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Borough of Southwark



ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR 1929.

HORACE WILSON,

M.D., B.S.Lond., D.P.H., L.R.C.P., M.R.C.S.,

Medical Officer of Health.

Administrative Tuberculosis Officer,

*Administrative Officer for Maternity and
Child Welfare.*

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ANNUAL REPORT

For the Year 1922

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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,

DEAR SIR, LADIES AND GENTLEMEN,

I have pleasure in presenting my report for the year ending 1929, which was not a good year from the point of Health, but during which time considerable advances were made and several innovations and improvements instituted in the Borough.

The amount of infectious disease was above the normal, the death rate high, the birth rate the lowest ever recorded in the Borough and the cold weather in the earlier part of the year told heavily on the old people and on those suffering from pulmonary complaints. To endeavour to cope with the high incidence of Diphtheria in the Borough, a clinic was established at Sutherland House under the charge of Dr. Porter Smith to apply the "Schick" test to those wishing to undergo it, or their children, by which test the susceptibility of the person tested is ascertained as to their natural immunity to the disease.

The "Schick" test clearly defines those who are, and those who are not likely to take the disease if brought in contact with infection, and by following up the test in susceptible cases with a few painless and harmless injections, these persons can be rendered incapable of contracting the disease for several years.

This clinic, during the period it was opened has shown good results and attendance is entirely voluntary.

Considerable changes have taken place in the Maternity and Child Welfare section of Public Health work. During the year, Dr. Sims, who had done good service for the mothers and children of the district, left

the service of the Council to take up another appointment and Dr. Margaret Bergin carried on her work temporarily.

The Centres are popular and well attended, at Sutherland House two centres were accommodated, and the antenatal centre was moved from Villa Street, which was ill-suited for the purpose, to Sutherland House where an up to date equipment was provided.

Sewing Classes open to mothers from any part of the Borough were also held at Sutherland House. These were well attended, and lectures on health topics were given by myself on several afternoons. These also attracted many mothers from other centres who displayed considerable interest and asked many questions.

During the year a slight alteration was made in the areas covered by St. Mary's and St. Paul's Centres in order to try and equalise the attendances at these centres. This was effected by transferring the district bounded by Manor Place, Chapter Road, Sturgeon Road, Walworth Road and part of Penrose Street, from St. Mary's Centre to St. Paul's Centre.

Artificial Sunlight treatment was continued as before at Guy's Hospital and proved beneficial to anæmic and wasting children.

Several new blocks of buildings have been erected in the Borough and the Hartnoll Estate is developing a large area in the vicinity of East Street, where commodious flats are being erected to replace the small property which existed.

The Hard Street area was still under consideration of the London County Council and considerable progress was made in the Hatfield Street and Hankey Place areas represented by me in 1925, and in the development of the Tabard Street area.

The London County Council have also rehoused 80 families from the Borough on their suburban Estates.

A full report of the work of the Tuberculosis Dispensary is appended to this report. The mortality was higher than usual all over the country and Southwark shared in the general rise, but the work of combating the disease is carried on with vigour and is showing good results from the instruction of the nurses as regards care and cleanliness in their homes.

During the year I had the pleasure of attending the Conference of the Royal Sanitary Institute at Sheffield and also the Guildhall Conference on Smoke Abatement.

I have also, during the period of this report, medically examined 327 persons with a view to employment as permanent or temporary members of the Council's staff and 40 employees were examined and reported on as a result of accident or illness. 134 specimens were taken from the throats of children prior to their admission to Convalescent Homes and submitted by me to the Borough Analyst for examination.

In conclusion, I must thank my Chairmen and the Committees for their support, and also the ladies who have rendered such valuable help as Voluntary Workers at the Welfare Centres and on the Milk Committee.

The whole staff has worked loyally and well, and carried out their respective duties in a most satisfactory manner.

Yours faithfully,

HORACE WILSON,

Medical Officer of Health.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

Estimated population (1929)	...	...	...	...	178,500
Population (Census, 1921)	...	...	...	...	184,404
Area (acres)	...	...	...	...	1,131
Number of inhabited houses (1921)	...	...	...	...	19,050
Number of families or separate occupiers (1921)	...	...	...	...	46,727
Rateable value	...	...	...	...	£1,238,489
Sum represented by penny rate	...	...	...	...	£4,764

SOCIAL CONDITIONS.

The district is chiefly a residential working class one, with a number of factories, business premises, warehouses and wharves.

VITAL STATISTICS.

Births—Legitimate	...	...	...	...	3,100
Illegitimate	...	...	...	...	136
Total	...	...	...	...	3,236

Birth Rate, 18·1.

STILLBIRTHS.

				Males.	Females.	
Legitimate	...	...	...	55	40	
Illegitimate	...	...	...	6	2	
				61	42	Total 103

Deaths	2,785
--------	-----	-----	-----	-----	-----	-------

Death Rate, 15·6.

Number of women dying in, or in consequence of childbirth —

From sepsis	...	...	...	...	5
Other causes	...	...	...	...	2

Deaths of infants under 1 year of age per 1,000 births

Legitimate	...	...	...	...	243
Illegitimate	...	...	...	...	20

Total	263
-------	-----	-----	-----	-----	-----

Deaths from Measles (all ages)	...	...	...	16
Do. Whooping Cough (all ages)	...	...	...	49
Do. Diarrhæa under 2 years of age	...	...	...	36

GENERAL PROVISION OF HEALTH SERVICES.

HOSPITALS.—Southwark is fortunately situated as regards hospital accommodation of all descriptions, and hospitals for infectious diseases are provided by the Metropolitan Asylums Board, whilst Tuberculosis cases are accommodated by the London County Council.

The following general Hospitals are within the area :—

Guy's Hospital.
Evelina Hospital for Children.
St. George's Hospital for diseases of the Eye.

The Hospitals available but beyond the borders are :—

St. Thomas's Hospital.
King's College Hospital.
Royal Waterloo Hospital.
General Lying-in Hospital, York Road.
The Belgrave Hospital for Children.

AMBULANCE SERVICES are provided by the Metropolitan Asylums Board for Infectious and Poor Law cases, and the London County Council provides Ambulances for accidents, also for the transit of parturient women to Hospitals.

CLINICS AND TREATMENT CENTRES.

(1) **MATERNITY AND CHILD WELFARE.**—There are in all fourteen Centres which may be classified as follows :—

Municipal Centres (Eight)—

Sutherland House, Sutherland Square (St. Mary's).
Sutherland House, Sutherland Square (St. Paul's).
Boy's Club, Villa Street.
All Saints Parish Room, Surrey Square.
Lady Margaret Parish Room, Chatham Street.
Lansdowne Place Mission Hall.
St. George's Dispensary, Pocock Street.
St. Mary's Girls' Club, Union Street.

Partly Municipal, Partly Voluntary (Three)—

Crossways Mission, New Kent Road.
Welfare Centre, 56, Lambeth Road.
St. George's Welfare Centre, 86, Borough Road.

Wholly Voluntary (Three)—

St. John's Institute, Larcom Street.
Roman Catholic Centre, 148, New Kent Road.
Salamon's Centre, Newcomen Street.

Ante Natal Clinics—

Sutherland House, Monday, 10 a.m.
Sutherland House, Friday, 10 a.m.

(2) **DAY NURSERIES**—There are 4 in the Borough. One is Municipal, and is situated at 63, Kennington Park Road. This accommodates 45 children and is supervised by a Committee of Nursery Managers, a Sub-Committee of the Maternity and Child Welfare Committee.

Guy's Hospital have in connection with their Maternity scheme a day nursery which is used by children from Southwark and Bermondsey.

Southwark makes an annual grant towards its upkeep of £75 per annum.

Crossways Mission, New Kent Road, has a day nursery accommodating 40 children, and All Hallows Mission, Union Street, has a small one accommodating 8 to 10 children.

(3) **SCHOOL CLINICS**.—As all the children attending the centres are under 5 years of age, there is no connection with the School Medical Service until they are transferred to school.

(4) **ORTHOPÆDIC CLINICS**.—This is undertaken by the London County Council and the General Hospitals in the Borough.

(5) **TUBERCULOSIS DISPENSARY**—The Municipal Dispensary is at 82 and 84, Newington Causeway. A special report is included concerning the same.

(6) **VENEREAL DISEASE CLINICS**.—These are held at the General Hospitals, they are free and are conducted under conditions of secrecy. The times of attendances may be obtained on application to the Medical Officer of Health, and they are also displayed in the Public Conveniences.

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, neither are cases of Measles, but cases of Puerperal Pyrexia are nursed at home if necessary by arrangement with one of the above Associations.

MATERNITY AND NURSING HOMES.

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

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

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

† * <i>a</i> Jane Holland (Superintendent).	* <i>a</i> Florence Adair.
† * <i>a</i> Hilda Johnson.	† * <i>a</i> Mary Freeth.
¶ <i>a</i> Annie Rogers.	† <i>a</i> Mary George.
† * <i>a</i> Clare Cottrill.	† * <i>a</i> Annie Kingsmill.
* <i>a</i> Winifred Sayer.	¶ * <i>a</i> Winifred Cleverley.

(1 Storekeeper, 1 Home Help).

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.

a Cert. Health Visitor. ‡ Cert. Sanitary Inspector. * C.M.B. † Nursing.

POPULATION.

The population of Southwark to the middle of 1929 has been estimated by the Registrar-General as 178,500. This estimate has been based on the adjusted 1921 figures, after allowing for the varying rate of natural increase as evidenced by the births and deaths, and of migration as indicated from other sources, such as the changes in the numbers on the Parliamentary Register, and the migration returns from the Board of Trade.

The population of the several divisions of the Borough at each Census since 1841, and also the estimated population for 1922, 1923, 1924, 1925, 1926, 1927, 1928 and 1929 are as follows:—

	Newington.		St. George's.		St. Saviour's and Christchurch.
1841	... 54,693	...	—	...	—
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

The Ward distribution was as follows :—

TABLE 1.

WARD.	Area in Acres	Population.			Persons to the Acre.
		Males.	Females.	Total.	
St. Mary ...	127	10,851	11,130	21,981	173
St. Paul ...	133	8,928	9,651	18,579	140
St. Peter ...	90	8,084	8,652	16,736	186
St. John ...	85	8,949	9,610	18,559	218
Trinity ...	109	7,800	7,932	15,732	144
All Saints ...	89	10,022	10,741	20,763	233
St. Michael ...	93	9,729	9,848	19,577	211
St. Jude ...	97	6,156	7,146	13,302	137
St. George ...	98	8,329	8,692	17,021	174
Christchurch ...	77	3,969	3,806	7,775	101
St. Saviour ...	133	3,886	4,589	8,475	64
Whole Borough	1,131	86,703	91,797	178,500	158

BIRTHS.

The number of Births registered in the Borough during 1929 was 2,846, of which 1,453 were males, and 1,393 females. This represents a birth-rate of 15·9 per 1,000 inhabitants.

The number of births registered in the individual parishes was as follows:—Newington, 1,555; St. George the Martyr, 687; Christchurch and St. Saviour's, 604.

Of the 2,846 births registered in the Borough 291 were transferred away, the permanent residence of the parents being outside the Borough. 681 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 291 "outward" transfers are deducted

and the 681 "inward" transfers are added to the 2,846 births actually registered in the Borough, the net amount of births belonging to Southwark for the year is found to be 3,236. This gives a corrected birth-rate of 18.1.

**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.
1900	...	33.3	34.6	29.8	—
1901	...	33.8	33.6	30.0	33.3
1902	...	34.4	32.7	29.3	33.3
1903	...	33.3	31.3	30.0	32.3
1904	...	32.3	31.2	27.6	31.5
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

TABLE 2.

Number of Births and Deaths belonging to each Ward, with the Birth and Death Rates, also the Infantile Mortality Rate, 1929.

WARD.	BIRTHS.				Infantile Mortality.	DEATHS.			
	Males.	Females.	Total.	Birth-rate.		Males.	Females.	Total.	Death-rate.
St. Mary	164	183	347	15.8	52	210	147	357	16.2
St. Paul	174	156	330	17.8	55	161	134	295	15.9
St. Peter	150	147	297	17.7	88	106	100	206	12.3
St. John	208	170	378	20.4	95	160	157	317	17.1
Trinity	143	145	288	18.3	66	149	86	235	14.9
All Saints	160	155	315	15.2	92	155	132	287	13.8
St. Michael	166	172	338	17.3	98	189	148	337	17.2
St. Jude	137	142	279	21.0	100	132	110	242	18.2
St. George	201	185	386	22.7	78	132	114	246	14.5
Christchurch	83	67	150	19.3	107	74	62	136	17.5
St. Saviour	62	66	128	15.1	78	80	47	127	15.0
Borough	1648	1588	3236	18.1	81	1548	1237	2785	15.6

DEATHS.

2,115 deaths were registered in the sub-districts of the Borough during 1929.

9 of these deaths were of persons residing in other sanitary districts, but who died in our streets or on the way to hospitals.

1135 deaths occurred in the Poor-Law Institutions, the various hospitals, and other public places for the treatment of the sick, found within our boundaries. These deaths in institutions comprised 540 belonging to Southwark and 595 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 1,274.

When the 604 deaths of those persons who were non-parishioners but who died in our Borough, have been deducted, and the 1,274 “outlying” deaths added, the actual or “corrected” number of deaths belonging to the sanitary area is found to be 2,785 of which number 1,548 were males and 1,237 females.

The death-rate when calculated on this “corrected” number is 15·6 per 1,000 inhabitants for the whole Borough for the year 1929, as against a rate of 12·7 for 1928.

The percentage of persons dying away from Southwark in relation to the total number of deaths belonging to the Borough was 45·7.

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

Southwark Hospital	...	...	...	779
Mental Hospitals	...	...	...	90
Metropolitan Asylums Board Hospitals	...	...	...	63
St. Thomas's Hospital	...	...	...	45
Lambeth Hospital	...	...	...	40
Belgrave Hospital	...	...	...	12
King's College Hospital	...	...	...	20
Royal Waterloo Hospital	...	...	...	16
In the Street and other Institutions	...	...	...	209
Total				1274

TABLE 3.

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
1900	...	21·9	27·3	25·2	—
1901	...	20·8	22·1	22·0	21·4
1902	...	20·4	24·0	22·5	21·7
1903	...	17·6	18·6	18·6	18·1
1904	...	19·0	21·4	21·6	20·0
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

TABLE 4.
Death Rates for the various Wards for the last Fifteen Years.

WARD.			1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.	1924.	1925.	1926.	1927.	1928.	1929.
St. Mary	...	...	18.1	17.4	18.6	25.1	15.7	16.4	15.0	16.0	14.6	14.4	12.8	12.2	13.5	13.7	16.2
St. Paul	...	...	19.9	15.7	17.2	22.0	14.5	12.9	14.9	15.6	12.3	14.5	12.7	12.0	12.7	11.8	15.9
St. Peter	...	...	16.4	14.0	17.4	21.7	11.3	13.1	11.4	13.8	10.0	12.0	11.9	12.3	10.8	9.1	12.3
St. John	...	...	18.7	17.0	18.0	21.0	14.0	14.2	14.3	16.5	12.8	14.0	13.8	13.0	13.6	13.4	17.1
Trinity	...	...	21.0	17.5	17.8	26.1	17.3	14.5	14.6	16.9	13.1	14.8	11.7	13.4	16.1	13.3	14.9
All Saints	...	...	22.1	17.4	16.6	21.8	15.0	15.2	15.4	12.8	10.4	11.8	11.2	10.9	11.6	11.5	13.8
St. Michael	...	...	24.1	19.1	19.1	23.1	15.4	14.4	15.7	17.4	14.2	16.7	15.6	14.2	14.6	14.7	17.2
St. Jude	...	...	23.0	17.7	20.0	24.9	18.0	15.8	14.0	15.3	14.3	15.4	12.9	12.6	16.1	13.4	18.2
St. George	...	...	23.0	17.9	19.8	23.7	15.7	14.1	13.8	15.1	12.4	13.5	12.4	12.9	12.6	11.8	14.5
Christchurch	...	...	25.6	19.7	20.8	25.1	16.9	14.5	14.4	17.9	16.0	19.2	18.2	16.6	13.3	16.5	17.5
St. Saviour	...	...	18.5	15.2	15.2	21.1	14.1	11.3	11.9	13.0	11.7	11.3	12.9	11.8	13.2	11.4	15.0

TABLE 5.

Showing the number of Deaths that occurred in Public
Institutions in the Borough during the year 1929.

Institution.	In 1st Quarter.	In 2nd Quarter.	In 3rd Quarter.	In 4th Quarter.	During Year.
Newington Institution ...	200	64	45	58	367
Christchurch Institution	—	—	—	—	—
Evelina Hospital ...	22	15	13	20	70
Guy's Hospital ...	194	170	146	154	664
Bethlem Hospital ...	13	6	7	3	29
60, Lambeth Road (Catholic Nursing Home)	3	—	—	2	5
Royal Eye Hospital ...	—	—	—	—	—
Total ...	432	255	211	237	1135

TABLE 6.

Births and Deaths Registered in the Sub-Districts of the Borough in 1929.

Births and Deaths Registered.																			
First Quarter.						Second Quarter.													
SUB-DISTRICTS.				Births.		Deaths.		SUB-DISTRICTS.				Births.		Deaths.					
				Male.	Female.	Male.	Female.					Male.	Female.	Male.	Female.				
Newington	...	...	...	206	205	267	263	Newington	...	...	...	213	181	95	78
St. George the Martyr, West	...	...	...	86	92	80	83	St. George the Martyr, West	...	...	...	95	83	38	25
Christchurch and St. Saviour	...	...	...	71	79	147	99	Christchurch and St. Saviour	...	...	...	87	72	118	62
Totals				363	376	494	445	Totals				395	336	251	165

Third Quarter.						Fourth Quarter.													
Newington	196	193	60	57	Newington	...	...	...	182	179	99	81			
St. George the Martyr, West	89	85	29	32	St. George the Martyr, West	...	...	...	75	82	45	40			
Christchurch and St. Saviour	81	78	105	52	Christchurch and St. Saviour	...	...	...	72	64	105	55			
Totals				366	356	194	141	Total				329	325	249	176

						Births.		Deaths.			
						M.	F.	M.	F.		
In 1st Quarter	...	...	...	...	...	363	376	494	445
In 2nd Quarter	...	...	...	...	...	395	336	251	165
In 3rd Quarter	...	...	...	...	...	366	356	194	141
In 4th Quarter	...	...	...	...	...	329	325	249	176
Total						1453	1393	1188	927

TABLE 7.
Deaths belonging to the Sanitary Area, with the Causes of Death at all Ages during 1929.

Causes of Death.	All Ages.	AGES.									Localities of Deaths.											Institutions.
		0.	1.	2.	5.	15.	25.	45.	65.	75.	St. Mary.	St. Paul.	St. Peter.	St. John.	Trinity.	All Saints.	St. Michael.	St. Jude.	St. George.	Christ-church.	St. Saviour.	
ALL CAUSES.																						
(1) Enteric Fever	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
(2) Small Pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(3) Measles	16	3	9	3	1	...	...	...	...	...	...	1	2	4	3	1	2	...	2	1	...	...
(4) Scarlet Fever	3	...	...	2	1	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...
(5) Whooping Cough	49	25	16	6	2	...	...	...	...	...	3	2	1	10	5	5	8	4	7	3	1	...
(6) Diphtheria	22	5	4	8	5	...	...	...	...	...	3	...	...	2	1	2	3	5	3	1	2	3
(7) Influenza	135	2	2	3	3	6	17	53	28	21	20	13	9	17	10	12	15	12	14	5	8	10
(8) Encephalitis Lethargica	3	...	...	...	...	1	1	1	...	...	...	...	1	...	1	1	...	...	...	...	...	3
(9) Meningococcal Meningitis	10	4	...	1	4	1	...	...	...	...	1	1	...	3	1	2	1	...	1	...	...	12
(10) Tuberculosis (Respiratory System)	232	...	2	...	2	50	80	86	9	3	34	37	16	24	21	20	27	15	16	10	12	18
(11) Other Tubercular Diseases	31	3	4	7	3	5	3	4	1	1	4	3	1	2	1	2	4	4	5	5	...	30
(12) Cancer	254	...	...	1	1	3	25	121	84	19	35	20	8	30	22	26	38	31	25	9	10	130
(13) Rheumatic Fever	3	1	...	...	...	1	...	1	...	...	...	1	...	1	...	...	1	...	...	...	...	4
(14) Diabetes	27	...	...	...	...	1	1	10	12	3	4	5	1	3	1	2	3	3	1	3	1	10
(15) Cerebral Hæmorrhage	71	...	...	...	...	...	3	18	27	23	10	7	6	9	9	9	7	4	6	1	3	32
(16) Heart Disease	659	...	...	...	7	12	37	166	192	245	84	73	53	73	61	70	67	61	50	43	24	162
(17) Arterio Sclerosis	41	...	...	...	...	...	11	19	11	13	2	6	5	2	6	...	...	...	4	2	1	15
(18) Bronchitis	189	9	4	...	1	4	9	52	59	51	28	26	23	17	23	19	16	7	21	3	6	117
(19) Pneumonia (all forms)	274	55	41	17	4	1	20	74	35	27	39	30	19	29	15	31	37	27	19	13	15	136
(20) Other Respiratory Diseases	33	1	1	1	1	2	8	15	2	2	8	2	1	3	2	3	4	4	4	2	...	6
(21) Ulcer of Stomach and Duodenum	28	...	...	...	...	...	8	13	5	2	4	3	2	1	2	1	4	5	1	3	2	33
(22) Diarrhæa	41	29	7	2	...	...	1	...	1	1	4	4	2	2	3	6	4	3	8	2	3	29
(23) Appendicitis and Typhlitis	9	...	...	1	1	2	1	3	1	...	2	1	...	1	1	1	1	...	2	...	...	10
(24) Cirrhosis of Liver	9	...	...	...	...	2	7	...	...	...	...	...	...	1	2	1	...	1	2	1	1	5
(25) Acute and Chronic Nephritis	123	...	...	1	2	5	15	37	38	25	20	12	11	15	9	6	18	7	10	8	7	74
(26) Puerperal Sepsis	5	...	...	...	...	1	4	...	...	...	1	...	1	...	...	1	1	1	...	...	...	1
(27) Other Accidents.....	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	5
(28) Congenital Debility, etc. (prem. birth)	92	90	1	1	...	...	...	...	...	...	6	9	13	14	5	8	11	8	9	5	4	67
(29) Suicide	21	...	...	...	...	1	1	16	3	...	1	3	1	2	2	2	2	3	1	...	4	9
(30) Other Deaths from Violence	104	3	5	6	5	9	23	26	12	15	11	11	7	11	6	15	16	9	11	3	4	69
(31) Other Defined Diseases.....	297	33	6	5	19	10	27	94	55	48	25	24	22	37	27	35	44	27	24	13	19	145
(32) Ill-defined Causes	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Totals	2785	263	102	65	62	115	288	810	583	497	357	295	206	317	235	287	337	242	246	136	127	1135

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

The deaths of Infants under one year of age to 1,000 births were 81 during the year 1929.

