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Borough of Southwark



ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR 1928

HORACE WILSON,

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

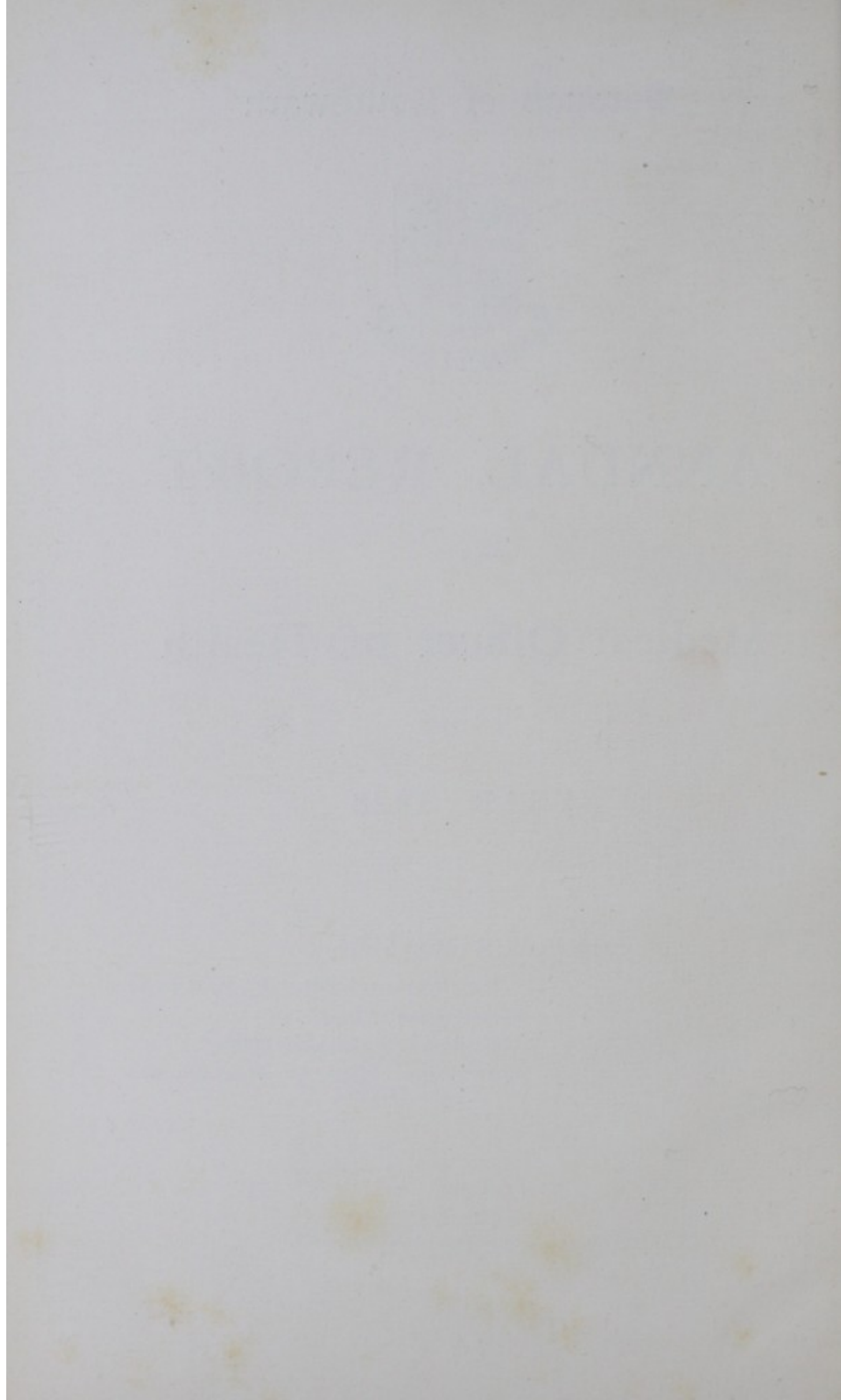
Medical Officer of Health.

Administrative Tuberculosis Officer,

*Administrative Officer for Maternity and
Child Welfare.*

LONDON:

J. J. KELIHER & CO., LIMITED, SOUTHWARK, S.E.1.



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BOROUGH OF SOUTHWARK.

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

To His Worship the Mayor, Aldermen and Councillors,

DEAR SIR, LADIES AND GENTLEMEN,

I have the honour of presenting my Annual Report of the work of the Public Health Department for the past year. The year 1928 was characterised by one or two outstanding features. In its earlier part an outbreak of Small-pox occurred, a thing unknown in the Borough for over twenty years. Fortunately, the cases were of a mild type. The disease originated in one of the Institutions where seven cases occurred, and spread by direct contact to other parts of the Borough. Cases also occurred in the Newington Institution and in Rowton House, noticeably chiefly among the unvaccinated, or those in whom a long period had elapsed since vaccination. Owing to prompt measures being taken the epidemic was kept under control. Unfortunately I myself was away on sick leave at the time and the Council acting on the suggestion of the Ministry of Health, appointed Dr. Sims, the Assistant Medical Officer for Maternity and Child Welfare, to take over the duties of Deputy Medical Officer of Health in case of the absence or illness of the Medical Officer of Health. This duty had previously been undertaken by arrangement with the Medical Officer of Health of a neighbouring Borough, but it was obvious that in a case of a serious epidemic a more permanent arrangement was necessary.

Another noteworthy feature of the year was the holding of a Health Week and Exhibition. This was a most successful venture, which it is hoped has stimulated the interest of the inhabitants of the Borough in Public Health matters, and that it will ultimately result in an improvement in the general health and conditions in the Borough.

The exhibits and lectures were of a high order and everyone did their utmost to make the Health Week worthy of the Borough.

During the early part of the year, whilst a site at the Corner of Red Cross and Union Streets was being excavated, a number of human remains was unearthed, skulls and limb bones predominating. They were found six feet below the surface, and descended to a depth of ten feet. These bones were of considerable antiquity and were those of persons from 25 years of age and upwards.

They were carefully placed and had undoubtedly been moved here at some former period from another part of the site and re-interred in this excavation and covered over at the time with a layer of lime concrete several inches in thickness, in which some of the skulls and bones were embedded, proving that the concrete had been put there for the definite purpose of covering them in. Wherever excavation was made bones were found, and the quantity actually brought to the surface would represent about forty persons, and a greater number still remain.

The site on which these bones were found is described on old maps of the district as the Crossbones Burial Ground, which was of considerable extent, and covered a larger area than the present vacant site.

A licence was applied for to the Home Office to remove the said remains, which was duly granted.

They were accordingly placed in wooden shells and re-interred in the Church of England Ground, Brookwood Cemetery.

Later in the year human remains from under the Wesleyan Chapel in Hankey Place were removed under licence of the Home Office by the London County Council, under my supervision, to the Camberwell New Cemetery at Honor Oak. The actual work was overlooked by Inspector Ede, who paid in all 52 visits to the chapel and saw every coffin or shell before removal. He also visited the cemetery.

The Vaults were below the entrances and chancel and were found to contain lead coffins from which the wood coffins had fallen away. In some cases the coffins had to be re-soldered.

The instructions of the Home Office were that each coffin should be put into a pitch pine shell and surrounded by four inches of charcoal, and these directions were carefully carried out.

Where possible, records were obtained of the names of those interred and dates of interment, which records are in the possession of the London County Council.

In all 372 exhumations were made.

The Housing question though still acute, shows definite signs of improvement, but years must elapse before overcrowding is finally a thing of the past. Overcrowding in this district, which has so few facilities for building, can only be overcome by deportation. The central position and amenities for travelling away from it to work are so great that residents naturally do not want to leave the Borough, and if they do, not infrequently return.

A further development of the Council's activities was the purchase of Sutherland House for the purpose of extending the Maternity and Child Welfare scheme, and at which premises the scope of the Maternity and Child Welfare work can be expanded. The Centres of St. Mary's and St. Paul's districts were transferred to these premises during the year.

In Southwark, with its wharves and warehouses, Borough Market, and colony of street traders, Food is naturally a question which calls for much attention and supervision, and a large amount of work is done in regard to this, which is set out in the body of the Report.

In addition to the supervision of imported foods there is also the question of the export of manufactured food products to foreign countries. Each country has its own regulations, but these products have to be examined by the Inspector and certified by myself before they can be admitted to a foreign country, and as I am appointed Certifying Officer for the U.S.A., Canada, Philippine Islands, Turkey, and other countries, the food products sent to these countries must be accompanied by a certificate signed by myself, and during the year £88 15s. 6d. has been received by the Council for such certificates.

An unusually high tide with an easterly wind caused severe flooding at the north end of the Borough, chiefly affecting the basement dwellings of the riverside houses. Fortunately no epidemic broke out, though considerable damage and inconvenience was inflicted on the inhabitants. The mere fact of flooding with water would not in itself cause sickness (other than that caused by dampness), but should drainage

be defective and the soil polluted with sewage such a contingency might easily occur.

Arrangements were made for the cleansing of affected premises and for drying the damaged goods and effects of the persons whose houses were flooded, and every assistance was given to them.

During the year 320 persons were medically examined with a view to employment as permanent or temporary members of the Council's Staff, and 35 employees were examined and reported on as a result of accident or illness. Fifty 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.

Detailed reports of the varied work undertaken by the Council's Public Health Department will be found under the various headings.

Yours faithfully,

HORACE WILSON,

Medical Officer of Health.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

Estimated population (1928)	..	..	..	..	..	181,300
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	..	..	..	..	..	£1,446,164
Sum represented by penny rate	..	..	..	..	..	£5,880

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	..	..	..	..	..	3,312
Illegitimate	..	..	..	..	..	164
Total	..	..	..	..	..	3,476

Birth Rate, 19.2

Deaths	..	..	..	..	..	2,310
--------	----	----	----	----	----	-------

Death Rate, 12.7

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

From sepsis	..	..	..	..	..	6
Other causes	..	..	..	..	..	5
Deaths of infants under 1 year of age per 1,000 births	..	..	..	..	..	70
Legitimate	..	..	..	..	..	225
Illegitimate	..	..	..	..	..	18
Total	..	..	..	..	..	243

Deaths from Measles (all ages)	..	..	..	..	72
Do. Whooping Cough (all ages)	..	..	..	..	26
Do. Diarrhoea under 2 years of age	..	..	..	..	28

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).

Boys' 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.

(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, have a day nursery accommodating 40 children, and All Hallows Mission, Union Street, have 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) ARTIFICIAL LIGHT TREATMENT.—The treatment of children from 1 to 5 years of age has been carried out at Guy's Hospital by arrangement with the Borough Council by which these children are treated at the cost of 1/- per sitting. I am in constant touch with the Hospital and the progress of the cases is watched and reported on by the Hospital from time to time.

The system is working well and a large proportion of the children have the maximum number of attendances to their credit, though there are others who for various domestic reasons do not attend a full course of sittings.

During the year 1928, there were 1,475 attendances and the number tends to increase. The result of treatment varies; it is, however, most beneficial in cases of rickets, but in other diseases less progress is made and the effect is not so lasting. The treatment, however, as a substitute for actual sunshine and fresh air has undoubted value.

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

(7) 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.

PUBLIC HEALTH OFFICERS TO WHOSE SALARY CONTRIBUTION IS MADE.

Horace Wilson, M.D., B.S., M.R.C.S., L.R.C.P., D.P.H., Medical Officer of Health.

C. Sims, M.D., Ch.B., D.P.H., Deputy Medical Officer of Health and Assistant Medical Officer of Health, Maternity and Child Welfare.

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

SANITARY INSPECTORS.

† || 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).	

HEALTH VISITORS.

† * a Jane Holland (Superintendent).	* a Florence Adair.
† * a Hilda Johnson.	† * a Mary Freeth.
a ¶ Annie Rogers.	† a Mary George.
† * a Clare Cottrill,	† * a Annie Kingsmill.
* a Winifred Sayer.	¶ * a Winifred Cleverley.
Helena Onions (From Jan. 11th to May 12th, 1928.)	

PART TIME OFFICERS.

Dorothy Shepherd, M.B., Ch.B., Maternity and Child Welfare Clinic.		
Arabella C. Stevens, M.B., B.Ch., B.A.O.	do.	do.

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.

|| Cert. Sanitary Inspector. † Meat and other Foods.

§ 1st Class Engineer (Board of Trade).

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

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.

Southwark being so well supplied with Maternity Wards in the General Hospitals (and Children's Hospitals), and in addition, having the General Lying-in Hospital extending its excellent work into the district, there is no need for the Borough to undertake a Maternity Home or Hospital for babies on its own account.

MATERNAL MORTALITY.

Maternal deaths are investigated by the Medical Officer of Health and reported on fully to the Maternal Mortality Committee of the Ministry of Health.

Puerperal Fever cases are sent direct to Hospital. Arrangements have been made for consultations in cases of Puerperal Fever or Puerperal Pyrexia where it is considered necessary with the obstetric physicians of Guy's Hospital, but during 1928 it was not necessary to enlist their services.

In the year 1928, childbirth was directly responsible for 11 deaths, but it is hoped by increasing our antenatal teaching and clinics to diminish this number in the future, although too much must not be expected of this, as the causes of maternal deaths cannot as a rule be foreseen, and are more frequently from post natal than antenatal reasons.

No midwives are employed by, or subsidised by, the Borough Council.

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

Drainage bye-laws.

Closing and filling up of cesspools and privies.

Removal and disposal of house and other refuse.

Removal of faecal and offensive matter by road.

Water closets, earth closets and privies.

Receptacles for dung.

Conveyance of carcasses of dead horses through streets.

Regulations as to Dairies, Cowsheds and Workshops.

Fish Curers.

Offensive trades.

Fried fish shops.

