Released for technical purposes.
—	—	—	—	—
Yes	—	—	1	Destroyed at the Council's Depot including 15 cwt. under "Stop" 1933. Balance under "Stop" 1933 released.
Yes	—	2	2	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on the premises where found.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	—	—	Do. do.
Yes	—	—	—	Do. do.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	1	Released for technical purposes.
Yes	—	—	—	Destroyed at the Council's Depot.
		683	687	

34.

91

Foodstuffs.	Quantity and Weight found Unsound		Surrendered by Owners.		Seized by Inspector.		Remarks.
	Quantity.	Weight.	Quantity.	Weight.	Quantity.	Weight.	
Apples	30 cases, 3 boxes	T. C. Q. L. 1 14 0 8	30 cases, 3 boxes	T. C. Q. L. 1 14 0 8	—	T. C. Q. L. —	Destroyed at the Council's Depot.
Artichokes ..	73 crates ..	2 3 1 16	73 crates ..	2 3 1 16	—	—	Destroyed on the premises where found.
Bacon	—	2 17 0 7	—	2 17 0 7	—	—	1 ton 1 cwt. 23 lbs. were destroyed at the Council's Depot, and 1 ton 15 cwt. 3 qrs. 12 lbs. were released for technical purposes.
Bananas	16 crates ..	3 0 0	16 crates ..	3 0 0	—	—	Destroyed at the Council's Depot.
Beans	10 crates ..	3 2 8	10 crates ..	3 2 8	—	—	Do. do.
Beef, tinned ..	110 tins ..	5 3 14	110 tins ..	5 3 14	—	—	Do. do.
Beef	—	15 3 12	—	15 3 12	—	—	Released for technical purposes.
Brawn	—	6	—	6	—	—	Destroyed on the premises where found.
Brawn, tinned ..	1 tin ..	8	1 tin ..	8	—	—	Destroyed at the Council's Depot.
Cheese	—	3 2 27	—	3 2 27	—	—	Do. do.
Chicken, tinned ..	42 cases, 9 tins ..	19 3 0	42 cases, 9 tins ..	19 3 0	—	—	Do. do.
Condensed Milk ..	165 cases, 129 tins	2 0 1 8	159 cases, 129 tins	1 17 3 0	6 cases	2 2 8	1 ton 17 cwt. 3 qrs. were destroyed at the Council's Depot. 2 cwt. 2 qrs. 8 lbs. were condemned by a magistrate and destroyed at Council's Depot.
Dates	5 cases ..	2 0 26	5 cases ..	2 0 26	—	—	Destroyed at the Council's Depot.
Deer	1 ..	1 14	1 ..	1 14	—	—	Do. do.
Fish	2 boxes, 2 trucks	2 3 26	2 boxes, 2 trucks	2 3 26	—	—	1 cwt. 3 qrs. 26 lbs. were destroyed at the Council's Depot and 1 cwt. destroyed on the premises where found.
Fowls	—	1 13 1 5	—	1 13 1 5	—	—	Destroyed at the Council's Depot.
Fruits, tinned ..	96 cases ..	2 5 0 12	96 cases ..	2 5 0 12	—	—	Do. do.
Game	43 ..	1 11	43 ..	1 11	—	—	Do. do.
Gooseberries ..	100 $\frac{1}{2}$ -sieves ..	1 2 1 10	100 $\frac{1}{2}$ -sieves ..	1 2 1 10	—	—	Do. do.
Ham, tinned ..	32 tins ..	3 1 21	32 tins ..	3 1 21	—	—	2 cwt. 1 qr. 21 lbs. were destroyed at the Council's Depot and 1 cwt. destroyed on the premises where found.
Heads, Pigs ..	11,675 ..	56 19 3 23	11,675 ..	56 19 3 23	—	—	Released for technical purposes.
Offal	—	13 0 21	—	13 0 21	—	—	4 cwt. 15 lbs. were destroyed at the Council's Depot and 9 cwt. 6 lbs. were destroyed on the premises where found.
Onions	1 bag ..	3 16	1 bag ..	3 16	—	—	Destroyed at the Council's Depot.
Oranges	19 cases ..	9 2 0	19 cases ..	9 2 0	—	—	Do. do.
Parsley	6 bags ..	1 0 0	6 bags ..	1 0 0	—	—	Do. do.
Pears	47 boxes ..	18 0 24	47 boxes ..	18 0 24	—	—	Do. do.
Pheasants	—	1 2	—	1 2	—	—	Do. do.
Plums	85 boats ..	10 0 0	85 boats ..	10 0 0	—	—	Do. do.
Plums, tinned ..	2 cases ..	3 12	2 cases ..	3 12	—	—	Do. do.
Carried forward ..	76 10 3 1		76 8 0 21		6	2 2 8	

Foodstuffs.	Quantity and Weight found Unsound		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
		T. C. Q. L.		T. C. Q. L.
	Brought forward	76 10 3 1		76 8 0 21
Pork	Carcases and pieces	31 1 3 23	Carcases and pieces	31 1 3 23
Potatoes ..	3 bags	1 2 0	3 bags	1 2 0
Poultry ..	12	1 9	—	—
Rabbits ..	—	13 2 25	—	13 2 25
Raspberries ..	1,920 chips ..	1 14 1 4	1,920 chips ..	1 14 1 4
Raspberries, tinned	37 cases	15 3 12	37 cases	15 3 12
Salmon, tinned..	1 case	1 20	1 case	1 20
Sloes	6 chips, 2 barrels	1 3 24	6 chips, 2 barrels	1 3 24
Sultanas ..	6 bags	10 1 12	6 bags	10 1 12
Tallow	—	—	—	—
Tangerines ..	9 bundles	2 0 0	9 bundles	2 0 0
Tomatoes, tinned	1 case	1 20	1 case	1 20
Tomatoes ..	—	6 2 16	—	6 2 16
Tongues, tinned	3	18	3	18
Turkeys	—	3 3 1	—	3 3 1
Veal	—	3 24	—	3 24
Winkles	6 bags	10 0 0	6 bags	10 0 0
		112 15 0 13		112 12 0 24

Seized by Inspector.		Remarks.
Quantity.	Weight.	
	T. C. Q. L.	
6	2 2 8	
—	—	31 tons 1 cwt. 2 qrs. 11 lbs. were released for technical purposes and 1 qr. 12 lbs. were destroyed on the premises where found.
12	1 9	Destroyed at the Council's Depot.
—	—	Condemned by a magistrate and destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Released for technical purposes.
—	—	8 cwt. under "Stop."
—	—	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	5 cwt. 1 qr. 16 lbs. were destroyed at the Council's Depot and 1 cwt. 1 qr. were destroyed on the premises where found.
—	—	Destroyed on the premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Released for technical purposes.
—	—	Destroyed at the Council's Depot.
	2 3 17	

TABLE 35.

Inspections of Food at Wharves, Markets and other places where food is stored, and the action taken by the officials during the year 1934.

INSPECTION OF WHARVES, Etc.					FOOD EXAMINED, Etc.						
WARD OR DISTRICT.	Inspection of Wharves and Warehouses.	Inspection of Markets.	Inspection of Shops or Street Stalls.	Slaughter Houses.	Parcels of Food Examined.	Parcels of Food Stopped.	Parcels of Food Released.	Parcels of Food destroyed by consent of owner.	Parcels of Food seized by Inspector.	Parcels of Food condemned by Magistrate.	Summonses taken out.
Mr. Bowers	693	—	1082	249	1967	27	27	356	—	2	—
Mr. Duffield	1043	—	284	133	2224	656	660	994	—	—	—
Market Inspections ..	—	7152	—	—	7152	—	—	—	—	—	—
TOTAL	1736	7152	1366	382	11343	683	687	1350	—	2	3

MILK AND DAIRIES (AMENDMENT) ACT, 1922, AND ORDERS MADE THEREUNDER.

I have received the following report from Mr. Nicholson of the work carried out under his supervision during the year under:—

(1) The Milk and Dairies (Amendment) Act, 1922, and the various Orders and Regulations dealing with milk; and

(2) The Factory and Workshop Act in so far as it appertains to Bakehouses.

At the end of 1933, there were on the Milksellers Registers:—

404 Names	..	398 Premises	..	Retail.
36	..	36	..	Wholesale.
70	..	Outsiders	..	Retail.
37	..	..	..	Wholesale.

During the year 1934, 80 persons were registered to sell milk retail at their premises. Of these, 14 premises were registered as dairies and 66 to sell milk in containers as received.

3 of the persons were registered as wholesale milksellers and their premises as wholesale dairies.

1 wholesale and 2 retail milksellers, outsiders, were registered to sell milk in this Borough.

1 retail outsider was refused registration, being considered unsuitable.

Sale of milk newly started at	..	27 premises (Retail)
Sale of milk discontinued at	..	16 premises (Retail)
Removed from Register (Retail)	..	71 names .. 69 premises
2 of the names were no longer partners in business.		
Removed from Register (Wholesale)	10 names	.. 10 premises

Totals at end of 1934.

Retail	..	..	415 names	..	409 premises*
Wholesale	..	..	29	..	29
Retail	..	..	72	..	Outsiders
Wholesale	..	..	38	..	..

*Of the 409 premises:—

98 are used as dairies. Of these, 45 sell milk on round.

289 sell milk in containers as received.

18 sell milk for consumption on premises only.

4 used as depots for delivery of bottled milk on rounds.

The change-over from sale of loose milk to milk in bottles or other containers steadily continues.

MILK (SPECIAL DESIGNATIONS) ORDER, 1923, ETC.

1 dairy is licensed to pasteurise milk. 2 dairies are licensed to bottle and sell Grade A (T.T.) milk.

The total number of persons and premises licensed to sell graded milks are as follows:—

Certified	5	Includes 1 supplementary Licence
Grade A (T.T.) ..	17	Includes 1 supplementary and 2 Bottling Licences.
Grade A	3	
Grade A (Pasteurised)	3	
Pasteurised	36	Includes 1 Pasteurising Licence.
Total ..	64	

CHEMICAL AND BACTERIOLOGICAL EXAMINATIONS.

Particulars of samples procured under Orders, etc.:—

6 Grade A (T.T.) Milk	}	Submitted for bacteriological examination. Certified free from Tubercle Bacilli and were satisfactory with the exception of 2 Pasteurised Milk. A letter was sent to the firm, and after suggested additions to plant were installed, further samples were in order and satisfactory.
5 Pasteurised Milk ..		
10 Ordinary Milk ..		

The London County Council instituted a scheme later in the year whereby school-children were enabled to obtain a one-third pint bottle of Pasteurised Milk. This resulted in a number of dairymen obtaining the necessary Licences to enable them to supply Pasteurised Milk to the schools.

There are 46 L.C.C. schools with 111 departments supplied with this milk by 12 dairy firms.

12 samples of this milk were procured and submitted for chemical analysis, and 12 samples for bacteriological examination. These were all satisfactory.

Total number of these samples submitted—33.

INSPECTIONS OF VARIOUS PREMISES.

Premises.	No.	Notices.	Letters.	Remarks.
Milkshops, Dairies, etc.	1710	2	8	Verbal instructions as required.
Bakehouses ..	337	13		
Soap works ..	8			
Tripe boilers ..	4			
Butter factory ..	4			
Fur-skin dresser ..	6			
Totals ..	2069	15	8	

NUISANCES ABATED IN CONSEQUENCE OF NOTICES.

Dirty walls	12	The periodical cleansing was duly carried out in the Bake- houses and premises con- nected therewith.
Dirty ceilings	11	
Dirty floors	14	
Defective floors	10	
Defective paving	2	
Defective ceilings	2	
Defective utensils	2	
Miscellaneous	15	
Unsuitable premises for dairy purposes	2	
Total	70	

In addition to the foregoing, the following is a brief account of some of the works carried out and utensils provided in the re-modelling of our dairies and other premises during the year.

62, *Beckway Street*. Electric light installed in rear dairy.