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

1900	...	192	1915	...	132
1901	...	168	1916	...	98
1902	...	166	1917	...	111
1903	...	148	1918	...	124
1904	...	174	1919	...	95
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

The average number of Infantile deaths for the last thirty years is 115.

TABLE 8.

BOROUGH OF SOUTHWARK.

INFANT MORTALITY, 1929.

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.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All causes	Certified	...	61	7	4	5	77	53	47	40	46	263
	Uncertified	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	1	1	1	3
Diphtheria	...	...	...	...	...	...	...	1	...	2	2	5
Whooping Cough	...	...	...	...	...	...	...	3	5	8	9	25
Diarrhæa	...	...	...	...	1	...	1	7	12	7	2	29
Enteritis	...	...	...	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	...	...	...	...	...	...	...	2	2
Cerebro-Spinal Fever	...	...	...	...	...	...	...	1	1	...	2	4
Phthisis	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	1	1	...	2
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculosis	...	...	...	...	...	...	...	...	...	...	1	1
Congenital Malformations	...	...	12	...	1	1	14	2	3	...	1	20
Premature Birth	...	...	37	3	1	...	41	9	...	1	1	52
Atrophy, Debility and Marasmus	...	...	2	...	...	...	2	5	3	2	1	13
Atelectasis	...	...	4	...	...	...	4	1	...	...	...	5
Erysipelas	...	...	...	...	...	...	...	...	2	...	...	2
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis	...	...	...	...	...	...	...	1	...	1	...	2
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	...	1	1	...	...	2	...	...	...	...	2
Gastritis	...	...	...	...	...	...	...	...	...	...	...	...
Intussusception	...	...	...	...	...	...	...	...	...	...	...	...
Dentition	...	...	...	...	...	...	...	...	...	...	...	...
Dermatitis	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	1	1	...	1	3	1	2	...	3	9
Pneumonia	...	...	...	...	...	1	1	...	1	4	3	9
Broncho-Pneumonia	...	...	...	2	1	2	5	14	10	11	6	46
Pleuro Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation (overlying)	...	...	...	...	...	...	...	...	...	1	...	1
Accident (other)	...	...	...	...	...	...	...	...	...	...	2	2
Nephritis, Acute	...	...	...	...	...	...	...	...	...	...	...	...
Icterus Neonatorum	...	...	1	...	...	...	1	...	...	...	...	1
Septic Pyæmia	...	...	...	...	...	...	...	...	...	...	1	1
Otitis and Mastoiditis	...	...	...	...	...	...	...	1	1	...	1	3
Other causes	...	...	3	...	...	...	3	7	5	1	7	23
Not classified above	...	...	...	...	...	...	...	...	...	...	1	1
			61	7	4	5	77	53	47	40	46	263

Nett Births in the year	...	...	Legitimate	...	...	3,100
			Illegitimate	...	...	136
Nett Deaths in the year of	...	...	Legitimate Infants	...	...	243
			Illegitimate Infants	...	...	20

TABLE

Vital Statistics of Separate Localities in 1929 and previous years.

NAMES OF LOCALITIES.	1. ST. MARY'S WARD.				2. ST. PAUL'S WARD.				3. ST. PETER'S DISTRICT.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1919 ...	21,048	470	332	41	18,592	385	270	25	17,419	390	197	19
1920 ...	21,892	624	358	56	19,538	524	250	45	18,112	509	237	49
1921 ...	21,570	529	324	54	19,053	439	284	35	17,846	451	204	35
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	356	282	34	17,562	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
Averages of Years 1919 to 1928	22,446	471	323	38	19,227	393	257	27	17,508	362	204	26
1929 ...	21,981	347	357	18	18,579	330	295	18	16,736	297	206	26

	7. ST. MICHAEL'S WARD.				8. ST. JUDE'S WARD.				9. ST. GEORGE'S WARD.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1917 ...	21,372	466	329	48	12,816	240	231	35	16,997	502	268	48
1918 ...	22,223	648	321	56	13,326	384	210	35	17,673	685	250	63
1919 ...	21,895	541	342	53	13,130	335	184	34	17,413	627	241	52
1920 ...	20,795	517	362	40	14,012	273	215	27	18,189	562	275	40
1921 ...	20,683	522	293	47	13,939	341	199	23	18,068	476	224	36
1922 ...	20,644	442	345	42	13,912	342	214	19	18,045	458	244	31
1923 ...	20,788	468	324	44	14,018	334	181	18	18,174	463	227	34
1924 ...	20,702	425	294	39	13,961	311	176	25	18,097	405	234	34
1925 ...	20,264	434	295	20	13,666	265	220	23	17,720	364	223	28
1926 ...	19,903	404	292	28	13,523	290	181	21	17,304	410	205	13
Averages of Years 1919 to 1928	20,926	486	319	41	13,630	311	201	26	17,768	495	239	37
1929 ...	19,577	338	337	33	13,302	279	242	28	17,021	386	246	30

BOROUGH OF SOUTHWARK

4. ST. JOHN'S DISTRICT.				5. TRINITY WARD.				6. ALL SAINTS' DISTRICT.			
Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
20,020	527	280	56	15,188	379	263	45	18,230	509	274	40
20,806	738	296	63	15,792	542	229	52	18,956	758	289	58
20,500	610	294	52	15,560	481	227	36	18,677	626	287	58
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	16,541	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
19,616	517	273	40	16,093	407	234	29	20,574	507	257	36
18,559	378	317	36	15,732	288	235	19	20,763	315	287	29

10. CHRISTCHURCH WARD.				11. ST. SAVIOUR'S WARD.							
Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
9,008	136	153	22	9,281	172	131	17	...	...	...	...
9,368	261	136	18	9,656	281	109	17	...	...	...	...
9,230	189	133	21	9,514	210	113	21	...	...	...	...
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	...	...	...	...
8,696	186	140	14	9,207	193	112	14	...	...	...	...
7,775	150	136	16	8,475	128	127	10	...	...	...	...

TABLE 10.

Deaths in the Sanitary Area from the principal Zymotic Diseases in the various wards for 1929.

WARD OR DISTRICT.	Cerebro Spinal Fever.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.	Phthisis.	Pneumonia & Bronchitis.	Heart Disease.	Influenza.	Polio Myelitis.	Encephalitis Lethargica.
St. Mary ...	1	—	—	—	3	—	4	34	67	84	20	—	—
St. Paul ...	1	1	1	3	2	1	4	37	56	73	13	—	—
St. Peter ...	—	2	—	—	1	—	2	16	42	53	9	—	1
St. John ...	3	4	—	2	10	—	2	24	46	73	17	—	—
Trinity ...	1	3	—	1	5	—	3	21	38	61	10	—	1
All Saints ...	2	1	—	2	5	—	6	20	50	70	12	—	1
St. Michael ...	1	2	2	3	8	—	4	27	53	67	15	—	—
St. Jude ...	—	—	—	5	4	—	3	15	34	61	12	—	—
St. George ...	1	2	—	3	7	—	8	16	40	50	14	—	—
Christchurch ...	—	1	—	1	3	—	2	10	16	43	5	—	—
St. Saviour ...	—	—	—	2	1	—	3	12	21	24	8	—	—
Borough ...	10	16	3	22	49	1	41	232	463	659	135	—	3

TABLE 11.

ZYMOTIC MORTALITY FOR THE SANITARY AREA, 1929.

Showing the localities where the deaths occurred.

LOCALITY.	Smallpox.	Encephalitis Lethargica.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhæa.	Cerebro- Spinal Fever.	Influenza.	Total.
The Borough	2	...	...	16	...	7	1	74	100
Southwark Hospital	2	...	...	11	...	17	2	41	73
Met. Asylums Board Hospitals	1	11	3	19	20	...	1	...	2	57
Newington Institution...	...	1	...	...	...	...	...	1	...	2	4
Evelina Hospital	1	...	...	7	1	2	11
Guy's Hospital	1	...	...	2	2	1	6
St. Thomas's Hospital	1	1	2
Royal Waterloo Hospital	1	...	...	2	...	...	1	...	4
King's College Hospital	1	...	1	2
Various Mental Hospitals	1	...	...	6	7
Lambeth Hospital	1	...	1	2
Other Addresses	1	...	...	1	...	...	4	2	4	12
TOTAL	3	16	3	22	49	1	41	10	135	280

TABLE 12.

London and the Metropolitan Boroughs.

BIRTH AND DEATH RATES AND INFANTILE MORTALITY RATE, &c.

BOROUGHs.	Estimated Population, 1928.	Birth Rate.	Death Rate.	Infantile Mortality Rate.	DEATHS FROM					
					Enteric Fever.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria.	Diarrhœa and Enteritis (under 2 years).
LONDON	4,458,200	15·7	13·8	70	45	194	77	1140	337	753
<i>West.</i>										
Paddington	145,200	14·7	14·9	99	2	2	...	72	9	36
Kensington.....	178,200	14·3	14·7	84	...	2	2	71	11	46
Hammersmith	136,300	15·9	13·5	61	2	2	...	40	5	18
Fulham	155,300	15·2	13·4	72	...	10	3	38	10	29
Chelsea	63,630	11·6	15·2	69	1	2	...	12	3	8
City of Westminster...	129,700	10·3	13·8	75	...	3	..	19	7	10
<i>North.</i>										
St. Marylebone.....	104,000	11·9	13·5	75	...	4	2	22	2	15
Hampstead.....	85,880	11·3	12·8	53	..	...	2	13	3	6
St. Pancras	205,600	15·5	15·0	81	3	7	4	76	17	41
Islington.....	324,700	17·4	14·6	71	2	10	9	128	33	68
Stoke Newington	50,690	15·9	13·0	47	...	1	1	5	2	7
Hackney.....	217,200	15·8	13·5	58	1	4	1	24	28	35
<i>Central.</i>										
Holborn	39,280	10·0	14·7	71	...	...	...	7	2	3
Finsbury.....	72,010	18·8	15·6	79	...	2	1	30	5	4
City of London.....	11,430	7·0	12·6	63	...	...	...	...	2	...
<i>East.</i>										
Shoreditch.....	101,200	19·8	15·5	82	4	17	3	40	10	21
Bethnal Green	112,200	18·4	13·3	64	1	16	4	29	7	29
Stepney	244,000	17·2	13·6	89	1	30	3	84	12	90
Poplar.....	162,000	18·9	13·8	75	...	12	3	45	17	38
<i>South.</i>										
Southwark (1929) Pop.	178,500	18·1	15·6	81	1	16	3	49	22	36
Bermondsey	115,200	19·5	14·1	71	1	1	4	32	6	18
Lambeth	298,100	15·5	14·4	67	4	24	5	57	30	40
Battersea	164,100	16·0	13·8	63	1	5	4	44	12	22
Wandsworth	347,300	13·3	13·0	61	2	2	8	62	24	29
Camberwell	260,400	15·1	13·2	66	...	3	4	64	13	38
Deptford.....	112,400	16·5	12·9	75	1	6	3	16	3	17
Greenwich	100,200	16·1	13·8	72	1	6	...	19	15	15
Lewisham	199,300	16·4	11·7	41	16	6	5	20	11	15
Woolwich	141,100	15·8	12·5	61	1	1	3	22	16	19

SANITARY WORK.

ST. MARY'S WARD.

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

Black Prince court, Brook street, Clock place, Collitch place, Crampton house, Crampton street, Dante road, Farrell court, Horse and Groom court, Hurlbatt cottages, Hurlbatt place, Longville road, Newington crescent, Ostend place, Pasley road, Peacock street, Peacock square, Roy place, St. Gabriel street, Sherston place, Sturgeon road.

ST. PAUL'S WARD.

Alpha square, Camberwell road, Farmers road, Goschen street, Horsman street, Lorrimore road, St. Paul's road.

ST. PETER'S DISTRICT.

Bronti place, Cancel street, Merrow street, Runham street, South street, Trafalgar street, Wooler street.

ST. JOHN'S DISTRICT.

Ash street, Bedford street, Eltham street, Gurney street, Lion street, Lock square, Orb street, Salisbury buildings.

TRINITY WARD.

Adam street, Avon place, Arcadia, Ayliffe street, Deverell street, Foston place, Globe street, Iris place, Lawson street, Nebraska street, Worsdale cottages.

ALL SAINTS' DISTRICT.

Albany road, Bagshot street, Catesby street, Cooks cottages, Darwin buildings, Deans buildings, Exon street, Flinton street, Freemantle street, Halpin place, Hearn's buildings, Lebanon street, Mason street, Mina road, Sedan street, Surrey grove, Surrey square, Tisdale place, Victory cottages.

ST. MICHAEL'S WARD.

Aster place, Collinson street, Dodson street, Foundry yard, Friar street, Gilbert buildings, Gray street, Gt. Suffolk street, Harrow street, Hill street, King James street, Kings court, Lancaster street, Lant street, Milcote street, Miniver street, Nelson place, Peabody square, Red Cross street, St. George's buildings, Sturge street, Sussex house, Tower street, Tupman place, Victoria buildings, Webber street, Westminster Bridge road, Southwark Bridge road, Queen's buildings, Collinson street.

ST. JUDE'S WARD.

Barbel street, Bath street, Brook street, Burman street, Colnbrook street, Elliott's row, Garden row, Hayles buildings, Kennington road, Keyworth street, Lambeth road, Marshall street, Ontario passage, Parliament street, Princess street, West square.

ST. GEORGE'S WARD.

Balin place, Cardol place, Crosby row, Cumbrae buildings, Devonshire house, East street, Hendree cottages, Law street, Madron street, Mermaid court, Mina road, Preston buildings, Prioress street, Smyrks road, Surrey place, Tower Bridge road, Trinity buildings, Westcott street.

CHRISTCHURCH WARD.

Bear lane, Boddy's bridge, Burrell street, Cavan terrace, Dolben street, Gambia street, Hatfield street, Holland street, Milton house,

Prices street, Short street, Stamford street, Surrey row, Upper ground place, Union street.

ST. SAVIOUR'S WARD.

Exeter buildings, Golden place, Gt. Guildford street, Hopetoun place, Ladds court, Loman street, Mowbray buildings, Moss alley, Nelson buildings, Noah' Ark alley, Peabody buildings, Pepper street, Risborough street, Ridler place, Skin market place, Southwark bridge road, Stanhope buildings, Taylor's yard, Union street, White hind alley.

Inspections and Re-Inspections, and Notices served and Complied with

TABLE

WARD or DISTRICT.	COMPLAINTS.					HOUSE TO HOUSE.					INFECTIOUS DISEASE.				
	Inspections.	Drains tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.	Inspections.	Drains tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.	Inspections.	Drains tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.
St. Mary ... Mr. Syms.	920	9	2233	452	162	426	...	1700	196	115	142	8	191	68	8
St. Paul ... Mr. Mayhew.	686	28	2493	346	82	272	1	510	92	37	106	55	223	79	10
St. Peter ... Mr. Banham.	507	7	1565	316	51	525	...	883	200	27	108	65	190	62	8
St. John ... Mr. White.	829	14	2205	433	53	237	...	503	163	17	114	47	156	65	4
Trinity ... Mr. Findley.	788	6	2684	318	221	168	...	511	28	111	90	17	200	34	48
All Saints ... Mr. Steele.	704	7	2498	369	123	539	...	997	214	43	126	107	208	63	11
St. Michael ... Mr. Hattersley.	541	20	2230	235	115	416	7	1333	139	89	94	31	259	35	12
Queen's Bldgs. Mr. Hattersley.	26	6	41	11	...	89	...	256	51	1	22	8	3	6	...
St. Jude ... Mr. Bryant.	640	35	2902	404	100	355	...	1084	169	79	79	63	254	52	15
St. George ... Mr. Ede.	862	50	2702	433	136	219	1	685	115	53	141	40	227	60	31
Christchurch Mr. Bowers.	277	1	809	121	33	96	...	330	48	2	44	23	117	32	1
St. Saviour ... Mr. Bowers.	191	5	453	76	12	395	...	600	82	9	83	47	86	21	10
Total ...	6971	188	22815	3514	1088	3737	9	9392	1497	583	1149	511	2114	580	158

Under the Public Health and Housing Acts, during the Year, 1929.

3.

Factories, Workshops, Workplaces, Etc.		Housing.				Houses Let in Lodgings.						Notices Served.			Notices Complied with.		Number of Original Inspections made Daily.	Number of Re-Inspections made daily.
Inspections.	Drains tested.	Inspections.	Re-Inspections.	Notices.	Statutory Notices.	Inspections.	Re-Inspections	Notices.	Statutory Notices.	April Cleansing Notices.	Rooms Cleansed.	Intimation, P.H. Act.	Statutory, P.H. Act.	Housing.	P.H. Act.	Housing.		
259	104	285	666	285	...	36	228	34	18	33	261	716	540	319	804	269	7.3	18.0
158	43	129	331	129	...	19	82	2	4	12	28	517	333	131	397	175	5.4	14.4
107	90	86	257	86	..	30	170	11	...	27	97	578	308	97	558	81	4.8	11.1
183	82	74	84	74	..	24	77	7	...	18	184	661	359	81	684	70	5.2	11.1
331	324	380	1338	380	..	15	104	11	...	12	109	380	451	391	314	373	6.2	18.1
123	113	177	822	177	1	35	322	21	11	32	131	646	255	198	534	173	6.0	17.4
272	201	216	484	216	...	103	342	46	...	77	280	409	338	262	490	261	6.2	18.1
...	...	1	1	1	...	...	...	...	...	...	...	68	4	1	45	1		
346	146	194	995	194	..	13	38	10	...	8	59	625	410	204	758	174	5.7	19.1
230	88	220	577	220	2	40	73	22	...	25	49	608	451	242	558	211	6.0	15.3
196	70	36	134	36	...	46	119	19	...	41	176	201	179	55	181	54	5.9	10.3
249	88	31	78	31	...	11	16	5	...	10	57	182	179	36	282	32		
2454	1349	1829	5767	1829	3	372	1571	188	33	295	1431	5591	3807	2017	5605	1874		

TABLE

Summary of Sanitary Works Completed under

WARD, OR DISTRICT.	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.
St. Mary ... Mr. Syms.	27	26	13	44	29	24	17	125	133	73
St. Paul ... Mr. Mayhew.	19	32	3	33	45	6	18	76	104	48
St. Peter ... Mr. Banham.	11	17	1	16	...	2	4	44	56	52
St. John ... Mr. White.	7	16	5	31	11	6	...	60	94	47
Trinity ... Mr. Findley.	20	47	8	67	42	20	34	126	124	85
All Saints' ... Mr. Steele.	10	37	1	27	21	...	15	61	98	39
St. Michael ... Mr. Hattersley.	4	20	3	21	2	5	1	46	62	27
St. Michael ... Mr. Hattersley.	...	2	...	...	...	...	...	...	...	...
St. Jude ... Mr. Bryant.	32	33	10	74	44	17	60	138	239	105
St. George ... Mr. Eds.	8	29	4	46	12	39	62	102	172	134
Christchurch ... Mr. Bowers.	20	9	15	11	18	16	65	70	92	121
St. Saviour ... Mr. Bowers.	13	8	6	9	42	7	29	35	58	49
Total ...	171	276	69	379	266	142	305	883	1232	780

14

the Public Health Act, during the year 1929.

Rain Water Pipes repaired, &c.	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.
44	2	...	...	325	70	64	1926	...	...	...	176	3	460
43	1	...	...	247	63	75	964	...	...	...	143	2	350
53	...	...	...	192	54	44	885	...	...	...	138	1	431
22	3	...	...	181	51	27	1258	...	...	...	137	3	459
70	4	11	1	386	116	90	1352	2	...	...	115	12	605
59	1	1	...	322	80	62	1062	2	...	...	214	2	488
41	2	...	...	172	61	33	1472	...	...	...	115	2	290
2	...	...	...	...	...	...	61	...	...	...	...	...	22
78	1	...	...	298	158	18	1633	4	...	1	137	2	844
36	...	...	42	204	66	54	1500	2	...	...	168	...	424
1	...	...	...	76	12	3	410	...	...	...	57	3	156
8	...	...	...	33	8	5	422	...	...	...	23	2	97
457	14	12	43	2436	739	475	12945	10	...	1	1423	32	4626

TABLE

Sanitary Works completed under

WARD OR DISTRICT.											
	Chimney flues repaired.	Brickwork and Pointing repaired.	Window reveals and sills.	Window sash repaired.	New Sash Lines.	Doors and woodwork reprd.	Stair Treads and Risers repaired.	Handrail and Balusters repaired.	Floors repaired.		
St. Mary	17	22	4	59	351	49	8	19	37		
St. Paul	5	39	32	125	79	37	5	6	43		
St. Peter	8	7	7	14	23	15	10	7	17		
St. John	5	3	11	19	26	39	5	11	15		
Trinity...	44	63	95	85	118	70	41	19	85		
All Saints'	24	9	13	43	36	25	1	19	52		
St. Michael	18	5	17	95	59	46	70	12	48		
St. Michael	...	...	...	...	...	2	...	...	...
St. Jude	29	79	49	77	167	89	89	59	61		
St. George	3	3	2	26	45	20	13	27	92		
Christchurch	1	...	...	10	12	3	2	5	6		
St. Saviour	...	1	4	4	3	1	1	2	1		
Total	154	231	234	557	919	396	245	186	457		

15.

the Housing Acts, during the year 1929.