Dressers of fish skins.
 Dressers of fur skins.
 Rag and bone dealers.
 Underground dwellings.
 Bye-laws with respect to houses divided into separate tenements.
 Fouling of footway by dogs. (1929).

POPULATION.

The population of Southwark to the middle of 1928 has been estimated by the Registrar-General as 181,300. 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 and 1928, 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

The Ward distribution was as follows :—

TABLE 1.

WARD.	Area in Acres	Population.			Persons to the Acre.
		Males.	Females.	Total.	
St. Mary ..	127	10,996	11,278	22,274	175
St. Paul ..	133	9,047	9,780	18,827	142
St. Peter ..	90	8,192	8,768	16,960	188
St. John ..	85	9,068	9,738	18,806	221
Trinity ..	109	7,904	8,038	15,942	146
All Saints ..	89	10,156	10,885	21,041	237
St. Michael ..	93	9,891	10,012	19,903	214
St. Jude ..	97	6,258	7,265	13,523	139
St. George ..	98	8,468	8,836	17,304	177
Christchurch ..	77	4,084	3,916	8,000	104
St. Saviour ..	133	3,998	4,722	8,720	66
Whole Borough	1,131	88,062	93,238	181,300	160

BIRTHS.

The number of Births registered in the Borough during 1928 was 3,028, of which 1,553 were males, and 1,475 females. This represents a birth-rate of 16.7 per 1,000 inhabitants.

The number of births registered in the individual parishes was as follows :—Newington, 1,655 ; St. George the Martyr, 773 ; Christchurch and St. Saviour's, 600.

Of the 3,028 births registered in the Borough 226 were transferred away, the permanent residence of the parents being outside the Borough. 674 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 226 " outward " transfers are deducted

and the 674 "inward" transfers are added to the 3,028 births actually registered in the Borough, the net amount of births belonging to South-wark for the year is found to be 3,476. This gives a corrected birth-rate of 19.2.

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

		Newington.	St. George	St. Saviour and Christchurch.	Whole Borough.
1899	..	33.6	35.2	28.7	—
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

TABLE 2.
Number of Births and Deaths belonging to each Ward, with the Birth and Death Rates, also the Infantile Mortality Rate, 1928.

WARD.	Births.				Infantile Mortality.	Deaths.			
	Males.	Females.	Total.	Birth-rate.		Males.	Females.	Total.	Death-rate.
St. Mary	218	209	427	19.2	56	188	117	305	13.7
St. Paul	131	145	276	14.7	76	112	111	223	11.8
St. Peter	138	121	259	15.3	73	87	79	166	9.1
St. John	226	188	414	22.0	85	138	114	252	13.4
Trinity	159	143	302	18.9	63	121	91	212	13.3
All Saints	179	191	370	17.6	62	138	105	243	11.5
St. Michael . .	214	190	404	20.3	69	151	141	292	14.7
St. Jude	155	135	290	21.4	72	107	74	181	13.4
St. George . .	224	186	410	23.7	76	118	87	205	11.8
Christchurch ..	77	75	152	19.0	99	81	51	132	16.5
St. Saviour . .	93	79	172	19.7	41	51	48	99	11.4
Borough	1,814	1,662	3,476	19.2	70	1,292	1,018	2,310	12.7

DEATHS.

1,696 deaths were registered in the sub-districts of the Borough during 1928.

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

932 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 424 belonging to Southwark and 508 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 1,131.

When the 517 deaths of those persons who were non-parishioners but who died in our Borough, have been deducted, and the 1,131 “outlying” deaths added, the actual or “corrected” number of deaths belonging to the sanitary area is found to be 2,310 of which number 1,292 were males and 1,018 females.

The death-rate when calculated on this “corrected” number is 12.7 per 1,000 inhabitants for the whole Borough for the year 1928, as against a rate of 13.4 for 1927.

The percentage of persons dying away from Southwark in relation to the total number of deaths belonging to the Borough was 49.0.

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

Southwark Hospital	..	..	..	..	..	680
Mental Hospitals	..	..	..	..	..	62
Metropolitan Asylums Board Hospitals	..	..	..	..	..	54
St. Thomas's Hospital	..	..	..	..	..	44
Lambeth Hospital	..	..	..	..	..	23
Belgrave Hospital	..	..	..	..	..	7
King's College Hospital	..	..	..	..	..	20
Royal Waterloo Hospital	..	..	..	..	..	13
In the street, and other Institutions	..	..	..	..	..	228
Total	..	..	..	..	..	1131

TABLE 3.

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

		Newington.	St. George.	Christchurch and St. Saviour.	Whole Borough.
1899	..	24.0	27.7	25.1	—
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

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

WARD.	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
St. Mary ..	15.3	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
St. Paul ..	15.5	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
St. Peter ..	14.2	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
St. John ..	16.7	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
Trinity ..	19.6	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
All Saints ..	18.0	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
St. Michael ..	20.1	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
St. Jude ..	17.8	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
St. George ..	20.3	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
Christchurch ..	21.1	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
St. Saviour ..	20.2	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

TABLE 5.

Showing the number of Deaths that occurred in Public
Institutions in the Borough during the year 1928.

Institution.	In 1st Quarter.	In 2nd Quarter.	In 3rd Quarter.	In 4th Quarter.	During Year.
Newington Institution ..	84	59	47	52	242
Christchurch Institution	—	—	—	—	—
Evelina Hospital ..	24	15	21	11	71
Guy's Hospital	164	135	143	141	583
Bethlem Hospital ..	9	7	8	8	32
60, Lambeth Road .. (Catholic Nursing Home)	2	1	—	1	4
Royal Eye Hospital ..	—	—	—	—	—
Total	283	217	219	213	932

TABLE 6.
Births and Deaths Registered in the Sub-Districts of the Borough in 1928.

For the First Quarter of 13 weeks ending 31st March.					For the Second Quarter of 13 weeks ending 30th June.				
SUB-DISTRICTS.	Births.		Deaths.		SUB-DISTRICTS.	Births.		Deaths.	
	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.
Newington	222	235	126	122	Newington	211	214	109	77
St. George the Martyr, West ..	114	102	60	48	St. George the Martyr, West ..	112	103	45	33
Christchurch and St. Saviour ..	84	85	133	63	Christchurch and St. Saviour ..	71	60	92	65
Totals	420	422	319	233	Totals	394	377	246	175

For the Third Quarter of 13 weeks ending 29th September.					For the Fourth Quarter of 13 weeks ending 29th December.				
Newington	203	186	62	67	Newington	191	193	80	76
St. George the Martyr, West ..	98	92	27	41	St. George the Martyr, West ..	82	70	43	32
Christchurch and St. Saviour ..	68	76	65	65	Christchurch and St. Saviour ..	97	59	99	66
Totals	369	354	154	173	Totals	370	322	222	174

				Births.		Deaths.	
				M.	F.	M.	F.
In 1st Quarter	..	..	..	420	422	319	233
In 2nd Quarter	..	..	..	394	377	246	175
In 3rd Quarter	..	..	..	369	354	154	173
In 4th Quarter	..	..	..	370	322	222	174
Total	..	..	..	1553	1475	941	755

TABLE 7.
Deaths belonging to the Sanitary Area, with the Causes of Death at all Ages during 1928.

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	—	—	—	—	1	—	—	—	—	—	—	
(2) Small Pox	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—		
(3) Measles	72	15	37	17	3	—	—	—	—	—	4	—	6	8	8	12	9	9	4	4	3		
(4) Scarlet Fever	3	—	—	2	1	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—		
(5) Whooping Cough	26	11	10	5	—	—	—	—	—	—	4	—	2	4	2	4	2	4	1	1	—		
(6) Diphtheria	13	2	1	5	4	1	—	—	—	—	2	2	2	2	2	2	—	1	—	—	2		
(7) Influenza	29	1	1	—	1	—	5	10	9	2	4	4	4	3	2	3	5	—	1	1	4		
(8) Encephalitis Lethargica	2	—	—	—	—	1	1	—	—	—	—	—	—	2	—	—	—	—	—	—	3		
(9) Meningococcal Meningitis	3	1	—	—	1	1	—	—	—	—	—	1	—	—	1	1	—	—	—	—	7		
(10) Tuberculosis (Respv. System)	194	1	2	—	6	37	68	71	7	2	23	22	8	18	21	32	14	17	9	9	21		
(11) Other Tubercular Diseases	36	3	5	7	11	5	3	1	—	1	3	3	5	4	5	4	5	1	2	2	37		
(12) Cancer	252	—	—	—	—	—	17	135	71	29	33	27	22	28	24	26	25	20	23	11	13		
(13) Rheumatic Fever	9	—	—	—	4	3	1	1	—	—	1	1	—	—	1	1	1	3	—	1	6		
(14) Diabetes	19	—	—	—	—	1	—	10	5	3	2	2	2	2	1	4	3	2	—	1	—		
(15) Cerebral Hæmorrhage	86	—	—	—	—	—	—	27	28	31	7	7	7	9	8	7	10	4	12	9	6		
(16) Heart Disease	437	—	—	1	10	17	31	123	126	129	59	51	29	49	42	35	57	34	29	39	22		
(17) Arterio Sclerosis	97	—	—	—	—	—	1	18	27	51	19	15	6	14	11	11	6	10	2	2	1		
(18) Bronchitis	133	13	2	—	—	—	5	42	30	41	11	8	7	13	14	19	21	9	14	10	7		
(19) Pneumonia (all forms)...	191	43	20	11	2	3	29	34	36	13	24	13	14	18	14	28	25	18	17	12	8		
(20) Other Respiratory Diseases	27	3	2	—	—	—	4	11	5	2	7	1	2	3	3	4	2	1	3	—	1		
(21) Ulcer of Stomach & Duodenum	27	—	—	—	—	1	5	16	3	2	5	2	2	3	1	4	4	—	4	2	—		
(22) Diarrhœa	31	26	2	1	—	—	—	1	1	—	3	—	2	3	2	3	6	4	5	2	1		
(23) Appendicitis and Typhlitis	7	—	—	1	—	—	1	2	3	—	1	1	—	1	—	1	2	1	—	—	17		
(24) Cirrhosis of Liver	8	—	—	—	—	1	—	5	1	1	1	1	3	2	—	1	—	—	—	—	4		
(25) Acute and Chronic Nephritis...	97	1	—	—	—	2	18	34	26	16	12	8	4	9	8	13	12	6	11	6	8		
(26) Puerperal Sepsis	6	—	—	—	—	—	5	1	—	—	1	1	1	—	—	1	—	2	—	—	3		
(27) Other Accidents	5	—	—	—	—	1	4	—	—	—	—	2	—	—	—	—	2	1	—	—	3		
(28) Congenital Deb., &c. (Prem. Birth)	90	90	—	—	—	—	—	—	—	—	9	14	7	13	6	6	11	8	9	4	3		
(29) Suicide	22	—	—	—	—	2	6	8	4	2	3	1	1	4	1	2	1	3	3	2	1		
(30) Other Deaths from Violence	84	3	3	6	12	10	7	18	17	8	9	7	5	8	11	4	9	11	9	10	1		
(31) Other Defined Diseases	298	30	5	3	10	10	35	76	61	68	55	26	24	34	26	30	38	14	28	14	9		
(32) Ill-defined Causes	4	—	3	—	—	—	—	1	—	—	1	1	—	—	—	—	1	1	—	—	1		
Totals	2310	243	93	59	65	96	246	647	460	401	305	223	166	252	212	243	292	181	205	132	99		

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

The deaths of Infants under one year of age to 1,000 births were 70 during the year 1928.

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

1899	..	199	1914	..	123
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

The average number of Infantile deaths for the last thirty years is 119.

TABLE 8.
BOROUGH OF SOUTHWARK.
INFANT MORTALITY, 1928.

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	...	62	7	9	6	84	48	34	43	34	243
	Uncertified	...	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	...	...	—	—	—	—	—	—	—	8	7	15
Measles	...	...	—	—	—	—	—	1	—	1	—	2
Diphtheria	...	...	—	—	—	—	—	4	2	2	3	11
Whooping Cough	...	...	—	—	—	—	—	1	8	12	5	26
Diarrhœa	...	...	—	—	—	—	—	—	—	—	—	—
Enteritis	...	...	—	—	—	—	—	1	—	—	—	1
Influenza	...	...	—	—	—	—	—	—	—	—	1	1
Cerebro-Spinal Fever	...	...	—	—	—	—	—	—	—	—	—	—
Phthisis	...	...	—	—	—	—	—	—	1	—	2	3
Tuberculous Meningitis	...	...	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	...	...	—	—	—	—	—	—	—	—	—	—
Other Tuberculosis	...	...	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	...	...	8	—	—	—	8	7	2	—	—	17
Premature Birth	...	...	39	1	4	1	45	5	—	—	—	50
Atrophy, Debility and Marasmus	...	...	1	1	1	1	4	5	8	5	1	23
Atelectasis	...	...	4	—	—	—	4	—	—	—	—	4
Erysipelas	...	...	—	—	—	—	—	—	—	—	—	—
Syphilis	...	...	—	1	—	—	1	1	—	—	—	2
Rickets	...	...	—	—	—	—	—	—	—	—	—	—
Meningitis	...	...	—	—	—	—	—	—	—	—	1	1
Laryngitis	...	...	—	—	—	—	—	—	—	—	—	—
Convulsions	...	...	1	—	—	—	1	2	1	2	—	6
Gastritis	...	...	—	—	—	—	—	—	—	—	—	—
Intussusception	...	...	—	—	—	—	—	—	—	—	—	—
Dentition	...	...	—	—	—	—	—	—	—	—	—	—
Dermatitis	...	...	—	—	1	—	1	—	—	—	—	1
Bronchitis	...	...	2	1	2	—	5	5	1	—	2	13
Pneumonia	...	...	—	—	—	—	—	—	1	—	2	3
Broncho-Pneumonia	...	...	—	2	1	2	5	12	7	9	7	40
Pleuro-Pneumonia	...	...	—	—	—	—	—	—	—	—	—	—
Suffocation (overlying)	...	...	—	—	—	1	1	—	—	—	—	1
Accident (other)	...	...	—	—	—	—	—	—	—	—	1	1
Nephritis, Acute	...	...	—	—	—	—	—	—	—	—	—	—
Icterus Neonatorum	...	...	—	—	—	—	—	—	—	—	—	—
Septic Pyæmia	...	...	—	—	—	—	—	—	—	—	—	—
Otitis and Mastoiditis	...	...	—	—	—	—	—	—	—	—	—	—
Other causes not classified above	...	...	7	1	—	1	9	4	3	4	2	22
			62	7	9	6	84	48	34	43	34	243