129, *Walworth Road*. Hot water boiler and tanks (enclosed system) installed. Metal dipping tank, gas jet under, several new crates, and crate holder (for sterilizing bottles, etc., in boiling water) provided.

22, *Beresford Street*. Provided new gas copper, gas jet under trough, 3 special crates and crate holder, 1 bottle capper, inside gully, sealed with cover.

19, *Barlow Street*. A washing-up, etc., part of dairy constructed and adapted for the purpose, completing the second part of dairy. Provided basket for sterilizing bottles in gas copper, and a bottle capper.

103, *Villa Street*. Provided gas copper, gas jet under trough, 3 special crates and crate holder for sterilizing bottles. 1 bottle capper.

17, *Surrey Row*. Wash-up part of dairy, ceiling provided under roof rafters. Loft over part of dairy enclosed by a wooden front. Front and back walls rebuilt. Provided and installed bottle washing and sterilizing machine—"Quicka" type, 1,400 bottles per hour. High pressure steam boiler 50 lbs. per square inch, and fittings. Milk bottle filling and capping machine (Rotary).

58, *Larcom Street*. Boiler overhauled and adapted for 5 lb. pressure. Automatic feed and other fittings. Provided 2 sterilizing crates.

Rear 26, *Villa Street*. Provided sterilizing tank with gas jet under two special crates for sterilizing bottles. 1 new bottle capper.

342, *East Street*. Provided door between dairy and house lobby. Basket to fit copper for sterilizing bottles. 1 bottle capper.

134, *Beresford Street*. Provided gas jet under trough, new gas copper, 3 new crates and crate holder for sterilizing bottles, 1 bottle capper.

152½, *Blackfriars Road*. Provided and installed bottle washing and sterilizing machine (Millers Hydro.), 1,500 bottles per hour. Churn steam jet sterilizer; metal bin for boiler fuel.

Rear of 17, *Vowler Street*. New first-class dairy constructed; 4 compartments—(1) wash-up, (2) store and bottling, (3) barrow store, (4) office. Provided and installed bottle washing and sterilizing machine (P. type, Claytons), 1,500 bottles per hour. High pressure steam boiler (60 lbs. press.) and usual fittings. Water supply tank, etc. Steam jet churn sterilizer. Metal washing trough (for cans, etc.). One new W.C. and lavatory. Rotary bottle-filling and capping machine.

130, *Southwark Bridge Road*. Provided 2 metal troughs with gas jet under one. Several crates and crate holder for sterilizing bottles.

61, *Rodney Road*. New dairy constructed in yard—2 compartments. Provided gas copper, metal trough, 2 special crates to fit copper for sterilizing bottles, 2 covered barrows and 1 bottle capper.

1, 2, 3, *Great Suffolk Street*. Milk bulking tank, metal cover provided. Also cover to milk cooler and over churn when being filled from automatic fillers.

2, *Clapton Buildings*. Shop parlour converted into a dairy—2 compartments. Floor concreted, sealed top gully therein. Drain to manhole in yard. Provided and installed steam generator and fittings in basement, steam metal sterilizing chest, metal washing trough and 1 bottle capper.

99, *Crampton Street*. Dairy constructed in yard—2 compartments. Provided bottle filler (syphon) and capper. Hot and cold water laid on. New metal dipping tank with gas jet under, 2 crates and crate holder for sterilizing bottles.

39, *Delverton Road*. Dairy parted into 2 compartments. Provided bottle capper, dipping crate to fit gas copper for sterilizing bottles.

181, *Manor Place*. Dairy parted into 2 compartments. Provided bottle capper, gully sealed cover, steam sterilizing trough adjusted.

38, *Penton Place*. Dairy parted into 2 compartments. Provided a new gas copper, crates and crate holder, trough with gas jet under, and bottle capper.

64, *Camberwell Road*. Milk machinery removed. Premises now used for milk store and for washing and sterilizing churns and cans.

17, *Sutherland Square*. Dairy constructed in yard—2 compartments. Provided gas copper, metal trough, sterilizing crate to fit copper, 6 other crates, 2 wooden benches, churn trolley, floor incline from shop to yard, and bottle capper.

120, *Trafalgar Street*. Store and bottling room constructed in yard off dairy. Provided and installed high pressure steam boiler (30 lbs. press.), steam turbine brush machine bottle washer, steam metal chest for sterilizing bottles, etc., bottle capper.

21, *Globe Street*. Dairy constructed out of old cowshed—2 compartments. Provided and installed high pressure steam boiler (80 lbs. press.) and usual fittings (Millers Hydro.), bottle washing and sterilizing machine (1,500 bottles per hour), churn steam jet sterilizer.

24, *Great Bland Street*. Dairy parted into 2 compartments. Provided and installed steam generator, auto feed and other fittings (5lb. press.), metal steam sterilizing chest.

2, *Standard Street*. Provided sterilizing crate to fit gas copper, metal trough, stand and bench. Walls and ceilings newly painted.

11, *Tabard Street*. Dairy at rear parted into 2 compartments and enclosed by a new front. Provided new metal trough and sterilizing tank with gas jet under, channel to gully in yard, dipping crates and bottle capper.

95, *Union Road*. Dairy repaved (one gully sealed up), fall to outside gully. New partition dividing wash-up from filling room; milk store separate. Provided and installed steam generator and steam sterilizing chest (metal), 2 cappers. Later, a larger boiler (5 lbs. steam press.) and a larger sterilizing chest were installed in place of the smaller set.

26, *Old Kent Road*. A new dairy constructed in yard—2 compartments. Provided gas copper, 2 metal troughs, crates and bottle capper.

York Place, Darwin Street. Ceiling provided to washing-up premises.

35, *Mason Street*. An enclosed wash-up constructed. Milk bottle filler in milk store, bottle capper. 2 metal troughs and crate to fit copper for sterilizing bottles.

10 and 11, *Sturge Street*. Fitted-up store for bottling milk. Provided 2 crates for sterilizing bottles in copper, crate holder and bottle capper.

Rear 32, *Earl Street*. Old machinery removed. Cold store in dairy converted into bottling room and store. Provided and installed metal trough with gas jet under, 3 crates and crate holder for sterilizing bottles, one metal washing trough, new geyser for boiling water, bottle filler (syphon) and bottle capper. Walls and ceilings repainted.

7, *Charles Street*. A new dairy constructed in yard—2 compartments. Provided and installed gas copper, basket to fit copper for sterilizing bottles, bottle capper. Barrow covered.

26, *Newcomen Street*. Dairy parted into 2 parts. Provided and installed 2 gas coppers—one for washing water and one for sterilizing bottles, etc, 2 crates to fit copper, and bottle capper.

29, *Southwark Street*. Provided and installed metal tank with gas jet under, 3 special crates and crate holder for sterilizing bottles, bottle capper.

Outsider: H. Welch, 7, Osborne Terrace. Provided covered milk van in place of open milk float.

92, *Thurlow Street*. A new dairy constructed in yard—3 compartments; (1) store and bottling, (2) wash-up, etc., (3) barrow. Provided

and installed metal trough, steam generator (2 lb. press.), metal steam sterilizing chest, covered barrow (bottle capper on order),

81, *Thurlow Street*. Bakehouse reconstructed and enlarged by extension on yard. Floors and walls tiled. Old oven front rebuilt. New double-decker steam heated oven. New sink, dough trough, 2 benches, and W.C. (in yard).

5, *Vine Yard*. One new double-decker steam-heated oven installed.

NOXIOUS TRADES.

Situation.	Trade.	Occupier.	Inspections.	Remarks
24, Gt. Suffolk Street	Tripe Boilers..	J. Martin	4	—
Wansey Street ..	Soap Works ..	Holden's Soap Works, Ltd.	8	—
Harrow Street ..	Skin Dressers..	Leeding & Co. ..	6	—

Cleansing, etc., duly carried out.

There are no Cowsheds in the Borough.

BAKEHOUSES.

Particulars at end of year, 1934:—

Position.	In use.	Not in use.	Totals.
Above ground	38	21	59
Under ground	26	8	34
Totals	64	29	93

Periodical cleansing duly carried out.

BUTTER AND MARGARINE FACTORIES, ETC.

4 inspections were made and 6 samples of butter procured and submitted for analysis. They were certified genuine.

Cleansing duly carried out.

There are 19 wholesale dealers in Margarine in the Borough.

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-7.

18 samples of Condensed Milk were procured under the above regulations. They were certified in order.

ARTIFICIAL CREAM ACT, 1929.

Artificial Cream does not appear to be on sale in retail shops in the Borough.

PUBLIC HEALTH (DRIED MILK) REGULATIONS, 1923-7.

6 informal samples of Dried Milk and other foods were purchased and submitted for analysis. They were certified genuine and in order.

MILK AND DAIRIES ORDER, 1926.

2 samples of Cleansing powder were procured and submitted for analysis. They were certified to comply with the said Order.

MERCHANDISE MARKS ACT, 1926, AND ORDERS.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS.

FOOD AND DRUGS (ADULTERATION) ACT, 1928, PART II, ETC.

Special attention has been given at the various premises visited in regard to the carrying out of the above Orders, etc.

Where necessary, these were explained and shop-keepers cautioned. This has had the desired effect, and no contravention of the said Orders has come to the notice of the Inspector.

SALE OF FOOD AND DRUGS AND OTHER ACTS.

Proceedings taken, with the Result.

Name and Address of Vendor.	Sample.	Result of Analysis.	Result of Proceedings.
C. E. Bethell, 19, Crampton Street ..	Crushed Linseed	89 per cent. deficient in oil ..	Fined £2 and £1 1s. costs.
Alice Louisa Bartlett, 15, Law Street ..	Milk	36 per cent. deficient in milk fat ..	Fined £1 and £1 1s. costs.
F. Piper, 143, South Street	Milk	60 per cent. deficient in milk fat ..	Fined £1 and 10s. 6d. costs.
L. Low, 8, Palmerston Street	Vinegar	35 per cent. deficient in acetic acid	Fined £3 and £1 1s. costs.
A. Voysey, 34, Gray Street	Milk	20 per cent. deficient in milk fat ..	Fined £3 and £1 1s. costs.
W. S. Jones, 29, Southwark Street ..	Milk	9 per cent. added water	Dismissed on payment of £1 1s. costs.
J. Evans, 45, Pocock Street	Milk	9 per cent. deficient in milk fat ..	Dismissed on payment of 10s. 6d. costs.
A. W. Treves, 7, Patmos Road, Lambeth	Milk	Filling bottles with milk and capping them on the Public Highway, Newington Butts	Fined £2 and £2 2s. costs.
Do. do. do. do. ..	Milk	Filling bottles with milk and capping them on the Public Highway, Hurlbutt Place	Fined £2.

**POLICE COURT PROCEEDINGS TAKEN UNDER THE
FOOD AND DRUGS ACT.**

9 summonses were taken out during the year 1934.

TABLE 36.

**Showing the Districts in which proceedings were taken under the
Food and Drugs Act.**

	No. 1.	No. 2.	No. 3	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	Total.
Number of Summonses taken out ..	3	1	1	—	1	—	2	—	1	9

The offences for which the above-mentioned summonses were taken out are tabulated hereunder:—

Milk deficient in fat	4 cases
Milk (added water)	1 case
Vinegar deficient in acetic acid	1 case
Filling bottles in public highway	2 cases
Crushed linseed deficient in oil	1 case
Total ..	9 cases

SALE OF FOOD AND DRUGS ACT.

During the year ended 29th December, 1,218 "official" samples were taken by the Inspector.

The following Table shows the localities in which these sample were taken:—

TABLE 37.

Showing the number of samples taken in each District of the Borough during the year.

	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	Total.
Number of samples taken	149	111	129	177	194	126	122	105	105	1218

12 of these samples were certified as adulterated, a percentage of 0.99, as compared with 1.09 in 1933.

Particulars of the samples taken, together with the results of the analyses are given in Tables 38 and 39.

FOOD AND DRUGS ACTS.

TABLE 38.