						HOUSES LET IN LODGINGS.									
Provision of ventilated food Storage.	Plaster repaired.	Store and Fireplace repaired.	Copper repaired.	Stone Steps repaired.	Skylight repaired and new Cords.	Separation of Sexes and Overcrowding.	Cleansing by Tenants and Lodgers.	Cleansing of Bed Linen.	Cleansing of Receptacles.	Removal of Refuse Daily.	Ventilation of Rooms by Lodgers.	Animals in Tenements.	Rooms cleansed.		
1	99	115	24	25	6	...	...	...	...	...	...	...	261		
...	8	64	3	4	1	...	...	...	...	...	...	...	28		
...	29	44	9	1	...	...	...	...	...	...	...	...	97		
...	6	43	20	2	...	...	...	...	...	...	...	...	184		
1	93	139	72	13	5	...	3	...	...	...	1	...	109		
...	10	55	38	3	...	...	...	...	...	...	...	...	131		
...	4	142	35	5	1	...	...	...	...	...	...	...	280		
...		
...	93	123	31	4	...	...	...	...	...	...	...	...	59		
...	10	88	34	5	...	...	...	...	...	...	...	...	49		
...	8	35	6	...	...	...	...	...	...	...	...	...	176		
...	5	25	5	1	...	...	...	...	...	...	...	...	57		
2	365	873	277	63	13	...	3	...	...	...	1	...	1431*		

* April Cleansing Notices.

PROCEEDINGS TAKEN UNDER THE PUBLIC HEALTH AND OTHER ACTS.

30 summonses were taken out during the year 1929, 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 Wards:—

TABLE 16.

	WARD OR DISTRICT.											Total.
	St. Mary's.	St. Paul's.	St. Peter's.	St. John's.	Trinity.	All Saints'	St. Michael's.	St. Jude's.	St. George's.	Christchurch.	St. Saviour's.	
Number of Summonses taken out	3	12	—	2	3	5	1	3	—	1	—	30

The above summonses had reference to the following:—

Ordinary Nuisances	...	...	...	17
Water Supply on Upper Storeys	...	...	...	3
Closing Orders (Housing Act)	...	...	...	2
Ash Pit Accommodation	...	...	...	3
Overcrowding	...	...	...	1
Removal of Fish Offal	...	...	...	3
Disobedience of Magistrate's Order	...	...	...	1
				30

TABLE 17.

These proceedings resulted as follows:—

Summonses withdrawn (with costs), the Council's requirements having been complied with	...	...	15
Magistrates' Orders made with costs	...	...	7
Closing Orders made	...	...	2
Summonses withdrawn (without costs)	...	...	2
Penalties and Costs	...	...	3
Disobedience of Magistrate's Order (costs)	...	...	1
Total	...	...	30

TABLE 18.
Proceedings taken under the Public Health and Other Acts.

Defendant.	Cause of Proceedings.	Result.
Daisy Austin, ... 120, New Kent road, S.E.	Neglecting to provide water supply on upper storey at 79, Hillingdon street	Ordered to do work within 14 days, with 21/- costs
Pusser & Co., ... 252, Old Kent road, S.E.	Neglecting to amend defective W.C. and to cleanse dirty premises at 43, Great Dover st.	Summons withdrawn, work done, with 12/6 costs
Arthur Benabo, ... 53, Commercial road, E.1	Neglecting to amend defective water closet seat and roof gutters at 14, Ayliffe street	Summons withdrawn, work done, with 12/6 costs
John Patrick Roff, ... 4, Amery Place	Neglecting to comply with a Closing Order at 4, Amery Place	Magistrate ordered occupiers to quit the house within 7 days
Frederick Roff, ... 4, Amery Place	Neglecting to comply with a Closing Order at 4, Amery Place	Magistrate ordered occupiers to quit the house within 7 days
Edwin Lovell, ... 356, Brixton road, S.W.9	Neglecting to amend defective washhouse floor at Nelson House	Ordered to do work within 14 days, with 21/- costs
Charles Harding, ... 59, York road, Lambeth	Neglecting to amend defective staircase wall at 49, Farmer's road	Ordered to do work within 14 days, with 21/- costs
Charles Harding, ... 59, York road, Lambeth	Neglecting to provide sufficient ash-pit accommodation at 51, Farmers read	Summons withdrawn, ash-pit supplied, no costs

Defendant.	Cause of Proceedings.	Result.
Charles Harding, ... 59, York road, Lambeth	Neglecting to amend defective yard paving and to cleanse dirty rooms at 51, Farmers road	Ordered to do work within 21 days, with 21/- costs
Charles Harding, ... 59, York road, Lambeth	Neglecting to amend defective yard paving and to cleanse dirty rooms at 53, Farmers road	Ordered to do work within 21 days, with 21/- costs
William Wynn, ... 2, Huntsman st., S.E.17	Neglecting to abate overcrowding at 2, Huntsman street	Ordered to abate overcrowding within 28 days, no costs
Daisy Anstin, ... 120, New Kent road, S.E.	Neglecting to provide water supply on upper storey at 79, Hillingdon street	Summons withdrawn, work done, with 10/6 costs
T. H. Brown, ... Headstone lane, Harrow	Neglecting to amend defective water closet pan at 6, Horsman street	Summons withdrawn, work done, with 21/- costs
T. H. Brown, ... Headstone lane, Harrow	Neglecting to provide sufficient ash-pit accommodation at 27, Horsman street	Summons withdrawn, work done, with 21/- costs
T. H. Brown, ... Headstone lane, Harrow	Neglecting to amend defective sash cords at at 27, Horsman street	Summons withdrawn, work done, with 21/- costs
C. Benabo & Sons, ... 240, Mile End road	Neglecting to amend defective walls at 16, Chapter terrace	Summons withdrawn, work done, with 12/6 costs
C. Benabo & Sons, ... 240, Mile End road	Neglecting to amend defective chimney at 4, Earl street	Summons withdrawn, work done, with 12/6 costs

Defendant.	Cause of Proceedings.	Result.
Arthur Benabo, ... 53, Commercial rd., E.1	Neglecting to amend defective roof gutters at 14, Ayliffe street	Summons withdrawn, work done, no costs
W. Foley, ... 53, Heathland rd., N.16	Neglecting to amend defective rainwater pipe and to cleanse dirty rooms at 104, Great Suffolk street	Ordered to do work within 14 days, with 21/- costs
Emanuel Gold, ... 37, Holmwood rd., S.W.2	Causing to be removed by road, offensive matter (fish offal) contrary to the provisions of the London County Council Bye-laws	Fined £2 and £3 3s. 0d. costs
Noel Bertrand, ... 28, Penton Place, S.E.17	Removing by road, offensive matter (fish offal) contrary to the provisions of the London County Council Bye-laws (2 summonses)	Costs included in the above summons
Dora Norman, ... 40, De Vere Gds., Ilford	Neglecting to amend defective roof at 72, Carter street	Ordered to do work within 14 days, with 21/- costs
W. A. Sanders, ... 13, Bolton street, W.1	Neglecting to cleanse dirty rooms at 33, Deans buildings	Summons withdrawn, work done, with 21/- costs
W. A. Sanders, ... 13, Bolton street, W.1	Neglecting to amend defective roof and to cleanse dirty rooms at 35, Deans buildings	Summons withdrawn, work done, with 21/- costs
Dora Norman, ... 40, De Vere Gds., Ilford	Disobedience of Magistrates Order to amend defective roof at 72, Carter street	Order complied with, 10/6 costs

Defendant.	Cause of Proceedings.	Result.
Walter V. Keeble, ... 63, Brandon st., S.E.17	Neglecting to provide sufficient ash-pit accommodation at 61, Brandon street	Summons withdrawn, ash-pit provided, with 21/- costs
Walter V. Keeble, ... 63, Brandon st., S.E.17	Neglecting to cleanse dirty rooms at 61, Brandon street	Summons withdrawn, work done, costs included in above summons
G. O. Davies, ... Marlborough road, Wealdstone	Neglecting to amend defective roof and skylight at 112A, London road	Summons withdrawn, work done, with 10/6 costs
A. G. L. Gamlen, ... 341, Hackey road, E.2	Neglecting to provide a sufficient supply of water to upper storey at 69, St. Georges road	Summons withdrawn, water supply provided, with 12s. 6d. costs

"MERCHANDISE MARKS" ACT OF 1926.

The Committee in October, 1928, after hearing a report from the Town Clerk on the Cold Storage and marking of Eggs, decided to appoint Inspectors Fisher and Duffield as Inspectors under the Agricultural Produce (Grading and Marking Act) owing to their constant attendance at the Cold Stores.

This act contains special provisions as to Eggs.

Under the "Merchandise Marks" Act, 1926, and an Order in Council made under that Act, dated July 13th, 1928, other articles, namely, Honey and Fresh Apples are dealt with, part of the Order relating to further products Currants, Raisins, Sultanas, Oatmeal, Rolled Oats, &c., came into force in July, 1929.

All the above must, under penalty, be marked on sale, wholesale or retail, with the country of origin in a specified manner; either "Foreign" or "Empire," or with the name of the actual country of origin in letters of specified dimensions, the sale of imported goods of the above description without indication of origin being a punishable offence.

It is set out in section 9 of the Act that Borough Councils authorised to appoint a Public Analyst for the purposes of the Sale of Food and Drugs Acts may as far as relates to any goods being food stuff to which an Order in Council under this Act applies execute any of the provisions of this Act, and any expenses shall be defrayed as expenses incurred by the Authority in executing the Food and Drugs Act.

Any Officer of any such local authority if authorised, and on production of his authority has power to enter premises.

Should the Local Authority decide to undertake this work it will be necessary to authorise certain Inspectors for the purpose, and I would suggest that all the Inspectors should be authorised to carry out the provisions of the Merchandise Marks Act, 1926, as is the procedure adopted in other Boroughs.

The above suggestion was adopted by the Council, and all the Inspectors were appointed to carry out the provisions of the above Act.

During the year under consideration the attention of several traders who were not observing the Regulations was called to the fact, and in each instance they carried out the instructions of the Inspectors.

PUBLIC HOUSE URINALS.

During the past year considerable attention has been paid on my instructions as to the prevailing conditions of the public house urinals in the Borough. Many have been improved, both in regard to the sanitary condition, also in respect to decency.

There are 234 licensed houses in the Borough, of these 101 have urinals approached from the street; 127 are situated indoors or approached through the house, and 8 have no accommodation, these being in close proximity to Public Conveniences. Two houses have conveniences both indoors and out, and 6 houses have accommodation for ladies.

As a rule the conveniences are open during business hours, but 2 remain open all night.

As a whole the conveniences show great improvement, and are clean and well kept, only 2 being unsatisfactory, these have been dealt with.

ICE CREAM REGULATIONS.

Under these regulations 94 premises have been inspected and found suitable for the storage or sale of Ice Cream, and permission granted to carry on the trade.

A register is kept of all the premises in accordance with the requirements of the Regulations.

During the year, all the premises on our register were systematically visited and any sanitary or other defects likely to contaminate the product were remedied.

On the whole the premises are in a cleanly condition, and all necessary precautions taken.

ACTS AND BYE-LAWS ADMINISTERED BY THE PUBLIC HEALTH DEPARTMENT.

ACTS OF PARLIAMENT—

- Infectious Diseases (Prevention) Act, 1890.
- The Public Health (London) Act, 1891.
- The Metropolis Management Act, 1855.
- The Factory and Workshops Acts, 1901 to 1907.
- The Rag and Flock Act, 1911 and 1928.
- Rats and Mice (Destruction) Act, 1919.

Public Health (Smoke Abatement) Act, 1926.
 Sale of Food and Drugs Act, 1875 and 1927.
 Milk and Dairies (Consolidation) Act, 1925.
 Milk and Dairies (Amendment) Act, 1922.
 Sale of Horse Flesh Regulation Act, 1889.
 Increase of Rent and Mortgage Interest (Restrictions) Acts, 1920
 and 1923.
 Food and Drugs (Adulteration) Act, 1928.
 Housing Act, 1925.
 London County Council (General Powers) Acts, 1901 to 1928.
 Cleansing of Persons Act, 1897.
 Merchandise Marks Act, 1926.

REGULATIONS—

Regulations (Shell fish), 1915.
 Sale of Milk Regulations, 1901 and 1912.
 Sale of Butter Regulations, 1902.
 Public Health (Condensed Milk) Regulations, 1923 and 1927.
 Public Health (Dried Milk) Regulations, 1923 and 1927.
 Public Health (Preservatives in Food, &c.) Regulations, 1925 to 1927.
 Public Health (Tuberculosis) Regulations, 1912, 1921, 1924, 1925.
 Public Health (Meat) Regulations, 1924.
 Public Health (Imported Milk) Regulations, 1926.
 Public Health (Pneumonia, Malaria and Dysentery) Regulations,
 1918.
 Public Health (Acute Encephalitis Lethargica and Acute Polio-
 Encephalitis) Regulations, 1918.
 Public Health (Ophthalmia Neonatorum) Regulations, 1926-1928.
 Public Health (Notification of Puerperal Fever and Puerperal
 Pyrexia) Regulations, 1926-1928.
 Infectious Diseases (London) Regulations, 1927.

LONDON COUNTY COUNCIL—

Vendors of Fried Fish, 1914.
 Fish Curers, 1914.
 Dressers of Fur Skins, 1922.
 Rag and Bone Dealers, 1923-1928.
 Houses divided into separate tenements, &c., 1926.
 Removal of offensive matter, 1901.
 Closing and filling of cesspools and removal of refuse, 1893.
 Water closets, ashpits, manure receptacles, &c., 1893.
 Notice and plans of drainage work, 1903.
 Construction of drains, &c., 1900.

Plans of drainage work, 1911.
 Business of a slaughterer of poultry, 1923.
 Construction of soil pipes, 1923.
 Slaughterhouses, 1891-1923.
 Water closets, &c., 1913.
 Offensive trades.
 Conveyance of dead horses.

ORDERS—

Tuberculosis Orders (Cattle), 1925, (1) and (2).
 Bakehouse Welfare Order, 1927.
 Registration of Margarine Factories, 1900.
 Registration of Butter Factories, 1907.
 Milk and Dairies Order, 1926.
 Milk (Special Designations) Order, 1922-1923.
 Milk (Special Designations) Amendment Order, 1922.
 Sale of Food Order. Part (3), 1921.
 Sanitary Accommodation Order, 1903.
 Home Work Orders, 1911, 1912, 1913.
 Merchandise Marks (Imported Goods) Order, No. 3, 1928.
 Merchandise Marks (Imported Goods) Order, No. 5, 1928.
 Sanitary Officers' Order, 1922.

Other Acts referring to works of the Public Health Department :—

Notification of Births Act, 1907.
 Maternity and Child Welfare Act, 1918.

SOUTHWARK BOROUGH COUNCIL—

Fouling of footway by dogs.

RAG FLOCK ACTS, 1911 and 1928.

There are several premises in the Borough where Rag flock is used in the course of the manufacture of bedding, &c., which have been visited from time to time.

It was not found necessary to take any action under this Act during the year.

SMOKE ABATEMENT.

Southwark suffers more from other Boroughs smoke than from its own as being one of the most Central spots in London from whichever quarter the wind blows it gets smoke from other localities, the amount, greater or lesser depending on the direction of the wind. Nevertheless, one or two works have been emitting smoke in considerable quantities and the attention of the occupiers has been drawn to the matter on its occurrence.

Elaborate experiments are being carried out to endeavour to obviate the escape of smoke into the atmosphere at these works, but they are not yet completed. A Conference held under the auspices of the Smoke Abatement Society, met at the Guildhall, on October 15th, 1929, which was attended by the Chairman of the Public Health Committee and myself, as a result of which future legislation is suggested.

BLACK SMOKE.

During the year 1929 four complaints were received at the Public Health Office from persons other than the Council's Inspectors.

TABLE 19

Showing the Number of Observations, &c., in regard to Smoke Nuisances made by the several Ward Inspectors during 1929.

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total for Borough.
Number of observations made by the inspectors...	41	—	—	12	3	—	2	—	—	—	5	63
Number of nuisances observed	—	—	—	3	—	—	—	—	—	—	4	7
No. of Intimation Notices served	—	—	—	1	—	—	—	—	—	—	1	2
No. of Statutory Notices served	—	—	—	1	—	—	—	—	—	—	1	2
No. of Summonses taken out	—	—	—	—	—	—	—	—	—	—	—	—

During the year 1928, three complaints were received at the Public Health Office, 11 observations were made, and six nuisance was observed.

HOUSES LET IN LODGINGS.

Notices are sent to those concerned to proceed with the cleansing each April, and from time to time leaflets are distributed to tenants and lodgers, drawing their attention to their obligations under these Regulations.

NUMBER OF HOUSES ON REGISTER AT END OF 1929.

St. Mary	...	...	35	St. Michael	...	...	93
„ Paul	...	...	19	„ St. Jude	...	...	14
„ Peter	...	...	34	„ St. George	...	...	37
„ John	...	...	22	Christ Church and St. Saviour	...	...	55
Trinity	...	...	13				
All Saints	...	...	34	Total	...	...	356

TABLE 20

**Factories, Workshops, Laundries, Workplaces and
Homework.**

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

Premises.	Number		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ...	368	53	...
Workshops (including Workshop Laundries) ...	590	81	...
Workplaces	6206	274	...
Homeworkers' Premises (including Out-workers)	215	2	...
Total	7379	410	...

2.—Defects Found.

Particulars.	Number of Defects.			Number of Prosecu- tions.
	Found.	Remedied.	Referred to H.M. Inspector.	
* NUISANCES UNDER THE PUBLIC HEALTH ACTS :—				
Want of Cleanliness	276	291	...	...
Want of Ventilation	7	12	...	...
Overcrowding	2	2	...	...
Want of drainage of floors	1	1	...	...
Other nuisances	353	380	...	...
Sanitary accommodations :				
Insufficient	3	1	...	...
Unsuitable or defective	43	44	...	...
Not separate for sexes	2	1	...	...
OFFENCES UNDER THE FACTORY AND WORK- SHOP ACT :—				
Illegal occupation of underground bakehouse (S. 101)... ..	...	...	...	...
Breach of special sanitary require- ments for bakehouses (SS. 97-100)	...	...	...	...
Other offences	103	103	...	...
Total	790	835	...	...

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

TABLE 21.

3.—Home Work.

NATURE OF WORK.	OUTWORKERS' Lists, Section 107.								Number of Inspections of Outworkers' Premises.	OUTWORK IN UN- WHOLESOME PRE- MISES, S. 108.			OUTWORK IN IN- FECTED 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 per- mit inspection of lists.	Failing to send lists.							
	Lists.	Out- workers.	Lists.	Out- workers.											
Wearing Apparel—															
(1) Making, &c....	65	53	64	50	479	420	...	...	103	4	1	...	...	...	...
(2) Cleaning and washing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lace, lace curtains and nets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Furniture and Upholstery...	1	3	1	2	...	1	...	...	5	...	...	...	...	...	...
Fur pulling...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...
Umbrellas ...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...
Paper Bags and Boxes ..	7	13	11	25	26	29	...	...	31	7	1	...	...	...	...
Brushmaking ...	7	10	7	11	...	...	...	...	20	2	...	...	...	...	...
Stuffed Toys ...	1	6	1	9	...	5	...	...	15	...	...	...	...	...	...
File making ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Electro Plate ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cables and Chains ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anchor and Grapnels ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cart Gear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Locks, Latches and Keys ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous ...	9	19	7	32	26	36	...	...	41	1	...	...	1	...	...
TOTAL ...	90	104	91	129	536	491	..	...	215	15	2	...	1	...	...

TABLE 22
4.—Registered Workshops.

Workshops, Workplaces, &c., on the Register (S. 131) at the end of the year.	Number.
Bakehouses	}
Factory Bakehouses	
Eating houses and places where food is prepared for sale ...	350
Ice Cream Shops	171
Laundries	32
Dressmakers, Milliners, &c.	12
Tailoring	22
Brushmakers	4
Miscellaneous	1941
Total number of Workshops, Workplaces, &c., on Register ...	2634

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)	2
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	21
Reports (of action taken) sent to H.M. Inspectors ...	18
Other ... ..	...
Underground Bakehouses (S. 101) :—	
Certificates granted during the year ... ..	...
In use at end of the year... ..	26

WOMEN'S WORKSHOPS.

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

928 inspections, and 661 re-inspections were made.

The following defects were discovered, and 22 intimations, and 6 statutory notices were served in order to obtain the abatement of the nuisances complained of :—

Blocked Drains, unstopped ...	5
Water apparatus defective... ..	29
Roofs defective	8
Paving defective	2
Rooms dirty	142
Dust-bin defective	1
Overcrowding	2
Miscellaneous nuisances	82
Total	271

All the above mentioned nuisances were remedied.

Miss Burrows also made 1,550 inspections of the women's conveniences throughout the Borough.

TABLE 23.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Summary showing investigations and inspections made during the year 1929.

WARD. OR 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 Occupiers.		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.	Ferrets.				
St. Mary ...	33	25	11	329	16	2154	111	514	—	—	9	2	—	8
St. Paul ...	52	41	34	619	131	1976	109	547	3	—	11	3	—	2
St. Peter ...	39	27	12	211	14	882	85	389	5	—	3	3	—	2
St. John ...	29	27	13	138	15	261	29	63	1	—	11	7	1	1
Trinity ...	29	24	79	423	33	1617	30	467	3	—	31	1	—	15
All Saints' ...	24	32	78	551	29	2179	38	797	3	—	8	6	—	6
St. Michael ...	46	41	13	232	26	942	50	222	2	—	12	6	—	1
St. Jude ...	57	62	144	336	40	1113	16	376	2	—	26	7	—	11
St. George ...	51	63	41	203	28	611	28	158	3	—	31	5	—	1
Christchurch..	18	14	22	99	16	626	64	145	2	—	9	—	—	3
St. Saviour ...	12	22	28	221	13	2272	73	464	1	—	9	—	1	4
TOTAL ...	390	378	475	3362	361	14633	633	4142	25	—	160	40	2	54

Number of Rats destroyed ... 1,133

CUSTOMS AND INLAND REVENUE ACT, 1890.