Nett Births in the year	...	Legitimate	...	...	3,312
		Illegitimate	...	...	164
Nett Deaths in the year of	...	Legitimate Infants	...	...	225
		Illegitimate Infants	...	...	18

TABLE 9

Vital Statistics of Separate Localities in 1928 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.
1918...	18,924	376	476	39	16,692	282	368	38	15,629	369	340	34
1919...	21,048	470	332	41	18,592	385	270	25	17,419	390	197	19
1920...	21,892	624	358	56	19,338	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	396	282	34	17,502	326	210	29
1925...	23,154	440	298	35	19,561	363	248	21	17,619	329	210	27
1926...	23,119	417	283	34	19,532	399	235	30	17,592	308	217	14
1927...	22,598	373	304	25	19,100	360	243	18	17,204	272	186	20
Averages of Years 1918 to 1927	22,111	466	340	40	19,013	394	271	29	17,375	373	221	28
1928...	22,274	427	305	24	18,827	276	223	21	16,960	259	166	19

	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.
1918...	19,248	384	445	53	11,585	184	289	36	15,320	405	364	40
1919...	21,372	466	329	48	12,816	240	231	35	16,997	502	268	48
1920...	22,223	648	321	56	13,326	384	210	35	17,673	685	250	63
1921...	21,895	541	342	53	13,130	335	184	34	17,413	627	241	52
1922...	20,795	517	362	40	14,012	273	215	27	18,189	562	275	40
1923...	20,683	522	293	47	13,939	341	199	23	18,068	476	224	36
1924...	20,644	442	345	42	13,912	342	214	19	18,045	458	244	31
1925...	20,788	468	324	44	14,018	334	181	18	18,174	463	227	34
1926...	20,702	425	294	39	13,961	311	176	25	18,097	405	234	34
1927...	20,264	434	295	20	13,666	265	220	23	17,720	364	223	28
Averages of Years 1918 to 1927	20,861	484	335	44	13,436	300	211	27	17,569	494	255	40
1928...	19,903	404	292	28	13,523	290	181	21	17,304	410	205	13

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.
18,008	383	379	62	13,622	322	356	48	16,441	440	359	41
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
19,535	514	286	43	15,861	409	248	32	20,224	514	269	38
18,805	414	252	35	15,942	302	212	19	21,041	370	243	23

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.
8,113	118	204	17	8,386	187	177	21	—	—	—	—
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	—	—	—	—
8,607	183	147	15	9,174	194	120	15	—	—	—	—
8,000	152	132	15	8,720	172	99	7	—	—	—	—

TABLE 10.

Deaths in the Sanitary Area from the principal Zymotic Diseases in the various Wards for 1928.

WARD.				Cerebro-Spinal Fever.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.	Phthisis.	Pneumonia & Bronchitis.	Heart Disease.	Influenza.	Polio-Myelitis.	Encephalitis Lethargica.
St. Mary	..	..	..	—	4	1	2	4	1	3	23	35	59	4	—	—
St. Paul	..	..	..	1	2	—	2	—	—	—	22	21	51	4	—	—
St. Peter	..	..	..	—	6	1	2	2	—	2	8	21	29	4	—	—
St. John	..	..	..	—	6	—	2	4	—	3	18	31	49	3	—	2
Trinity	..	..	..	—	8	1	—	2	—	2	21	28	42	2	—	—
All Saints	..	..	..	1	8	—	2	4	—	3	21	47	35	3	—	—
St. Michael	..	..	..	1	12	—	2	2	—	6	32	46	57	2	—	—
St. Jude	..	..	..	—	9	—	—	2	—	4	14	27	34	5	—	—
St. George	..	..	..	—	9	—	1	4	—	5	17	31	29	—	—	—
Christchurch	..	..	..	—	4	—	—	1	—	2	9	22	30	1	—	—
St. Saviour	..	..	..	—	4	—	—	1	—	1	9	15	22	1	—	—
Borough	..	..	..	3	72	3	13	26	1	31	194	324	437	29	—	2

TABLE 11.

ZYMOTIC MORTALITY FOR THE SANITARY AREA, 1928.

Showing the localities where the deaths occurred.

Locality.	Smallpox.	Encephalitis Lethargica.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.	Cerebro- Spinal Fever.	Influenza.	Total.
The Borough	—	—	19	—	—	9	—	4	—	23	55
Southwark Hospital ..	—	—	16	—	1	9	—	10	—	3	39
Met. Asylums Board Hospitals	1	1	32	3	12	8	—	1	1	—	59
Newington Institution ..	—	1	—	—	—	—	—	—	—	1	2
Evelina Hospital ..	—	—	—	—	—	—	—	2	—	—	2
Guy's Hospital	—	—	—	—	—	—	—	8	1	1	10
St. Thomas's Hospital ..	—	—	—	—	—	—	—	4	—	—	4
Royal Waterloo Hospital	—	—	—	—	—	—	—	1	—	—	1
King's College Hospital	—	—	—	—	—	—	—	—	—	—	—
Various Mental Hospitals	—	—	1	—	—	—	—	—	—	1	2
Lambeth Hospital ..	—	—	1	—	—	—	—	—	—	—	1
Other Addresses ..	—	—	3	—	—	—	1	1	1	—	6
TOTAL	1	2	72	3	13	26	1	31	3	29	181

TABLE 12.

London and the Metropolitan Boroughs.

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

Boroughs.	Estimated Population, 1927.	Birth Rate.	Death Rate.	Infantile Mortality Rate.	Deaths from					
					Enteric Fever.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria.	Diarrhoea and Enteritis (under 2 years).
LONDON	4,541,000	15.9	11.6	67	45	1355	78	396	388	738
<i>West.</i>										
Paddington	142,700	15.3	12.8	84	1	71	4	12	6	22
Kensington	176,500	14.5	12.7	86	1	59	2	10	15	20
Hammersmith	132,800	17.0	11.4	67	—	23	3	5	5	29
Fulham	161,900	14.7	10.8	77	1	15	1	14	14	59
Chelsea	63,690	12.6	13.2	48	1	3	—	2	4	1
City of Westminster...	136,500	9.9	10.7	57	5	5	1	3	13	13
<i>North.</i>										
St. Marylebone	103,500	12.7	11.6	77	1	37	1	10	11	17
Hampstead	86,160	11.6	11.3	54	1	9	1	—	3	7
St. Pancras	212,800	15.5	12.1	79	1	125	1	24	12	46
Islington	334,300	17.4	12.3	64	2	158	8	24	22	66
Stoke Newington	52,130	14.9	11.8	59	—	7	—	5	1	2
Hackney	224,700	15.5	11.2	68	2	28	7	11	27	37
<i>Central.</i>										
Holborn	42,209	11.2	12.3	55	—	8	—	4	2	6
Finsbury	75,500	19.5	14.1	83	—	52	1	19	9	12
City of London	13,010	6.3	10.6	73	—	—	—	—	1	—
<i>East.</i>										
Shoreditch	105,700	19.8	12.8	76	—	59	3	4	13	24
Bethnal Green	117,900	18.1	11.0	73	—	44	2	11	9	33
Stepney	250,880	18.0	11.4	72	4	99	6	27	27	72
Poplar	167,000	19.3	11.3	71	3	57	2	17	24	42
<i>South.</i>										
Southwark (1928) Pop.	181,300	19.2	12.7	70	1	72	3	26	13	28
Bermondsey	121,000	18.8	12.4	78	1	87	4	28	16	15
Lambeth	307,700	16.3	11.7	61	3	61	6	37	23	33
Battersea	169,000	16.2	11.3	62	1	36	5	13	26	26
Wandsworth	342,700	13.5	10.8	50	4	37	3	10	15	31
Camberwell	271,000	15.3	11.2	61	2	105	4	27	21	35
Deptford	113,800	16.1	11.7	76	1	30	2	15	14	20
Greenwich	101,920	16.7	11.0	54	2	26	1	8	14	11
Lewisham	188,600	16.1	10.3	52	5	33	3	14	14	22
Woolwich	140,770	15.7	10.7	50	2	9	4	16	14	9

SANITARY WORK.

ST. MARY'S WARD.

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

Alberta Street, Berryfield Road, Borrett Road, Cavour Street, Clock Place, Manor Place, Marsland Road, Penton Place, St. Gabriel Street, Stopford Road, Suffield Road, Tarver Road.

ST. PAUL'S WARD.

Chapter Road, Chapter Terrace, Cook's Road, Frederick Road, Goschen Street, Grosvenor Terrace, Horsman Street, St. Paul's Road, Sturgeon Road.

ST. PETER'S DISTRICT.

Aycliffe House, Blewitt Street, Boyson Road, Faraday Street, Inville Road, Mann Street, Merrow Street, Portland Street, Runham Street, Villa Street, Westmoreland Road.

ST. JOHN'S DISTRICT.

Ash Street, Deacon Street, Eltham Street, Gurney Street, Henshaw Street, Ladysmith Dwellings, Sayer Street, Weymouth Dwellings.

TRINITY WARD.

Avonmouth Street, Causeway Place, Deverell Street, Nebraska Street, Parel Place, Rockingham Street, Tabard Street.

ALL SAINTS' DISTRICT.

Akers Street, Alvey House, Barlow Street, Beckway Street, Darwin Street, East Street, Elsted Street, Flint Street, Flora Terrace, Hemp Row, Henshaw Street, High Park Crescent, Huntsman Street, Osborne Street, Rossett Place, Salisbury Row, Sandringham Buildings, Surrey Grove.

ST. MICHAEL'S WARD.

Aster Place, Bittern Street, Clenham Street, Dodson Street, Friar Street, Gable Cottages, Gilbert Buildings, Goodwin Buildings, Gray Street, Ilfracombe Buildings, Lant Street, Library Mansions, Little Suffolk Street, Little Surrey Street, Marshall Buildings, Milcote Street, Monarch Buildings, Nelson Place, Priory Buildings, Quilp Street, St. George's Buildings, St. George's Mansions, Sturge Street, Sussex House, Toulmin Street, Tower Street, Westminster Bridge Road.

ST. JUDE'S WARD.

Brook Street, Burman Street, Hayles Buildings, Lambeth Road, London Road, St. George's Buildings, Southwark Bridge Road.

ST. GEORGE'S WARD.

Cardol Place, Chapel Court, Chaucer House, Crosslet Street, Devonshire House, Harbledown House, Lansdowne Place, Law Street, McBean's Buildings, Madron Street, Mermaid Court, Mina Road, Prioress Street, Rochester House, Westcott Street.

CHRISTCHURCH WARD.

Bear Lane, Boddy's Bridge, Burrell Street, Charles Street, Dolben Street, Nelson House, Scoresby Street, Stamford Street, Surrey Row, Upper Ground Place, Union Street.

ST. SAVIOUR'S WARD.

Elizabeth Place, Emerson Place, Emerson Street, Great Guildford Street, Ladd's Court, Mander Place, Mowbray Buildings, Moss Alley, Noah's Ark Alley, Peabody Buildings, Skin Market Place, Stanhope Buildings, Taylor's Yard, Townsend Yard, White Hind Alley.

TABLE 13.

**Summary of Original Inspections, etc., made under the
Housing Acts during the Year, 1928.**

WARD or DISTRICT.	Housing.		Houses Let in Lodgings.	
	Number of In- spections.	Number of Re-In- spections.	Number of In- spections.	Number of Re-In- spections.
St. Mary (Mr. Syme)	250	600	50	182
St. Paul (Mr. Mayhew)	177	386	18	93
St. Peter (Mr. Banham)	95	298	24	123
St. John (Mr. White)	53	125	45	197
Trinity (Mr. Findley)	391	1396	26	135
All Saints (Mr. Steele)	212	927	40	272
St. Michael (Mr. Hattersley)	368	1284	103	231
St. Michael (Mr. Hattersley)	1	1	—	—
St. Jude (Mr. Bryant)	155	949	18	39
St. George (Mr. Ede)	277	791	36	254
Christchurch No. 2 (Mr. Bowers)	62	197	45	62
St. Saviour No. 2 (Mr. Bowers)	69	309	5	25
	2110	7263	410	1613

Summary of Original Inspections, etc., made

Ward or District.	Complaints. Including houses in which deaths have occurred.)			House to House.		
	Number of Inspections made.	Number of Drains tested.	Number of Reinspections made.	Number of Inspections made.	Number of Drains tested.	Number of Reinspections made.
St. Mary ..	836	1	1999	637	—	1914
(Mr. Syms)						
St. Paul ..	725	29	2316	273	1	543
(Mr. Mayhew)						
St. Peter ..	474	10	1400	726	—	1203
(Mr. Banham)						
St. John ..	800	20	1711	241	—	435
(Mr. White)						
Trinity ..	691	3	2633	70	1	558
(Mr. Findley)						
All Saints ..	689	6	2500	443	1	1282
(Mr. Steele)						
St. Michael ..	554	34	1720	506	1	1452
(Mr. Hattersley)						
St. Michael ..	27	3	8	—	—	—
(Mr. Hattersley)						
St. Jude ..	671	53	2666	392	1	846
(Mr. Bryant)						
St. George ..	845	45	2701	218	—	633
(Mr. Ede)						
Christchurch No. 1	—	—	—	—	—	—
(Mr. Fisher and Mr. Duffield)						
Christchurch No. 2	216	1	509	126	—	273
(Mr. Bowers)						
St. Saviour No. 1	—	—	—	—	—	—
(Mr. Fisher and Mr. Duffield)						
St. Saviour No. 2	192	1	479	285	—	563
(Mr. Bowers)						
Women's Wkshps.	—	—	—	—	—	—
(Miss Burrows)						
Bakehouses, &c. ..	—	—	—	—	—	—
(Mr. Nicholson)						
Slaughterhouses ..	—	—	—	—	—	—
(Mr. Fisher and Mr. Duffield)						
Total ..	6720	206	20642	3917	5	9702

Mr. Fisher supervised the wharves and landing places in the Borough, during the year in relation to the

* 1,607 of these were inspections of

in the several Wards during the year 1928.