Return of Official Samples for the Year ending 29th December, 1934, showing the number taken, and the percentage of adulterated Samples for the year.

FORMAL SAMPLES.

Article.	Number of Samples taken.	Adul- terated.
Milk	420	8
Condensed Milk	18	—
Butter	96	—
Margarine	75	—
Lard	55	—
Coffee	12	—
Cocoa	26	—
Tea	29	—
Sugar	38	—
Mustard	9	—
Soup Powder	2	—
Table Jelly	20	—
Brawn	7	—
Liver Sausage	1	—
Cake	11	—
Mixed Spice	6	—
Dripping	8	—
Self-raising Flour	31	—
Pea Soup Flour	15	—
Saxa Salt	4	—
Vinegar	5	2
Cornflour	10	—
Suet and Rice Flour	4	—
Pearl Barley	15	—
Rice	29	—
Semolina	3	—
Tapioca	19	—
Custard Powder	16	—
Mustard Compound	8	—
Sandwich	6	—
Fish Paste	12	—
Oatmeal	4	—
Arrowroot	3	—
Desiccated Soup	1	—
Curry Powder	5	—
Ground Ginger	1	—
Carried forward	1024	10

Article.						Number of Samples taken.	Adul- terated.
Brought forward	..	..	..	..	..	1173	12
Gravy Salt	..	..	..	..	..	8	—
Junket Powder	..	..	..	..	..	1	—
Yorkshire Pudding Powder	..	..	..	..	..	1	—
Sultana Pudding Powder	..	..	..	..	..	1	—
Milk Pudding	..	..	..	..	..	1	—
Saveloys	..	..	..	..	..	1	—
Orangeade	..	..	..	..	..	1	—
Milk Jelly Crystals	..	..	..	..	..	1	—
Swiss Roll	..	..	..	..	..	1	—
Chocolate Cream	..	..	..	..	..	3	—
Milk Chocolate	..	..	..	..	..	5	—
Vanilla Bars	..	..	..	..	..	1	—
Gra-vita Cubes	..	..	..	..	..	1	—
Tomato Soup	..	..	..	..	..	3	—
Lemonade Powder	..	..	..	..	..	3	—
French Coffee	..	..	..	..	..	7	—
Corned Beef	..	..	..	..	..	2	—
Lemon Fizz Tablets	..	..	..	..	..	1	—
Ginger Beer Tablets	..	..	..	..	..	2	—
Ginger Beer Powder	..	..	..	..	..	1	—
Total	..	..	..	..	..	1218	12

Percentage of adulterated samples for the year—0.99

INFORMAL SAMPLES.

In addition to the samples taken under the Food and Drugs Acts as shown in Table 38, 741 samples were purchased informally by the Inspector through his several agents. The whole of these samples were submitted to the Public Analyst for analysis, with the following result:—

TABLE 39.

Article.							Number of samples.	Adulterated.
Milk	..	..	..	..	..	..	49	—
Dried Milk	..	..	..	..	..	..	3	—
Butter	..	..	..	..	..	..	294	—
Lard	..	..	..	..	..	..	99	—
Milk Food	..	..	..	..	..	..	3	—
Vinegar	..	..	..	..	..	..	196	25
Crushed Linseed	..	..	..	..	..	..	96	1
Milk Chocolate	..	..	..	..	..	..	1	—
Total							741	26

Percentage of adulterated samples for the year—3.51.

SECTION F.

**Prevalence of, and Control over,
Infectious and other Diseases.**

SECTION F

Prevalence of, and Control over,
Infections and other Diseases

INFECTIOUS DISEASES.

The number of cases of infectious diseases which occur from year to year is dependent on several factors, chief amongst which are the number of susceptible persons and the risk they run of being infected. The number of susceptibles is an unknown factor and must obviously vary from year to year, but when it reaches a certain maximum (the risk of infection being present), then it is that we experience what we term epidemics. This maximum varies according to the type of disease; for instance, in Measles it appears to occur every second year, and in Scarlet Fever every seventh year, and so it is that epidemics of these fevers can be fairly safely predicted and measures taken to combat them in advance of their arrival.

The risk of infection varies according to the number of "carriers" of the various diseases existing in a given population, and the amount of overcrowding under which that population is living. It is obvious that in the less crowded rural districts the chance of a "disease carrier" spreading infection to a large number of persons and the spread of infection from these to others is more remote than in a densely populated district such as we have in Southwark. The fact that the number of infectious disease cases is perhaps larger in the Borough than in some other less crowded Boroughs is therefore not to be wondered at. The incidence or "attack rate" will be lessened as and when overcrowded conditions are abated.

During the year under review it will be seen from the tables following hereafter that there was a rise in the incidence of certain of the infectious fevers, and a fall in others.

Measles constituted the chief epidemic of the year, and was responsible for 65 deaths, all of which occurred in children under 5 years of age. Resulting from this, it will be found that the Infant Mortality rate has increased.

The number of cases of Diphtheria also increased, and it is worthy of note that there was a greater proportion of deaths than usual from this cause, indicating that the disease was of a slightly greater virulence than usual.

On the other hand, Smallpox gradually waned and towards the summer entirely disappeared. Similarly, the outbreak of Scarlet Fever experienced in 1933 gradually subsided.

It is satisfactory to note that Enteric Fever was entirely absent. whether this is due to the efforts of your staff in the greater supervision now being given to eating houses, ice-cream premises, milk shops, food stalls, etc., remains to be seen. At all events, I feel amply rewarded for my action in making this work a "speciality" by placing it entirely under the supervision of one of your Inspectors—Mr. Syms.

Diarrhoea in young children is a matter of concern because a great deal of it is preventable. Many cases, but not all, are due to filth, wrong feeding, and bad mothercraft. The remedy is education at the Maternity and Child Welfare Centres and increased efforts on the part of our Health Visitors in the homes of the mothers. So convinced am I that this trouble can be lessened by better sanitation and greater efforts of education, that I have, during the past year, instructed the district Sanitary Inspectors to visit and report on the sanitary conditions of the house of every known case of Diarrhoea.

SMALLPOX.

During the year under review 22 cases were notified. The number of cases notified during the last five years is as follows:—

1930	..	106	1933	..	63
1931	..	31	1934	..	22
1932	..	161			

One case in the person of a male aged 16 was removed to hospital from 77, Malyons Road, Lewisham, suffering from Smallpox, on February 14th, and died on February 18th.

He had been staying with relations at 20, Kinglake Street up to January 20th, and was a contact of Julia Kendall, of 4, Smyrks Road.

This death was accepted under the Memorandum respecting the distribution of transferable deaths.

SCARLET FEVER.

Seven hundred and forty-eight cases of this disease were notified during the year. The annual death-rate per 1,000 population for England and Wales was 0.02; for London, 0.02; and for Southwark, 0.03.

The number of cases notified and the number of deaths during the last five years were as follows:—

					Notified.	Deaths.
1930	..	..	..	..	763	4
1931	..	..	..	..	514	3
1932	..	..	..	..	623	4
1933	..	..	..	..	1,268	3
1934	..	..	..	..	748	5

ENTERIC FEVER.

No case of Enteric Fever was notified during the year. The number of cases notified and the number of deaths during the last five years were as follows:—

					Notified.	Deaths.
1930	..	..	..	..	2	1
1931	..	..	..	..	5	1
1932	..	..	..	..	2	—
1933	..	..	..	..	6	3
1934	..	..	..	..	—	—

DIPHTHERIA.

Six hundred cases of this disease were notified, with 21 deaths. The annual death-rate per 1,000 population was 0.10 for England and Wales; 0.11 for London; and 0.13 for Southwark

Antitoxin is supplied free of charge and 27 phials of 8,000 units have been supplied to Medical Practitioners in the Borough during the year.

The number of cases notified and the number of deaths during the last five years were as follows—

					Notified.	Deaths.
1930	..	..	..	..	667	17
1931	..	..	..	..	426	8
1932	..	..	..	..	448	14
1933	..	..	..	..	486	12
1934	..	..	..	..	600	21

SCHICK TESTING AND DIPHTHERIA PREVENTION CLINIC.

This Clinic is held every Thursday afternoon at Sutherland House. Dr. Porter Smith is the Medical Officer in charge of the session.

The attendances are gradually increasing, 303 persons having attended during the year.

The number of patients tested and immunised during the last six years is set out in the following table:—

SCHICK CLINIC 1929-1934.

	Number tested, 0—5.	Inoculation without test.	Immunised.	Number tested, 5—14.	Inoculation without test.	Immunised.	Number tested, Adults.	Immunised.	TOTAL.
1929 (9 months)	23 (4 immune)	20	18	142 (60 immune)	—	46	9 (2 immune)	2	66
1930	27 (4 immune)	16	33	78 (29 immune)	1	86	1 (1 immune)	—	119
1931	34 (3 immune)	23	48	75 (9 immune)	1	67	3 (2 immune)	1	116
1932	67 (11 immune)	66	88	83 (39 immune)	1	45	—	—	133
1933	71 (8 immune)	74	112	171 (67 immune)	8	82	—	—	194
1934	60 (11 immune)	113	147	119 (52 immune)	3	130	7 (5 immune)	—	277

MEASLES.

The number of cases of this disease notified during the year was 2,679. Of these, 1,751 were under five years of age, and 696 were removed to hospital.

One hundred and fifty of those over five were also removed to hospital. All cases treated in their homes were visited by the Health Visitors, who gave advice and instruction where necessary.

The number of deaths from Measles during the last five years will be found hereunder:—

1930	..	77	1933	..	6
1931	..	3	1934	..	65
1932	..	53			

DIARRHOEA.

This disease is notifiable during the months of July, August and September in the Borough of Southwark.

During this period 2 cases were notified, which were kept at home.

Deaths of infants under two years of age during the last five years were as follows:—

1930	..	19	1933	..	32
1931	..	16	1934	..	39
1932	..	34			

WHOOPIING COUGH.

This disease is not notifiable in the Borough, but cases come to the knowledge of the Public Health Department through the medium of the various local hospitals, or the general practitioners; 55 cases were removed to hospital during the year.

The number of fatal cases during the last five years will be found hereunder:—

1930	..	10	1933	..	23
1931	..	18	1934	..	13
1932	..	20			

INFLUENZA.

The deaths from this disease during the last five years were as follows:—

1930	..	20	1933	..	98
1931	..	35	1934	..	24
1932	..	43			

CEREBRO-SPINAL FEVER, ENCEPHALITIS LETHARGICA, AND POLIOMYELITIS.

Twelve cases of Cerebro-Spinal Fever were notified during the year, of which 5 died.

One case of Poliomyelitis was also notified, which was sent to hospital.

Two cases of Encephalitis Lethargica were notified, with 2 deaths.

ACUTE PRIMARY AND INFLUENZAL PNEUMONIA.

One hundred and eighty-one cases were notified during the year, of which 70 were removed to hospital.

There were 34 deaths of these notified cases.

CANCER.

The number of deaths during the last five years, together with a table showing the site of disease, for the period 1934 will be found hereunder:—

1930	..	250	1933	..	288
1931	..	290	1934	..	269
1932	..	263			

TABLE 40.
Deaths from Cancer (1934).

Site of Disease.	Under 15.		15—25.		25—35.		35—45.		45—55.		55—65.		65—75.		75 and over.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Buccal Cavity, Pharynx, Oesophagus, Stomach, Liver and Annexa	—	—	—	—	1	1	8	1	19	12	41	15	28	9	8	12	105	50
Peritoneum, Intestines, Rectum, Bladder.. ..	—	—	—	—	2	—	2	1	1	5	13	7	13	10	11	5	42	28
Genital Organs	—	—	—	—	—	—	—	1	—	6	—	8	1	4	—	2	1	21
Breast	—	—	—	—	—	1	—	1	—	5	—	3	—	6	—	2	—	18
Other and unspecified organs..	—	2	—	—	1	—	—	—	—	—	—	—	—	1	—	—	1	3
	—	2	—	—	4	2	10	4	20	28	54	33	42	30	19	21	149	120

OPHTHALMIA NEONATORUM.