No Certificate for exemption from Inhabited House Duty was granted during the year 1929.

HOUSING, TOWN PLANNING, Etc., ACT, 1909.

No certificate for exemption from Inhabited House Duty in respect to lodging houses for working classes was granted during the year.

WATER SUPPLY.

PUBLIC HEALTH (LONDON) ACT, 1891.

Section 48.

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

Premises.	Certificates granted to.
1 to 9, Elgood House (9 tenements)	Messrs. R. Rowley, Ltd., Belmont Works, Tottenham, N.17.
10 to 15, Daryngton House (6 tenements)	Messrs. R. Rowley, Ltd., Belmont Works, Tottenham, N.17.
1 to 27, Medway House (27 tenements)	Messrs. R. Rowley, Ltd., Belmont House, Tottenham, N.17.

WATER SUPPLIES TO TENEMENT HOUSES.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1907.

14 additional water supplies were provided to houses during the year, 1929.

Cleansing of Verminous Rooms and their Contents.

During the year 1929 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, 1904 and 1922, has increased in comparison with 1928. I append a table shewing the number of notices served upon the owners or occupiers of the several premises in question, and the number of verminous rooms stripped and cleansed by the owners, and fumigated by the Council's disinfecting staff, respectively. I also submit tables showing the number of articles dealt with at the disinfecting stations.

TABLE 24.
Verminous Rooms Cleansed.

WARD OR DISTRICT.	No. of Intimation Notices served.	No. of Statutory Notices served.	Police Court proceedings taken.	Verminous rooms treated.	
				(a) by Owners of Premises.	(b) by the Council's Disinfecting Staff.
St. Mary	63	34	—	82	72
St. Paul	72	30	—	87	99
St. Peter	29	9	—	34	48
St. John	32	18	—	40	43
Trinity... ..	89	43	—	128	165
All Saints	28	6	—	34	102
St. Michael	29	22	—	39	63
St. Jude	121	48	—	153	94
St. George	49	26	—	61	76
Christchurch	11	10	—	18	19
St. Saviour	11	6	—	13	29
TOTAL	534	252	—	*689	810

*Note :—These 689 rooms were stripped by the owners.

CLEANSING OF PERSONS ACT, 1897.

Adults sent from Lodging-houses and other places in the
Borough to be cleansed during 1929.

TABLE 25.

Address.	Male.	Female.	Total.
3, Quilp street ...	—	—	—
76, Blackfriars road ...	—	—	—
12, Marshalsea road ...	3	—	3
Salvation Army Shelter, Blackfriars road...	643	—	643
90, Camberwell road ...	21	—	21
7, Dorritt street ...	—	15	15
86, Gravel lane ...	8	—	8
12, Gray street ...	19	—	19
56, Newington Causeway ...	6	—	6
Rowton house ...	60	—	60
St. Olave Chambers ...	140	—	140
112, Southwark Bridge road ...	29	—	29
128, Walworth road ...	20	—	20
78, Camberwell road ...	—	—	—
12, Lombard street ...	—	6	6
Morning Post Home, New Kent road ...	9	—	9
8, Great Charlotte street ...	8	—	8
52, Lambeth Road ...	—	—	—
19, Belvedere crescent ..	—	3	3
Other addresses ...	40	36	76
Total ...	1,006	60	1,066

TABLE 26.

Showing the Number and Sex of Verminous or Scabious Children treated at the Council's Station, King James Street, during 1929, and the Schools from which they were sent.

These 3,131 Children received 5,095 baths during 1929.

Name of School.	VERMINOUS.		SCABIOUS.		Total.
	Boys.	Girls	Boys.	Girls.	
Archbishop Sumner ...	5	7	—	—	12
Addington street ...	27	44	—	1	72
All Saints' ...	7	37	—	—	44
Archbishop Temple ...	—	—	—	—	—
Archbishop Tenison ...	—	—	—	—	—
Archbishop Tait ...	—	2	—	—	2
Blackfriars ...	8	104	2	—	114
Beresford street ...	—	—	—	—	—
Charles Dickens ...	23	96	—	—	119
Christchurch ...	5	45	—	—	50
Crampton street... ..	15	41	1	—	57
English Martyrs ...	16	65	2	2	85
Faunce street ...	—	—	1	1	2
Flint street ...	11	70	—	1	82
Heygate street ...	8	15	—	—	23
Holy Trinity ...	7	17	—	1	25
Harper street ...	37	80	1	—	118
Hatfield street ...	16	62	4	3	85
Holland street ...	1	37	—	1	39
Johanna street ...	74	177	4	6	261
John Ruskin ...	12	—	1	1	14
King and Queen street ...	22	99	—	—	121
Lollard street ...	1	3	2	2	8
Mina road ...	2	—	—	—	2
Michael Faraday ...	4	20	—	—	24
Newcomen Foundation ...	—	3	—	2	5
Orange street ...	28	102	—	—	130
Penrose street ...	23	75	—	2	100
Friar street ...	25	145	5	1	176
Rockingham street ...	20	100	3	—	123
St. George's R.C. ...	15	37	—	—	52
Carried forward...	412	1,483	26	24	1,945

Name of School.	VERMINOUS.		SCABIOUS.		Total.
	Boys.	Girls.	Boys.	Girls.	
Brought forward ...	412	1,483	26	24	1,945
St. George's, Earl street ...	11	43	1	—	55
Sayer street ...	18	92	1	1	112
St. Saviour's ...	6	30	1	2	39
St. Agnes ...	—	—	3	—	3
St. Paul's, Sutherland square	4	22	—	2	28
Surrey square ...	5	2	—	—	7
Sandford row ...	7	28	1	2	38
Stowey house ...	—	2	—	1	3
St. John's, Larcom street ...	7	15	1	4	27
St. Patrick's ...	14	36	—	—	50
St. John's, Waterloo road ...	10	43	1	—	54
St. Alban's ...	6	12	—	3	21
St. Andrew's ...	5	39	1	2	47
St. Mary, Newington ...	14	116	5	1	136
St. Jude's ...	8	20	—	—	28
St. Joseph's ...	21	95	—	3	119
St. Mary, Lambeth ...	—	1	1	—	2
St. Peter's ...	4	13	3	2	22
St. Phillip's ...	—	—	—	—	—
Victory place ...	17	45	2	—	64
Westminster Bridge road ...	16	49	10	8	83
Walnut Tree walk ...	1	6	2	2	11
West square ...	20	28	1	1	50
Waterloo road ...	14	107	—	1	122
Westmoreland road ...	10	43	1	—	54
Webber street ...	—	2	—	—	2
Boundary Lane... ...	—	—	—	—	—
Other schools ...	1	8	—	—	9
Totals ...	631	2,380	61	59	3,131

TABLE 27.

Verminous Bedding, &c., Disinfected at the Council's Stations during 1929.

Articles.	Disinfected.	Destroyed.
Beds	202	—
Palliasses	29	—
Bolsters and Pillows	286	—
Cushions	33	—
Blankets	560	—
Sheets	419	—
Quilts	129	—
Articles of Clothing, &c.	22,649	—
Total	24,407	—

VERMINOUS PERSONS CLEANSED DURING 1929.

During the year 6,157 persons were cleansed at the station in King James Street. Of these under our agreement with the London County Council, were 5,094 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.

1,063 adults sent from the various common lodging houses and other places in our borough were cleansed during the year, as against 928 dealt with under the provisions of the Cleansing of Persons Act, 1897, in 1928.

MORTUARIES.

TABLE 28.

During the year 666 bodies were received into the Mortuaries : —

Reasons bodies were brought to Mortuary.	Collier's Rents Mortuary.	Manor Place Mortuary.	Total.
Bodies brought in upon which Inquests were held	170	59	229
Bodies brought in for convenience	10	418	428
Bodies brought in in cases where death had occurred from Infectious Disease	1	8	9
Total	181	485	666

There are two mortuaries each having a Coroner's Court attached, one is situated at Manor Place and the other at Collier's Rents. The Coroner's Court at Manor Place is not so satisfactory as that at Collier's Rents, inasmuch as there is no retiring room for the Coroner, also the accommodation is limited. There is a resident caretaker at each and telephonic communication has been installed.

TABLE 29.

9.—HOUSING.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b))	42
(b) With State assistance under the Housing Acts :	
(i) By the Local Authority	—
(ii) By other bodies or persons	42
1. <i>Unfit dwelling houses</i> :—	
Inspection—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	14,060
(2) Number of dwelling houses which were inspected and recorded under the Housing Consolidated Regulations, 1925	2,017
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
(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	2,015
2. <i>Remedy of Defects without Service of formal Notices</i> :—	
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	1,874
3. <i>Action under Statutory Powers</i> :—	
A. Proceedings under Section 3 of the Housing Act, 1925 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	3
(2) Number of dwelling houses which were rendered fit after service of formal notices —	Nil
(a) by owners	Nil
(b) by Local Authority in default of owners	18

TABLE 29—continued.

(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	Nil
B. Proceedings under Public Health Acts:—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	5,591
(2) Number of dwelling houses in which defects were remedied after service of formal notices:	
(a) by owners	5,605
(b) by Local Authority in default of owners	Nil
C. Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925:—	
(1) Number of representations made with a view to the making of Closing Orders ...	2
(2) Number of dwelling houses in respect of which Closing Orders were made ...	2
(3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit ...	Nil
(4) Number of dwelling houses in respect of which Demolition Orders were made ...	Nil
(5) Number of dwelling houses demolished in pursuance of Demolition Orders ...	Nil
D. Proceedings under Part II. Sec. 35 Sub-Sec. (1)—	
(1) Representation to Local Authority ...	180

HOUSING.

During the year 1929, the number of houses granted to families from Southwark by the London County Council amounted to 80. They were distributed as follows :—

Downham	...	...	24	Becontree	...	...	41
Hendon	...	...	14	Tottenham	...	...	1

The slum clearance scheme in Hatfield Street and Paris Gardens area, which was represented by me to the London County Council in 1926, is now practically completed and the following insanitary parts of the property have been removed from our midst :—

Bennett Street	Hatfield Place
Broadwall	Hatfield Street
Collingwood Street	Meymott Street
Columba Court	Paris Gardens
Crosset Place	

The Hankey Place area has also been demolished, which was represented by me, also in 1926.

This includes 7, 9, 11, 13, 15, 17, 19 and 21, Hankey Place.

The Hard Street area amended in consultation with representatives of the London County Council is still under consideration, and the following streets and premises are included in it, and will be dealt with by the London County Council shortly :—

Hard Street	Angle Street
Kingston Street	Blackwood Street
Townley Street	King and Queen Street
East Street	Beddome Street
Morecambe Street	

During the year 1929, the following blocks of buildings have been erected in Southwark :—

Church Army Dwellings, Hankey Place (9 flats) 1-9, Elgood House.

Church Army Dwellings, Hankey Place, (6 flats) 10-15, Daryngton House.

Medway House, Hankey Place (27 tenements).

The task of improving the condition of the old houses in Southwark and keeping them in a habitable condition until other schemes mature is one of the most important duties of the Public Health Department at the present time.

The old properties have been searched through many times to find suitable building sites, but all are either too small for the purpose or are not capable of accommodating the number of people dehouseed.

The general condition of the individual houses has improved as far as the internal arrangements is concerned, but the property is old and rapidly wearing out; in spite of that it is necessary to keep them standing as long as possible owing to the present lack of accommodation for the inhabitants. A body of persons calling themselves the Westminster Survey Group published a pamphlet criticising the housing conditions of Southwark as the result of a report to them by two ladies who were engaged on local investigations for a considerable period. I reported on this criticism to the Housing Committee and include it in this report:—

To the Chairman and Members of the Housing Committee

Ladies and Gentlemen,

I beg herewith to submit my observations on the report by the Westminster Survey Group, which are as follows:—

This is an excellent and carefully compiled report on existing conditions in Southwark, but it is written from one standpoint only, and while the facts contained in it are all well known to those whose life and work brings them into contact with the poorer parts of the district, nothing new has been brought to light.

An equally instructive and interesting pamphlet could be written on the advances made in the type of property and well being of the people, the conditions under which they lived, the improvements effected and slums cleared away by successive Councils during the last fifty years, but this side of the question receives no consideration in the pamphlet issued for the Westminster Survey Group by the two ladies employed to make the report.

As far back as the year 1866, evidence was given by Dr. Iliffe, the then Medical Officer of Health of Newington, before the Select Committee of the House of Commons, in which he stated that "great difficulties were experienced in getting the houses into proper condition, on account of the smaller houses being occupied by several

families, where before, they were occupied by only one or two; and if I turn them out of those houses on account of their being overcrowded, I do not know where they can go, so that to some extent, I am often powerless to effect satisfactory improvements."

Conditions still remain the same as far as overcrowding is concerned, but it can be said with truth that in spite of this constant difficulty of overcrowding to contend with, great strides have been made in the comfort, habits and cleanliness of the district. Water carriage and sewerage systems have replaced old brick drains and cesspools, large areas have been cleared of slums, and although the property is fifty years older, it is, even if dilapidated, in a more sanitary condition than in years gone by, and in many instances the drains below ground are in better condition than the houses above them.

No mention is made in any part of the pamphlet that the tenants are often largely to blame where dirty and neglected conditions exist, and that rooms are often dilapidated by carelessness although the landlord has done them up quite recently.

Vermin and rats are frequently mentioned and are no doubt very prevalent, but no mention is made of the fact that the Council employ a special Official to assist the Inspectors in dealing with rats, and that they also spray rooms for other vermin. The Council also lend out sprays with vermicide for the tenants' own use when requested. By employing these means, a noticeable reduction has been effected in the last two years in the numbers of complaints concerning rats, mice, and bugs.

On the other hand, full credit is given to the work of the Sanitary Inspectors in their efforts to ameliorate existing conditions and follow up the improvements already effected, and the fact is alluded to more than once that under the Housing Act of 1925, there were discovered 10,000 houses which were, to quote the wording of the Act "*not in all respects fit for human habitation*" The criticism might in justice to Southwark go on to state that over 8,000 of these houses were made so before the end of that year, while considerable work was in hand on the remainder.

The whole trend of the report is to suggest that no progress is being made in Southwark, and this I strongly deny and refer those interested and who can take an unbiassed view of the question to the

facts in my last Annual Report which are evidence of the great amount of work done to improve both the personal and housing conditions of the people, or at the least to render the homes they live in sanitary until others can be built.

It is suggested that unless a certain course is taken "the alternative is to abandon the struggle for improvement altogether!"

Never! It may admittedly be a struggle, but at least it is one in which Southwark is holding its own and is actually, though slowly, gaining ground.

Southwark needs no outside criticism to spur on its Council and Officers to carry on their work, as their anxiety and desire to benefit their own inhabitants is quite as keen as that of outside bodies, while the three housing schemes already in hand show that considerable progress is being made.

In conclusion, the Westminster Report makes no suggestion that is helpful; there are no vacant sites available for building dwelling houses, all Southwark has been built over for many years.

To rebuild to house more people or even the same number of people, is not relieving the actual overcrowding as measured by the number of persons to the acre.

The whole situation may be summed up in the facts that there are too many people in Southwark and no room for expansion.

To rebuild, existing property would have to be demolished, but the new buildings would not accommodate any more than the persons displaced, if as many. The property would improve, but overcrowding would still exist.

Meanwhile, all efforts are being made to keep the existing property in as good sanitary repair as possible.

Yours faithfully,

HORACE WILSON,

Medical Officer of Health.

REPORT ON THE PROPERTIES ADJACENT TO LOCK SQUARE.

During the year I inspected these properties with a view to the possibilities of a Reconstruction Scheme under Section 37 (B) Part 2 of the Housing Act, 1925, or Part 3, Section 58 (Sub-Section A).

The properties mentioned have already been considered as a whole by the London County Council, having been represented by Dr. Millson in 1919.

In the event of smaller schemes being considered, I have investigated three possible sites and beg to report on them as follows :—

(a) The quadrangular area bounded by Browning Street, Lock Square (East side), Revesby Street and a line joining Revesby Street to the angle of Lock Square.

These houses are badly arranged, damp and dilapidated, particularly at the backs. This area also includes an empty Public House and several yards used for the storage of barrows, etc.

This area is suitable for consideration by the Borough Council under Part 3, but not large enough to warrant an improvement scheme under Part 2.

This area includes :—

Occupied houses	...	...	...	9
Number of families ..	...	...	...	18
Number of persons displaced	...	...	...	70

(b) The above, in conjunction with the adjacent site on the other side of Revesby Street is impracticable as the north end of Revesby Street would have to be closed ; also, the adjacent site has only one house on it, a comparatively modern Mission Hall and a factory, all of which would have to be acquired.

(c) A more promising scheme than (a) would be to acquire the site bounded by both sides of Lock Square, King and Queen Street, Beddome Street, part of Revesby Street and Browning Street.

This includes a large stable and a factory which would have to be acquired, and on the sites of which it might be possible to commence building operations to rehouse the persons displaced.

This scheme would include, houses 55, stable and factory, number of families, 83, persons displaced, 343.

Whilst considering the above schemes, it must be borne in mind that the outstanding features are the housing of the displaced persons and the fact that new buildings on these sites could only accommodate a corresponding number without overcrowding.

The only method of rehousing so many people would be by erecting tenement buildings of considerable height, thus giving more individual space to each family and better sanitary conditions.

46 and 47, REYESBY STREET.

During the year I reported that the above premises were in such a condition as to be dangerous and injurious to health, and should be dealt with by a Closing Order under Section 9 of the Housing Act, 1925.

The premises consist of two dilapidated cottages, the front walls of which are in a dangerous condition. The said walls will have to be taken down if the houses are not closed and even if re-built the houses would still be unfit, as the whole of the premises are in bad condition.

These cottages open off a small yard at right angles to the street. They have no yards and no back windows. They have one water tap in the forecourt and one outside water closet in common, which is in bad condition. There is one broken-down wash-house for both houses. The ground floor rooms are below the street level, causing dampness, and the roofs are defective and dangerous.

No. 47 has no passage, the front door and staircase both opening into the living room ; there are only two rooms in this cottage.

No. 46 has a small passage, otherwise it resembles No. 47. The condition of the front walls renders the flooring of the bedroom dangerous.

In the two rooms at No. 47 there are 10 persons, 5 under 10 and 5 over 10.

In the two rooms at No. 46 there are 3 persons, (all adults).

The London County Council have intimated their intention of pulling down the front walls, but have deferred this for the present so as to enable the whole premises to be dealt with.

The site is not suitable for rebuilding for occupation, it being of too small an area, but the houses are of such a type and in such condition that they should be closed.

On January 8th, 1930, the Council directed that Closing Orders be made for prohibiting the said premises from being used as dwelling houses for human habitation until, in the judgment of the Council, the same were rendered fit for the purpose.

TABLE 30.

**VISITS MADE UNDER THE PUBLIC HEALTH (MEAT)
REGULATIONS, 1924.**

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saint's District.	St. Michael's Ward	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total.
Stalls and Shops visited	155	42	289	363	83	43	80	43	122	74	23	1317

The following defects were discovered and five Intimation Notices were served in order to obtain the abatement of the nuisances complained of:—

Roof defective	...	...	...	3
Paving do.	...	...	...	6
Dirty rooms	...	...	...	59
Dustbin defective	...	...	...	1
Other insanitary conditions	...	...	...	25
				94

All the above mentioned nuisances were remedied.

SLAUGHTERHOUSES.

The various Slaughterhouses were periodically inspected during the year, and 327 oxen, 2,380 sheep and 16 pigs were slaughtered, under the supervision of Mr. Fisher and Mr. Duffield.

There are four licensed Slaughterhouses in the Borough. The following are the premises and the licensees:—

Situation of Premises.	Name of Licensee.
129, Hillingdon Street ...	Frederick George Jacques
70, Union Road ...	Sidney John Waghorn
244, Walworth Road ...	Messrs. Chalk & Cox, Ltd.
283-5, Walworth Road ...	William Charles Brady

115 inspections were made during the year. One nuisance was discovered.

Each Slaughterhouse was limewashed every three months during the year.

EXAMINATION

TABLE

Showing the quantity of Foodstuffs found unsound during the year 1929 by this table is in addition to

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
Apples	15 boxes, 4 barrels	T. C. Q. L. - 7 1 12	15 boxes, 4 barrels	T. C. Q. L. - 7 1 12
Bananas	23 bundles	- 11 0 0	23 bundles	- 11 0 0
Bacon	28 pieces	- 7 3 5	28 pieces	- 7 3 5
Brussel sprouts...	49 bags	- 8 3 0	49 bags	- 8 3 0
Butter beans	1 box	- 0 0 7	1 box	- - - 7
Beef	1 tray, 2 pieces...	- 1 0 19	1 tray, 2 pieces...	- 1 0 19
Beef, tinned	8 cases, 150 tins	1 1 1 25	8 cases, 150 tins	1 1 1 25
Blackcurrants	53 half sieves	- 8 2 12	53 half sieves	- 8 2 12
Beef cubes	8 cases	- 14 0 0	8 cases	- 14 0 0
Condensed milk...	20 cases, 146 tins	- 8 0 7	20 cases, 146 tins	- 8 0 7
Cod	2 boxes	- 1 1 0	2 boxes	- 1 1 0
Cherries	39 half sieves	- 12 3 10	39 half sieves	- 12 3 10
Cabbages	14 bags	- 9 3 16	14 bags	- 9 3 16
Carrots	209 bags	5 12 0 0	209 bags	5 12 0 0
Celery	48 bundles	- 8 0 0	48 bundles	- 8 0 0
Cheese	—	- - - 20	—	- - - 20
Cream	7 cases	- 3 0 3	7 cases	- 3 0 3
	Carried forward	11 15 1 24		11 15 1 24

OF FOOD.

31.

the several Inspectors throughout the Borough (The amount shown in the total shown in Table 32.)