Principal Infectious Diseases.			Factories, Workshops Workplaces and Outworkers.		Number of Original Inspections made daily.	Number of Reinspections made daily.
Number of Inspections made.	Number of Drains tested.	Number of Reinspections made.	Number of Inspections made.	Number of Reinspections made.		
146	5	194	132	33	7.2	17.3
107	83	286	167	88	5.1	13.0
99	53	135	120	36	5.4	11.2
153	53	191	143	96	5.0	9.7
75	25	281	311	337	5.5	18.7
149	133	296	131	84	5.8	18.8
110	65	196	354	112	7.2	17.6
25	7	6	—	—		
95	79	268	278	190	5.6	17.4
127	59	263	184	76	5.9	16.6
—	—	—	—	—	—	—
39	30	52	186	41	2.4	3.9
—	—	—	—	—	—	—
56	44	61	266	83	3.1	5.3
—	—	—	*2447	960	8.6	3.4
—	—	—	2283	—	—	—
—	—	—	96	—	—	—
1181	636	2229	7098	2136	—	—

and also the Borough Market, making a large number of inspections. food dealt with at those places. public conveniences for women.

TABLE 15.

Summary of Sanitary Works Completed under the Public Health Act during the year 1928.

WARD OR DISTRICT.	Intimation Notices served.	Statutory Notices served.	Sanitary Works completed.	Drain reconstructed.	Drain repaired.	Drain Intercepted and Ventilated.	Drain Unstopped.	Gullies provided.	Soilpipe provided or repaired.	Close provided.	Close Pan and Trap.	Water apparatus repaired.
St. Mary .. (Mr. Syms)	1121	480	1142	27	23	16	47	14	21	9	106	95
St. Paul's .. (Mr. Mayhew)	675	390	777	15	35	12	24	14	5	10	36	101
St. Peter's .. (Mr. Banham)	697	358	745	22	14	18	9	18	6	7	58	82
St. John's .. (Mr. White)	703	328	680	8	26	9	17	13	4	3	44	70
Trinity .. (Mr. Findley)	741	524	924	32	53	19	76	42	7	30	104	135
All Saints' .. (Mr. Steele)	900	270	950	12	26	7	42	47	3	5	50	111
St. Michael's .. (Mr. Hattersley)	730	335	834	8	22	6	46	2	3	8	72	78
St. Michael's .. (Mr. Hattersley)	18	—	12	—	1	—	—	—	—	—	1	1
St. Jude's .. (Mr. Bryant)	836	351	818	32	53	16	86	33	29	27	59	204
St. George's .. (Mr. Ede)	764	333	821	11	20	4	34	10	30	23	76	114
Christchurch No. 2 .. (Mr. Bowers)	228	187	244	5	8	—	7	2	3	8	13	28
St. Saviour's No. 2 .. (Mr. Bowers)	240	209	285	3	3	1	4	1	2	1	4	14
Women's Workshops .. (Miss Burrows)	48	20	46	—	—	—	4	—	—	2	9	36
Milkshops, &c. .. (Mr. Nicholson)	43	—	39	—	1	—	2	—	—	1	—	1
Meat Regulations .. (Mr. Duffield)	7	—	7	—	—	—	1	—	—	—	—	—
Total ..	7751	3785	8324	175	285	108	399	196	113	134	632	1070

Sink, Lav. and Waste Pipes.	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.
70	35	2	—	—	372	46	51	1842	5	9	—	161	4	455
32	46	1	—	—	330	59	126	1035	1	—	—	158	3	463
79	69	1	12	1	309	44	68	1526	8	1	—	153	—	608
59	28	—	—	—	230	45	30	1058	1	—	—	99	1	333
97	80	10	17	—	522	149	143	1381	25	1	—	127	14	725
26	64	—	1	—	475	90	81	1045	—	—	—	206	2	588
35	56	1	1	—	247	60	50	1443	2	—	3	125	—	295
—	—	—	—	—	1	—	—	4	—	—	—	—	—	5
114	105	1	—	—	374	121	44	1249	10	7	9	156	4	827
87	37	—	—	—	273	52	65	1411	—	—	—	143	—	494
14	9	—	—	—	73	13	4	487	—	—	—	31	1	114
5	10	—	—	—	66	11	5	601	1	—	—	30	—	168
1	3	—	—	—	6	—	1	164	—	1	—	4	2	88
2	—	—	—	—	2	5	—	54	—	—	1	20	—	23
—	—	—	—	—	2	9	—	44	—	—	—	5	—	30
621	542	16	31	1	3282	704	668	13344	53	19	13	1418	31	5216

TABLE 16.

Sanitary Works completed under the Housing Acts during the year 1928.

WARD OR DISTRICT.	HOUSING											ACTS.							HOUSES LET IN LODGINGS.											
	Intimation Notices served.	Statutory Notices served.	Works completed.		Chimney flues repaired.	Brickwork and Pointing repaired.	Window Reveals and Sills.	Window Sash repaired.	New Sash Lines.	Doors and Woodwork repd.	Stair Treads and Risers repaired.	Handrail and Balusters repaired.	Floors repaired.	Provision of ventilated food Storage.	Plaster repaired.	Stove and Fireplace repaired.	Copper repaired.	Stone Steps repaired.	Skylight repaired and new Cords.	Intimation Notices served.	Statutory Notices served.	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.	General.
St. Mary's... (Mr. Syms)	240	—	276	13	13	12	43	231	46	7	23	39	—	114	67	19	15	1	41	—	—	—	—	—	—	—	—	—	318	11
St. Paul's... (Mr. Mayhew)	173	—	164	4	35	44	102	58	58	7	8	23	—	1	49	5	7	1	12	—	—	—	—	—	—	—	—	—	61	5
St. Peter's... (Mr. Banham)	93	—	122	9	27	35	23	43	30	10	17	21	—	33	61	12	7	1	14	—	—	—	—	—	—	—	—	—	112	—
St. John's... (Mr. White)	52	—	49	3	4	22	21	8	44	2	—	14	—	3	42	11	1	1	40	—	—	—	—	—	—	—	—	—	186	—
Trinity... (Mr. Findley)	384	—	424	79	75	105	128	158	135	63	30	130	2	169	147	71	18	9	28	—	—	—	—	—	—	—	—	—	95	—
All Saints' (Mr. Steele)	210	—	207	26	16	14	42	32	30	13	13	39	3	14	103	33	1	—	29	—	—	—	—	—	—	—	—	—	117	—
St. Michael's... (Mr. Hattersley)	368	—	366	24	10	23	232	87	116	102	10	80	1	8	171	49	9	—	78	—	—	—	—	—	—	—	—	—	189	—
St. Michael's... (Mr. Hattersley)	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Jude's... (Mr. Bryant)	155	—	202	35	32	36	108	226	72	80	48	98	—	90	82	28	15	8	11	—	—	—	—	—	—	—	—	—	24	—
St. George's... (Mr. Ede)	277	—	192	5	—	1	44	122	43	15	25	86	—	—	137	52	—	—	29	—	—	—	—	—	—	—	—	—	195	—
Christchurch No. 2 (Mr. Bowers)	62	—	50	1	2	—	14	10	11	11	1	12	—	22	15	3	1	—	38	—	—	—	—	—	—	—	—	—	209	—
St. Saviour's No. 2 (Mr. Bowers)	69	—	61	1	5	4	8	13	8	7	6	15	4	14	39	6	1	—	4	—	—	—	—	—	—	—	—	—	13	—
Total	2085	—	2113	200	219	296	765	988	593	317	181	557	10	468	913	289	75	21	324	—	—	—	—	—	—	—	—	—	1519	16

PROCEEDINGS TAKEN UNDER THE PUBLIC HEALTH AND OTHER ACTS.

22 summonses were taken out during the year 1928, 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 17.

	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	3	1	1	1	5	2	6	—	—	—	22

The above summonses had reference to the following :—

Ordinary Nuisances	20
Nuisance caused by Animals	1
Closing Order (Housing Act)	1
	—
	22
	—

TABLE 18.

These proceedings resulted as follows :—

Summonses withdrawn (with costs), the Council's requirements having been complied with ..	18
Magistrates' Orders made with costs	3
Closing Order Made	1
	—
Total	22
	—

TABLE 19.
Proceedings taken under the Public Health and Other Acts.

Defendant.	Cause of Proceedings.	Result.
G. O. Davies, Marlborough Road, Wealdstone.	Neglecting to amend defective roof at 5, Friar Place.	Summons withdrawn, work done, with 10/6 costs.
Kate Fowles, 37, Northfield Road, N.	Neglecting to amend defective roof at 88, East Street.	Ordered to do work within 14 days, with £1 1s. 0d. costs; in consequence of Mrs. Fowle's disobedience to this Order she was compelled to pay a further 9/-.
John Ray, 104, St. George's Road, S.E.	Neglecting to amend defective roof, and to cleanse the dirty premises at 5, Sutherland Street.	This Summons was heard on the 24th November, 1927, when Mr. Ray was ordered to do the work within 14 days, with 10/6 costs; in consequence of Mr. Ray's disobedience to this Order he was fined £1 with £2 2s. 0d. costs.
E. J. Springate, Pollard Road, Mitcham	Neglecting to amend defective drain at 83, Carter Street.	Summons withdrawn, work done, with 10/6 costs.
Messrs. Dickins & Son, 3/4, George Street, Croydon.	Neglecting to provide suitable means of ventilation to the ground floor front room at 62, Morecambe Street.	Summons withdrawn, work done, with 10/6 costs.

TABLE 19.

Defendant.	Cause of Proceedings.	Result.
Mrs. G. Cottrell, 11, Horsall Road, Highbury.	Neglecting to unstop choked drain, and to cleanse dirty rooms at 17, Alberta Street.	Ordered to do work within 14 days, with £1 1s. 0d. costs.
Stewart M. Brace, 7, King's Terrace, Chingford.	Neglecting to amend defective roof gutters, and to cleanse verminous rooms at 43, Tarn Street.	Summons withdrawn, work done, with 10/6 costs.
Henry Warman, 497, Commercial Road, E.	Neglecting to disconnect rain-water pipe from sewer at 63, Pocock Street.	Summons withdrawn, work done, with 13/6 costs.
R. L. W. Spurrett, 7, Hopwood Street, S.E.17.	Neglecting to provide a sufficient ash-pit at 2, Hopwood Street.	Summons withdrawn, ash-pit pro- vided with 10/6 costs.
R. L. W. Spurrett, 7, Hopwood Street, S.E.17.	Neglecting to abate nuisance caused by damp- ness at 2, Hopwood Street.	Summons withdrawn, nuisance abated, with 10/6 costs.
William Abbott, 25, Gale Street, Bow, E.	Neglecting to unstop choked drain at 4, Amery Place.	Summons withdrawn, work done, with 10/6 costs.
William Abbott, 25, Gale Street, Bow, E.	Neglecting to amend defective water closet, roof, and sink waste pipe at 4, Amery Place.	Ordered to do work within 7 days, with £1 1s. 0d. costs.

TABLE 19.

Defendant.	Cause of Proceedings.	Result.
William Good, 7, Sedgemoor Place, Camberwell.	Neglecting to amend defective roof gutter, and top floor back ceiling at 7, Horsman Street.	Summons withdrawn, work done, with 10/6 costs.
R. Holliday, 28, Lower Kennington Lane, S.E.11.	Neglecting to amend defective water closet hinges, and door fastenings at 18, Barbel Street.	Summons withdrawn, work done, with 10/6 costs.
R. Holliday, 28, Lower Kennington Lane, S.E.11.	Neglecting to amend defective drain, roof and rain-pipe at 22, Barbel Street.	The owner, Mr. Gough Cook paid £20 towards the cost of repairing these drains. The summonses were accordingly withdrawn.
R. Holliday, 28, Lower Kennington Lane, S.E.11.	Neglecting to amend defective drain, and to abate nuisance caused by dampness at 24, Barbel Street.	
R. Holliday, 28, Lower Kennington Lane, S.E.11.	Neglecting to amend defective roofs, paving and yard door sill at 32, Barbel Street.	Summons withdrawn, work done, with 10/6 costs.
S. Bounds, 4, Gaza Street, S.E.	Neglecting to amend defective roof, and abate nuisance caused by dampness at 6, Gaza Street.	Ordered to do work within 14 days, with 10/6 costs.
S. Bounds, 4, Gaza Street, S.E.	Neglecting to abate nuisance caused by damp- ness at 8, Gaza Street.	Ordered to do work within 14 days, with 10/6 costs.

TABLE 19.