Fourteen cases occurred during the year, as against 19 in 1933. An analysis of the cases will be found hereunder:—

Noti- fied.	Cases treated.		Vision unimpaired.	Vision impaired.	Total Blind- ness.	Deaths.
	At home.	Hospital.				
14	6	8	14	—	—	—

PREVENTION OF BLINDNESS.

A record is kept under the Blind Persons Act, 1920, of all cases under 5 years of age reported from the Welfare Centres.

These are referred to the Metropolitan Society for the Blind.

TABLE 41.
NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1934.

Disease.	0.	1.	5.	10.	15.	20.	25.	35.	45.	55.	65.	75.	85.	Males.	Females.	Total	Cases ad- mitted to Hospital	Total Deaths
Scarlet Fever	6	238	256	134	46	27	30	7	4	—	—	—	—	327	421	748	683	5
Smallpox	—	3	4	3	6	1	4	1	—	—	—	—	—	13	9	22	22	1
Diphtheria	2	214	241	85	24	18	13	2	1	—	—	—	—	270	330	600	598	21
Memb. Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	—	—	—	—	2	3	1	—	—	—	—	—	—	6	6	5	3
Puerperal Pyrexia	—	—	—	—	1	9	8	1	—	—	—	—	—	—	19	19	15	3
Cerebro-Spinal Fever	5	3	—	1	1	1	1	—	—	—	—	—	—	7	5	12	12	5
Measles	132	1619	832	56	14	17	5	3	1	—	—	—	—	1329	1350	2679	846	65
Malaria	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	1	1	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epidemic Diarrhoea	1	1	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—
Encephalitis Lethargica	—	1	—	—	—	—	—	1	—	—	—	—	—	2	—	2	2	2
Pneumonia	1	23	9	11	15	19	20	27	29	18	7	2	—	125	56	181	70	34
Ophthalmia Neonatorum	14	—	—	—	—	—	—	—	—	—	—	—	—	6	8	14	8	—
Erysipelas	2	1	2	1	5	3	11	21	20	19	11	2	—	50	48	98	57	—
Polio-Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Myelitis	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—
Chickenpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	163	2103	1345	291	112	97	96	64	55	37	18	4	—	2133	2252	4385	2320	139

TABLE 42.

Return of Families Admitted into the Council's Reception House during the year 1934.

1934.	Scarlet Fever.			Diphtheria.			Smallpox.			Other Diseases, etc.			Verminous Persons.		
Week ending	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days
Jan. 6 ..	—	—	—	—	—	—	1	7	14	—	—	—	—	—	—
„ 13 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 20 ..	1	4	8	—	—	—	—	—	—	—	—	—	—	—	—
„ 27 ..	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—
Feb. 3 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 10 ..	1	4	8	—	—	—	1	4	8	—	—	—	—	—	—
„ 17 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 24 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 3 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 10 ..	—	—	—	—	—	—	—	—	—	1	1	1	—	—	—
„ 17 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 24 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 31 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 7 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 14 ..	1	1	2	1	5	10	—	—	—	—	—	—	—	—	—
„ 21 ..	1	2	4	1	3	6	—	—	—	—	—	—	—	—	—
„ 28 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May 5 ..	—	—	—	—	—	—	1	5	10	—	—	—	—	—	—
„ 12 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 19 ..	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
„ 26 ..	—	—	—	—	—	—	—	—	—	—	—	—	2	6	12
June 2 ..	—	—	—	—	—	—	—	—	—	—	—	—	2	5	10
„ 9 ..	—	—	—	—	—	—	—	—	—	—	—	—	2	3	6
„ 16 ..	1	2	4	—	—	—	—	—	—	—	—	—	—	—	—
„ 23 ..	—	—	—	1	3	6	—	—	—	—	—	—	—	—	—
„ 30 ..	—	—	—	1	7	21	—	—	—	—	—	—	—	—	—

Bright. forwd.	6	14	27	5	22	55	3	16	32	1	1	1	6	14	28
July 7 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 14 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 21 ..	—	—	—	1	7	14	—	—	—	—	—	—	—	—	—
„ 28 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aug. 4 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 11 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 18 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 25 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sept. 1 ..	—	—	—	1	4	8	—	—	—	—	—	—	—	—	—
„ 8 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 15 ..	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—
„ 22 ..	—	—	—	—	—	—	—	—	—	—	—	—	1	4	8
„ 29 ..	—	—	—	—	—	—	—	—	—	—	—	—	1	7	14
Oct. 6 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 13 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 20 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 27 ..	—	—	—	1	4	8	—	—	—	—	—	—	1	3	9
Nov. 3 ..	1	2	4	—	—	—	—	—	—	—	—	—	—	—	—
„ 10 ..	1	3	6	—	—	—	—	—	—	—	—	—	—	—	—
„ 17 ..	—	—	—	—	—	—	—	—	—	—	—	—	1	4	8
„ 24 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dec. 1 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 8 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 15 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 22 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 29 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total ..	8	19	37	9	41	97	3	16	32	1	1	1	10	32	67

DISINFECTION.

The total number of disinfections of rooms during the year by the Council's disinfecting staff was 1,721. Of this number 1,528 rooms were disinfected after the occurrence of the ordinary notifiable infectious diseases, and 193 after cases of phthisis.

1,627 verminous rooms were sulphured and otherwise cleansed by the Council's staff during the year, as against 1,449 in 1933.

Among the total number of disinfections (1,721) it was found necessary to strip 2 rooms.

TABLE 43.

Bedding, etc., disinfected and destroyed after the occurrence of Infectious Disease during the year 1934.

Articles.	No. Disinfected.	No. Destroyed.
Beds	929	83
Palliasses	844	81
Bolsters	735	25
Pillows	2,087	62
Cushions	264	71
Blankets	2,367	21
Sheets	1,300	16
Quilts	1,579	17
Articles of Clothing, etc.	29,175	236
Books	554	—
Total	39,834	612

TABLE 44.
PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 1st January, 1934, to the 31st December, 1934,
in the Metropolitan Borough of Southwark.

Age-periods	Notifications on Form A.													Total Noti- fications on Form A.
	Number of Primary Notifications.													
	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 and upw'rds	Total Primary Notifi- cations.		
Pulmonary Males ..	—	4	2	4	14	28	41	35	36	18	10	192	218	
,, Females ..	—	—	3	5	15	24	25	19	17	4	5	117	130	
Non-Pulmonary Males..	—	—	6	8	5	2	1	1	—	1	1	25	28	
,, ,, Females	—	5	6	1	5	2	2	1	1	1	—	24	25	

PRIMARY NOTIFICATIONS relate to patients who have not previously been formally notified in the area to which the return relates. Any additional notification of a case which has been previously notified in the area is to be regarded as duplicate.

TABLE 45.

SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health or Chief (Administrative) Tuberculosis Officer during the period from the 1st January, 1934, to the 31st December, 1934, otherwise than by notification on Form A or Form B under the Public Health (Tuberculosis) Regulations, 1912.

Age Periods ..	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 & upwards	Total Cases
Pulmonary Males ..	—	—	—	—	—	4	8	4	5	1	—	22
,, Females ..	—	—	—	—	1	2	3	1	1	—	—	8
Non-pulmonary Males	1	2	2	—	—	1	—	—	—	—	—	6
,, ,, Females	—	2	1	—	1	—	—	—	—	—	—	4

DEATHS FROM PULMONARY TUBERCULOSIS.

TABLE 46.

Shewing the number of Patients who died in their own homes and the number who died away from home in Hospitals or other Institutions, 1934.

	0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-	ALL AGES.		
												Males.	Females.	TOTAL.
Number of patients who died at home	—	—	—	—	8	9	10	9	4	2	—	24	18	42
Number of patients who died in hospitals, etc. .. .	—	—	—	8	13	27	13	18	13	7	1	62	38	100
	—	—	—	8	21	36	23	27	17	9	1	86	56	142

Of the total number of deaths from Pulmonary Tuberculosis 70.4 per cent. occurred in hospitals or other institutions.

TABLE 47.

TUBERCULOSIS.

Age Periods.	New Cases.*		Deaths.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
0.. ..	—	1	—	3
1.. ..	4	9	—	2
5.. ..	14	24	8	3
15.. ..	88	16	21	5
25.. ..	77	3	36	—
35.. ..	59	2	23	1
45.. ..	59	1	27	3
55.. ..	23	2	17	—
65 and upwards..	15	1	10	1
TOTAL ..	339	59	142	18

(1) The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 1 in 35.

This figure is represented in 4 deaths; and as a result of post-mortem examination these were all found to be suffering from tuberculosis.

There is no evidence of wilful neglect on the part of the private practitioner to notify, neither is there evidence of excessive incidence of or mortality from tuberculosis, in any particular occupation in the Borough.

The number of notified cases and deaths for the last five years is as follows:—

					Notified.	Deaths.
1930	..	..	..	..	339	210
1931	..	..	..	..	312	208
1932	..	..	..	..	329	171
1933	..	..	..	..	285	172
1934	..	..	..	..	339	142

The mortality rate was 0.89 per 1,000, as against 1.04 per 1,000 in 1933.

The following tables give, in tabular form, the number of cases of Tuberculosis on the Medical Officer's Register; the number of new cases coming to the knowledge of the Medical Officer of Health, and the number of deaths from Tuberculosis for the period under review.

TABLE 48.
Notification Register.

	PULMONARY.			NON-PULMONARY.			Total Cases.
	Males.	Females.	Total.	Males.	Females.	Total.	
Number of cases of Tuberculosis remaining at the 31st December, 1934, on the Registers of Notifications kept by the Medical Officer of Health of the Metropolitan Borough	804	450	1254	237	196	433	1687
Number of cases removed from the Register(s) during the year by reason <i>inter alia</i> of:—	155	114	269	39	34	73	342
(1) Withdrawal of notification	68	51	119	22	22	44	163
(2) Recovery from the disease	5	3	8	5	5	10	18
(3) Deaths	82	60	142	12	7	19	161

Disinfection was carried out as follows :—

TABLE 49.

The Locality of the Rooms Disinfected after the occurrence of Phthisis.

	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	TOTAL.
Disinfected	35	22	30	25	14	29	24	7	7	193

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS 1925.

It was unnecessary to take action under these Regulations during the year.

WORK OF THE TUBERCULOSIS DISPENSARY.

The following report has been received from Dr. Crowe, your Clinical Tuberculosis Officer :—

The work of the Dispensary was carried out as usual during the year, the sessions being held as follows :—

Tuesday	} 9.30—12.	Tuesday	} 6—8 p.m.
Thursday		Thursday	
Saturday			

The number of new cases examined and the total number of attendances etc., at the Dispensary will be found in Table No. 50.

Each Wednesday morning has been given up to the home visiting of patients by the Tuberculosis Officer, and during the period under review 346 such visits have been paid.

Special medical reports, numbering 58, have been sent to the Medical Officer of Health recommending preferential housing accommodation for families in which there are one or more cases of Tuberculosis.

It is very gratifying to be able to report that the Handicraft Centre, inaugurated during the latter part of the year 1932, is now having a much larger average attendance of patients each week. Owing to the enthusiastic

keenness of the teacher appointed by the L.C.C. and of the whole-hearted enthusiasm of the Honorary Organiser, the type of work done is improving, and the patients themselves thoroughly enjoy each Wednesday afternoon spent in happy occupation. The work done includes the making of wool rug mats, coloured trays, fireside stools, embroidery, small leather articles and gloves.

In October the Southwark Handicraft Class took part in the Exhibition and Sale of Work held at the Carpenter's Hall. This Exhibition showed work made at all the Classes run in connection with Tuberculosis Dispensaries in London.

The usual Sale of Work was also held at the Dispensary in December, when £16 was raised. This amount, together with the £9 12s. 6d. made at the Sale at Carpenter's Hall, was divided between the General Fund and the patients whose work had been sold.

DIAGNOSIS OF TUBERCULOSIS.