Seized by Inspector.		Remarks.
Quantity.	Weight.	
—	T. C. Q. L. —	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	1 cwt. 13 lbs. were released for soap boiling and 6 lbs. were destroyed at the Council's Depot.
—	—	1 cwt. 1 qr. 4 lbs. were released for trade purposes, and the remainder was destroyed at Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	Do. do.
—	—	Destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
	Brought forward	T. C. Q. L. 11 15 1 24		T. C. Q. L. 11 15 1 24
Currants ..	1 box ...	- - - 8	1 box ...	- - - 8
Ducks ...	— ...	- 4 1 20		- 4 1 20
Eggs ...	— ...	- - - 10		- - - 10
Egg yolk ...	14 cases...	2 16 0 0	14 cases ...	2 16 0 0
Fruit, tinned ...	3 cases, 86 tins...	- 2 3 7	3 cases, 86 tins...	- 2 3 7
Grapes ...	3 crates, 4 barrels	- 2 2 0	3 crates, 4 barrels	- 2 2 0
Haddocks ...	1 box ...	- - 3 0	1 box ...	- - 3 0
Hams ...	1 tin and 4 hams	- - 2 16	1 tin and 4 hams	- - 2 16
Heads, pigs' ...	5543 heads ...	27 15 3 3	5543 heads ...	27 15 3 3
Hams, tinned ...	4 tins ...	- - 1 8	4 tins ...	- - 1 8
Jellied eels ...	12 bowls ...	- 1 2 0	12 bowls ...	- 1 2 0
Mutton ...	— ...	- - 1 6		- - 1 6
Melons ...	13 cases ...	- 13 0 0	13 cases ...	- 13 0 0
Margarine ...	2 packets ...	- - - 1	2 packets ...	- - - 1
Offal...	— ...	- 1 3 16		- 1 3 16
Onions ...	47 cases, 27 bags	3 11 2 0	47 cases, 27 bags	3 11 2 0
Oranges ...	6 cases ...	- 3 2 14	6 cases ...	- 3 2 14
Pears ...	67 baskets ...	2 2 0 20	67 baskets ...	2 2 0 20
Pickles ...	— ...	- - - 2	— ...	- - - 2
Plums ...	36 half sieves ...	- 6 2 12	36 half sieves ...	- 6 2 12
	Carried forward	49 19 1 27		49 19 1 27

Seized by Inspector.		Remarks.
Quantity	Weight.	
	T. C. Q. L.	
— ...	— ...	Destroyed at the Council's Depot.
— ...	— ...	Do. do.
— ...	— ...	Do. do.
— ...	— ...	Under "stop" at 102, Southwark Street.
— ...	— ...	Destroyed at the Council's Depot.
— ...	— ...	Do. do.
— ...	— ...	Destroyed on premises where found.
— ...	— ...	Do. do.
— ...	— ...	Released to Messrs. J. Knight, Silverton, for soap boiling.
— ...	— ...	Destroyed on premises where found.
— ...	— ...	Do. do.
— ...	— ...	Do. do.
— ...	— ...	1 qr. 8 lbs. was released to Messrs. J. Knight for soap boiling, and the remainder was destroyed at the Council's Depot.
— ...	— ...	Destroyed at the Council's Depot.
— ...	— ...	Do. do.
— ...	— ...	Do. do.
— ...	— ...	Destroyed on premises where found.
— ...	— ...	Destroyed at the Council's Depot.

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
	Brought forward	T. C. Q. L. 49 19 1 27		T. C. Q. L. 49 19 1 27
Pork ...	carcases and pieces	25 1 0 19	Carcases and pieces	25 1 0 19
Potatoes ...	69 barrels, 899 bags	43 3 1 12	69 barrels, 899 bags	43 3 1 12
Pastry ...	—	— — — 12	—	— — — 12
Quinces ...	16 boats...	— 3 0 0	16 boats	— 3 0 0
Rabbits ...	—	— — 1 0	—	— — 1 0
Savoys ...	92 bags	1 3 0 0	92 bags	1 3 0 0
Shallots ...	14 bags ...	— 4 0 0	14 bags	— 4 0 0
Salmon, tinned ...	1 case, 12 tins ...	— — 2 4	1 case, 12 tins ...	— — 2 4
Strawberries ...	3 tubs ...	— 1 1 14	3 tubs...	— 1 1 14
Skate ...	1 box ...	— — 2 14	1 box ...	— — 2 14
Sloes ...	12 half sieves ...	— 2 0 16	12 half sieves ...	— 2 0 16
Tomatoes ...	63 bundles, &c. ...	1 16 1 2	63 bundles, &c....	1 16 1 2
Teal ...	14 birds ...	— — — 14	14 birds	— — — 14
Vinegar ...	3½ gallons ...	— — 1 7	3½ galls ...	— — 1 7
Walnuts ...	29 bags ...	— 18 0 24	29 bags	— 18 0 24
	Total ...	122 13 3 25		122 13 3 25

Seized by Inspector.		Remarks.
Quantity.	Weight.	
	T. C. Q. L.	
—	—	25 tons, 3 qrs. 14 lbs. were released to Messrs. J. Knight for soap boiling, and 1 qr. 5 lbs. were destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Do. do.
—	—	Destroyed on premises where found.
—	—	Destroyed at the Council's Depot.

TABLE

Table showing the quantity of Foodstuffs examined at the wharves and the method of disposal

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
			T. C. Q. L.	T. C. Q. L.		
Asparagus, tinned	691 cases	...	14 13 0 20	— 2 2 8		
Apricots, tinned	1,140 cases	...	30 13 1 18	5 1 3 24		
Apples, tinned	830 cases	...	13 15 0 26	—		
Apples, dried	76 cases, 30 bags	...	2 1 1 20	—		
Apricot pulp	30 cases, 94 tins	...	1 18 2 22	— 2 1 23		
Apricots, dried	155 boxes	...	2 10 2 20	—		
Apricots	2,129 crates	...	22 16 0 8	— 6 0 20		
Apples	85 boxes	...	1 12 1 8	—		
Beef	Bags, pieces, &c.	...	362 11 2 5	4 0 2 0		
Beef, tinned	2,511 cases, 8,182 tins	...	83 15 2 22	8 1 2 2		
Bacon	1,552 bales, 37 boxes, &c.	...	200 13 0 0	—		
Butter	257 boxes, 126 barrels	...	12 14 2 0	—		
Beef, salted	46 barrels	...	4 3 0 24	—		
Blackcurrant pulp	255 cases	...	6 12 2 12	—		
Beans, tinned	115 cases	...	2 9 1 24	—		
Blackcurrants	219 billots	...	2 6 2 12	— 3 3 0		
Condensed milk	4,358 cases	...	65 9 2 7	24 1 3 20		
Cherries, tinned	465 cases	...	12 1 1 16	— 8 2 8		
Crab, tinned	501 cases	...	10 14 0 26	—		
Currants	189 boxes	...	2 12 0 8	—		
Cheese	185 crates, 259 boxes	...	13 5 0 21	— 5 2 21		
Cherries	812 billots	...	8 13 1 20	— 2 0 0		
Cranberries	124 baskets	...	6 4 0 0	6 4 0 0		
Crayfish	20 cases	...	— 8 2 18	—		
Casings, sheep	21 casks	...	2 2 0 0	—		
Casings, Ox	54 casks	...	10 16 0 0	—		
Ducks	1,185 boxes	...	21 19 3 11	—		
Dates	2,157 boxes	...	39 2 1 12	—		
Carried forward	...	...	958 16 1 16	49 1 0 14		

32.

during the year 1929, the quantity found to be unsound, the notices served of the unsound portion.

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De- tention.	(b) Release	
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	7	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	—	—	Destroyed on premises where found.
—	—	—	—	—
Yes	—	6	2	3 tons 6 cwt. 1 qr. 17 lbs. were released for technical purposes and 14 cwt. 11 lbs. were released for soap boiling.
Yes	—	10	1	1 ton 14 cwt 3 qrs. 9 lbs. were released for fat melting, 1 ton 6 cwt. 2 qrs. 14 lbs. for soap boiling, 6 cwt. 1 qrs. 20 lbs. for animal food, and the remainder was destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	—	—	Destroyed on premises where found.
Yes	—	12	1	18 tons 10 cwt. were released for cattle and pig feeding, the remainder was destroyed at the Council's Depot.
Yes	—	3	—	Destroyed on premises where found.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on premises where found.
Yes	—	1	—	Destroyed at wharf.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	2	—
		41	6	

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
	Brought forward...	T. C. Q. L. 958 16 1 16	T. C. Q. L. 49 1 0 14			
Eggs ...	1,198 cases	34 15 2 24	2 10 - 2			
Egg liquid ...	42 cases, 377 tins	7 0 0 2	—			
Egg liquid ...	24 barrels	6 0 0 0	—			
Fowls ...	4,538 boxes	90 7 2 2	- 3 1 20			
Figs ...	90 bags	1 2 1 0	—			
Fruit, tinned ...	266 cases	5 7 1 0	- 15 3 24			
Grape Fruit, tinned ...	200 cases	5 7 1 8	—			
Geese ...	36 cases	- 18 0 0	—			
Gooseberries, tinned ...	32 cases	- 17 0 16	—			
Greengages... ..	25 billots	- 6 1 5	- 6 1 5			
Game ...	5 cases	- 10 0 0	—			
Hams ...	348 boxes	75 8 3 12	—			
Heads, Ox ...	100 bags	2 10 0 0	—			
Herrings, tinned ...	229 cases	4 17 1 24	—			
Honey ...	15 tins	- 4 0 2	—			
Hams, tinned ...	110 cases, 72 tins	3 1 2 22	- 2 2 8			
Hares ...	59 crates	1 12 3 8	—			
Lard ...	697 boxes	17 8 2 0	—			
Lobster, tinned ...	55 cases	1 4 1 6	—			
Loganberries, tinned ...	571 cases	15 2 2 24	- - 3 12			
Lettuce ...	1 crate	- - - 12	- - - 12			
Mutton ...	Carcases, Quarters, Pieces, &c.	15903 18 1 0	261 7 0 24			
Mutton, tinned ...	48 cases	1 10 3 12	—			
Nuts ...	6 bags	- 6 0 0	—			
Offal ...	—	135 2 1 16	6 14 2 0			
Onions ...	361 bags	19 11 0 0	14 15 0 0			
Pears, tinned ...	883 cases	23 10 0 16	1 2 1 24			
Pineapple, tinned ...	1,139 cases	29 19 1 4	1 9 1 24			
Peaches, tinned ...	1,091 cases	29 17 2 2	3 1 1 20			
Prunes ...	374 cases	5 11 3 0	—			
Peaches, dried ...	118 boxes	1 19 0 24	—			
Plums, tinned ...	526 cases	17 5 1 12	—			
Pork and Beans, tinned ..	265 cases	5 0 3 20	—			
Pork ...	618 carcasses, &c. ..	27 16 0 16	- - 2 8			
Potatoes ...	36 bags	1 16 0 0	—			
Plums ...	500 crates	5 7 0 6	- 2 3 0			
Pears ...	155 baskets	1 7 2 20	1 7 2 20			
Pheasants ...	2 cases	- 8 0 0	—			
Partridges ...	3 cases	- 12 0 0	—			
	Carried forward...	17443 17 3 23	343 1 1 21			

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De- tention.	(b) Release.	
		41	6	
Yes	—	1	1	Destroyed on premises.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Released to Smithfield Animal Products for soap boiling.
—	—	—	—	—
Yes	—	—	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	—	—	Destroyed on premises where found.
—	—	—	—	—
—	—	—	—	—
Yes	—	2	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	—	—	Destroyed on premises where found.
Yes	—	298	294	261 tons 7 cwt. 24 lbs. were released to various firms for technical purposes.
—	—	—	—	—
Yes	—	7	2	6 tons 14 cwt. 2 qrs. were released to various firms for soap boiling and technical purposes.
Yes	—	3	—	Destroyed at the Council's Depot.
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	4	—	Destroyed at the Council's Depot.
Yes	—	7	1	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Released for soap boiling.
—	—	—	—	—
Yes	—	—	—	Destroyed on premises where found.
Yes	—	—	—	Destroyed on premises where found.
—	—	—	—	—
—	—	—	—	Examined for export.
		367	304	

Foodstuffs.	Quantity and Weight examined.				Weight found to be unsound.				
	Quantity.	Weight.							
	Brought forward...	T. 17443	C. 17	Q. 3	L. 23	T. 343	C. 1	Q. 1	L. 21
Peas, tinned	66 cases	1	5	2	26	—	—	—	—
Russian Game	330 boxes	4	8	3	20	—	—	—	—
Rabbits	1,679 crates	43	13	0	10	1	7	3	16
Raisins	226 boxes	3	1	2	0	—	—	—	—
Raspberries, tinned	399 cases	10	15	0	20	—	—	—	—
Raspberry pulp	159 cases	4	5	0	20	—	—	—	—
Rice, ground	50 bags	4	7	0	0	—	—	—	—
Salmon, tinned	2,369 cases	53	6	3	14	2	5	0	0
Sardines, tinned	207 cases	4	11	2	22	—	—	—	—
Sultanas	218 boxes	2	7	2	0	—	1	0	0
Soup, tinned	78 cases	1	6	1	12	—	11	3	4
Strawberries	165 casks	33	0	0	0	—	—	—	—
Turkeys	370 cases	13	12	0	16	—	—	—	—
Tongues, tinned	912 cases	30	4	2	26	4	11	2	16
Tallow	179 casks	30	16	0	0	—	—	—	—
Tongues, ox	488 bags, 76 cases	18	14	1	2	1	4	3	4
Tomato puree	177 cases	7	14	2	10	1	1	0	16
Tongues, Pigs	25 casks	2	9	1	4	1	19	1	4
Tomatoes, tinned	216 cases	4	8	3	20	—	3	3	20
Tongues, Sheep	36 bags	—	18	0	0	—	—	—	—
Veal	38 carcasses	3	9	2	16	—	—	—	—
Walnuts	35 boxes	—	17	2	0	—	12	0	0
Total		17723	12	0	9	356	19	3	17

CASEOUS

A large number of imported carcasses of mutton are still found to be food, and we have to order their destruction.

This disease was at one time considered allied to tuberculosis, resembling tubercle bacilli are found in the lesions, but is due to some renders them unfit for human consumption.

Australian and New Zealand mutton is much freer from the disease large and the loss considerable.

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De- tention.	(b) Release	
—	—	367	304	—
—	—	—	—	—
Yes	—	1	1	Released for soap boiling.
—	—	—	—	—
—	—	—	—	—
—	—	2	2	—
Yes	—	8	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	1	—	Destroyed on premises where found.
Yes	—	2	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	—	1	Under "stop" during 1928. Now released for technical purposes.
Yes	—	—	—	—
Yes	—	3	—	Destroyed at the Council's Depot.
Yes	—	1	1	Released for soap boiling.
Yes	—	1	1	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Released to Rotterdam for cattle feeding.
		388	310	

LYMPHADENITIS.

infected with the above disease, which renders these carcasses unfit for

but tuberculosis does not occur in sheep, and no bacilli of a nature other organism which causes a general infection of the carcasses and

than that imported from South America, but the total number has been

TABLE 33.

Inspections of Food at Wharves, Markets, and other places where food is stored, and the action taken by the officials during the year 1929.

INSPECTION OF WHARVES, &c.					FOOD EXAMINED, &c.						
WARD OR DISTRICT.	Inspections of Wharves and Ware- houses.	Inspec- tions of Markets.	Inspec- tions of Shops or Street Stalls.	Total.	Parcels of Food Examined.	Parcels of Food Stopped.	Parcels of Food Released.	Parcels of Food des- troyed by consent of owner.	Parcels of food seized by Inspector.	Parcels of food con- demned by Mag- istrate.	Summonses taken out.
St. Mary's ...	—	487	68	555	619	—	—	3	—	—	—
St. Paul's ..	5	—	18	23	37	—	—	1	—	—	—
St. Peter's ...	—	2101	144	2245	2396	—	—	8	—	—	—
St. John's ...	—	883	4	887	885	—	—	4	—	—	—
Trinity ...	4	14	56	74	128	—	—	18	—	—	—
All Saints'	—	—	—	—	—	—	—	—	—	—	—
St. Michael's ...	15	395	8	418	430	—	—	5	—	—	—
St. Jude's ...	—	87	3	90	84	—	—	—	—	—	—
St. George's ...	—	320	5	325	326	—	—	2	—	—	—
Christchurch ...	896	18	1	915	1465	—	1	62	—	—	—
St. Saviour's ...	544	1	1	546	1042	—	—	172	—	—	—
By M.O.H. ...	—	—	—	—	—	—	—	—	—	—	—
Brought to Town Hall...	—	—	7	7	7	—	—	7	—	—	—
TOTAL ..	1464	4306	315	6085	7419	—	1	282	—	—	—

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

At the end of the year 1928 the number of milksellers on the Registers were as follows :—

Retail	...	364 names	...	355 premises
Wholesale	...	37 „	...	37 „

During the year 1929, 52 applications respecting 52 premises were received for registration as Retail Milksellers.

Two applications respecting two premises were received for registration as Wholesale Milksellers.

These were entered in the respective Registers.

RETAIL REGISTER.

Entered in Register.		Removal from Register		Not Registered. (Unsuitable, &c.)		Total Applications.	
Names.	Premises.	Names.	Premises.	Names.	Premises.	Names.	Premises
52	52	49	47	—	—	52	52

The sale of milk was started afresh at ... 18 premises

The sale of milk was discontinued at ... 13 „

Total number of Milksellers on Retail Register at end of 1929 ... 367

Total number of Milksellers' premises „ „ ... 360

WHOLESALE REGISTER.

Entered in Register.		Removal from Register		Not Registered. (Unsuitable, &c.)		Total Applications.	
Names.	Premises.	Names.	Premises.	Names.	Premises.	Names.	Premises
2	2	4	4	—	—	2	2

The sale of milk by wholesale was discontinued during
1929 at... 2 premises

Total number of Wholesale Milk sellers on Register at
end of 1929... 35

Total number of Wholesale Premises „ ... 35

Of the 360 Retail Milk sellers premises, 295 are dairies, 53 where milk is sold in containers as received, and 12 where milk is sold for consumption on the premises only.

There are two premises licensed to bottle “Grade A (Tuberculin Tested)” milk and at these premises four samples of “Grade A (Tuberculin Tested)” milk were procured and submitted to the Public Analyst for Bacteriological Examination. These were certified to comply with the requirements of the Order.

Total number of Licences to sell graded Milk	...	41
viz.:—Certified	... 6 premises.	
Grade A (TT)	... 15 „	
Grade A	... 4 „	
Pasteurised	... 14 „	
Supplementary	... 2 „ (Certified & Grade A (TT)).	

LICENCES TO SELL “GRADED” MILK.

During the year 41 applications to sell “graded” milk were received from various firms, as under:—

- (1) Three applications from The Express Dairy Company, Ltd., of 26, Tavistock Place, W.C.1, to sell (a) “Certified” (b) Pasteurised. and (c) “Grade A (Tuberculin Tested)” milk at or from

No. 12, St. George’s Road, Southwark.

- (2) Twenty-three applications from the United Dairies (London), Ltd., to sell (a) “Grade A,” (b) “Certified,” (c) “Grade A (Tuberculin Tested)” milk at or from each of their premises:

No. 62, Borough High St.	No. 64, Camberwell Road,
„ 1/3, New Street.	Worcester Stret,

and (d) to sell “Pasteurised” milk at or from each of their premises:

No. 68, St. George’s Road.	
„ 62, Borough High St.	No. 207, Newington Butts.
„ 64, Camberwell Road.	„ 91, Southwark Bridge Rd

No. 262, East Street.

No. 18, Villa Street.

„ 1/3, New Street.

„ 38, Westmoreland Road.

„ 171, New Kent Road.

„ Worcester street.

- (3) Three applications from Messrs. E. Ash and Son, of 41 and 41A, Alvey Street, Walworth, to sell (a) "Pasteurised," (b) "Certified," and (c) to bottle and sell "Grade A (Tuberculin Tested)" milk at or from their premises :

No. 41, Alvey Street, Walworth.

- (4) One application from Mr. D. C. Griffiths, of 25, Deacon Street, Walworth, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 25, Deacon Street, Walworth.

- (5) One application from Mr. H. Jones, of 21, Globe Street, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 21, Globe Street.

- (6) One application from Mr. John Jones, of 3, Old Kent Road, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 3, Old Kent Road.

- (7) One application from Mr. Daniel Jones, of 224, Southwark Bridge Road, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 224, Southwark Bridge Road.

- (8) One application from Mr. J. R. Lewis, of 150, Blackfriars Road, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 150, Blackfriars Road.

- (9) One application from Mr. Evan Jones, of 120, Trafalgar Street, Walworth, to sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 120, Trafalgar Street, Walworth.

- (10) One application from Mr. G. O. Wynne, of 16, Pilgrimage Street to bottle and sell "Grade A (Tuberculin Tested)" milk at or from his premises :

No. 16, Pilgrimage Street.

(11) Two applications from Mr. J. J. Rowling, of 52A, Walnut Tree Walk, Lambeth, for supplementary licences to sell (a) "Certified" and (b) "Grade A (Tuberculin Tested)" milk from his vehicles in the Borough of Southwark.

(12) One application from Mr. G. B. Thomas, of 103, Villa Street, to sell "Grade A (Tuberculin Tested)" milk at or from his premises:

103, Villa Street.

(13) One application from Mr. J. W. Oliver, of 38, Penton Place, to sell "Grade A (Tuberculin Tested)" milk at or from his premises:

38, Penton Place.

Inquiries were duly made, and it was ascertained that the Producers who supplied the milk in question were holders of the necessary corresponding licences.

The 41 licences applied for were accordingly issued by the Council.

MILKSELLERS.

1,876 inspections of the various milkshops, dairies, &c., were made. The following nuisances were discovered, in respect to which 7 intimation notices were served:—

Dirty condition of walls...	...	...	6 cases
Dirty condition of ceilings	...	...	6 cases
Dairy opening into sleeping room	...	...	1 case
Total	...	...	<u>13 cases</u>

In addition to the above, cleansing generally was carried out as required.