Defendant.	Cause of Proceedings.	Result.
Mrs. Thurley, 101, Faraday Street, S.E.	Neglecting to abate nuisance, caused by the keeping of cats at 101, Faraday Street.	Ordered to abate nuisance within 14 days, with £1 1s. 0d. costs; in consequence of Mrs. Thurley's disobedience to the Order, she was fined 10/- and £1 1s. 0d. costs.
John Phillips Mead, 2, King's Bench Walk, E.C.	Neglecting to amend defective ventilating shaft to drain, roof gutters, and to cleanse dirty scullery and lobby walls at 7, Colnbrook Street.	Summons withdrawn, work done, with £1 3s. 0d. costs.
Walter James Nash, 88, Borough Road, S.E.1.	Notice of a Closing Order under the Housing Act, 1925, prohibiting the use of a certain room at 88, Borough Road, as a sleeping place contrary to the provisions of the said Act.	Closing Order made for compliance by the Magistrate.

SMOKE ABATEMENT.

There is not, on the whole, a great amount of pollution from local factories or works. The chief cause can be attributed to the use of coal fires for heating purposes in the numerous tenements and small dwellings, and as this Borough is built on low-lying land there is a tendency to an increase of fog, which causes much of the bronchial troubles so prevalent in the district, and increases the heavy mortality from this type of case.

Southwark lies to the south and south-west of the most smoky districts of London, and with a north-east wind it gets its share of their pollution also.

BLACK SMOKE.

During the year 1928, three complaints were received at the Public Health Office from persons other than the Council's Inspectors.

TABLE 20.

Showing the Number of Observations, etc., in regard to Smoke Nuisances made by the several Ward Inspectors during 1928.

	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	1	—	—	6	1	—	—	—	2	1	—	11
Number of nuisances observed ...	—	—	—	3	1	—	—	—	1	1	—	6
No. of Intimation Notices served ...	—	—	—	1	1	—	—	—	—	1	—	3
No. of Statutory Notices served ...	—	—	—	—	—	—	—	—	—	1	—	1
No. of Summonses taken out ...	—	—	—	—	—	—	—	—	—	—	—	—

During the year 1927, three complaints were received at the Public Health Office, 4 observations were made, and two nuisances were observed.

HOUSES LET IN LODGINGS.

Under the definition of Houses Let in Lodgings, so many of our houses are included, that it is a work of time to get a Register to cover all the ground, but progress is being made by including the most obvious cases as they occur.

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 1928.

St. Mary	37	St. Michael	59
„ Paul	19	„ Jude	16
„ Peter	33	„ George	56
„ John	22	Christchurch & St. Saviour	60
Trinity	13		—
All Saints	36	Total	351

TABLE 21.

Factories, Workshops, Laundries, Workplaces and Homework.

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

Premises.	Number.		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries)	421	78	—
Workshops (including Workshop Laundries)	564	97	—
Workplaces	5651	323	—
Homeworkers' Premises (including Out-workers)	361	3	—
Total	6997	501	—

2.—Defects Found.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
*Nuisances under the Public Health Acts :—				
Want of Cleanliness	296	302	—	—
Want of Ventilation	29	20	—	—
Overcrowding	2	2	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	424	458	—	—
Sanitary accommodations :				
Insufficient	1	1	—	—
Unsuitable or defective	43	41	—	—
Not separate for sexes	4	4	—	—
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground bakehouse (S. 101)	—	—	—	—
Breach of special sanitary requirements for bakehouses (SS. 97-100)	—	—	—	—
Other offences	92	92	—	—
Total	891	920	—	—

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

TABLE 22.

3.—Home Work.

Nature of Work.	Outworkers' Lists, Section 107.								Number of Inspections of Outworkers' Premises.	Outwork in Unwholesome Premises, S. 108.			Outwork in Infected Premises, Sections 109-10.		
	Lists received from Employers.				Nos. of Addresses of Outworkers received from other Councils.	Nos. of Addresses of Outworkers forwarded to other Councils.	Prosecutions.			Instances.	Notices served.	Prosecutions.	Instances.	Orders made. (S. 110).	Prosecutions. (Ss. 109-10).
	Twice in the year.		Once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.							
	Lists.	Outworkers	Lists.	Outworkers											
Wearing Apparel—															
(1) Making, &c. . .	78	70	73	74	382	309	—	—	275	13	1	—	—	—	—
(2) Cleaning and washing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lace, lace curtains and nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Furniture and Upholstery	1	2	1	2	2	1	—	—	4	—	—	—	—	—	—
Fur pulling	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Umbrellas	—	—	—	—	7	—	—	—	7	1	1	—	—	—	—
Paper Bags and Boxes . .	8	22	8	21	14	11	—	—	29	5	1	—	—	—	—
Brushmaking	8	9	8	11	—	5	—	—	9	1	1	—	—	—	—
Stuffed Toys	1	6	1	4	—	3	—	—	6	—	—	—	—	—	—
File making	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electro Plate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cables and Chains . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anchor and Grapnels . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cart Gear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Locks, Latches and Keys . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous	7	18	8	16	15	32	—	—	31	4	1	—	—	—	—
TOTAL	103	127	99	128	420	361	—	—	361	24	5	—	—	—	—

TABLE 23.

4.—Registered Workshops.

Workshops, Workplaces, &c., on the Register (S. 131) at the end of the year.	Number.
Bakehouses	102
Factory Bakehouses	5
Eating-houses and places where food is prepared for sale	342
Ice Cream Shops	150
Laundries	34
Dressmakers, Milliners, &c.	24
Tailoring	22
Brushmakers	9
Miscellaneous	1918
Total number of Workshops, Workplaces, &c., on Register ...	2606

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	45
Reports (of action taken) sent to H.M. Inspectors ...	23
Other... ..	—
Underground Bakehouses (S. 101) :—	
Certificates granted during the year	—
In use at end of the year	24

TABLE 24.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Summary showing investigations and inspections made during the year 1928.

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.	Breakback Traps Set.	Cats or Dogs.	Ferrets.				
St. Mary ..	37	40	52	556	25	2478	149	888	1	—	14	2	—	11
St. Paul ..	46	60	14	507	41	1875	100	418	6	—	18	12	—	3
St. Peter ..	36	39	13	129	15	580	44	155	8	—	15	4	—	1
St. John ..	68	70	35	504	42	1720	66	445	7	—	20	5	—	1
Trinity ..	42	40	96	360	55	1273	59	373	6	—	44	2	—	36
All Saints ..	48	55	113	606	52	2064	33	529	15	—	34	3	—	5
St. Michael ..	48	55	22	222	30	890	48	182	4	—	25	8	—	7
St. Jude ..	78	65	211	200	45	631	11	137	2	—	29	5	2	22
St. George ..	45	46	20	209	31	567	15	158	1	—	23	7	1	1
Christchurch..	33	25	22	166	18	760	34	236	—	—	10	2	—	3
St. Saviour ..	20	17	29	241	15	1333	25	387	—	—	4	1	—	2
TOTAL ..	501	512	627	3700	369	14171	584	3908	50	—	236	51	3	92

Number of Rats destroyed .. 1827

Number of Mice destroyed .. 127

CUSTOMS AND INLAND REVENUE ACT, 1890.

No Certificate for exemption from Inhabited House Duty was granted during the year 1928.

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 12, Carlyle House (12 tenements)	The Lansdowne Building Co., 15/17, Lansdowne Rd., S.W.8.
Officers' Quarters, Salvation Army Hostel, Blackfriars Road.	Messrs. H. & J. Taylor, 177, Lewisham Road, S.E.13.
1a to 1b, Horsley Street	Messrs. J. Marsland & Son,
42a to 42f, Queen's Row (12 tenements)	56, South Molton Street, W.1.

WATER SUPPLIES TO TENEMENT HOUSES.

London County Council (General Powers) Act, 1907.

16 additional water supplies were provided to houses during the year, 1928.

Cleansing of Verminous Rooms and their Contents.

During the year 1928 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 1927. I append a table showing the number of notices served upon the owners or occupiers of the several premises in question, and the number of verminous rooms 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 25.
Verminous Rooms Cleansed.

WARD OR DISTRICT.	No. of Intima- tion Notices served.	No. of Statutory Notices served.	Police Court pro- ceedings taken.	Verminous rooms treated.	
				(a) by Owners of Premises.	(b) by the Council's Disinfect- ing Staff.
St. Mary	47	26	—	59	63
St. Paul	62	31	—	70	53
St. Peter	24	11	—	39	11
St. John	34	16	—	76	38
Trinity	102	60	1	139	155
All Saints	28	6	—	36	62
St. Michael	33	11	—	50	81
St. Jude	75	31	—	100	66
St. George	49	25	—	64	36
Christchurch	9	8	—	21	25
St. Saviour	14	10	—	16	49
TOTAL	477	235	1	*670	639

* Note.—These 670 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 1928.

TABLE 26.

Address.	Male.	Female.	Total.
3, Quilp Street	7	—	7
76, Blackfriars Road	4	—	4
12, Marshalsea Road	2	—	2
Salvation Army Shelter, Blackfriars Road	497	—	497
90, Camberwell Road	25	—	25
7, Dorrit Street	—	24	24
86, Gravel Lane	7	—	7
12, Gray Street	17	—	17
56, Newington Causeway	16	—	16
Rowton House	89	—	89
St. Olave Chambers	73	—	73
112, Southwark Bridge Road	30	—	30
128, Walworth Road	3	—	3
78, Camberwell Road	—	2	2
12, Lombard Street	—	14	14
Morning Post Home, New Kent Road ..	4	—	4
8, Great Charlotte Street	11	—	11
52, Lambeth Road	—	4	4
19, Belvedere Crescent	—	—	—
Other addresses	69	30	99
	—	—	—
Total	854	74	928

TABLE 27.

Showing the Number and Sex of Verminous or Scabious Children treated at the Council's Station, King James Street, during 1928, and the Schools from which they were sent.

These 3,191 Children received 5,307 Baths during 1928.

Name of School.	Verminous.		Scabious.		Total.
	Boys.	Girls.	Boys.	Girls.	
Archbishop Sumner	—	10	—	—	10
Addington Street	21	36	2	—	59
All Saints	3	46	—	1	50
Archbishop Temple	—	—	—	—	—
Archbishop Tenison	—	—	—	—	—
Archbishop Tait	—	3	2	2	7
Blackfriars	11	98	—	2	111
Beresford Street	—	—	—	—	—
Charles Dickens	26	106	—	—	132
Christchurch	2	55	—	—	57
Crampton Street	19	53	3	7	82
English Martyrs	11	78	—	1	90
Faunce Street	—	—	—	—	—
Flint Street	5	45	—	1	51
Heygate Street	2	9	—	—	11
Holy Trinity	9	20	—	—	29
Harper Street	21	74	—	—	95
Hatfield Street	18	69	—	—	87
Holland Street	3	46	—	—	49
Johanna Street	61	159	3	2	225
John Ruskin	22	23	1	—	46
King and Queen Street	27	114	2	3	146
Lollard Street	—	4	2	1	7
Mina Road	1	—	—	—	1
Michael Faraday	8	30	—	—	38
Newcomen Foundation	—	13	—	—	13
Orange Street	20	89	—	—	109
Penrose Street	32	70	2	1	105
Friar Street	9	144	4	4	161
Rockingham Street	28	103	—	2	133
St. George's R.C.	20	68	—	1	89
Carried forward	379	1565	21	28	1993

Name of School.	Verminous.		Scabious.		Total.
	Boys.	Girls.	Boys.	Girls.	
Brought forward ..	379	1565	21	28	1993
St. George's, Earl Street ..	10	48	3	1	62
Sayer Street	25	114	5	1	145
St. Saviour's	6	32	—	1	39
St. Agnes	—	—	—	—	—
St. Paul's, Sutherland Square	4	24	1	3	32
Surrey Square	1	—	—	—	1
Sandford Row	5	39	—	—	44
Stowey House	2	2	1	4	9
St. John's, Larcom Street ..	3	9	—	4	16
St. Patrick's	4	40	—	—	44
St. John's, Waterloo Road ..	9	45	1	—	55
St. Alban's	10	14	—	2	26
St. Andrew's	7	31	—	—	38
St. Mary, Newington ..	23	140	6	2	171
St. Jude's	3	11	1	1	16
St. Joseph's	19	99	—	6	124
St. Mary, Lambeth	—	—	—	—	—
St. Peter's	5	3	—	—	8
St. Phillip's	—	—	—	—	—
Victory Place	6	42	2	4	54
Westminster Bridge Road ..	23	72	—	—	95
Walnut Tree Walk	2	5	2	—	9
West Square	5	19	—	—	24
Waterloo Road	14	95	4	—	113
Westmoreland Road ..	11	40	1	2	54
Webber Street	—	4	—	1	5
Boundary Lane	—	—	—	—	—
Other Schools	—	9	1	4	14
Totals	576	2502	49	64	3191

TABLE 28.

Verminous Bedding, etc., Disinfected at the Council's Stations during 1928.

Articles.	Disinfected.	Destroyed.
Beds	194	—
Palliasses	98	—
Bolsters and Pillows	203	—
Cushions	81	—
Blankets	778	—
Sheets	842	—
Quilts	58	—
Articles of Clothing, &c.	17,432	—
Total	19,686	—

VERMINOUS PERSONS CLEANSED DURING 1928.

During the year 4,119 persons were cleansed at the station in King James Street. Of these under our agreement with the London County Council, were 3,191 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.

928 adults sent from the various common lodging houses and other places in our borough were cleansed during the year, as against 1,067 dealt with under the provisions of the Cleansing of Persons Act, 1897, in 1927.

MORTUARIES.

TABLE 29.

During the year 426 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	174	16	190
Bodies brought in for convenience	7	224	231
Bodies brought in in cases where death had occurred from Infectious Disease	4	1	5
Total	185	241	426

HOUSING.