For the purposes of investigation and diagnosis, 102 patients were sent to Guy's Hospital for X-Ray examination during the year.

510 specimens of sputum were examined by the Public Analyst for Dispensary patients.

PROVISION OF EXTRA NOURISHMENT.

Extra nourishment is allowed, under the Ministry of Health Regulations, to be given to patients attending the Dispensary and who are in need of food of a nourishing nature. During the year allowances of milk, bacon, butter and eggs have been made to 73 such patients.

Recommendations for extra nourishment for patients in receipt of public assistance have been made to the appropriate Committees of that Authority and all such cases have received careful consideration.

Many cases requiring help in regard to obtaining necessary clothing have been sent to the Public Assistance Committee, with most satisfactory results.

Most useful help has also been rendered in various ways by the Charity Organisation Society, the British Red Cross, the United Services Fund and the National Association for the Prevention of Tuberculosis.

SUPERVISION OF HOME CONDITIONS.

The three Tuberculosis Nurses on the Dispensary Staff visit all notified cases of Tuberculosis occurring in the Borough.

The Tuberculosis Officer receives from the Nurses reports relating to the home conditions of all patients.

As this part of the work is so important an item in preventing the spread of Tuberculosis, the homes are visited at frequent intervals, and the Nurses instruct the patients how best to obtain the maximum of benefit for their health while remaining at home. At the same time they suggest as to how the home conditions can be arranged to prevent other members of the families contracting the disease by infection. Instruction is given in simple precautionary measures which can easily be carried out in the home, and the confidence of the patients is obtained by these frequent and friendly visits.

Contacts are encouraged to attend the Dispensary for examination, and in the case of delicate members of the family, for constant supervision by the Tuberculosis Officer.

During the year 4,366 such visits were paid by the Nurses.

ISSUE OF SHELTERS, ETC.

Patients who have either yards or gardens attached to their homes, are lent Shelters, and this enables them to sleep and live in the open-air and, at the same time, helps to overcome overcrowding difficulties in the home.

In the case of patients who are unable to afford an extra bedstead when it is desirable that better sleeping accommodation should be arranged, bedsteads are lent from the Dispensary.

HOME NURSING.

The Ranyard Nursing Association and the Benson Nursing Association have carried out home nursing to bed-ridden patients who have been either unwilling to enter an L.C.C. Hospital, or who have been too ill to be transferred to an Institution.

CO-ORDINATION OF DISPENSARY WITH OTHER HEALTH SERVICES.

There has, as in previous years, been complete co-ordination between the L.C.C., the School Medical Services and the Maternity and Child Welfare Services of the Borough.

The relations between the L.C.C., the Ministry of Pensions and the Medical Practitioners in the district and the Dispensary have been most satisfactory.

Saturday morning session at the Dispensary is given over entirely to the examination of children under, and of, school age.

Children of school age, who are examined as contacts of definite cases of Pulmonary Tuberculosis are referred to the School Medical Service for constant supervision. If at any time the School Medical Officer considers the health of these children is giving rise to anxiety, they are again referred back to the Dispensary for further examination and careful supervision by the Tuberculosis Officer.

INSTITUTIONAL TREATMENT.

Recommendations to the London County Council, for Sanatorium treatment, numbered 274 during the year. To the same authority 37 recommendations were made for patients to be admitted to Hospital for the purposes of observation and diagnosis.

After Sanatorium treatment had been completed 13 children were recommended for attendance at Open-Air School.

71 patients who, on account of their condition were considered to be unsuitable for Sanatorium treatment, were recommended to the L.C.C. for admission to one of the General Hospitals.

The number of persons recommended for Convalescent treatment was 4.

The total number of recommendations to the L.C.C. for all forms of Institutional treatment was 399.

NON-PULMONARY TUBERCULOSIS.

The L.C.C. send all cases of Surgical Tuberculosis, such as Tuberculosis of Bones, Joints and Glands, to special Sanatoria which deal only with this type of case.

On their return home after Sanatorium treatment, arrangements are made for their attendance for supervision at either the Orthopaedic Department of a Hospital, or at the After-Care Clinic, held at the County Hall, of the Medical Superintendent of the Sanatorium at which their treatment was obtained.

Artificial Sunlight treatment has been carried out at Guy's Hospital, on the recommendation of the Tuberculosis Officer, for one case of long-standing Lupus of the Palate.

ARTIFICIAL PNEUMOTHORAX TREATMENT.

Many cases of Pulmonary Tuberculosis receive this form of treatment with, generally speaking, most satisfactory results.

In many instances the treatment is begun whilst the patient is in Sanatorium, and as the refills have to be given at frequent intervals and, in most cases, for a period of from two to three years, the refills are continued when they return home and, in a number of cases, after they have resumed work.

The length of this treatment varies, according to the condition of the patient's chest, and the extension of the disease.

Thirty-five patients received such treatment in the Out-Patient Departments of Guy's, St. Thomas's, Brompton and other Hospitals.

During the year the cost of such treatment to the Borough Council was £206 7s. 6d., the Hospitals concerned being paid 10s. 6d. for each Artificial Pneumothorax refill given.

COLONY TRAINING.

In 1932 a woman patient was admitted by the L.C.C. to Papworth and was colonised. She writes stating that she is very well and very happy in her life.

It is hoped that an ex-Service man, recommended for Papworth will, with his wife and family, also be colonised before very long.

INVALID CHILDREN'S AID ASSOCIATION.

All suspected cases of tuberculous children examined at the Dispensary, but proved to be not suffering from the disease, are, when considered necessary, referred to the Invalid Children's Aid Association for Convalescent treatment at either Seaside or Country Homes.

The boarding out of children who are living at home in contact with a case of Pulmonary Tuberculosis, is also arranged by this Association, on the instruction of the L.C.C. This boarding out scheme is also eligible, and very often taken advantage of, when the mother is admitted to a Sanatorium or Hospital, and when arrangements cannot be made with relatives for the satisfactory care of the children.

During the year, 88 children were dealt with under this scheme.

For the three months—from June to the beginning of September, the work of Clinical Tuberculosis Officer, was undertaken by Dr. E. K. Pritchard, owing to Dr. Crowe being granted leave of absence on health grounds.

Since October Dr. Crowe has been paying weekly visits, in the capacity of Consultant, to St. Giles's Hospital, and special attention is given to all Southwark patients in the Hospital.

Previously to this period Dr. Crowe visited at Dulwich Hospital.

TUBERCULOSIS CARE COMMITTEE.

Miss Ashe has kindly sent me a full report on the year's work of the above Committee.

One important change took place in 1934. The London County Council made all treatment free, both for the patients themselves, and for sending their children to homes as contacts.

Out of the 395 adult cases dealt with this year by our Committee, various societies have been approached to help them in many different ways, and this help is usually given. 244 requests for help have been sent. Clothes have to be provided, allowances for the family when the wage-earner is in hospital, nourishment on their return, help until work is resumed or unemployment benefit paid, and various other ways, peculiar to each family.

The Committee have no funds at all, but extra nourishment is provided within certain rules by our Tuberculosis Officer. Our hearty thanks are due to the various societies and individuals who come to our aid. Firstly, to the two branches of the Invalid Children's Aid Society, who have taken the whole work for the 65 children's cases which have been referred to our Committee. We also wish to thank the Public Assistance Committee for their readiness to provide clothes, and the courtesy with which allowances are given to needy cases.

Societies who have given ample and ready help are as follows:—Soldiers' and Sailors' Help Society, Charity Organisation Society, United Services Fund and British Legion, Invalid Kitchens for London, Personal Service Association, National Society for the Prevention of

Tuberculosis, Society for Relief of Distress, Red Cross Emergency Committee, Friends of the Poor, Newspapers' Benevolent Associations, Royal Artillery Fund, Royal Army Medical Corps, Royal Army Service Corps. In addition, and for the first time, we have obtained a magnificent gift of clothing from Queen Mary's Needlework Guild.

We still urgently need funds of our own, for many people sent to hospitals and sanatoria are quite without means, and would be in a very hard position if pocket money was not provided. We make great efforts to do this, and have at present 17 men and women to whom we send small sums for weekly allowances.

For the first time, this year we took part in the Christmas Seal Sale of the National Society for the Prevention of Tuberculosis; we were not very successful and the result was a little under three pounds. Odd sums are often needed when people return home and sign off the National Insurance, and require this gap filled up before they can get unemployment benefit, or receive their wages as the case may be, and where time does not permit their being referred to a society for help.

An example of this may be cited in the case of a woman, separated from her husband, receiving 10s. for support from her boy, living with her mother who has an old age pension; the boy earns 10s.; her National Insurance exhausted as she had only worked a limited time. She has signed on for out-of-work pay, but in the meantime, when rent and insurance were paid, there was only 10s. net for the three of them, and extra nourishment from our Tuberculosis Officer. Help had to be given to tide her over until out-of-work pay was received.

Again a rather spoilt young girl who would have come home if her mother's fare had not been paid to go and see her. Foolish of the girl, no doubt, but it would have been a great pity to stop her treatment for such a trifle—12s. or 14s. There are many other cases such as these which have to be met.

Our Committee meets weekly and consists of our Tuberculosis Officer who is Chairman, 3 Nurses from the Dispensary, 2 representatives of the Invalid Children's Aid Society, 2 representatives from the Borough Council, 2 representatives from the Public Assistance Committee, 1 representative from the Charity Organisation Society, 1 representative of the local Association of L.C.C. School Care Committees, the District Organiser of L.C.C. School Care Committees, 1 representative of National Health Insurance Approved Societies, 1 representative of the Soldiers' and Sailors' Help Society, 1 representative of the British Legion, and 1 representative of the United Services Fund, all these are appointed yearly by the Borough Council.

The attendance at the Committee is very good, and much interest is shown. Considerable discussion takes place, and many extra cases are brought up as Special Cases.

We are very glad to report that our Handicraft Class is proving a great success. It meets weekly, and the London County Council send an excellent teacher. The average attendance is 16. The success is largely due to our organiser, Mrs. Ollard, who, by her unfailing care, tact and attention, has won the confidence of the pupil, and also to the Nurses, who encourage the pupils to begin the class.

The pupils soon learn to make many useful and attractive things, which were shown at the exhibition and sale at Carpenters Hall, where they realised £9 12s. 6d.

Later, another sale was held at the Dispensary at Southwark, where they made £16. The class comprises both men and women, who are very interested in, and proud of, their work. It has an excellent effect on their health and spirits, creating as it does a new interest in life. It is called the Mayor of Southwark's Handicraft Class, and we have always obtained co-operation and help from our Mayor.

We look forward with hope to the coming year. If slums are cleared away and new houses and flats built, it will aid our fight against the old enemy tuberculosis.

W. STOTT,

Medical Officer of Health.

TABLE 50.

Return for the year 1934.

(A) Return showing the work of the Dispensary (or Dispensaries).

DIAGNOSIS.	PULMONARY.				NON-PULMONARY				TOTAL.				GRAND TOTAL.
	Adults		Children		Adults		Children		Adults		Children		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.—NEW CASES examined during the year (excluding contacts):—													
(a) Definitely tuberculous ..	116	67	4	2	10	6	11	6	126	73	15	8	222
(b) Diagnosis not completed ..	13	11	5	5	—	2	3	—	13	13	8	5	39
(c) Non-tuberculous ..	37	33	9	4	1	2	2	—	38	35	11	4	88
B.—CONTACTS examined during the year:—													
(a) Definitely tuberculous ..	6	9	1	1	1	—	—	—	7	9	1	1	18
(b) Diagnosis not completed ..	—	—	3	2	—	—	1	1	—	—	4	3	7
(c) Non-tuberculous ..	68	99	67	85	—	—	—	—	68	99	67	85	319
C.—CASES written off the Dispensary Register as:—													
(a) Recovered	3	4	1	1	—	—	7	3	3	4	8	4	19
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous) ..	105	134	76	89	1	2	3	—	106	136	79	89	410
D.—NUMBER OF CASES on Dispensary Register on December 31st:—													
(a) Definitely tuberculous ..	292	186	16	20	26	36	31	34	318	222	47	54	641
(b) Diagnosis not completed ..	13	11	8	7	—	2	4	1	13	13	12	8	46
1. Number of cases on Dispensary Register on January 1st ..	627			2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years									57
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of"	150			4. Cases written off during the year as Dead (all causes)									111
5. Number of attendances at the Dispensary (including Contacts) ..	3130			6. Number of Insured Persons under Domiciliary Treatment on the 31st December									70
7. Number of consultations with medical practitioners:—				8. Number of visits by Tuberculosis Officers to homes (including personal consultations) ..									346
(a) Personal	41												
(b) Other	212												
9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes	3430			10. Number of:—									
				(a) Specimens of sputum, etc., examined									550
				(b) X-ray examinations made in connection with Dispensary work.									103
11. Number of "Recovered" cases restored to Dispensary Register, and included in A (a) and A (b) above	4			12. Number of "T.B. plus" cases on Dispensary Register on December 31st.. .. .									332

(B) Number of Dispensaries for the treatment of Tuberculosis (excluding centres used only for special forms of treatment). Provided by the Council—One.