NOXIOUS TRADES.

There are four premises in the Borough upon which noxious businesses or trades are carried on.

The following are the premises :—

Situation of Premises.	Description of Business.	Name of Occupiers.
24 & 25, Gt. Suffolk St...	Tripe boilers ...	J. Martin
5, Hatfield Street ...	Fat melters ...	J. Ewen & Son
Harrow Street ...	Skin Dressers ...	Messrs. Leeding & Co.
Wansey Street Works ...	Soap Boilers ...	J. Lewman.

Seventeen inspections of these premises were made during the year, and one intimation notice was served on J. Lewman to abate the following nuisances:—

Urinal wastes, stopped ...	...	2
Water closets dirty ...	...	3
„ (defective seats) ...	...	2
Total ...	...	7

The periodical process of limewashing and cleansing was duly carried out.

COWSHEDS.

No cows are being kept in the Borough at the present time.

BAKEHOUSES.

During the year 432 inspections were made of the various bake-houses and factories.

The following defects were discovered and 26 intimation notices were served in order to obtain the abatement of the nuisances complained of:—

Dirty ceilings ...	...	25 cases
Dirty walls ...	...	26 cases
Dirty floors ...	...	10 cases
Food or flour store dirty ...	...	18 cases
Dirty dressing room ...	...	5 cases
Defective walls ...	...	2 cases
Defective floors ...	...	2 cases
Dirty utensils ...	...	3 cases
Defective ceilings ...	...	2 cases
Dog in bakehouse ...	...	1 case
Other insanitary conditions ...	...	9 cases
Total ...	...	103 cases

All the above-mentioned nuisances were remedied.

Each bakehouse was limewashed or the walls washed as required.

PARTICULARS OF BAKEHOUSES, (FACTORIES AND WORKSHOPS).

Position.	Good.	Fair.	Not satisfactory.	Not in use.	Totals.
Above ground ...	17	30	1	17	65
Underground ...	20	7	1	9	37
Total .	37	37	2	26	102

One Bakehouse (above ground) was demolished during the year.

One Bakehouse (under ground)

BUTTER AND MARGARINE FACTORIES, &c.

7 inspections of the Butter Factories were made, and no nuisances were discovered.

The cleansing was carried out as required.

6 samples of Butter were procured and submitted to the Public Analyst for analysis, who certified them as genuine.

TOTAL INSPECTIONS DURING 1929.

Premises.	No. of Inspections.	Notices.	
		Intimation.	Statutory.
Milkshops ...	1876	7	—
Bakehouses ...	432	26	—
Tripe Boilers ...	4	—	—
Fat Melters ...	4	—	—
Butter Factories...	7	—	—
Skin Dresser ...	4	—	—
Soap Boilers ...	5	1	—
Total ...	2332	34	—

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS 1923-7.

6 samples of Condensed Milk were purchased under the above Regulations, and submitted to the Public Analyst for analysis. They were certified as being genuine.

PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923.

Dried milk does not appear to be on sale at the various shops in the Borough.

ARTIFICIAL CREAM ACT 1929.

Artificial Cream has not up till the end of the year been on sale in the Borough.

SALE OF FOOD AND DRUGS ACTS.

During the year ending December 28th, 1,411 "official" samples were taken by the Inspector.

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

TABLE 34.

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

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total.
Number of samples taken	161	128	142	155	158	114	160	90	141	68	94	1411

21 of these samples were certified as adulterated, a percentage of 1.5. as compared with 2.0 in 1928.

Particulars of the samples taken together with the results of the analyses are given in table 36.

POLICE COURT PROCEEDINGS TAKEN UNDER THE FOOD AND DRUGS ACTS.

9 summonses were taken out during the year 1929. The following table shows the number of summonses in each ward:—

TABLE 35.

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

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total.
Number of Summonses taken out	1	—	1	—	—	1	4	1	—	—	1	9

The proceedings taken before the Magistrates resulted as follows:—

	Summonses.
Convictions obtained on ...	4
Dismissed on payment of costs . .	5
	—
Total ...	9

FOOD AND DRUGS ACTS.

TABLE 36.

Return of Official Samples for the Year ending 28th December, 1929, showing the number taken, and the percentage of adulterated Samples for the year.

Article.	Number of Samples taken.	Adulterated.
Milk	474	15
Lime Water	2	1
Tea	2	...
Tea Dust... ..	3	...
Coffee	15	...
Alum	1	...
Lemoline... ..	1	...
Cocoa	25	...
Sugar	63	...
Butter	114	2
Margarine	119	...
Dripping	25	1
Lard	80	...
Cooking Fat	2	...
Beef Suet and Flour... ..	4	...
Cake	16	...
Cheese	16	...
Self-raising Flour	41	...
Pea Soup Flour	11	...
Pea Flour	6	...
Cornflour	21	...
Bun Flour	1	...
Rice	34	...
Tapioca	19	...
Oatmeal	2	...
Beafis	1	...
Sago	3	...
Pearl Barley	22	...
Arrowroot	5	...
Gra-Vee	1	...
Crushed Linseed	9	...
Lunch Tongue	2	...
Malt Vinegar	1	1
Desiccated Cocoanut	2	...
Veal and Ham Pie	2	...
Sherbet	1	...
Borax	1	...
Sulphate of Quinine	1	...
Carried forward	1148	20

Percentage of adulterated samples for the year—1·5.

Article.					Number of Samples taken.	Adulte- rated.
Brought forward	...	...	...	...	1148	20
Zinc Ointment	...	...	...	...	1	...
Table Jelly	...	...	...	...	25	...
Gregory Powder	...	...	...	...	1	...
Custard Powder	...	...	...	...	13	...
Blanc-Mange	...	...	...	...	8	...
Lemonade Powder	...	...	...	...	3	...
Curry Powder	...	...	...	...	5	...
Ox Tail Soup	...	...	...	...	7	...
Chicken and Ham Roll	...	...	...	...	2	...
Whisky	...	...	...	...	6	...
Gin	...	...	...	...	2	...
Rum	...	...	...	...	2	...
Brandy	...	...	...	...	2	...
Thick Gravy	...	...	...	...	9	...
Bisto	...	...	...	...	12	...
Mustard	...	...	...	...	17	...
Salt	...	...	...	...	18	...
Pepper	...	...	...	...	1	1
Jam Sandwich	...	...	...	...	12	...
Sweets	...	...	...	...	6	...
Corned Beef	...	...	...	...	1	...
Brawn	...	...	...	...	3	...
Fish Paste	...	...	...	...	11	...
Sausages	...	...	...	...	15	...
Bicarbonate of Soda	...	...	...	...	2	...
Boracic Powder	...	...	...	...	2	...
Figs	...	...	...	...	4	...
Prunes	...	...	...	...	9	...
Eucalyptus Oil	...	...	...	...	1	...
Liquorice Powder	...	...	...	...	2	...
Citrate of Magnesia	...	...	...	...	1	...
Liquid Paraffin	...	...	...	...	1	...
Gravy Salt	...	...	...	...	7	...
Sponge Cake	...	...	...	...	8	...
Cakeoma	...	...	...	...	1	...
Desiccated Soup	...	...	...	...	1	...
Raisins	...	...	...	...	14	...
Sultanas	...	...	...	...	12	...
Fruit Salad	...	...	...	...	1	...
Candied Peel	...	...	...	...	1	...
Glycerine	...	...	...	...	1	...
Condensed Milk, Sweetened (Machine Skimmed)	...	...	...	...	6	...
Apricots	...	...	...	...	1	...
Mixed Fruits	...	...	...	...	3	...
Currants	...	...	...	...	3	...
Total	...	...	...	...	1411	21

INFORMAL SAMPLES.

In addition to the samples taken under the Food and Drugs Acts as shown in (Table 36), 588 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 37.

Article.	No. of samples purchased by Agents.	Result of Analysis.		Percentage of adulterated samples.
		Genuine.	Adulterated.	
Butter	301	293	8	2·7
Milk	106	105	1	0·9
Vinegar and Malt Vinegar	31	27	4	12·9
Lard	21	21	—	—
Brawn	7	7	—	—
White Pepper ...	53	50	3	5·7
Pickles	3	3	—	—
Coffee	18	18	—	—
Crushed Linseed ...	15	15	—	—
Ground Ginger ...	20	18	2	10·0
Pepper Compound ...	1	1	—	—
Compound Mustard ...	1	1	—	—
Jam	9	9	—	—
Cream	1	1	—	—
Honey	1	1	—	—
Total	588	570	18	3. 1.

TABLE 38.

SALE OF FOOD AND DRUGS AND OTHER ACTS.

PROCEEDINGS TAKEN, WITH THE RESULTS.

Name and Address of Vendor.	Sample and Number.	Result of Analysis.	Result of Proceedings.
Frances Bastard, 56, Peacock street, S.E.	Milk 920	17 per cent. deficient in Milk Fat	Fined 10s. and £1/1/0 costs
Sidney Goodwin, 25, Friar street, S.E.	Milk 1049	22 do do do	Fined 10s. and £3/3/0 costs
Catherine Davis, 317, East street, S.E.	Milk 1121	27 do do do	Fined 10s. and £1 costs
J. Gunn & Co., Ltd., 329, Walworth road, S.E.	White Pepper 1281	30 per cent. Ground Rice	Fined £4 and £1/1/0 costs
Jennie Morgan, 16, Gerridge street, S.E.	Milk 1321	9 per cent. added water.	Dismissed on payment of £2/2/0 costs
Joseph Price, 38, Westminster bridge road, S.E.	Milk 1322	9 do do	Dismissed on payment of £2/2/0 costs
Albert Maloney, 37, Marshall street, S.E.	Milk 222	10 per cent. abstraction of Milk Fat and 2 per cent. added water	Dismissed with a caution on payment of £1/1/0 costs
Frederick J. Davis, 66, Borough road, S.E.	Milk 535	5 per cent. added water.	Dismissed on payment of £1/1/0 costs
John H. Spooner, 22 & 16, Canvey st., S.E.	Milk 557	6.5 do do	Dismissed on payment of £1/1/0 costs

INFECTIOUS DISEASES.

All homes are visited by a Sanitary Inspector and an Enquiry Officer, who enquires in to the possible sources of infection, arranges for admission to Hospital, and deals with schools and contacts. He also arranges for the rooms to be closed and disinfected and for the admission of contacts to the Reception House if necessary.

SMALL POX.

There were 153 cases notified during 1929 as against 19 in 1928. Many of these cases arose from one source, a case of a schoolboy who was thought to have suffered from Chicken Pox and spread the disease among his schoolfellows before the true nature of his illness was detected. Other cases were imported from other districts where the disease has been very prevalent.

The disease has been of a mild type and no deaths have occurred, but in some cases the patients will carry permanent marks, especially those who have not been vaccinated.

SMALL POX CONTACTS.

The payment of compensation to contacts who are compelled to stay away from work has received the consideration of the Ministry of Health, and where such abstention is at the instance of the Sanitary Authority, the position is as follows :—

In cases of Small Pox, the contacts are not isolated in quarantine for any length of time, but only sufficiently long, generally one day, for disinfection of their clothes and effects, and vaccination if they agree to this being done. This is in accordance with the procedure adopted by the Ministry of Health. They are, however, kept under observation at their work and at their homes for sixteen days, the period during which Small Pox might develop.

The only exceptions are where special circumstances exist, as in Common Lodging Houses and Laundries ; in which cases, should the contacts have to give up work, the Ministry are prepared to sanction reasonable expenditure (Memorandum 71 A).

There is, however, no legal authority for payment of compensation if the Ministry do not consider such necessary for the protection of the Public Health, (Circular 698). Should, however, the employers of that

contact refuse to have him back, even though the Sanitary Authority is willing to allow him to return, there is no fund from which compensation can be paid in so far as a Borough Council is concerned, and such a claim would not be allowed by the Ministry of Health.

Inquiry has been made at the Ministry of Labour Employment Exchange on the subject of a man's eligibility for Unemployment Benefit in such circumstances. It is understood that a claim made by a contact would, in the special circumstances, be submitted to the Chief Insurance Officer of the Ministry of Labour for decision, but it is doubtful whether the claim would be allowed unless he can prove he is available for, and seeking, work.

SCARLET FEVER.

This disease was not so prevalent as in the year previous, and was very mild in type. Three deaths occurred during the year.

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

				Notified.	Deaths.
1925	...	...	...	741	8
1926	...	...	...	519	3
1927	...	...	...	540	1
1928	...	...	...	673	3
1929	...	...	...	662	3

DIPHTHERIA.

A diminution in the number of cases notified occurred, but this was unfortunately accompanied by a rise in the number of deaths, which amounted to 22 as opposed to 13 in the previous year.

The application of the Schick Test and immunisation of susceptible cases was commenced during the year, a report of which is appended.

Antitoxin is supplied free of charge, and 31 Phials of 4,000 units have been supplied to Medical Practitioners in the Borough during the year.

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

				Notified.	Deaths.
1925	...	...	...	905	31
1926	...	...	...	945	32
1927	...	...	...	774	21
1928	...	...	...	668	13
1929	...	...	...	603	22

TABLE SHOWING THE NUMBER OF ATTENDANCES AT THE SCHICK CLINIC

During the 9 Months ending December 28th, 1929.

A

SCHICK TEST. NEW CASES.

Number Tested.				Protection Inoculation given without Test.		
Children, 0-5	...	23		Children, 0-5	...	20
Children, 5-14	...	142		Children, 5-14	...	0
Adults	...	9		Adults	...	0

OLD CASES (READING OF SCHICK TEST).

Immune.				Susceptible.		
Children, 0-5	...	4		Children, 0-5	...	19
Children, 5-14	...	60		Children, 5-14	...	76
Adults	...	2		Adults	...	7

Miscellaneous Readings.

Children, 0-5	...	0
Children, 5-14	...	6
Adults	...	0

B

Protective Inoculations given to old Cases.				Cases.	Inoculations.
Children, 0-5	...	...	39		35 had 3, 2 had 2, 2 had 1
Children, 5-14	...	...	76		72 had 3, 2 had 2, 2 had 1
Adults	...	...	7		2 had 3, 2 had 4, 2 had 1
					1 refused.

C

Number Re-Tested after 3 months.			Found Immune.		
Children, 0-5	...	18	Children, 0-5	...	18
Children, 5-14	...	50	Children, 5-14	...	46
Adults	...	2	Adults	...	2

Found Susceptible.			Miscellaneous Readings.		
Adults	...	0	Children, 0-5	...	0
Children, 5-14	...	3*	Children, 5-14	...	1
Children, 0-5	...	0	Adults	...	0

* Re Inoculations after 3 months (still susceptible), 3.

Total Attendances.		
Children, 0-5	...	178
Children, 5-14,	...	544
Adults	...	29

F. PORTER SMITH,

Medical Officer conducting Session.

ENTERIC FEVER.

Five cases were notified during the year, one of which died. There was also a case of Paratyphoid notified, but this was afterwards certified as Empyema, from which the patient died.

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

	Notified.			Deaths.	
1925	6	—
1926	10	3
1927	10	1
1928	2	1
1929	5	1

MEASLES.

As regards Measles, there was a great diminution both in case, incidence, virulence and mortality.

The mortality from Measles was only 16, this being lower than it has been for some years, while the number of cases notified decreased by over 800.

All cases are visited by a Health Visitor who gives advice and instruction, and if necessary, visits them subsequently, but no definite nursing of Measles is undertaken by the Borough Council. The much better plan is for the children themselves to have proper hospital accommodation and skilled attention.

The number of cases notified during the year was 1,598. Of these, 728 were under five years of age, and 234 cases were removed to hospital.

The number of deaths from Measles during the last five years were as follows:—

					Deaths.
1925	...	...	...	...	28
1926	...	...	...	...	51
1927	...	...	...	...	27
1928	...	...	...	...	72
1929	...	...	...	...	16

THE CONTROL OF MEASLES.

Southwark is one of the Boroughs in which Measles is a compulsory notifiable disease, hence early knowledge of cases occurring is available and it is thus possible to have these cases visited by our Health Visitors on the earliest opportunity, and advice given to prevent serious complications. These cases are visited oftener if necessary.

In times of emergency the Borough Council has also employed temporary Health Visitors as Nurses; this was done in 1921-1922, when a serious epidemic was in progress. During the Measles epidemic 1927-1928, the Ministry of Health decided to admit serious cases of Measles to hospital in preference to Scarlet Fever, and this action is of more far reaching importance than home nursing, as continuous observation in hospital is better than spasmodic efforts in the patients' homes, because the hospitals possess every facility for successful treatment.

We now, on receiving information that a case is showing dangerous symptoms, arrange for its transference to hospital at once.

During the epidemic of 1927-1928, 416 cases were removed to hospital.

This Borough is thus well to the fore in dealing with this disease both in having compulsory notification, and the visiting of cases by the Health Visitors. The suggestion of employing additional Health Visitors has been anticipated in times of urgency, and full use is made of the recently granted hospital facilities. The suggestion of employing special whole-time Health Visitors is therefore an unnecessary procedure at present, as Measles during the current year has been normal. Should, however, an epidemic occur with which our present organisation is unable to cope, or should the hospitals become so congested as not to have accommodation for all our bad cases, then the question would be brought before the Committee for their consideration and action if they so desired.

DIARRHŒA.

There was a slight increase in these cases, 41 cases of death being recorded as against 31 in the previous year, 36 of which were in infants under two years of age.

In Southwark, Summer Diarrhœa is notifiable during the months of July, August and September, and in these three months, only 7 cases were notified. Six of these notified cases were sent to hospital.

Deaths from Diarrhœa during the last 5 years :—

					Deaths.
1925	...	...	...	...	58
1926	...	...	...	...	61
1927	...	...	...	...	36
1928	...	...	...	...	31
1929	...	...	...	...	41

WHOOPIING COUGH.

Whooping Cough also was responsible for more deaths than usual, 49 dying of this complaint

The number of fatal cases during the last 5 years were as follows :—

					Deaths.
1925	...	...	...	...	51
1926	...	...	...	...	5
1927	...	...	...	...	30
1928	...	...	...	...	26
1929	...	...	...	...	49

INFLUENZA.

The death roll from this disease was 135, the highest number for many years.

The deaths from Influenza during the last 5 years :—

					Deaths.
1925	...	...	...	...	25
1926	...	...	...	...	24
1927	...	...	...	...	43
1928	...	...	...	...	29
1929	...	...	...	...	135

OPHTHALMIA NEONATORUM.

28 cases occurred, as against 25 in 1928. No cases of blindness occurred as a result.

An analysis of the cases will be found hereunder.

Notified.	Cases treated.		Vision unimpaired.	Vision impaired.	Total Blindness.	Deaths.
	At home.	Hospital.				
28	6	22	—	—	—	—

CEREBRO-SPINAL FEVER, ENCEPHALITIS LETHARGICA AND POLIO MYELITIS.

11 cases of Cerebro-Spinal Fever were notified during the year, 10 of which died.

Deaths during the last 5 years :—

1925	...	...	1	1928	...	...	3
1926	...	...	3	1929	...	...	10
1927	...	...	4				

2 cases of Encephalitis Lethargica were notified with 3 deaths.

Deaths during the last 5 years :—

1925	...	...	5	1928	...	...	2
1926	...	...	3	1929	...	...	3*
1927	...	...	4				

1 Notified in 1928.

5 cases of Polio-Myelitis were notified during the year.

ACUTE PRIMARY AND INFLUENZAL PNEUMONIA.

487 cases were notified during the year. 301 of these were removed to hospital or infirmary. There were 114 deaths of these notified cases.

PUERPERAL FEVER.

14 cases were notified during the year, with 5 deaths.

In each case of death, the circumstances were investigated by myself and the full facts reported to the Maternal Mortality Committee of the Ministry of Health in accordance with their instructions.

All the 14 cases were removed to hospital.

PUERPERAL PYREXIA.

39 cases have been notified. 31 were removed to hospital and 8 kept at home.

It will be noticed from the above tables that Measles, Diphtheria and Encephalitis Lethargica decreased, but that most of the other notifiable diseases increased. This especially applies to those in which the lungs are involved.

On the whole, 1929 was a bad year for infectious diseases, partly due, perhaps, to weather conditions.

TABLE 39.
NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1929.

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	162	309	99	45	20	15	4	1	1	—	—	—	298	364	662	638	3
Small-Pox ...	4	10	35	28	28	10	15	11	10	1	1	—	—	77	76	153	153	—
Diphtheria ...	17	211	238	53	25	19	26	7	3	3	1	—	—	263	340	603	597	22
Membr. Croup ...	—	2	—	—	—	—	—	—	—	—	—	—	—	1	1	2	2	—
Enteric Fever ...	—	—	1	1	2	—	—	1	—	—	—	—	—	4	1	5	5	1
Paratyphoid ...	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	1	1	—
Puerperal Fever ...	—	—	—	—	—	1	8	5	—	—	—	—	—	—	14	14	14	5
Puerperal Pyrexia ...	—	—	—	—	1	11	15	12	—	—	—	—	—	—	39	39	31	—
Cerebro-Spinal Fever ...	3	1	4	—	2	—	1	—	—	—	—	—	—	5	6	11	11	10
Measles ...	88	640	697	76	52	24	15	5	1	—	—	—	—	768	830	1598	234	16
Malaria ...	—	—	—	—	—	—	1	1	1	—	—	—	—	2	1	3	3	—
Dysentery ...	—	—	—	—	—	—	—	1	1	—	—	—	—	2	—	2	—	—
Epidemic Diarrhœa ...	6	1	—	—	—	—	—	—	—	—	—	—	—	5	2	7	6	41
Encephalitis Lethargica ...	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1	2	2	3
Pneumonia ...	37	129	38	16	31	31	32	47	38	48	25	12	3	300	187	487	301	114
Ophthalmia Neonatorum ...	28	—	—	—	—	—	—	—	—	—	—	—	—	16	12	28	22	—
Erysipelas ...	4	8	4	5	6	6	10	8	25	14	15	1	1	54	53	107	—	—
Polio-Encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Myelitis ...	—	4	1	—	—	—	—	—	—	—	—	—	—	5	—	5	5	—
Chicken Pox ...	—	1	5	1	—	—	—	—	—	—	—	—	—	2	5	7	—	—
Anthrax ...	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	1	1	—
Totals ...	193	1169	1332	279	195	123	138	102	80	67	42	13	4	1804	1933	3737	2026	215

TABLE 40.