During the year 1928, the number of houses granted to families from Southwark by the London County Council amounted to 133, they were distributed as follows :—

Downham	59	Barnes	6
Hendon	39	Tottenham	1
Becontree	27	Tabard Street	1

The Hatfield Street and Paris Gardens district which I represented in 1926, is being proceeded with, and the slum area thereon has been cleared, alternative accommodation having been provided for the tenants by the London County Council.

The scheme for the clearance of a considerable area in Hard Street and Townley Street was put forward, and progress was made during the year concerning the preliminary steps.

TABLE 30.

9.—HOUSING.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b))	24
(b) With State assistance under the Housing Acts :	
(i) By the Local Authority	—
(ii) By other bodies or persons	24

1. *Unfit Dwelling Houses* :—

Inspection—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	14,338
(2) Number of dwelling houses which were inspected and recorded under the Housing Consolidated Regulations, 1925	3,917
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(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	9,349

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

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers.. .. .	2,113
--	-------

3. *Action under Statutory Powers* :—

A. Proceedings under Section 3 of the Housing Act, 1925 :—	Nil
(1) Number of dwelling houses in respect of which Notices were served requiring repairs	Served during 1927
(2) Number of dwelling houses which were rendered fit after service of formal Notices—	5
(a) by Owners	5
(b) by Local Authority in default of owners	Nil

TABLE 30—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.. .. .	5,545
(2) Number of dwelling houses in which defects were remedied after service of formal notices :	
(a) by owners	6,180
(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	1
(2) Number of dwelling houses in respect of which Closing Orders were made	1
(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 Sec. 18 of the Housing Act 1925 :—	
(1) Closing Order made prohibiting the use of an underground room as a sleeping place ..	1

TABLE 31.

**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	123	46	438	330	45	39	62	28	98	64	20	1293

SLAUGHTERHOUSES.

The supervision of the various Slaughterhouses was carried out during the year, and 298 oxen and 2,019 sheep 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

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

Each Slaughterhouse was limewashed every three months during the year.

EXAMINATION OF FOOD.

TABLE 32.

Showing the quantity of Foodstuffs found unsound during the year 1928 by the several Inspectors throughout the Borough.
The amount shown in this table is in addition to the total shown in Table 33.

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owner		Seized by Inspector.		Remarks.
	Quantity.	Weight	Quantity.	Weight.	Quantity.	Weight.	
Apples	116 cases ..	T. C. Q. L. 2 4 2 20	116 cases ..	T. C. Q. L. 2 4 2 20	—	T. C. Q. L. —	Destroyed at the Council's Depot.
Bacon	11 cases, 21 pieces	— 16 2 20	11 cases, 21 pieces	— 16 2 20	—	—	11 cwts. were released for soap boiling, and 5 cwts. 2 qrs. 20 lbs. were destroyed at the Council's Depot.
Bananas	30 crates ..	— 15 0 0	30 crates ..	— 15 0 0	—	—	Destroyed at Council's Depot.
Beef	13 pieces, 11 clods	— 5 2 27	13 pieces, 11 clods	— 5 2 27	—	—	4 cwts. 4 lbs. were destroyed at the Council's Depot, and 1 cwt. 2 qrs. 23 lbs. were released for soap boiling.
Beef Cubes ..	A quantity ..	2 9 3 0	A quantity ..	2 9 3 0	—	—	Destroyed at the Council's Depot.
Beef Extract ..	A quantity ..	3 0 1 19	A quantity ..	3 0 1 19	—	—	Destroyed at the Council's Depot.
Beef Powder ..	A quantity ..	10 16 0 7	A quantity ..	10 16 0 7	—	—	Destroyed at the Council's Depot.
Beef, tinned ..	69 tins ..	— 3 2 11	69 tins ..	— 3 2 11	—	—	Destroyed at the Council's Depot.
Carrots	39 half-bags ..	1 0 0 0	39 half-bags ..	1 0 0 0	—	—	Destroyed at the Council's Depot.
Cherries	19 chips ..	— — 3 11	19 chips ..	— — 3 11	—	—	Destroyed at the Council's Depot.
Chocolates ..	8 boxes ..	— — — 7	8 boxes ..	— — — 7	—	—	Destroyed at the Council's Depot.
Condensed Milk ..	3 cases, etc. ..	— 1 3 5	3 cases, etc. ..	— 1 3 5	—	—	Destroyed at the Council's Depot.
Cream, canned ..	5 cases ..	— 2 0 24	5 cases ..	— 2 0 24	—	—	Destroyed at the Council's Depot.
Figs	3 boxes ..	— — — 6	3 boxes ..	— — — 6	—	—	Destroyed on premises where found.
Fruit, tinned ..	7 cases ..	— 4 3 0	7 cases ..	— 4 3 0	—	—	Destroyed at the Council's Depot.
Haddocks	1 box ..	— — 2 0	1 box ..	— — 2 0	—	—	Destroyed at the Council's Depot.
Hams, tinned ..	2 tins ..	— — — 27	2 tins ..	— — — 27	—	—	Destroyed on premises where found.
Carried forward		22 2 1 16		22 2 1 16			

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owner.	
	Quantity.	Weight.	Quantity.	Weight.
		T. C. Q. L.		T. C. Q. L.
Brought forward ..		22 2 1 16		22 2 1 16
Heads, Pigs ..	4,380 heads ..	21 14 1 18	4,380 heads ..	21 14 1 18
Herrings ..	1½ boxes ..	- 1 2 0	1½ boxes ..	- 1 2 0
Kippers ..	3 boxes ..	- - 2 0	3 boxes ..	- - 2 0
Mussels ..	1 bag ..	- 1 0 0	1 bag ..	- 1 0 0
Mutton ..	1 piece ..	- - - 7	1 piece ..	- - - 7
Offal ..	..	- 2 3 25	..	- 2 3 25
Oranges ..	1 box ..	- 1 0 0	1 box ..	- 1 0 0
Pears ..	29 barrels ..	- 5 1 12	29 barrels ..	- 5 1 12
Pineapple ..	14 cases ..	- 4 0 0	14 cases ..	- 4 0 0
Plaice ..	2 boxes ..	- - 3 5	2 boxes ..	- - 3 5
Plums, preserved ..	1 case ..	- - 3 12	1 case ..	- - 3 12
Pork ..	376 carcasses, etc.	21 6 0 3	376 carcasses, etc.	21 6 0 3
Potatoes ..	17 bags ..	- 17 0 0	17 bags ..	- 17 0 0
Roes, Herrings ..	14 boxes ..	- 7 2 6	14 boxes ..	- 7 2 6
Shallots ..	32 bags ..	- 16 0 0	32 bags ..	- 16 0 0
Skate ..	1 box ..	- - 2 14	1 box ..	- - 2 14
Tomatoes ..	145 bundles ..	2 11 0 14	145 bundles ..	2 11 0 14
Tomatoes, tinned ..	2 cases ..	- 1 0 8	2 cases ..	- 1 0 8
Turnips ..	20 half-bags ..	- 10 0 0	20 half-bags ..	- 10 0 0
Veal ..	1 calf ..	- - 1 15	1 calf ..	- - 1 15
	Total ..	71 4 2 15		71 4 2 15

Seized by Inspector.		Remarks.
Quantity.	Weight.	
	T. C. Q. L.	
—	—	21 tons 14 cwts. 1 qr. 8 lbs. were released for soap boiling and 10 lbs. were destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed on premises where found.
—	—	2 cwts. 3 qrs. 22 lbs. were destroyed at the Council's Depot and 3 lbs. were released for soap boiling.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	21 tons 5 cwts. 2 qrs. 11 lbs. were released for soap boiling, and 1 qr. 20 lbs. were destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed on premises where found.
—	—	Destroyed at the Council's Depot.
—	—	Destroyed at the Council's Depot.
—	—	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.
Apricots, tinned	893 cases	23	11	3	6	2	10	1	12
Apricots, dried	504 boxes	8	12	2	11	2	2	1	11
Apples, dried	151 cases	3	0	2	0	—	—	—	—
Apples	424 cases	10	19	1	16	—	11	1	12
Apricot pulp	60 cases	3	0	0	0	—	—	—	—
Apricots	312 crates	3	5	3	14	—	10	2	24
Asparagus, tinned ..	286 cases	5	14	0	0	—	2	0	16
Apples, tinned	448 cases	5	18	1	6	—	2	2	8
Beef	1,507 quarters, etc.	147	1	0	6	—	—	3	14
Beef, tinned	3,641 cases, etc. ..	99	5	0	22	11	4	3	12
Bacon	4,146 bales, etc. ..	515	6	3	24	—	1	0	20
Butter	3,164 cases	66	19	2	24	—	—	—	—
Beef, salted	16 casks	3	9	3	20	—	—	—	—
Blackcurrants, tinned	76 cases	2	0	2	24	—	—	—	—
Blackcurrants	50 crates	—	9	3	8	—	—	—	—
Condensed Milk	4,877 cases, etc. ..	89	13	0	22	33	11	2	2
Cereals	A quantity	17	5	2	25	16	1	0	9
Crab, tinned	249 cases	5	5	3	8	—	—	—	—
Cheese	259 crates, etc. ..	26	1	1	0	—	3	0	0
Cherries, tinned	171 cases	4	11	2	12	—	—	—	—
Currants	121 boxes	1	19	1	0	—	—	—	—
Casings, sheep	3 kegs	—	4	2	0	—	4	2	0
Casings, ox	28 casks, etc. ..	6	8	0	0	—	—	—	—
Casings, hog	7 casks	—	14	0	0	—	—	—	—
Cherries, glazed	40 boxes	—	5	0	0	—	—	—	—
Ducks	236 boxes	3	19	1	0	—	—	—	—
Dates	518 cases	9	17	1	12	—	—	—	—
Dripping	36 tierces	10	16	0	0	—	—	—	—
Eggs	47 cases	4	14	0	0	1	0	0	0
Egg liquid	100 casks	15	0	0	0	—	—	—	—
	Carried forward ..	1095	10	3	8	68	6	2	0

33.

during the year 1928, 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) Re-lease.	
Yes	—	11	—	Destroyed at the Council's Depot.
Yes	—	1	1	15 cwt. released for export and 2 tons 2 cwts. 1 qr. 11 lbs. were released for re-conditioning.
—	—	—	—	—
Yes	—	1	—	Destroyed on premises where found.
—	—	—	—	—
Yes	—	7	—	Destroyed on premises where found.
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	3	—	2 qrs. were released to the Smithfield Animal Products Company, and 1 qr. 14 lbs. were released for soap boiling.
Yes	—	32	2	6 tons 7 cwts. 3 qrs. 4 lbs. were destroyed at the Council's Depot, and 4 tons 17 cwts. 8 lbs. were released for cattle food and soap boiling.
Yes	—	1	—	3 qrs. 24 lbs. were released for soap boiling, and 24 lbs. were destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	40	—	26 tons 19 cwts. 3 qrs. 10 lbs. were released for pig and poultry feeding, and 6 tons 11 cwts. 2 qrs. 20 lbs. were destroyed at the Council's Depot.
Yes	—	—	—	Released for pig feeding.
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	—	—	Destroyed at the Council's Depot.
—	—	—	—	—
100	3			

Foodstuffs.	Quantity and Weight Examined.		Weight found to be unsound.			
	Quantity.	Weight.				
		T. C. Q. L.	T. C. Q. L.			
Egg liquid, frozen ..	Brought forward ..	1095 10 3 8	68 6 2 0			
	5,652 tins, etc.* ..	1276 10 1 2	177 11 3 10			
Fowls	603 cases, etc. ..	48 19 3 25	— — 3 20			
Fruit, tinned ..	1,354 cases ..	33 2 0 24	4 4 3 24			
Fruit salad, dried ..	2,832 cases ..	19 12 3 4	— — — —			
Flour	300 bags ..	13 4 1 4	— — — —			
Figs	45 bags ..	— 12 1 0	— — — —			
Gooseberries, tinned ..	85 cases ..	2 5 2 4	— — — —			
Game	44 cases ..	2 4 0 0	— — — —			
Grape fruit, tinned ..	45 cases ..	1 3 2 8	— — — —			
Hams	1,097 boxes ..	256 14 2 0	1 5 0 0			
Heads, pigs ..	11 casks ..	2 1 0 0	— — — —			
Herrings, tinned ..	36 cases ..	— 15 1 20	— — — —			
Hams, tinned ..	6 boxes, etc. ..	3 3 0 14	— 1 0 14			
Hares	100 crates ..	2 11 3 4	— — — —			
Ice Cream mixture ..	8 cases ..	— 3 1 20	— 3 1 20			
Jam pulp	156 cases ..	4 2 2 0	— — — —			
Jam, tinned ..	190 tins ..	— 18 3 20	— 2 3 12			
Lard	883 boxes ..	22 4 2 0	— — — —			
Lobster, tinned ..	38 cases ..	1 0 1 12	— — — —			
Loganberries, tinned ..	267 cases ..	7 3 3 16	— 8 0 0			
Mutton	Carcases, etc. ..	1554 12 3 22	66 19 0 0			
Mutton, tinned ..	80 cases ..	2 11 1 20	— — — —			
Mince meat	10 kegs ..	— 2 3 22	— 2 3 22			
Nuts, assorted ..	234 bags ..	11 10 0 18	— — — —			
Offal	6,188 bags, etc. ..	243 1 0 22	96 15 2 18			
Onions	1,600 bags ..	77 10 0 0	66 3 0 0			
Peaches, tinned ..	896 cases ..	25 0 2 4	3 9 2 16			
Pears, tinned ..	613 cases ..	16 10 0 0	— — — —			
Pineapple, tinned ..	1,115 cases ..	29 9 0 26	1 13 2 2			
Prunes	2,506 cases ..	39 0 1 21	9 8 2 2			
Pork	125 cases, etc. ..	16 12 0 16	— 5 1 6			
Peaches, dried ..	95 boxes ..	1 8 1 9	— — — —			
Plums, tinned ..	162 cases ..	4 6 3 4	— — — —			
Prunes, tinned ..	84 cases ..	2 4 0 4	— 12 3 12			
Pork and beans, tinned	136 cases ..	2 18 1 4	— — — —			
	Carried forward ..	4821 3 2 12	497 15 0 10			