SECTION APPENDIX.

**Statistics of Metropolitan Boroughs,
1933-34.**

TABLE

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SECTION APPENDIX

Statistics of Metropolitan Boroughs

1933-34

1.—Area and Population.

Metropolitan borough. 1	Area (land and inland water only). 2	Population.				
		Census of 1921. 3	Census of 1931. 4	Increase (+) or decrease (—), 1921-31. 5	Number of persons per acre, 1931. 6	Estimated mid-1933. (Resident). 7
	acres.					
<i>City of London</i>	677	13,709	10,999	— 2,710	16.2	10,200
Battersea	2,163	167,739	159,552	— 8,187	73.8	154,000
Bermondsey	1,503	119,452	111,542	— 7,910	74.2	107,300
Bethnal Green	760	117,238	108,194	— 9,044	142.4	104,200
Camberwell	4,480	267,198	251,294	—15,904	56.1	243,700
Chelsea	660	63,697	59,031	— 4,666	89.4	58,850
Deptford	1,564	112,534	106,891	— 5,643	68.3	102,800
Finsbury	587	75,995	69,888	— 6,107	119.1	66,640
Fulham	1,706	157,938	150,928	— 7,010	88.5	148,200
Greenwich	3,858	100,450	100,924	+ 474	26.2	97,830
Hackney	3,287	222,142	215,333	— 6,809	65.5	214,300
Hammersmith	2,287	130,295	135,523	+ 5,228	59.3	131,400
Hampstead	2,265	86,153	88,947	+ 2,794	39.3	90,380
Holborn	406	43,192	38,860	— 4,332	95.7	36,050
Islington	3,092	330,737	321,795	— 8,942	104.1	314,200
Kensington	2,290	175,859	180,677	+ 4,818	78.9	181,100
Lambeth	4,083	302,868	296,147	— 6,721	72.5	289,000
Lewisham	7,015	174,194	219,953	+45,759	31.4	221,100
Paddington	1,357	144,261	144,923	+ 662	106.8	141,900
Poplar	2,331	162,578	155,089	— 7,489	66.5	149,300
St. Marylebone	1,473	104,173	97,627	— 6,546	66.3	94,080
St. Pancras	2,694	211,366	198,133	—13,233	73.5	190,900
Shoreditch	658	104,248	97,042	— 7,206	147.5	93,550
Southwark	1,132	184,404	171,695	—12,709	151.7	164,700
Stepney	1,766	249,657	225,238	—24,419	127.5	219,100
Stoke Newington	864	52,172	51,208	— 964	59.3	51,120
Wandsworth	9,107	328,307	353,110	+24,803	38.8	350,200
Westminster (City)	2,503	141,578	129,579	—11,999	51.8	126,300
Woolwich	8,282	140,389	146,881	+ 6,492	17.7	146,200
Total, Administrative County of London	74,850	4,484,523	4,397,003	—87,520	58.7	4,298,600

2.—Births, 1933.

Metropolitan borough. 1	Live births.			Birth-rate per 1,000 population. 5	Illegitimate births per cent. of total births. 6	Still- births. 7
	Legitimate. 2	Illegitimate. 3	Total. 4			
<i>City of London</i>	70	7	77	7.5	9.1	5
Battersea	2,162	101	2,263	14.7	4.5	65
Bermondsey	1,467	33	1,500	14.0	2.2	52
Bethnal Green	1,450	44	1,494	14.3	2.9	38
Camberwell	3,148	99	3,247	13.3	3.1	106
Chelsea	577	48	625	10.6	7.7	17
Deptford	1,469	51	1,520	14.8	3.4	56
Finsbury	954	56	1,010	15.2	5.5	24
Fulham	1,806	132	1,938	13.1	6.8	65
Greenwich	1,292	47	1,339	13.7	3.5	40
Hackney	2,898	106	3,004	14.0	3.5	113
Hammersmith	1,706	121	1,827	13.9	6.6	66
Hampstead	776	88	864	9.6	10.2	29
Holborn	288	54	342	9.5	15.8	18
Islington	4,345	226	4,571	14.5	4.9	159
Kensington	1,964	201	2,165	12.0	9.3	75
Lambeth	3,703	239	3,942	13.6	6.1	147
Lewisham	2,607	95	2,702	12.2	3.5	86
Paddington	1,661	245	1,906	13.4	12.9	95
Poplar	2,236	59	2,295	15.4	2.6	59
St. Marylebone	802	114	916	9.7	12.4	36
St. Pancras	2,359	232	2,591	13.6	9.0	88
Shoreditch	1,443	51	1,494	16.0	3.4	55
Southwark	2,218	111	2,329	14.1	4.8	85
Stepney	3,198	120	3,318	15.1	3.6	101
Stoke Newington	613	33	646	12.6	5.1	20
Wandsworth	3,632	215	3,847	11.0	5.6	142
Westminster (City)	971	143	1,114	8.8	12.8	38
Woolwich	1,789	68	1,857	12.7	3.7	54
Total, Administrative County of London ..	53,604	3,139	56,743	13.2	5.5	1,934

3.—Deaths, 1933.

Metropolitan borough. 1	Deaths. 2	Death-rate per 1,000 population. 3	Infant deaths (under one year). 4	Infant mortality, per 1,000 births. 5	Deaths from tuberculosis (all forms). 6	Natural increase +) or decrease (-) (a). 7
<i>City of London</i>	109	10.7	5	65	8	— 32
Battersea	1,924	12.5	112	49	146	+ 339
Bermondsey	1,334	12.4	93	62	118	+ 166
Bethnal Green	1,306	12.5	99	66	88	+ 188
Camberwell	3,005	12.3	160	49	245	+ 242
Chelsea	801	13.6	49	78	39	— 176
Deptford	1,247	12.1	82	54	104	+ 273
Finsbury	852	12.8	52	51	84	+ 158
Fulham	1,927	13.0	126	65	141	+ 11
Greenwich	1,165	11.9	89	66	108	+ 174
Hackney	2,474	11.5	152	51	196	+ 530
Hammersmith	1,690	12.9	119	65	150	+ 137
Hampstead	994	11.0	33	38	40	— 130
Holborn	486	13.5	24	70	29	— 144
Islington	3,969	12.6	289	63	316	+ 602
Kensington	2,336	12.9	157	73	138	— 171
Lambeth	3,789	13.1	249	63	274	+ 153
Lewisham	2,271	10.3	107	40	160	+ 431
Paddington	1,896	13.4	163	86	104	+ 10
Poplar	1,859	12.5	125	54	147	+ 436
St. Marylebone	1,224	13.0	51	56	68	— 308
St. Pancras	2,608	13.7	151	58	195	— 17
Shoreditch	1,212	13.0	110	74	98	+ 282
Southwark	2,298	14.0	147	63	235	+ 31
Stepney	2,834	12.9	214	64	193	+ 484
Stoke Newington	628	12.3	30	46	33	+ 18
Wandsworth	4,087	11.7	198	51	302	— 240
Westminster (City)	1,577	12.5	75	67	102	— 463
Woolwich	1,634	11.2	116	62	135	+ 223
Total, Administrative County of London ..	53,536	12.5	3,377	60	3,996	+ 3,207

(a) "Natural increase" is the excess of births over deaths; "natural decrease" is the excess of deaths over births

4.—The Franchise.

Metropolitan borough.	Local Government Electorate, 15th Oct., 1934—14th Oct., 1935.			Metropolitan Borough Council Elections, November, 1931.			
	Males.	Females.	Total.	Number of electors.	Number of electors in con- tested wards.	Number voting.	Percentage voting.
1	2	3	4	5	6	7	8
<i>City of London</i> ..	21,408	3,171	24,579	—	—	—	—
Battersea ..	34,998	40,740	75,738	77,500	77,500	28,807	37·2
Bermondsey ..	23,925	26,470	50,395	52,979	52,979	21,643	40·9
Bethnal Green ..	21,253	23,348	44,601	45,937	45,937	13,677	29·8
Camberwell ..	56,770	67,516	124,286	127,493	127,493	40,861	32·1
Chelsea ..	10,952	15,308	26,260	26,431	11,024	2,858	25·9
Deptford ..	25,938	30,038	55,976	56,235	51,714	21,439	41·5
Finsbury ..	15,785	16,080	31,865	33,893	33,188	10,986	33·1
Fulham ..	33,808	41,102	74,910	76,076	76,076	22,926	30·1
Greenwich ..	22,073	25,382	47,455	47,448	47,448	19,908	42·0
Hackney ..	47,077	54,671	101,748	101,508	101,508	28,525	28·1
Hammersmith ..	12,972	16,205	29,177	63,366	63,366	20,942	33·0
Hampstead ..	17,046	23,897	40,943	39,811	39,811	10,783	27·1
Holborn ..	12,075	9,953	22,028	22,296	—	—	—
Islington ..	71,085	84,193	155,278	158,455	158,455	39,339	24·8
Kensington ..	33,528	46,427	79,955	80,599	44,081	12,972	29·4
Lambeth ..	63,610	76,006	139,616	141,050	141,050	35,285	25·0
Lewisham ..	52,804	61,774	114,578	111,302	111,302	35,916	32·3
Paddington ..	27,208	36,051	63,259	64,573	42,707	12,298	28·8
Poplar ..	—	—	—	70,115	41,139	12,890	31·3
St. Marylebone ..	19,923	24,691	44,614	46,525	40,692	12,922	31·8
St. Pancras ..	39,701	47,974	87,675	90,748	90,748	29,037	32·0
Shoreditch ..	21,785	22,402	44,187	46,080	46,080	12,458	27·0
Southwark ..	—	—	—	81,664	81,664	20,207	24·8
Stepney ..	36,524	40,379	76,903	77,862	77,862	25,483	32·7
Stoke Newington ..	11,109	13,354	24,463	24,624	22,259	6,833	30·7
Wandsworth ..	—	—	—	178,234	178,234	53,287	29·9
Westminster (City) ..	30,270	28,694	58,964	59,447	32,766	9,788	29·9
Woolwich ..	35,266	39,261	74,527	72,526	72,526	35,241	48·6
Total ..	—	—	—	2,074,777	1,909,609	597,311	31·3

5.—Valuation.