Cases of Infectious Disease.

Notified to the Medical Officer of Health for Southwark, during each week of the year 1929.

Week Ending.	Scarlet Fever.	Diphtheria.	Membranous Croup.	Enteric Fever.	Cerebro- Spinal Fever.	Small- Pox.	Erysipelas.	Puerperal Fever.	Malaria.	Ophthalmia Neonatorum.	Phthisis.	Other forms of Tuberculosis.	Measles.	Encephalitis Lethargica.	Epidemic Diarrhœa.	Pneumonia.	Dysentery.	Puerperal Pyrexia.	Polio- Encephalitis.	Polio- Myelitis.	Chicken Pox.	Anthrax.	Total.
1929																							
Jan. 5 ...	11	20	1	...	1	...	3	...	...	1	10	...	31	...	...	16	...	2	...	...	...	...	96
" 12 ...	10	23	...	1	1	...	4	...	...	...	10	1	25	...	...	14	...	1	...	...	...	...	90
" 19 ...	8	14	...	...	...	1	1	...	...	1	9	3	23	...	...	15	...	1	...	...	...	...	76
" 26 ...	9	7	...	...	...	1	...	...	...	...	4	3	28	...	...	16	...	1	...	...	...	...	69
Feb. 2 ...	9	16	...	1	...	1	...	...	...	...	5	...	30	...	...	25	...	...	...	...	...	...	87
" 9 ...	10	7	...	...	...	...	1	...	...	...	5	...	21	...	...	38	...	2	...	...	...	...	84
" 16 ...	6	5	...	...	...	1	1	1	...	1	8	1	23	1	...	31	...	...	...	...	...	...	79
" 23 ...	5	9	...	...	...	...	...	...	...	...	7	...	15	...	...	36	...	...	...	...	...	...	72
March 2 ...	3	14	...	...	...	...	2	1	...	...	6	1	15	...	...	20	...	1	...	...	...	...	63
" 9 ...	15	8	...	...	...	3	1	...	...	1	5	1	26	...	...	11	...	...	...	...	...	...	71
" 16 ...	8	12	...	...	...	...	...	...	...	3	5	2	40	...	...	12	...	...	...	...	...	...	82
" 23 ...	10	12	...	1	...	2	...	...	...	...	13	2	43	...	...	9	...	...	...	...	...	...	92
" 30 ...	4	7	...	1	...	5	1	...	...	2	5	3	66	...	...	19	1	1	...	...	...	...	115
April 6 ...	8	9	...	...	1	3	1	...	...	...	11	1	42	...	...	24	...	...	...	...	...	...	100
" 13 ...	5	11	...	...	...	...	1	...	...	...	3	...	41	...	...	7	...	1	...	...	...	...	69
" 20 ...	14	6	...	...	1	1	1	...	...	...	10	2	51	...	...	11	...	...	...	1	...	...	98
" 27 ...	7	14	...	...	...	1	3	...	1	...	10	4	33	...	...	7	...	...	...	...	...	...	80
May 4 ...	15	6	...	...	...	1	1	...	...	1	5	1	51	...	...	6	...	1	...	...	...	...	88
" 11 ...	15	9	...	...	1	...	5	1	...	3	11	3	33	...	...	14	...	2	...	...	...	...	97
" 18 ...	13	5	...	...	1	...	3	1	...	...	14	2	59	...	...	8	...	1	...	...	...	...	107
" 25 ...	10	6	...	(1) Para-typhoid	...	...	1	...	...	...	8	...	40	...	...	8	...	...	...	...	...	...	74

June	1	9	5	...	...	...	...	2	...	...	4	7	1	35	...	...	8	...	1	...	...	...	...	72
"	8	6	11	...	...	...	...	2	...	...	...	6	...	35	...	...	5	1	1	...	...	...	...	70
"	15	10	12	...	1	...	...	4	1	1	1	12	2	38	...	...	1	...	...	...	...	...	...	83
"	22	4	8	...	...	1	3	1	...	...	...	3	...	20	...	...	3	...	1	...	...	...	...	44
"	29	12	10	...	...	...	1	3	...	...	...	7	3	38	...	...	7	...	2	...	...	...	...	83
July	6	18	11	...	...	...	4	1	...	...	...	2	1	18	...	...	7	...	...	...	...	...	...	62
"	13	8	10	...	...	...	2	...	2	1	...	5	2	38	...	...	3	...	...	...	...	...	...	71
"	20	15	6	...	...	...	1	2	...	...	...	3	1	30	...	...	6	...	...	...	...	...	...	64
"	27	13	5	...	...	1	...	3	1	...	...	8	2	21	...	...	3	...	...	...	...	...	...	57
Aug.	3	7	12	...	...	1	1	2	...	...	...	7	1	15	...	...	3	...	2	...	...	...	...	51
"	10	7	12	...	...	...	...	...	...	...	...	7	2	23	...	...	5	...	2	...	...	...	...	58
"	17	15	12	...	...	1	...	3	...	...	1	4	2	12	...	...	1	...	1	...	...	...	...	52
"	24	16	8	...	...	1	3	...	1	...	...	6	1	17	...	2	...	...	1	...	1	...	...	57
"	31	11	6	...	...	...	...	1	...	...	2	7	2	15	...	...	1	...	...	...	...	...	...	46
Sept.	7	17	8	...	...	...	2	1	...	...	...	5	4	17	1	2	2	...	1	...	...	...	...	60
"	14	22	15	...	...	...	1	2	...	...	3	7	2	19	...	...	3	...	...	...	...	...	...	74
"	21	16	11	...	...	...	4	2	...	...	...	9	3	11	...	3	3	...	...	...	2	...	...	64
"	28	16	11	...	...	...	3	4	...	...	...	4	1	9	...	...	6	...	2	...	...	...	...	56
Oct.	5	24	17	...	...	...	3	2	1	...	...	6	1	6	...	...	4	...	2	...	1	...	...	64
"	12	26	20	...	...	...	3	3	...	...	...	8	4	4	...	...	4	...	1	...	...	...	...	73
"	19	23	17	...	...	...	2	4	...	...	1	6	1	9	...	...	8	...	...	...	...	...	...	71
"	26	23	20	...	...	...	1	8	2	...	...	4	2	5	...	...	1	...	1	...	...	...	...	67
Nov.	2	19	17	...	...	...	4	2	1	...	1	5	1	20	...	...	8	...	...	...	...	...	...	78
"	9	22	22	1	...	...	18	4	...	...	1	2	...	8	...	...	8	...	1	...	...	...	...	87
"	16	17	14	...	...	...	3	8	...	...	...	5	...	35	...	...	4	...	...	...	...	...	...	86
"	23	21	12	...	...	...	19	3	...	...	1	4	2	34	...	...	4	...	2	...	...	...	...	102
"	30	14	14	...	...	...	19	2	...	...	...	7	2	39	...	...	8	...	...	...	...	...	...	105
Dec.	7	11	18	...	...	...	6	5	1	...	...	5	...	52	...	...	7	...	2	...	...	...	...	107
"	14	18	10	...	...	...	10	2	...	...	1	6	2	77	...	...	7	...	...	...	...	...	...	133
"	21	18	16	...	...	...	14	2	...	...	...	6	1	75	...	...	6	...	1	...	...	...	...	139
"	28	9	13	...	...	...	2	2	...	...	...	2	...	87	...	...	4	...	...	...	...	7	1	127
TOTAL	...	662	603	2	6	11	153	107	14	3	28	339	76	1598	2	7	487	2	39	...	5	7	1	4152

TABLE 41.

RETURN OF FAMILIES ADMITTED INTO THE COUNCIL'S RECEPTION HOUSE DURING THE YEAR 1929.

1929.		Scarlet Fever.			Diphtheria.			Small Pox.			Other Diseases, &c.			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.
Jany.	5	—	—	—	3	8	17	—	—	—	—	—	—	—	—	—
"	12	1	3	9	2	8	28	—	—	—	—	—	—	—	—	—
"	19	—	—	—	—	—	—	1	9	54	—	—	—	—	—	—
"	26	1	4	12	—	—	—	1	4	16	—	—	—	—	—	—
Feby.	2	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
"	9	1	3	6	—	—	—	—	—	—	—	—	—	—	—	—
"	16	—	—	—	—	—	—	1	1	3	—	—	—	—	—	—
"	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	9	—	—	—	—	—	—	4	18	54	—	—	—	—	—	—
"	16	—	—	—	2	6	18	—	—	—	—	—	—	—	—	—
"	23	—	—	—	—	—	—	1	2	10	—	—	—	—	—	—
"	30	—	—	—	—	—	—	4	6	29	—	—	—	—	—	—
"	6	—	—	—	—	—	—	1	5	20	—	—	—	—	—	—
April	13	1	2	6	1	1	2	—	—	—	—	—	—	—	—	—
"	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	27	—	—	—	—	—	—	2	5	17	—	—	—	—	—	—
May	4	—	—	—	—	—	—	1	3	9	—	—	—	—	—	—
"	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	25	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—
June	1	1	2	6	—	—	—	—	—	—	—	—	—	—	—	—
"	8	—	—	—	1	2	6	1	3	12	—	—	—	—	—	—
"	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	22	—	—	—	—	—	—	1	6	30	—	—	—	—	—	—
"	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Crd. fwd.		5	14	39	11	32	92	18	62	254	—	—	—	—	—	—

TABLE 41—Continued.

1929.	Scarlet Fever.			Diphtheria.			Small Pox.			Other Diseases, &c.			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.
Br. frwd.	5	14	39	11	32	92	18	62	254	—	—	—	—	—	—
July 6	—	—	—	—	—	—	2	9	45	—	—	—	—	—	—
" 13	1	2	6	1	2	6	1	6	18	—	—	—	—	—	—
" 20	—	—	—	—	—	—	2	8	16	—	—	—	—	—	—
" 27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aug. 3	—	—	—	—	—	—	1	5	18	—	—	—	—	—	—
" 10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 17	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
" 24	—	—	—	—	—	—	1	3	9	—	—	—	—	—	—
" 31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sept. 7	—	—	—	1	4	12	1	2	6	—	—	—	—	—	—
" 14	—	—	—	2	7	21	—	—	—	—	—	—	—	—	—
" 21	—	—	—	2	6	18	—	—	—	—	—	—	—	—	—
" 28	—	—	—	—	—	—	1	3	12	—	—	—	—	—	—
Oct. 5	1	2	4	—	—	—	—	—	—	—	—	—	—	—	—
" 12	—	—	—	1	5	15	1	3	15	—	—	—	—	—	—
" 19	—	—	—	—	—	—	1	4	12	—	—	—	—	—	—
" 26	1	2	6	—	—	—	1	2	6	—	—	—	—	—	—
Nov. 2	—	—	—	1	3	9	2	7	28	—	—	—	—	—	—
" 9	—	—	—	—	—	—	7	29	90	—	—	—	—	—	—
" 16	—	—	—	—	—	—	1	5	90	—	—	—	—	—	—
" 23	—	—	—	—	—	—	6	23	63	—	—	—	—	—	—
" 30	—	—	—	—	—	—	10	37	84	—	—	—	—	—	—
Dec. 7	—	—	—	—	—	—	4	17	60	—	—	—	—	—	—
" 14	—	—	—	—	—	—	8	23	63	—	—	—	—	—	—
" 21	—	—	—	—	—	—	2	11	33	—	—	—	—	—	—
" 28	—	—	—	—	—	—	2	3	6	—	—	—	—	—	—
Total ...	8	20	55	20	62	182	72	262	928	—	—	—	—	—	—

DISINFECTION.

The total number of disinfections of rooms during the year by the Council's disinfecting staff was 6,289. Of this number 3,142 rooms were disinfected after the occurrence of the ordinary notifiable infectious diseases, as against 3,136 rooms in 1928. 2,337 periodical sprayings of rooms occupied by Phthisical patients were also carried out during the year.

810 verminous rooms were sulphured and otherwise cleansed by the Council's staff during the year, as against 639 in 1928.

Among the total number of disinfections (6,289) it was found necessary to strip 119 rooms. Of these 81 were in relation to the notifiable diseases, 36 after the termination of cases of Phthisis, and 2 were verminous.

TABLE 42.

The Locality of Rooms Disinfected and Stripped
after the occurrence of Infectious Disease.

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christ- church Ward.	St. Saviour's Ward.	Total.
Disinfected	287	260	277	381	303	333	387	197	321	119	277	3142
Stripped ...	3	7	7	5	11	13	13	3	8	—	11	81

TABLE 43.

**Bedding, &c., disinfected and destroyed after the occurrence
of Infectious Disease during the Year 1929.**

Articles.	No. Disinfected.	No. Destroyed.
Beds	1,346	50
Palliasses	852	32
Bolsters	779	19
Pillows	2,698	25
Cushions	792	3
Blankets	1,747	10
Sheets	1,244	9
Quilts	1,000	11
Articles of Clothing, } &c. }	7,663	58
Books	290	—
Total	18,411	217

20 cases of horsehair weighing 1 ton 13 cwts. 3 qrs. 19 lbs. and 1 box clothing, 1 cricket bag, and 1 basket of clothing were also disinfected at the Depot.

MATERNITY AND CHILD WELFARE.

There are in the Borough 8 Municipal Centres, 3 Voluntary and 3 partly Voluntary and partly Municipal, for the attendance of mothers and children under 5 years of age.

ANTENATAL CLINICS.

During the year arrangements were made by which the antenatal clinics for the Borough should be held on Mondays and Fridays at Sutherland House, and the antenatal clinic previously held at Villa Street abolished, this arrangement came into force on September 2nd, 1929. The accommodation at Villa Street was inadequate, the equipment poor, and it was quite unsuitable for the work. The equipment at Sutherland House was brought up to date and necessary articles supplied so that both clinics could be accommodated there under hygienic conditions and with up to date appliances.

An Antenatal Clinic is also held monthly at Lambeth Road Centre.

These clinics are increasing in popularity as they get better known, and during the period stated above Dr. Shepherd and Dr. Bergin each attended 16 sessions at Sutherland House, the attendances being as follows :—

Dr. Shepherd	...	134 mothers.
Dr. Bergin	...	136 mothers.

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 the number of cases sent for treatment was 124, and 1116 attendances made. Many of the children have made good progress particularly in cases of rickets, malnutrition and wasting, and in the winter when natural sunlight is deficient this treatment is of undoubted use and is worthy of continuance.

MUNICIPAL DAY NURSERY.

The Creche in Kennington Park Road established for the purpose of taking care of children up to the age of 5 years, while their mothers are at work, has done very good work, and is under the supervision of Miss Darling, the Matron.

During the year it was decided to employ resident probationers, and to train them to obtain certificates as trained children's nurses, providing them with board and lodging, and a small weekly payment as pocket money, instead of the system of engaging non-resident probationers at a small salary.

This system is as yet on its trial, and has to be proven. The staff consists of a matron, a trained children's nurse, and three probationers, a cook, laundress and cleaner.

The improvement in the appearance and health of the children is quite noticeable, and by giving their mothers an opportunity of earning additional money the standard of the whole family must necessarily improve. The number of attendances of children during the year was 9,459.

CONVALESCENT TREATMENT.

An arrangement was entered into between the Borough Council and the Invalid Children's Aid Association, by which the Council undertook part payment for children under 5 years of age sent to Convalescent Homes by the Invalid Children's Aid Association, and 90 children were thus assisted to have the necessary treatment and fresh air to restore them to health.

Six children were referred to the Guardians for convalescence.

Sixty mothers and babies were sent away for holiday from the Mayor's Fund.

Several cases were referred to the Southwark Invalid Kitchen Society for dinners.

MATERNAL MORTALITY.

The number of deaths in 1929, due directly to pregnancy or childbirth was 7.

Of these 5 were due to septic causes, and 2 were from other accidents incidental to labour.

In a few instances antenatal teaching might have benefited these patients and the antenatal examination might have revealed a preventable cause, but in the greater number the cause only arises at or after labour, when antenatal teaching or examination would have been of no avail.

MATERNITY AND CHILD WELFARE CENTRES.

Assistant Medical Officer of Health (Maternity and Child Welfare)	...	Dr. C. SIMS (to July 31st, 1929). Dr. M. BERGIN (from Sept. 2nd, 1929).
Superintendent Health Visitor	... ..	Mrs. J. A. HOLLAND.

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	... ..	Mrs. A. Parkins.

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 H. Johnson.

2B CENTRE (Municipal).

Working Boys' Club, Villa Street.

District served by Centre	...	St. Peter's Ward.
Sessions held every Wednesday	...	10.0—12. 2.0—4.0.
Medical Officers	... ..	Dr. C. SIMS and Dr. Bergin.
Health Visitor	... ..	Miss W. F. Cleverley.

3A CENTRE (Municipal).

All Saints' Parish Room, Surrey Square.

District served by Centre:—The Southern portion of All Saints' Ward 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' Ward 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 Officers	...	...	Dr. C. Sims and Dr. 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. Jackson Smith.
Health Visitor	...	...	Miss W. Sayer.

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 Officers	...	...	Dr. C. SIMS and Dr. STEVENS.
Health Visitor	...	...	Miss F. N. Adair.

5 CENTRE (Partly Municipal and partly Voluntary).

56, Lambeth Road.

District served by Centre :—A part of St. Jude's and St. Michael's Wards.

Sessions held every Monday and Friday, 2—4.0.

Medical Officer ... Dr. Dorothy Shepherd.

Health Visitor ... Miss Pearson.

6A CENTRE (Municipal).

St. George's Dispensary, 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 Officers ... Dr. C. Sims and Dr. Bergin.

Health Visitor ... Miss M. Freeth.

6B CENTRE (Municipal).

St. Mary's Girls' Club, Union Street.

District served by Centre ... St. Saviour's Ward.

Sessions held every Monday ... 10.0—12. 2.0—4.0.

Medical Officers ... Dr. C. Sims and Dr. Bergin.

Health Visitor ... Mrs. M. E. George.

6c CENTRE (Partly Municipal and partly 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.

ANTENATAL 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.

Sutherland House, Sutherland Square.

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

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

MATERNITY AND CHILD

Showing the Attendances at the several Centres and Visits

TABLE

Number of Births notified during the year	...	...	...
Number of individual children attending the Centre during year	...	...	...
Number of Sessions held during the year	...	...	...
Number of new cases attending the Centres during the year—			
(1) Expectant Mothers	...	...	...
(2) Infants under 1 year	...	...	...
(3) Seen by Doctor	...	...	...
(4) Children 1 to 5 years	...	...	...
(5) Seen by Doctor	...	...	...
Method of Feeding—(a) Breast	...	...	...
(b) Breast and bottle	...	...	...
(c) Bottle	...	...	...
(d) Ordinary diet	...	...	...
Total number of attendances at the Centres during the year—			
(1) Mothers	...	...	...
(2) Expectant Mothers	...	...	...
(3) Infants under 1 year	...	...	...
(4) Children 1 to 5 years	...	...	...
(1) Average number of attendances	...	...	...
(2) do.	...	...	...
(3) do.	...	...	...
(4) do.	...	...	...
(5) Total number of attendances of Infants seen by Doctor during the year	...	...	...
(6) Total number of attendances of children 1 to 5 years seen by Doctor during the year	...	...	...
(7) Total number of Expectant Mothers seen by Doctor	...	...	...
(8) Children weighed	...	...	...
(9) Post-natal cases	...	...	...
Total number of first visits paid by Health Visitors to homes of—			
(1) Expectant Mothers	...	...	...
(2) Infants under 1 year	...	...	...
(3) Children 1 to 5 years	...	...	...
Total number of revisits paid by Health Visitors to homes of—			
(1) Expectant Mothers	...	...	...
(2) Infants under 1 year	...	...	...
(3) Children 1 to 5 years	...	...	...

Sewing Classes were held during the year at No. 5
do. do. do. under the
do. do. do. at No. 1a

WELFARE CENTRES.

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

44.

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.
404	353	345	283	240	281	247	199	248	318	212	98	47	3275
640	519	414	259	230	279	353	233	467	293	263	69	70	4089
94	94	94	94	94	94	94	92	90	92	88	48	94	1162
164	16	67	129	5	23	—	49	71	26	34	—	896	1480
385	404	295	210	177	200	217	155	294	211	206	65	70	2889
241	261	223	153	130	123	150	112	231	160	149	65	70	2063
255	115	119	49	53	79	136	78	173	82	57	4	—	1200
26	23	17	13	8	24	37	26	97	21	22	4	—	318
297	321	236	166	136	190	203	131	256	179	185	53	64	2417
19	16	20	9	14	12	13	11	10	11	8	5	6	154
33	68	42	33	35	2	13	11	26	31	9	6	—	309
291	114	116	51	45	75	124	80	175	72	61	5	—	1209
6389	6163	4693	3091	3630	3723	4693	3133	5226	4379	4047	2070	—	51237
346	78	202	306	48	43	3	136	268	93	162	—	3080	4765
3522	4062	2989	2066	2227	2523	2413	1812	1911	2732	2383	1156	1467	31323
2432	1835	2202	765	1274	1230	2142	1331	1470	1131	1431	1118	675	19036
68.0	65.6	49.9	32.9	38.6	39.6	49.9	34.1	58.1	47.6	46.0	43.1	—	—
3.7	0.8	2.1	3.2	0.5	0.5	—	1.5	3.0	1.0	1.8	—	32.8	—
37.5	43.2	31.8	22.0	22.7	26.8	25.7	19.7	21.2	30.3	27.1	24.1	15.6	—
25.9	19.5	23.4	8.1	13.6	13.1	22.8	14.5	16.3	12.3	16.3	23.3	7.2	—
1037	1561	1250	876	1188	1218	995	1241	1060	1352	1109	630	1467	14984
482	658	562	387	671	552	566	773	810	585	622	476	675	7819
164	16	127	251	5	33	2	58	71	46	34	—	896	1703
4806	5539	4188	2814	3316	3283	4414	2811	3120	3822	3635	2245	2142	46195
1519	37	136	9	4	169	567	233	1748	185	190	289	484	5570
167	165	161	119	64	54	41	81	238	178	82	29	870	2249
417	362	361	301	272	300	282	253	281	370	220	99	71	3589
44	—	—	—	—	—	—	—	3	—	—	17	—	64
312	88	51	13	10	—	4	—	285	21	9	56	641	1490
1565	1660	1188	985	1004	1717	1300	1790	1361	1739	1087	1032	698	17126
3883	2289	1405	1483	1907	1425	1689	1721	2316	1961	2135	2521	1487	26222

Centre, with a total attendance of 41.
direction of Mrs. Holland with a total attendance of 579.
Centre, with a total attendance of 352.