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De-tention.	(b) Re-lease.	
Yes	—	100 3	3 2	1,169* tons under "stop" from 1927. Of this amount 991 tons 15 cwts. 2 qrs. 18 lbs. were found to be sound, 177 tons 4 cwts. 1 qr. 10 lbs. were released for leather dressing, and 7 cwts. 2 qrs. were released for pig feeding.
Yes	—	—	—	1 qr. 8 lbs. were released for soap boiling and 2 qrs. 12 lbs. were destroyed on premises where found. Destroyed at the Council's Depot.
Yes	—	8	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Released for soap boiling.
—	—	—	—	—
Yes	—	—	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	7	24	Released for animal food and technical purposes.
—	—	—	—	—
Yes	—	2	—	Destroyed on premises where found.
—	—	—	—	—
Yes	—	5	12	96 tons 13 cwts. 12 lbs. were released for soap boiling, and 2 cwts 2 qrs. 6 lbs. were destroyed at the Council's Depot.
Yes	—	1	1	Destroyed on premises where found.
Yes	—	7	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	5	1	Destroyed at the Council's Depot.
Yes	—	6	4	Destroyed at the Council's Depot.
Yes	—	1	1	Released for soap boiling.
—	—	—	—	—
—	—	—	—	—
Yes	—	2	—	Destroyed at the Council's Depot.
—	—	—	—	—
		151	48	

Foodstuffs.	Quantity and Weight Examined.				Weight found to be unsound.				
	Quantity.	Weight.							
		T.	C.	Q.	L.	T.	C.	Q.	L.
	Brought forward ..	4821	3	2	12	497	15	0	10
Pig's feet	10 casks, etc. ..	1	0	0	0	—	—	—	—
Plums	3 baskets ..	—	—	2	16	—	—	2	16
Raisins	381 boxes ..	7	2	0	1	—	—	—	—
Rabbits	839 crates ..	21	13	2	16	—	4	1	4
Raspberries, tinned ..	216 cases ..	5	14	2	4	—	—	—	—
Salmon, tinned ..	1,510 cases ..	31	14	0	16	2	14	3	2
Soup, tinned ..	35 cases ..	—	12	0	12	—	12	0	12
Sardines, tinned ..	192 cases ..	3	17	1	23	—	—	—	—
Sultanas	225 boxes ..	3	6	1	18	—	—	—	—
Swedish bread ..	44 cases ..	—	11	0	0	—	11	0	0
Strawberries, tinned ..	40 cases ..	1	1	1	20	—	—	—	—
Spinach, tinned ..	26 cases ..	—	14	1	4	—	—	—	—
Tongues, tinned ..	917 cases, etc. ..	34	5	3	24	—	10	1	4
Tallow	337 casks ..	62	8	0	0	31	12	0	0
Tripe, tinned	138 cases ..	2	16	1	4	—	3	1	20
Turkeys	102 cases, etc. ..	3	15	0	12	—	16	3	24
Tongues, ox	40 boxes, etc. ..	1	19	3	12	—	—	—	—
Tomatoes, tinned ..	351 cases ..	9	8	0	4	—	12	1	8
Tongues, sheep ..	441 bags ..	13	1	1	0	—	—	—	—
Veal	50 carcasses, etc. ..	22	16	0	0	—	—	—	—
Walnuts	35 boxes ..	—	17	2	0	—	—	—	—
Total ..		5050	0	1	2	535	12	3	16

CASEOUS LYMPHADENITIS

During 1928 the above disease was still found to exist in large of carcasses were examined than was necessary in 1927. The amount assumed that more careful supervision is being exercised before these

Surrendered by Owner.	Seized by Inspector.	Notices served.		How unsound portion disposed of.
		(a) De-tention.	(b) Re-lease.	
—	—	151	48	—
Yes	—	—	—	Destroyed on premises where found.
—	—	—	—	—
Yes	—	1	—	Released for soap boiling.
—	—	—	—	—
Yes	—	19	—	Destroyed at the Council's Depot.
Yes	—	7	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
—	—	—	—	—
Yes	—	3	1	Destroyed at the Council's Depot.
Yes	—	2	—	Released for export. 30 tons 16 cwts. still under "stop."
Yes	—	1	—	Destroyed at the Council's Depot.
Yes	—	1	1	Released for soap boiling.
—	—	—	—	—
—	—	—	—	—
—	—	2	2	—
—	—	1	1	—
—	—	190	58	—

IN SHEEP.

quantities of mutton imported from abroad. A much larger number of disease, however, was less in proportion, from which it may be carcasses are shipped to this country.

TABLE 34.

Inspections of Food at Wharves, Markets, and other places where Food is stored, and the action taken by the officials during the year 1928.

INSPECTION OF WHARVES, &c.					FOOD EXAMINED, &c.						
WARD OR DISTRICT.	Inspection of Wharves and Ware- houses.	Inspection of Markets.	Inspection 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.	Sum- monses taken out.
St. Mary's	—	237	57	294	343	—	—	2	—	—	—
St. Paul's	10	—	16	26	38	—	—	1	—	—	—
St. Peter's	—	1183	136	1319	1407	—	—	2	—	—	—
St. John's	—	382	8	390	392	—	—	4	—	—	—
Trinity	—	24	34	58	63	—	—	4	—	—	—
All Saints'	—	1	2	3	4	—	—	—	—	—	—
St. Michael's	10	622	14	646	650	—	—	4	—	—	—
St. Jude's	—	79	16	95	89	—	—	1	—	—	—
St. George's	5	523	3	531	557	—	—	1	—	—	—
Christchurch	498	68	1	567	867	4	2	21	—	—	—
St. Saviour's	600	—	—	600	978	—	—	201	—	—	—
By M.O.H.	—	—	—	—	—	—	—	—	—	—	—
Brought to Town Hall..	—	—	11	11	11	—	—	10	—	—	—
TOTAL ..	1123	3119	298	4540	5399	4	2	251	—	—	—

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

At the end of the year 1927 the number of milksellers on the Registers were as follows :—

Retail	..	..	357 names	..	348 premises
Wholesale	..	..	39 "	..	39 "

During the year 1928, 62 applications respecting 62 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.
62	62	55	55	—	—	62	62

The sale of milk was started afresh at	..	..	19 premises
The sale of milk was discontinued at	..	..	12 "
Total number of Milksellers on Retail Register at end of 1928..	364		
Total number of Milksellers' premises	"	"	.. 355

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 newly started during				1928 at ..	1 premises
Do.	do.	discontinued at	..	3 "	

Total number of Wholesale Milk sellers on Register at end of 1928..	37
Total number of Wholesale Premises ..	37

There are two premises licensed to bottle "Grade A (Tuberculin Tested)" milk, and at these premises two samples of "Grade A (Tuberculin Tested)" milk were procured and submitted to the Public Analyst for Bacteriological examination. One of these samples did not comply with the requirements of the Order.

Total number of Licences to sell graded Milk	31
viz. :—Certified ..	5 premises.
Grade A (TT) 11 ..	"
Grade A .. 3 ..	"
Pasteurised .. 9 ..	"
Supplementary 2 ..	" (Certified & Grade A (TT)).

LICENCES TO SELL "GRADED" MILK.

During the year 31 applications to sell "graded" milk were received from various firms, as under :—

- (1) Two applications from the Express Dairy Company, Ltd., of 26, Tavistock Place, W.C.1, to sell (a) "Certified" and (b) "Grade A (Tuberculin Tested)" milk at or from

No. 12, St. George's Road, Southwark.

- (2) Seventeen 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.

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

No. 62, Borough High St. No. 207, Newington Butts.
 „ 64, Camberwell Road. „ 91, Southwark Bridge Rd.
 „ 262, East Street. „ 18, Villa Street.
 „ 1/3, New Street. „ 38, Westmoreland Road.

- (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 Mrs. M. E. Jones, of 16, Pilgrimage Street to bottle and sell "Grade A (Tuberculin Tested)" milk at or from her premises :
No. 16, Pilgrimage 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.

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 31 licences applied for were accordingly issued by the Council.

MILKSELLERS.

1,783 inspections of the various milkshops, dairies, etc., were made. The following nuisances were discovered, in respect to which 9 intimation notices were served :—

Dirty condition of walls	7 cases
Dirty condition of ceilings	7 cases
Dirty condition of floors	2 cases
Defective paving	1 case
Defective utensils	2 cases
Defective ceiling	1 case
Total	20 cases

Of the 355 Retail Milk sellers' premises, 292 are Dairies. In 52, milk is sold in containers, as received by the seller, and in 11 the milk is sold for consumption on the premises only.

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, etc., which have been visited from time to time, but no specimens were taken during 1928 for analysis.

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.

Eleven inspections of these premises were made during the year. No nuisance was discovered.

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 449 inspections were made of the various bakehouses and factories.

The following defects were discovered and 33 intimation notices were served in order to obtain the abatement of the nuisances complained of :—

Dirty ceilings	21 cases
Dirty walls	21 cases
Dirty floors	1 case
Food or flour store dirty	8 cases
Dirty dressing room	2 cases
Defective walls	2 cases
Defective floors	4 cases
Food improperly stored	1 case
Defective ceilings	3 cases
Dog in bakehouse	1 case
Other insanitary conditions	28 cases
Total	92 cases

All the above-mentioned nuisances were remedied.

Each bakehouse was limewashed or the walls washed as required.

PARTICULARS OF BAKEHOUSES.

Position.		Good.	Fair.	Not satisfactory.	Not in use.	Totals.
Above ground	..	11	33	3	14	61
Underground	..	11	16	1	8	36
Factories	..	3	2	—	—	5
Totals	..	25	51	4	22	102

One Bakehouse was demolished during the year.

BUTTER AND MARGARINE FACTORIES, &c.

14 Inspections of the Butter Factories were made, and 1 intimation notice was served "To unstop drain."

The cleansing was carried out as required.

25 Samples of Butter were procured and submitted to the Public Analyst for analysis. 3 were certified to be "Not genuine."

25 Inspections were made of Wholesale Dealers in Margarine, and the list brought up to date.

Two new Dealers were registered.

TOTAL INSPECTIONS DURING 1928.

Premises.	No. of Inspections.	Notices. Intimation. Statutory.	
Milkshops	1783	9	—
Bakehouses	449	33	—
Tripe Boilers	4	—	—
Fat Melters	6	—	—
Butter Factories	14	1	—
Skin Dresser	1	—	—
Wholesale Dealers in Margarine	25	—	—
Total	2282	43	—

SALE OF FOOD AND DRUGS ACTS.

During the year ending December 29th, 1,354 "official" samples were taken by the Inspector.

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

TABLE 35.

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	155	130	143	136	120	127	143	109	152	79	60	1354

27 of these samples were certified as adulterated a percentage of 2.0. Compared with the previous year, the percentage is the same.

Particulars of the samples taken together with the results of the analyses are given in Table 37.

POLICE COURT PROCEEDINGS TAKEN UNDER THE FOOD AND DRUGS ACTS.

9 summonses were taken out during the year 1928. The following table shows the number of Summonses in each ward :—

TABLE 36.

**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	—	—	3	1	2	—	—	2	1	—	—	9

The proceedings taken before the Magistrates resulted as follows :—

	Summonses.
Convictions obtained on	4
Dismissed on payment of costs	5
	—
Total	<u>9</u>

FOOD AND DRUGS ACTS.

TABLE 37.

Return of Official Samples for the Year ending 29th December, 1928, showing the number taken, and the percentage of adulterated Samples for the year.

Article.	Number of Samples taken.	Adulterated.
Milk	504	3
Ground Ginger	1	—
Flour	1	—
Tea Dust	2	—
Coffee	7	—
Alum	1	—
Bismuth	2	—
Cocoa	19	—
Sugar	55	—
Butter	126	11
Margarine	96	—
Dripping	32	1
Lard	58	—
Cooking Fat	1	—
Beef Suet and Flour	5	—
Cake	11	—
Cheese	6	—
Self-raising Flour	39	—
Pea Soup Flour	13	1
Gofa	1	—
Cornflour	10	—
Bun Flour	6	—
Rice	29	—
Tapioca	26	—
Oatmeal	4	—
Carraway Seeds	1	—
Sago	2	—
Pearl Barley	22	1
Arrowroot	4	—
Rolled Oats	5	—
Crushed Linseed	6	1
Mixed Spice	3	—
Soup	2	—
Dough Nuts	1	—
Prepared Groats	1	—
Milk Pudding	2	—
Borax	1	—
Celery Salt	1	—
Carried forward	1106	18

Percentage of adulterated samples for the year—2.0.

Article.							Number of Samples taken.	Adulterated.
Brought forward	..	..	..	..	..	..	1325	26
Quinine	..	..	..	..	..	..	1	—
Raisins	..	..	..	..	..	..	8	1
Sultanas	..	..	..	..	..	..	3	—
Fruit Salad	..	..	..	..	..	..	1	—
Candied Peel	..	..	..	..	..	..	1	—
Glycerine	..	..	..	..	..	..	1	—
Condensed Milk, Sweetened (Machine Skimmed)	..	..	..	..	..	..	2	—
Apricots	..	..	..	..	..	..	1	—
Mixed Fruits	..	..	..	..	..	..	2	—
Ground Mace	..	..	..	..	..	..	1	—
Currants	..	..	..	..	..	..	2	—
Port	..	..	..	..	..	..	3	—
Sherry	..	..	..	..	..	..	1	—
Ginger Wine	..	..	..	..	..	..	1	—
Roast Pork and Stuffing	..	..	..	..	..	..	1	—
Total							1,354	27

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923 and 1927.