Metropolitan borough.	Net annual value, 6th April, 1934 (a) (b).	Rateable value, 6th April, 1934 (a).			Produce of 1d. County rate.
		Amount.	Per head of population, 1933 (c).	Per acre.	
1	2	3	4	5	6
	£	£	£	£	£
<i>City of London</i>	9,325,468	8,902,941	872.8	13,151	37,096
Battersea	1,229,176	1,085,473	7.0	502	4,523
Bermondsey	1,208,075	873,200	8.1	581	3,638
Bethnal Green	627,919	520,436	5.0	685	2,168
Camberwell	1,694,558	1,619,357	6.6	361	6,747
Chelsea	1,245,625	1,231,377	20.9	1,866	5,131
Deptford	738,763	655,575	6.4	419	2,732
Finsbury	1,548,470	1,228,097	18.4	2,092	5,117
Fulham	1,206,599	1,148,006	7.7	673	4,783
Greenwich	1,027,034	939,558	9.6	244	3,915
Hackney	1,601,372	1,454,077	6.8	442	6,059
Hammersmith	1,245,898	1,148,584	8.7	503	4,786
Hampstead	1,509,587	1,487,626	16.5	657	6,198
Holborn	1,797,817	1,724,898	47.9	4,250	7,187
Islington	2,284,646	2,133,800	6.8	690	8,891
Kensington	3,372,440	3,327,568	18.4	1,453	13,865
Lambeth	2,487,257	2,304,515	8.0	564	9,602
Lewisham	1,719,810	1,665,385	7.5	237	6,939
Paddington	1,884,471	1,806,892	12.7	1,332	7,529
Poplar	952,351	746,789	5.0	321	3,112
St. Marylebone	3,315,463	3,203,522	34.1	2,175	13,348
St. Pancras	2,390,655	2,096,692	11.0	778	8,736
Shoreditch	1,097,001	845,873	9.0	1,285	3,524
Southwark	1,537,418	1,323,087	8.0	1,169	5,513
Stepney	2,011,843	1,708,452	7.8	968	7,119
Stoke Newington	432,164	415,480	8.1	480	1,731
Wandsworth	3,130,591	3,026,594	8.6	332	12,611
Westminster (City)	11,288,196	11,083,440	87.8	4,428	46,181
Woolwich	1,213,909	1,070,274	7.3	129	4,459
Total, Administrative County of London..	65,124,576	60,777,568	14.1	812	253,240

(a) Subject to revision.

(b) Net annual value.—For purposes of comparison with rateable value the figures of net annual value include Government property in all cases.

(c) Based upon the Registrar-General's estimated resident population, mid-1933.

6.—Rates made as shown by demand notes, 1933-34.

Metropolitan Borough.	General rate made, 1933-34.							Total General Rate made, 1934-35. (a)
	Services of the			Deduct in respect of Exchequer Grants receivable by		Adjustment under section 100 of Local Government Act, 1929.	Total 1933-34.	
	Borough Council.	County Council.	Police.	Borough Council.	County Council.			
1	2	3	4	5	6	7	8	9
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
City of London	1 3-72	7 5-06	0 11-64	0 1-71	0 10-81	(+) 0 0-10	8 8	8 8
	(b)							
Battersea	4 10-26	7 2-80	0 10-69	1 3-47	0 9-92	(—) 0 6-36	10 4	9 2
Bermondsey	10 0-80	7 5-80	0 11-10	2 5-10	0 10-20	(+) 0 5-60	15 8	15 6
Bethnal Green	8 0-70	7 8-47	0 11-39	2 1-98	0 10-57	(+) 0 3-99	14 0	13 6
Camberwell	4 2-75	7 2-91	0 10-00	0 8-12	0 10-07	(—) 0 1-47	10 8	10 6
Chelsea	2 4-18	7 7-74	0 11-31	0 2-54	0 10-43	(—) 0 0-26	9 10	9 2
Deptford	5 6-16	7 3-91	0 10-83	0 11-94	0 10-05	(+) 0 3-09	12 2	11 8
Finsbury	3 6-44	7 8-03	0 11-34	0 8-09	0 10-52	(—) 0 2-20	10 5	9 10
Fulham	2 9-90	7 3-37	0 10-76	0 5-99	0 9-99	(—) 0 1-05	9 7	9 5
Greenwich	4 8-30	7 1-55c	0 10-51c	0 8-69	0 9-90	(+) 0 3-23	11 5	11 5
Hackney	3 11-57	7 3-28	0 10-75	0 10-62	0 9-98	(—) 0 4-00	10 1	10 0
Hammersmith	3 6-62	7 3-50	0 10-76	0 6-04	0 10-00	(+) 0 1-16	10 6	10 3
Hampstead	2 9-20	7 6-00	0 11-10	0 4-10	0 10-30	(—) 0 1-90	9 10	9 6
Holborn	1 11-30	7 9-81	0 11-55	0 2-35	0 10-72	(+) 0 0-41	9 8	9 5
Islington	3 1-73	7 4-01	0 10-84	0 8-23	0 10-06	(—) 0 5-29	9 5	9 1
Kensington	1 10-90	7 6-10	0 11-10	0 3-52	0 10-30	(—) 0 1-28	9 1	8 11
Lambeth	3 4-78	7 3-56	0 10-79	0 7-58	0 10-00	(—) 0 3-55	9 10	9 8
Lewisham	2 10-83	7 6-20	0 11-05	0 6-57	0 10-74	(+) 0 1-23	10 0	9 10
Paddington	2 6-19	7 7-84	0 11-31	0 4-27	0 10-49	(—) 0 0-58	9 10	9 8
Poplar	9 3-90	7 7-14	0 11-23	2 6-09	0 10-42	(+) 1 6-24	16 0	16 0
St. Marylebone	1 8-78	7 6-46	0 11-14	0 3-23	0 10-34	(—) 0 1-81	8 11	8 8
St. Pancras	2 7-84	7 5-94	0 11-08	0 8-12	0 10-28	(—) 0 3-46	9 3	9 0
Shoreditch	5 9-64	7 9-11	0 11-46	1 6-47	0 10-65	(—) 0 1-09	12 0	11 2
Southwark (D)	4 7-53	7 5-10	0 10-98	0 11-02	0 10-19	(+) 0 1-60	11 4	11 2
Stepney	6 9-67	7 4-46c	0 10-88	1 3-52	0 10-21	(+) 0 5-72	13 5	12 8
Stoke Newington	3 3-92	7 2-67	0 10-68	0 5-31	0 9-91	(—) 0 2-05	10 0	10 0
Wandsworth	3 3-08	7 3-12	0 10-73	0 5-71	0 9-96	(—) 0 3-26	9 10	9 8
Westminster (City)	1 1-87	7 8-47	0 11-39	0 1-87	0 10-56	(—) 0 1-30	8 8	8 6
Woolwich	6 4-69	7 0-42	0 10-39	1 0-20	0 9-86	(+) 0 0-56	12 6	12 5
County of London (excluding the City (average))	3 1-80	7 5-91	0 11-05	0 7-06	0 10-31	(—) 0 0-84	10 0-55	9 9-3
Administrative County of London (average)	2 10-59	7 5-87	0 11-06	0 6-29	0 10-38	(—) 0 0-71	9 10-14	9 7-4

(a) These figures became available only just before going to press.

(b) City of London—Including certain County Services administered by the Common Council, expenses under the City of London (Various Powers) Act, 1922 (Holborn Valley Improvement, Spitalfields Market and Port Sanitary expenses), expenses of Central Criminal Court House, Ward expenses, Trophy Tax and expenses of Assessment Committee.

(c) Greenwich—After allowing for precept fund credits; County Council, 1.07d.; Police, 0.16d.

(d) Southwark—The figures shown are the standard rates for the Borough. The rates levied in the old parishes of Newington and St. Saviour were 2d. less in each of these years, viz., 11s. 2d. in 1933-4 and 11s. in 1934-5.

(e) Stepney—After allowing for precept fund credit, County Council, 0.89d.

7.—Rates Collection and Leakages, 1933-34.

Percentage of amounts collected, etc., to total amounts chargeable.

Metropolitan borough.	Amount collected.	Recoverable arrears carried forward.	Amounts irrecoverable.					Approximate number of empty properties (excluding compounded properties) at 31st March, 1934.
			Abatement to owners rated instead of occupiers.	Empties.	Absconded, bankrupt, etc.	Excused by Justices.	Total irrecoverable.	
1	2	3	4	5	6	7	8	9
<i>City of London—</i>								
Poor Rate ..	91.06	.93	.00	7.46	.55	.00	8.01	2,619
General Rate (a) ..	94.75	.89	.01	3.74 ^a	.61	.00	4.36	
Battersea ..	97.97	.30	.03	1.66	.04	.00	1.73	485
Bermondsey ..	93.94	1.05	.86	3.98	.17	.00	5.01	867
Bethnal Green ..	92.93	.40	4.30	2.32	.05	.00	6.67	268
Camberwell ..	96.38	.96	—	2.21	.16	.29	2.66	876
Chelsea ..	92.91	.33	.48	6.03	.25	—	6.76	522
Deptford ..	96.85	.96	.44	1.56	.16	.03	2.19	230
Finsbury ..	89.13	1.22	.29	9.23	.13	.00	9.65	827
Fulham ..	96.88	.30	.33	2.38	.10	.01	2.82	447
Greenwich ..	97.68	.48	.22	1.50	.12	—	1.84	280
Hackney ..	97.11	.78	—	1.95	.11	.05	2.11	649
Hammersmith ..	96.80	.50	.61	1.86	.22	.01	2.70	379
Hampstead ..	94.87	.04	.09	4.89	.10	.01	5.09	934
Holborn ..	90.87	.51	.30	8.22	.10	—	8.62	809
Islington ..	97.46	.27	.05	2.12	.07	.03	2.27	782
Kensington ..	94.85	.23	.07	4.66	.18	.01	4.92	1,734
Lambeth ..	96.92	.66	.03	2.21	.16	.02	2.42	946
Lewisham ..	96.15	.34	.33	2.99	.19	.00	3.51	1,449
Paddington ..	93.40	.73	.09	5.62	.16	.00	5.87	996
Poplar ..	93.51	.46	2.80	3.06	.17	—	6.03	346
St. Marylebone ..	91.87	.77	.20	7.07	.09	—	7.36	1,863
St. Pancras ..	94.51	.62	.15	4.34	.36	.02	4.87	1,084
Shoreditch ..	94.31	.18	.42	5.00	.09	—	5.51	597
Southwark ..	95.47	.52	.48	3.33	.18	.02	4.01	722
Stepney ..	94.06	1.88	.09	3.79	.15	.03	4.06	1,271
Stoke Newington ..	97.09	.44	—	2.36	.10	.01	2.47	197
Wandsworth ..	96.72	.24	.42	2.55	.06	.01	3.04	1,629
Westminster (City) ..	90.37	1.10	.12	8.28	.12	.01	8.53	4,058
Woolwich ..	98.23	.46	—	1.22	.09	—	1.31	402
County of London .. (excluding the City) (average)	94.17	.69	.32	4.66	.14	.02	5.74	25,649
Administrative County of London (average)	93.89	.72	.28	4.90	.19	.02	5.39	28,268

(a) City of London—One half of the General Rate (but not Poor Rate) is charged on owners of unoccupied properties.