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 1929.

TABLE 45.

	ORIGINAL VISITS.			REVISITS.			Visits to Ante-Natal Cases.	Visits to Post-Natal Cases.	Visits to Delicate Infants.	Visits to Cases of Diarrhœa and Sick Children.	Attendances at Welfare Centres	Visits where Mothers were found to be out.	Special Visits, &c.	Puerperal Iyexia.	Total.
	Births.	Measles.	Ophthalmia Neonatorum	Births.	Measles.	Ophthalmia Neonatorum									
Mrs. Holland ...	—	—	—	—	—	—	—	—	—	—	383	—	3	—	386
Mrs. Kingsmill ...	362	127	4	3,949	11	—	253	—	—	—	104	28	1	2	4,841
Miss Johnson ...	361	132	2	2,593	11	—	212	4	—	—	92	181	2	3	3,593
Miss Cleverley ...	301	322	2	2,468	4	—	132	1	—	1	105	238	16	6	3,596
Miss Rogers ...	272	87	2	2,911	11	—	74	—	—	—	93	309	—	1	3,760
Miss Cottrill ...	300	295	2	3,142	27	—	54	3	—	—	92	39	14	3	3,971
Miss Sayer ...	282	225	2	2,989	106	—	45	—	—	—	106	272	26	7	4,060
Miss Adair ...	253	71	2	3,511	1	—	81	—	—	—	90	5	—	2	4,016
Miss Freeth ...	370	190	7	3,700	27	—	199	—	—	1	98	71	—	12	4,675
Mrs. George ...	220	129	1	3,222	18	—	91	—	—	—	88	134	—	4	3,907
Mrs. George (home help) ...	—	—	—	—	—	—	—	—	—	—	237	—	47	—	284
TOTAL ...	2721	1578	24	28,485	216	—	1141	8	—	2	1,483	1,277	109	40	37,089

HEALTH WEEK, OCTOBER 6th—12th.

During the above period, a week was devoted to propaganda on the subject of Public Health, and a series of lectures was delivered at Sutherland House in the evenings, followed by an appropriate film.

The subjects included Food Supplies, Flies, Tuberculosis, Progress in Public Health, and Health and Cleanliness.

A total of 325 persons attended these lectures and displayed great interest.

At all Welfare Centres "talks" were given to the mothers, and at the Tuberculosis Dispensary an afternoon talk was also given to patients and their relatives which was much appreciated and attended by 30 persons.

The Ministers of various denominations kindly introduced the subject at the various places of worship in the district, the teachers at the schools gave addresses to their pupils, and a large amount of literature suitable for all ages was distributed.

The local Cinema proprietors lent willing co-operation by exhibiting Health Films during their performances, it being so arranged that each Cinema showed a different film each night during the week.

The Health and Cleanliness Council rendered great assistance by supplying leaflets and posters, the former being distributed at the Welfare Centres, the Tuberculosis Dispensary, and all the Schools in the Borough whilst the posters were displayed in prominent parts of the district.

Thanks are also due to the ladies who volunteered to assist in circulating literature from the Kiosk in the front of the Town Hall, and to the Librarian for his co-operation in issuing literature from the various Libraries.

The numbers attending the lectures and health talks were 683, the number of leaflets distributed between 70,000 and 80,000, and the posters exhibited 300.

A great deal of propaganda work was thus carried out, and it is hoped by this means to encourage the care of health and the standard of life amongst the residents in the Borough.

BACTERIOLOGICAL SPECIMENS.

Number of specimens examined by the Public Analyst	...	2,715
Positive results	... ..	431

PRESERVATIVES IN FOOD.

2003 Samples of Foods and Drugs, both formal and informal, have been examined by the Public Analyst.

Nearly all these samples have been tested for preservatives, as the practice in the Public Analyst's department is to examine for preservatives all articles of food which experience has shown are liable to contain them.

Details of the above matters are given in full in the reports sent by the Public Analyst to the Ministry of Health in each quarter of the year.

CYRIL DICKINSON,
Public Analyst.

TUBERCULOSIS SCHEMES.

The Borough Council has for some years carried out a scheme for dealing with Tuberculosis, and the cases in Southwark are visited by a staff of specially trained nurses from the Municipal Dispensary, which also is a centre for the treatment of out-patients, and for the examination of suspects or contacts. Through this dispensary also pass all cases who are admitted and discharged from Hospital or Sanatoria. Arrangements are made for the examination of Sputa, X-ray examination and treatment by artificial pneumothorax or ultra-violet rays. The dispensary is under the charge of a Tuberculosis Medical Officer, who is a whole-time officer of the Council.

The general supervision of all the notified cases, whether attending the dispensary or not, is carried out by the Public Health Department where the Statutory Register and records of all notified cases are kept.

The whole of the above work is under the supervision of the Medical Officer of Health as Administrative Tuberculosis Officer.

TABLE 46.
PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 30th December, 1928, to the 28th December, 1929,
in the Metropolitan Borough of Southwark.

Age-periods	Notifications on Form A.													Notifications on Form B.				Number of Notifications on Form C.	
	Number of Primary Notifications.												Total Notifications on Form A.	Number of Primary Notifications.			Total Notifications on Form B.	Poor Law Institutions.	Sanatoria.
	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 & upwards	Total Primary Notifica- tions.		Under 5	5-10	10-15	Total Primary Notifica- tions.		
Pulmonary Males ...	—	—	5	2	20	29	37	32	46	28	16	215	260	—	—	—	—	143	156
„ Females ...	—	—	1	4	24	22	28	16	8	4	3	110	135	—	—	—	—	57	88
Non-Pulmonary Males ..	1	6	8	6	7	4	3	2	2	1	2	42	45	—	—	—	—	9	31
„ Females ..	—	6	4	2	5	8	3	3	—	1	—	32	36	—	—	—	—	4	21

PRIMARY NOTIFICATIONS relate to patients who have not previously been notified in this or former years, either on Form A or on Form B, 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. (Note—No primary notifications should be made on Form C.)

A School Medical Inspector, or the Medical Officer of Health of a county, county borough, or other district, if acting as a School Medical Inspector, is required to notify on Form B all cases of Tuberculosis discovered in the course of inspection of children attending public elementary schools whether or not these have previously been notified.

Form C. Relates to patients admitted to Sanatoria or Poor Law Institutions.

TABLE 47.

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 30th December, 1928, to the 28th December, 1929, otherwise than by notification on Form A or Form B under the Public Health (Tuberculosis) Regulations, 1912.

Age Periods		0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total Cases
Pulmonary Males	...	—	—	—	—	—	—	2	2	4	1	—	9
„ Females	...	—	—	—	1	—	—	—	4	—	—	—	5
Non-pulmonary Males	...	1	—	—	—	—	—	—	—	—	—	—	1
„ Females	...	—	—	—	—	—	—	1	—	—	—	—	1

NOTE—New cases first coming to knowledge otherwise than by formal notification may in some instances afterwards be formally notified on Form A or Form B. Such cases should be included in the appropriate columns of the Summary of Notifications overleaf and not in the Supplemental Return, unless the formal notification in any of such cases was improperly made, *e.g.*, after death of the person, in which event the case should appear in the Supplemental Return.

No case should be included both in the Summary of Notifications and the Supplemental Return.

DEATHS FROM PULMONARY TUBERCULOSIS.

TABLE 48.

Shewing the number of Patients who died in their own homes and the number who died away from home in Hospitals or other Institutions, 1929.

	0-	1-	2-	5-	15-	25-	45-	65-	75-	ALL AGES.		
										Males	Fe- males	TOTAL
Number of patients who died at home	1	19	27	27	1	...	45	30	75
Number of patients who died in hospitals, &c.	1	...	2	33	51	59	8	3	111	46	157
	...	1	...	3	52	78	86	9	3	156	76	232

Of the total number of deaths from Pulmonary Tuberculosis 67·7 per cent. occurred in hospitals or other institutions.

TABLE 49.

TUBERCULOSIS.

Age Periods.	New Cases.*		Deaths.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
0 ...	—	2	—	3
1 ...	—	12	1	11
5 ...	6	12	1	3
10 ...	7	8	2	—
15 ...	44	12	19	5
20 ...	51	12	33	—
25 ...	67	7	41	3
35 ...	54	5	37	—
45 ...	58	2	51	4
55 ...	33	2	35	—
65 and upwards.	19	2	12	2
TOTAL ...	339	76	232	31

- (1) The ratio of non-notified deaths to notified cases is 1 to 56.

Notification, however, still is frequently deferred until the cases are too advanced for beneficial treatment. This, however, is frequently due to the patients themselves not attending the doctor until the disease has progressed too far, or in other cases, particularly in elderly people, the disease is masked by accompanying bronchitis and is not detected until the sputum is examined. All doubtful cases or chronic cases of bronchitis should occasionally have their sputum sent for examination for they may be carriers of the disease and infect others even though they themselves are not too advanced for cure.

**PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS)
REGULATIONS, 1925.**

It was not found necessary to take any action under these Regulations during the year.

PHTHISIS.

TABLE 50.

A summary of the cases notified and other particulars in connection therewith during the year 1929.

Cases notified during 1929.	Old cases returned home from Infirmary.	Visits paid at the homes of patients.	Cases removed to Infirmary.	Cases removed from Southwark or which died at home.	Rooms periodically sprayed and otherwise disinfected.	Rooms stripped on termination of cases.
339	249	3,612	319	260	2,337	36

TABLE 51.

**The Locality of the Rooms Disinfected and Stripped
after the occurrence of Phthisis.**

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christ-Church Ward.	St. Saviour's Ward.	Total.
Disinfected	326	268	249	346	212	182	290	156	162	57	89	2,337
Stripped ...	6	10	1	3	1	4	5	1	3	1	1	36

THEORY OF THE EARTH AND ITS HISTORY

BY J. H. MACLEOD

OF THE UNIVERSITY OF GLASGOW

THE UNIVERSITY OF GLASGOW, 1900

PRINTED BY J. H. MACLEOD

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APPENDIX.

Borough of Southwark



ANNUAL REPORT

OF THE

Tuberculosis Medical Officer,

FOR THE

YEAR 1929.

J. T. CROWE,

L.S.A., L.M.S.S.A. (LONDON),

Tuberculosis Medical Officer.

BOROUGH OF SOUTHWARK.

SOUTHWARK TUBERCULOSIS DISPENSARY,

82-84, NEWINGTON CAUSEWAY, S.E.

*To the Mayor, Aldermen and Councillors of the
Borough of Southwark.*

SIR, LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for 1929.

The work of the Dispensary has been carried on as in previous years, with the same staff, viz. : a Lady Secretary-Dispenser and three Nurses.

During the year an old Caretaker and her daughter, Mrs. West, retired on pension after serving at the Dispensary since it started in 1914; we were very sorry to lose her services. Mr. and Mrs. Whitton were appointed in her stead as joint caretakers.

322 cases were recommended to the London County Council for Sanatorium treatment, and 40 doubtful cases were sent to Brompton and other hospitals for observation.

The children of 9 patients were either boarded out or sent to Convalescent Homes, under the Contact Scheme of the London County Council, with the help of the Invalid Children's Aid Association.

We still have a good proportion of children in the two Open-Air Schools, Nightingale House, Bermondsey, and Springwell House School, Clapham Common.

10 Ex-Service Pensioners were recommended for Sanatorium treatment and others were treated at home by their Private Practitioners and a good number attended at the Dispensary.

28 cases of Doubtful Tuberculosis were sent to Guy's Hospital for X-Ray Examination under an arrangement with that Hospital.

10 cases attended Brompton Hospital for the purposes of Refills for Pneumo-Thorax treatment all being paid for by this Dispensary.

420 specimens of Sputum were examined by the Borough Analyst.

29 patients were granted extra nourishment.

Extract of Spleen treatment has been tried in a number of selected cases of Surgical Tuberculosis, but I am afraid the results have not come up to my expectations.

The Nurses paid 4,127 visits to patients' houses and have continued to do a large amount of propaganda work.

The Invalid Children's Aid Association continues to give us great assistance in arranging for Convalescent Homes for delicate children and also in working the Contact Scheme in conjunction with the London County Council.

The Charity Organisation Society, the British Red Cross Society, the United Service Fund and the National Association for the Prevention of Tuberculosis have also been of great help to us in numerous ways.

During the year I gave two Lectures, one during National Health Week at Sutherland House and one at the Dispensary.

The Care Committee have met weekly during the year.

The cordial relations with the L.C.C. and Ministry of Pensions, the Hospitals and the Private Practitioners has been well maintained.

Yours faithfully,

J. T. CROWE,

Tuberculosis Officer.

Staff of the Tuberculosis Dispensary to whose Salary contribution is made—

Tuberculosis Officer : J. T. CROWE, L.S.A., L.M.S.S.A. (London).

Secretary and Dispenser : F. NIGHTINGALE (Certificate of Apothecaries Society, London).

Tuberculosis Nurses : M. E. BENNETT (Cert. Royal San. Inst.), S.R.N.

F. C. ROGERS (C.M.B.), S.R.N.

F. K. JAY (C.M.B.), S.R.N.

TABLE A.

Total number of persons examined for the first time, 780:—

Insured Persons	...	369	Males	...	245
			Females	...	124
Non-Insured Persons	...	411	Males	...	38
			Females	...	98
			Males	...	149
			Females	...	126
Total	...			...	780

TABLE B.

Patients found to be suffering from Pulmonary Tuberculosis, 183:—

Insured Persons	...	126	Males	...	88
			Females	...	38
Non-Insured Persons	...	57	Males	...	18
			Females	...	27
			Males	...	7
			Females	...	5
Total	...			...	183

TABLE C.

Patients suffering from Non-Pulmonary Tuberculosis, 39:—

Insured Persons	...	10	Males	...	3
			Females	...	7
Non-Insured Persons	...	29	Males	...	3
			Females	...	3
			Males	...	17
			Females	...	6
Total	...			...	39

TABLE D.

Cases (including contacts) found Non-Tuberculous, 510:—

Insured Persons	...	208	Males	...	139
			Females	...	69
Non-Insured Persons	...	302	Males	...	17
			Females	...	64
			Males	...	115
			Females	...	106
Total	...			...	510

TABLE E.

Total attendances of patients :—

Insured Persons	...	...	...	3,105
Non-Insured Persons	...	..	...	1,551
				<hr/>
Total	...	...	...	4,656
				<hr/>

TABLE F.

Number of examinations of patients :—

Insured Persons	...	...	...	891
Non-Insured Persons	...	...	...	686
				<hr/>
Total	...	...	...	1,577
				<hr/>

TABLE G.

The following cases were recommended to the London County Council for treatment (Insured Persons):—

Sanatorium	...	...	...	160
Hospital	...	...	...	23
Home for Advanced Cases	...	...	...	2
Hospital for observation	...	...	...	23
Convalescence	...	...	...	1
				<hr/>
Total	...	...	...	209
				<hr/>

TABLE H.

The recommendations to the County Council for Institutional treatment were as follows (Non-insured Persons):—

Sanatorium...	...	...	...	64
Hospital	...	...	...	15
Open Air School	...	...	...	11
Convalescence	...	...	...	4
Home for Advanced Cases	...	...	...	2
Hospital for observation	...	...	...	17
				<hr/>
Total	...	...	...	113
				<hr/>

TABLE I.

The Nurses visited the homes of the following cases and advised the patients on the questions of environment and preventive measures :—

Insured Persons	...	...	2,400
Non-Insured Persons	...	...	1,727
			<hr/>
Total	...	...	4,127
			<hr/>

TABLE J.

Patients discharged during the year :—

	Insured.	Non-Insured.
Cured	—	2
Arrested	16	12
Guardians	4	2
"In statu quo"	19	31
Moved away	29	23
Transferred to other districts	16	12
Ceased attending	26	19
Transferred to Domiciliary treatment	38	—
Transferred to Institutions	12	18
Non-Tuberculous	213	302
Open Air School	—	13
Private Practitioner	3	2
	<hr/>	<hr/>
Totals	378	436
	<hr/>	<hr/>

REPORT OF THE TUBERCULOSIS CARE COMMITTEE, 1929.

During the year the Committee has met weekly.

It consists of our Tuberculosis Officer as Chairman, and representatives from Tuberculosis Dispensary Nurses, the Borough Council, the Board of Guardians, the two Branches of the Invalid Children's Aid Society, the Charity Organisation Society, the Red Cross, the British Legion, the United Services Fund, the Soldiers' and Sailors' Help Society, the Women's University Settlement, and a medical man representing Approved Societies of National Insurance.

The Committee has been well attended.

THE COMMITTEE'S WORK.

The Committee consider cases recommended by the Tuberculosis Borough Dispensary for Hospital or Sanatorium treatment under the London County Council.

They recommend what charge should be made (if any) towards the cost of treatment. The families of 78 adults and 25 children have contributed sums from 1/- to 20/- according to the income of the family.

The heads of the families are interviewed and, if in need, referred to various Societies for help, if in need of clothes to go away in, care of the children if the mother is the patient, allowances in lieu of the father's wages if he is the one to go, pocket money for single patients who have no resources during their treatment in institutions. Extra nourishment is given by the advice of the medical officer to cases waiting to go away and for a short time on their return. All cases are visited by members of Committee after their return to see if help is needed. The extra nourishment is granted by the Ministry of Health, and is the only fund possessed by the Committee. Help as described above has been obtained from the United Services Fund, the Red Cross, the Charity Organisation Society, the Soldiers' and Sailors' Help Society, the Royal Naval Benevolent Trust, the Society for Relief of Distress, various regimental funds, the Mayor of Southwark, private individuals, the Board of Guardians, and the Invalid Kitchens.

We work in close co-operation with the Invalid Children's Aid Society, who undertake all interviews and enquiries and collection of contributions on the children's cases.

We wish to thank all the Societies and individuals for the interest taken and help given—in many cases going on for many months, as in the case of T. W., who was at St. Luke's, Lowestoft, from October, 1928, to August, 1929. The Royal Naval Benevolent Trust, through S.S.H.S. and a private individual, gave an allowance for his wife and child all the time. He came home much better, S.S.H.S. helped till he was able to work, and paid up his Union to help him to get it. Help was continued at intervals till December, when he started in regular work.

It is often very difficult for men and boys to get work on their return from Sanatorium. Burrow Hill Colony now gives a splendid opportunity for boys from 14 to 18, who get combined treatment and training. We have sent one boy there, a war orphan, whose mother has

re-married a man with very bad health, and who are not in a position to pay for him. He is very happy there and improving in every way.

Of course in the work of a Tuberculosis Care Committee there are many ups and downs, disappointments as well as successes, but it is on the whole encouraging, as compared with the past, and we look forward with hope and confidence to the future.

TABLE L.

Death rate from Pulmonary Tuberculosis for Southwark compared with the year 1928:—

1928.	Southwark	...	...	1.07 per 1,000.
1929.	Southwark	...	...	1.29 per 1,000.

TABLE M.

Notification of fresh cases of Pulmonary Tuberculosis:—

1912	1913	1914]	1915	1916	1917	1918	1919	1920
911	775	653	634	639	685	579	494	415
1921	1922	1923	1924	1925	1926	1927	1928	1929
430	444	424	427	336	363	343	319	339

TABLE N.

Deaths from Pulmonary Tuberculosis:—

1912	1913	1914	1915	1916	1917	1918	1919	1920
345	359	330	388	391	392	381	311	243
1921	1922	1923	1924	1925	1926	1927	1928	1929
262	249	231	260	192	199	197	194	232

TABLE O.

Cases referred to Hospitals:—

	Insured.		Non-insured.
South London Hospital	3	...	1
Guy's Hospital ...	10	...	7
Royal Waterloo Hospital	—	...	4
St. Thomas's Hospital ...	1	...	—
Brompton Hospital ...	1	...	—
King's College Hospital	1	...	—
Southwark Hospital ...	39	...	14
	<hr/>		<hr/>
Totals ...	55	...	26
	<hr/>		<hr/>

Number of Patients sent to Hospital for Special Treatment:—

X-Ray	...	...	...	28
Light Treatment	...	...	...	5
Artificial Pneumo-Thorax	...	...	...	10
Total	...	...	...	<u>43</u>

TABLE P.

Sexes of new cases of Pulmonary Tuberculosis:—

Males	...	...	...	113
Females...	...	...	...	70
				<u>183</u>

TABLE Q.

Patients still attending the Dispensary on December 31st. 1929:—

Insured Persons	...	...	...	368
Non-Insured Persons	...	...	...	193
				<u>561</u>

TABLE R.

Sources of cases:—

			Insured.		Non-insured.
Doctors	...	...	77	...	25
Hospitals	...	...	18	...	9
Probation Officer	...	...	1	...	—
Nurses	...	...	6	...	9
Contacts	...	...	2	...	3
Returned from Institutions	...	...	2	...	1
Returned from Sanatoriums	...	...	12	...	8
Army	...	...	—	...	3
London County Council	...	...	6	...	21
Transferred from other Dispensaries	...	...	5	...	3
Own Account	...	...	6	...	4
Infant Welfare	...	...	1	..	—
Totals	...	...	<u>136</u>	..	<u>86</u>

TABLE S.

Contacts examined :—

Found Tuberculous...	...	...	7
Found Non-Tuberculous	...	...	354
			<hr/>
Total	...	...	361
			<hr/>