8.—Expenditure of Metropolitan Borough Equivalent rates

(Any revision, on audit, of the accounts of the Metropolitan Borough

Metropolitan borough.	2	3	4	5	6	7	8	9	10	11	12	13
	Sewers.	Collecting and disposal of refuse.	Treatment of tuberculosis.	Maternity and child welfare.	Prevention of disease (notification, disinfection, etc.).	Baths and washhouses.	Parks and open spaces.	Public conveniences.	Public Health (services not separately shown).	Housing.		
										State-aided schemes.	Other (including small dwellings acquisition).	Public lighting.
1	2	3	4	5	6	7	8	9	10	11	12	13
Battersea	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.
Bermondsey	3.7	6.2	9	3.3	1.1	4.3	2	1.4	1.2	1.2	(—) 4	3.7
Bethnal Green	6.6	8.1	1.4	4.8	3.1	11.9	3.8	2.4	1.5	7.7	3.0	5.8
Camberwell	3.8	11.6	9	7.3	8	13.5	1.0	1.2	2.0	1.8	—	7.3
Chelsea	2.9	6.1	5	1.4	5	1.6	1.6	4	7	—	(—) 2	3.6
Chelsea	6	4.1	2	1.0	2	1.1	3	4	5	—	4	2.4
Deptford	2.0	7.3	1.0	4.8	4	7.3	2.9	9	2.2	6	—	3.7
Finchley	1.3	5.2	3	2.3	3	4.4	1.1	1.1	1.1	1.5	3	2.9
Fulham	1.9	6.3	6	1.9	6	1.3	1.7	7	1.1	2	—	2.6
Greenwich	1.6	6.9	6	5.0	5	4.0	7	1.5	1.0	6	—	3.2
Hackney	1.7	6.0	6	2.1	7	1.8	1.2	1.2	1.9	1	(—) 2	2.8
Hammersmith	1.0	7.6	4	1.5	4	1.1	8	5	1.0	5	1.3	2.5
Hampstead	1.2	4.9	2	9	3	8	6	3	8	1	—	2.5
Holborn	3	3.2	1	6	1	1.0	1	5	4	1.1	—	2.5
Islington	7	8.0	4	2.2	3	1.7	1.0	5	1.1	2	—	3.2
Kensington	4	4.6	1	1.0	1	4	1	3	6	1	1	2.1
Lambeth	2.2	5.7	4	2.2	3	7	9	1.0	1.3	2	1	3.2
Lewisham	1.1	5.4	3	1.2	6	1.0	8	6	7	1	—	3.2
Paddington	1.0	5.0	3	1.3	3	1.6	5	4	6	2	—	2.7
Poplar	6.4	12.9	1.4	7.6	1.8	8.6	2.8	2.1	4.3	3.1	2	6.3
St. Marylebone	5	4.8	2	6	1	7	2	2	7	0	4	1.3
St. Pancras	1.1	6.0	3	1.9	2	1.3	6	7	7	1	1	2.1
Shoreditch	8	11.3	1.0	7.8	3	4.6	1.5	2.4	3.1	0	1	3.8
Southwark	2.8	8.4	5	2.2	8	2.8	2.0	2.2	1.8	1.2	1	3.3
St. Pancras	—	—	—	—	—	—	—	—	—	—	—	—
Stoke Newington	2.3	5.9	5	1.8	3	4.2	4	1.1	1.2	2	—	2.8
Wandsworth	1.0	6.6	3	1.1	2	1.4	9	1.2	6	3	(—) 1	4.1
Westminster (City)	3	2.3	1	2	1	3	1	2	2	1	5	1.2
Woolwich	3.8	6.6	8	3.5	1.2	4.3	2.3	8	1.7	4.0	(—) 1.3	6.0

(a) In these cases the special fund charges for superannuation and pension purposes are included in preceding columns. The equivalent rates in the £ of the amounts so included are—Chelsea, 1.4d.; Fulham, 0.6d.; Shoreditch, 3.0d.; Stoke Newington, 1.6d.; Woolwich, 1.8d.

Councils falling on the rates, 1933-34. in the £.

Councils would correspondingly affect the figures in this table.]

Highways.														
Maintenance, repairs and improvements.	Scavenging, watering, etc.	Public libraries, museums, etc.	Electricity supply	Markets.	Burial grounds.	General administration and municipal services.	Other unallocated charges (superannuation, pensions and special funds).	General income not allocated to specific services.	Net charge falling on rates.	Grant under section 98(3) of Local Government Act, 1929	Increase (+) or decrease (—) in balances on rate accounts.	Rate paid (excluding amounts paid over to central authorities).	Net produce of a rate of 1d. in the £.	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
d.	d.	d.	d.	d.	d.	d.	d.	d.	s. d.	d.	d.	s. d.	£	
9.7	4.5	2.4	—	—	—	10.0	5.9	8	4 10.6	15.2	(+)	3 7.6	4,444	
22.1	11.9	3.4	—	—	—	25.0	2.2	5	10 4.2	29.3	(—)	3 7.3	3,433	
10.5	11.4	4.1	(—)	1.2	—	12.7	7.0	8	7 10.9	25.9	(+)	5 10.7	2,002	
11.8	4.0	1.8	—	—	—	8.1	3.0	3	3 11.5	8.0	(+)	3 5.2	6,519	
4.5	2.8	1.1	—	—	—	5.2	(a)	—	2 0.8	2.5	(+)	2 3.0	4,695	
12.0	4.3	2.7	—	—	(—)	8.4	2.2	7	5 2.2	11.5	(+)	5 1.4	2,696	
8.7	5.6	1.0	—	—	—	5.3	8	—	3 7.2	8.3	(—)	2 8.8	4,598	
6.9	3.4	1.6	(—)	2.6	—	5.2	(a)	5	2 9.9	6.0	(+)	2 4.2	4,631	
12.6	4.1	2.5	—	—	—	10.0	8	5	4 7.4	8.5	(+)	4 0.6	3,877	
11.7	4.5	2.0	—	—	—	7.8	3.3	7.3	3 11.9	10.4	(+)	3 1.7	5,875	
8.8	3.9	1.9	—	—	1.0	7.7	8	3	3 6.4	6.0	(+)	3 0.7	4,642	
7.5	2.9	2.5	—	—	—	5.1	1.7	4	2 8.0	4.1	(+)	2 5.4	5,858	
4.1	4.5	6	—	—	—	5.0	—	4	1 11.7	2.3	(+)	1 9.7	6,556	
7.7	5.1	1.5	(—)	1.3	—	5.1	1.0	5	3 1.9	8.1	—	2 5.8	8,627	
5.2	2.7	8	—	—	—	3.1	1.2	3	1 10.8	3.5	(+)	1 8.7	13,164	
10.6	4.2	2.4	—	—	—	4.6	1.3	7	3 4.6	7.5	(+)	2 9.3	9,263	
9.5	3.6	1.6	—	(—)	1	6.8	6	3	3 0.7	6.3	(+)	2 7.4	6,696	
6.9	3.2	1.0	—	—	—	5.1	1.7	4	2 7.6	4.3	(+)	1 3.4	7,068	
22.6	12.2	5.0	—	—	—	15.8	4.4	—	9 9.5	29.5	(—)	6 9.2	2,884	
4.2	2.5	6	—	—	(—)	3.0	1.0	7	1 8.1	3.3	(+)	1 5.2	12,323	
4.8	5.3	5	(—)	1.7	—	(—)	3	5.2	2 5.4	8.1	(+)	3 0.0	8,262	
11.3	7.9	2.3	(—)	2.7	—	10.8	(a)	7.1	5 5.2	18.1	(+)	4 4.9	3,272	
10.6	8.2	2.3	(—)	4	(—)	8.0	1.6	8	4 8.0	10.9	(—)	2 0	5,230	
8.1	3.3	2.2	(—)	1.0	—	—	8.5	(a)	3 4.2	5.3	(—)	1.3	1,674	
7.6	3.1	1.5	—	—	—	4.0	1.4	4	2 10.8	5.7	(+)	3.9	12,180	
3.6	1.7	5	—	—	—	8	5	—	1 0.7	1.9	(+)	1.2	42,284	
17.3	5.1	3.5	(—)	(2.2)	(—)	5	1.2	15.8	(a)	8	(+)	2.4	4,394	

9.—Debt, 1933-34.

Metropolitan borough.	Loans outstanding of metropolitan borough councils at 31st March, 1934.					
	General rate services.	Electricity supply.	Housing.	Total.	General rate services.	
					Per £ of rateable value.	Per head of population.
1	2	3	4	5	6	7
	£	£	£	£	s. d.	£ s. d.
Battersea	246,311	951,705	309,996	1,508,012	4 6	1 12 0
Bermondsey	538,125	377,981	1,057,793	1,973,899	12 4	5 0 4
Bethnal Green	237,163	163,036	346,555	746,754	9 1	2 5 6
Camberwell	87,346	—	539,405	626,751	1 1	7 2
Chelsea	25,378	—	128,680	154,058	5	8 7
Deptford	130,347	—	265,766	396,113	4 0	1 5 4
Finsbury	234,924	—	343,555	578,479	3 10	3 8 1
Fulham	100,188	1,579,863	276,066	1,956,117	1 9	13 6
Greenwich	287,653	—	727,097	1,014,750	6 1	2 18 10
Hackney	299,923	1,357,741	426,157	2,083,821	4 1	1 8 0
Hammersmith	255,672	617,893	873,926	1,747,491	4 5	1 18 11
Hampstead	55,701	6,000	200,092	261,793	9	12 4
Holborn	106,894	—	70,525	177,419	1 3	2 19 4
Islington	218,344	576,766	828,412	1,623,522	2 0	13 11
Kensington	139,204	—	308,045	447,249	10	15 4
Lambeth	154,550	—	617,239	771,789	1 4	10 8
Lewisham	315,790	—	548,040	863,830	3 9	1 8 7
Paddington	148,459	—	5,928	154,387	1 8	1 0 11
Poplar	372,005	735,342	661,035	1,768,382	10 0	2 9 10
St. Marylebone	279,056	1,845,847	122,553	2,247,456	1 9	2 19 4
St. Pancras	175,903	948,905	557,984	1,682,792	1 8	18 5
Shoreditch	57,442	467,910	169,427	694,779	1 4	12 3
Southwark	99,910	122,569	120,186	342,665	1 6	12 2
Stepney	220,062	1,668,796	409,613	2,298,471	2 7	1 0 1
Stoke Newington	105,070	220,040	74,734	399,844	5 1	2 1 1
Wandsworth	508,481	—	1,323,054	1,831,535	3 4	1 9 0
Westminster (City)	846,885	—	369,821	1,216,706	1 6	6 14 1
Woolwich	642,526	802,032	2,038,899	3,483,457	12 0	4 7 11
Total	6,889,312	12,442,426	13,720,583	33,052,321	2 8	1 12 1

In addition to the above, the following amounts are outstanding in respect of loans raised for the purpose of making advances to borrowers under the Small Dwellings Acquisition Acts:—

	£
Hackney	205,552
Hammersmith	13,787
Hampstead	1,985
Islington	47,401
Stoke Newington	4,078
Wandsworth	108,278
Woolwich	1,010,981
	<hr/> 1,392,062 <hr/>

METROPOLITAN BOROUGHES.

Statistics, 1934.

Cities and Boroughs.	Estimated Resident Population (mid-1934.)	Live Births (rate).	Death Rate.		Infantile Mortality per 1,000 births.
			Crude.	Adjusted.	
WEST DISTRICTS.					
Paddington	139,790	13·7	12·4	12·3	95
Kensington	179,080	12·3	13·3	12·5	93
Hammersmith	129,170	13·8	12·9	13·3	77
Fulham	145,400	13·7	12·6	12·7	59
Chelsea	58,160	10·8	13·4	11·4	65
Westminster	124,050	9·4	11·8	12·1	66
NORTH DISTRICTS.					
St. Marylebone	92,320	9·00	12·7	12·6	61
Hampstead	90,000	10·4	11·3	10·6	53
St. Pancras	187,540	13·1	12·84	13·19	65
Islington	314,200	14·7	11·8	11·9	62
Stoke Newington	50,620	13·7	11·5	11·0	60·6
Hackney	211,120	14·2	11·7	12·2	56
CENTRAL DISTRICTS.					
Holborn	36,000	8·58	12·2	?	71
Finsbury	64,970	15·1	13·4	14·6	51
City of London	9,660	6·8	10·5	11·6	121
EAST DISTRICTS.					
Shoreditch	90,630	16·1	13·1	14·4	84
Bethnal Green	102,060	14·3	11·8	13·3	72·6
Stepney	214,990	15·3	12·3	14·3	87·2
Poplar	146,370	15·5	12·3	13·7	62
SOUTH DISTRICTS					
Southwark	159,930	14·9	13·5	14·4	77
Bermondsey	105,060	14·8	12·4	14·1	64
Lambeth	283,900	14·21	12·78	12·65	63·38
Battersea	150,870	14·3	12·5	12·3	61·3
Wandsworth	345,250	10·98	11·18	10·39	57
Camberwell	238,360	13·22	12·31	12·31	67
Deptford	101,380	15·8	13·1	13·6	68
Greenwich	97,250	13·71	12·23	12·47	87
Lewisham	222,180	12·2	10·0	10·1	43
Woolwich	145,520	13·7	11·3	12·0	63