2 samples have been purchased under the above Regulations during the year and submitted to the Public Analyst, who certified them as genuine.

PUBLIC HEALTH (DRIED MILK) REGULATIONS, 1923 and 1927.

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

INFORMAL SAMPLES.

In addition to the samples taken under the Food and Drugs Acts as shown in (Table 37) 578 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 38.

Article.	No. of Samples pur- chased by Agents.	Result of Analysis.		Percentage of Adulterated Samples.
		Genuine.	Adulterated.	
Butter	287	267	20	7.0
Milk	135	127	8	5.9
Vinegar	114	114	—	—
Sausages	6	4	2	33.3
Brawn	25	23	2	8.0
Beer	6	6	—	—
Cyder	2	2	—	—
Ginger Beer ..	3	3	—	—
Total ..	578	546	32	5.5

TABLE 39.

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.
Walter James Wilcox, 190, Old Kent Road.	Butter 1,129	30 per cent foreign fat and boracic compounds.	Fined £25 and £5 5s. 0d. costs.
Rosa Zeigermacher, 143, East Street.	Milk 9	8 per cent deficient in milk fat	Ordered to pay £1 1s. 0d. costs.
Frank Holman, 11/13, Camberwell Road.	Sausages 673	300 parts per 1,000,000 sulphur dioxide.	Fined 10/- and 10/6 costs.
Frank Holman, 11/13, Camberwell Road.	Breakfast Sausage 674	90 parts per 1,000,000 sulphur dioxide.	Fined 5/- and 10/6 costs.
Frank Holman, 11/13, Camberwell Road.	Brawn 675	70 parts per 1,000,000 sulphur dioxide.	Fined 20/- and £1 1s. 0d. costs.
James William Howe, 27, Austral Street.	Rum 844	37 degrees under proof.	Ordered to pay £2 2s. 0d. costs.
Rebecca Mills, 56, West Square.	Gin 848	40 degrees under proof.	Ordered to pay £2 2s. 0d. costs.
H. C. Hay & Co., 16, Great Dover Street.	} Margarine	Found in Butter Factory.	Summonses dismissed under the First Offenders' Act, with £10 10s. 0d. costs.
H. C. Hay & Co., 16, Great Dover Street.			

INFECTIOUS DISEASE.

GENERAL.—All homes are visited by a Sanitary Inspector and an Enquiry Officer, who arranges for isolation or Hospital treatment, and investigates the possible source of infection, and deals with the schools and contacts.

The year 1928 was not a good one in Southwark as regards Infectious Disease, for in addition to an outbreak of Smallpox in which 19 people were attacked, with one death, there was a considerable rise in incidence and mortality from Measles and Scarlet Fever, likewise Summer Diarrhoea. Diphtheria the most prevalent disease in the district showed a slight decline.

Southwark is so situated as to be peculiarly liable to have infectious disease brought into the Borough, as tramway and omnibus services from all the suburbs or crowded districts have to pass through it, converging to the Elephant and Castle, before again diverging to cross the various bridges in order to reach their ultimate destination.

Again a very large proportion of our poorer inhabitants go annually to the hop fields, where they frequently contract some infectious complaint.

Further information as to the prevalence of infectious diseases will be found under each heading.

SMALLPOX.

There were 19 cases of Smallpox notified during 1928. A small outbreak of this disease occurred in the early part of the year which apparently broke out in the wards of Southwark Hospital. As a result 19 cases were notified with one death, the type was mild on the whole. Eight cases directly occurred in Southwark Hospital and a cleaner from the hospital spread the disease in Chaucer House, Tabard Street, 5 cases being notified from these buildings. Two cases occurred in Rowton House, one in Newington Institution, and one in St. Olave Chambers. One contracted the disease while hopping, and the cause of the other was untraced.

All infected premises were disinfected and vaccination offered to all contacts.

The epidemic died down during the summer months.

SCARLET FEVER.

It will be seen by the accompanying table that Scarlet Fever was more prevalent in our district during the year under consideration than since 1925. 133 more cases being notified.

The Dick Test has not been utilised.

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

			<i>Notified.</i>	<i>Deaths.</i>
1924..	..	..	534	10
1925..	..	..	741	8
1926..	..	..	519	3
1927..	..	..	540	1
1928..	..	..	673	3

DIPHTHERIA.

There was a diminution of notified cases amounting to 106 during the year under consideration.

Antitoxin is supplied free of charge, and 34 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 :—

				<i>Notified.</i>	<i>Deaths.</i>
1924	..	..	..	791	49
1925	..	..	..	905	31
1926	..	..	..	945	32
1927	..	..	..	774	21
1928	..	..	..	668	13

In regard to the Schick Test I submitted a report to the Council in November, 1927, which was printed in my Annual Report for that year. In November, 1928, I submitted a further report in which was embodied a scheme for the establishment of a centre for immunisation against Diphtheria, which scheme was approved and adopted by the Borough Council, and forwarded to the Ministry of Health for their sanction and approval.

The scheme as submitted was as follows :—

“ I beg to submit herewith the details of a scheme for the inauguration of a centre for children and others desirous of taking advantage of the recent introduction of the “ Schick ” test and immunisation against Diphtheria irrespective of their age, as recommended by the Council at their last meeting.

As the testing and immunisation is entirely voluntary on the part of the patient, propaganda through the schools and welfare centres will be necessary to secure success. Posters should be put in prominent

places, and leaflets setting out the advantages and objects of immunisation freely distributed.

To carry out the actual scheme it will be necessary to utilise a room for the purpose one afternoon a week, and have a medical session of two hours. The Council have a room in Sutherland House on the ground floor admirably suited for the purpose, provided the Ministry of Health will permit its use, and if their sanction is given no expense would be incurred for rent.

The services of a doctor with previous experience is essential, and such can be obtained at a fee of $1\frac{1}{2}$ guineas per session.

The services of a part-time nurse would also be required. The Ministry of Health state that no "*extensive*" use should be made of the services of Health Visitors, although in other Boroughs the Ministry allows the services of a Health Visitor for this purpose. A large proportion of the children are sent from the Welfare Centres.

The cost of the necessary medical equipment would amount to about £10, and the office equipment to another £10, as certain record cards, etc., would have to be printed.

Should the Ministry of Health agree to the use of the room in Sutherland House, and to the scheme as set out above, it would be possible to deal with about 600 cases yearly, for the sum of about £300.

I would suggest that if this scheme meets with the approval of the Public Health Committee, it should be submitted to the Ministry of Health for their approval."

ENTERIC FEVER.

There were two notified cases of Enteric Fever during the year, one of which died. In neither case did investigation succeed in tracing the cause of the disease.

Five cases of Paratyphoid occurred but none were fatal. One of these cases, a pupil of St. Olave's School, contracted the disease when visiting Calais. Other cases notified in Birmingham are reported to have contracted it from the same source.

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

				<i>Notified.</i>	<i>Deaths.</i>
1924	..	..	..	12	1
1925	..	..	..	6	—
1926	..	..	..	10	3
1927	..	..	..	10	1
1928	..	..	..	2	1

MEASLES.

The mortality from Measles was considerably higher than the three previous years, but this was not peculiar to Southwark, as the same increase was common to nearly all the London Boroughs.

The severe cases were sent to the hospitals of the Metropolitan Asylums Board.

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, as in a previous epidemic no great benefit accrued from adopting this course, and 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 2,431, of these 1,462 were under five years of age, 385 cases were removed to hospital.

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

					<i>Deaths.</i>
1924	..	..	..	..	77
1925	..	..	..	..	28
1926	..	..	..	..	51
1927	..	..	..	..	27
1928	..	..	..	..	72

DIARRHŒA.

In spite of the hot summer there was less summer diarrhœa than in previous years, and the deaths only amounted to 31, as against 36 in 1927, and 61 in 1926.

In Southwark, Summer Diarrhœa is notifiable during the months of July, August and September, and in these three months 92 cases were

notified, of which 12 were fatal. Twenty-seven of these cases were admitted to hospital.

The increased incidence in the hotter weather is attributable to the decomposition of food, infection carried by flies, and the consumption of contaminated milk and other articles of diet.

Much of this is preventable and the teaching at our Welfare Centres should take a great part in continuing to reduce this mortality.

Deaths from Diarrhoea during the last five years :—

					Deaths.
1924	..	..	..	..	49
1925	..	..	..	..	58
1926	..	..	..	..	61
1927	..	..	..	..	36
1928	..	..	..	..	31

Twenty-eight of these deaths occurred in infants under two years of age.

WHOOPING COUGH.

Although the deaths from this disease have diminished during the year 1928 the number is still far too high, and is in a great measure due to the fact that parents do not realise the contagiousness of the disease and the necessity for isolation where possible.

They also do not hesitate to take their children in conveyances, or to crowded thoroughfares. Few of them realise the possibly fatal result, in which case they do not take the disease sufficiently seriously in its early stages, and thus prevent serious complications.

Seventy-five cases were removed to the M.A.B. hospitals during the year.

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

					Deaths.
1924	..	..	..	..	17
1925	..	..	..	..	51
1926	..	..	..	..	5
1927	..	..	..	..	30
1928	..	..	..	..	26

INFLUENZA.

The deaths from Influenza during the last five years :—

1924	..	..	..	..	62
1925	..	..	..	..	25
1926	..	..	..	..	24
1927	..	..	..	..	43
1928	..	..	..	..	29

The deaths from Influenza were fewer than in 1927, there was no great variety in the type, but the after results may be serious and long lasting, particularly in cases of cardiac and nervous complications. The after results are more serious as regards inability to follow employment and invalidism than the primary attack, and this being the case it is essential to take measures to prevent an epidemic whenever possible, and in this connection I have issued the following pamphlet in order that its infectious nature should be more generally understood by the inhabitants of the Borough.

INFLUENZA.

HINTS AND PRECAUTIONS.

We do not know for certain what Influenza is due to, but the infection is readily conveyed from the sick to the healthy. It enters the body through the mouth or nose, and quickly sets up a state of fever.

Influenza is particularly infectious during its early stages and while a person who has contracted it is still able to follow his vocation and to mix with other people. Almost everybody, therefore, is exposed to infection at one stage or another of an epidemic. No certain safeguard against the disease is as yet known to exist, and it is important to give attention to the following points during an epidemic wave.

PREVENTION.

Infection may be guarded against by :—

- (a) **HEALTHY AND REGULAR HABITS**, and avoidance of :—
 - (i) Fatigue. (ii) Chill. (iii) Alcoholic excess. (iv) Crowded meetings and hot rooms. (v) Unnecessary travelling.
- (b) **GOOD VENTILATION** in working and sleeping rooms.
- (c) **WARM CLOTHING.**
- (d) **GARGLING** from a tumbler of warm water to which has been added enough permanganate of potash to give the liquid a pink colour. Use as a mouth wash and gargle the throat night and morning, and specially on returning home after exposure to infection in any crowd or after travelling.
- (e) **VACCINATION.**—A vaccine against Influenza is available, and any person who wishes to be vaccinated should apply to his medical attendant. The purpose of the vaccine is prevention,

and therefore to obtain its value it should be used BEFORE an epidemic occurs. It cannot be guaranteed that the vaccine will necessarily protect from attack, but there is reason to believe that, if an attack occurs, vaccination will lessen the risk of complications.

Influenza is DANGEROUS MOSTLY BECAUSE OF WHAT MAY FOLLOW IT. The after effects are often serious and complicated.

CURE.

In the event of an attack of Influenza, the patient is advised to adopt the following measures with a view to securing a speedy return to health, and the avoidance of relapses and dangerous complications :—

- (a) At the first feeling of illness, or immediately on a rise of temperature, the patient should leave off work, go home and GO TO BED, keep warm, and send for the doctor. He should stay in bed till after all fever has gone.
- (b) On convalescence, the patient should avoid meeting-places and places of entertainment FOR AT LEAST ONE WEEK AFTER HIS TEMPERATURE HAS BECOME NORMAL. Chill and over-exertion during convalescence are fruitful of evil consequences.
- (c) Recovery should be fully established before return to work.

PERSONS NURSING INFLUENZA.

- (a) The patient should, if possible, occupy A SEPARATE BEDROOM OR A BED SCREENED OFF FROM THE REST OF THE ROOM. This rule should be observed until the temperature is normal.
- (b) The patient should be KEPT WARM.
- (c) ALL CURTAINS and other articles which prevent free circulation of the air about the patient's bed SHOULD, AS FAR AS POSSIBLE, BE REMOVED.
- (d) INHALATION of the patient's breath SHOULD BE AVOIDED.
- (e) A HANDKERCHIEF OR OTHER SCREEN SHOULD BE HELD BEFORE THE MOUTH, and the head should be turned aside while the patient is COUGHING OR SNEEZING.

- (f) THE HANDS should be washed at once AFTER CONTACT WITH THE PATIENT.

EMPLOYERS.

Workers who are obviously ill should be SENT OR TAKEN HOME AT ONCE. Their continuance at work is bad for them AND DANGEROUS TO OTHERS.

OPHTHALMIA NEONATORUM.

Twenty-five cases of this disease occurred, as against 21 in 1927.

These cases were all visited by the lady Assistant Medical Officer and Health Visitors.

An analysis of the cases will be found hereunder.

Notified.	Cases treated.		Vision unimpaired.	Vision impaired.	Total Blindness.	Deaths.
	At home.	Hospital.				
25	5	20	25	—	—	—

One case was born in St. Thomas's Hospital and treated there.

CEREBRO-SPINAL FEVER, ENCEPHALITIS LETHARGICA AND POLIO MYELITIS.

Five cases of Cerebro-Spinal Fever were notified during the year, three of which died.

Deaths during the last five years :—

1924	3	1927	4
1925	1	1928	3
1926	3		

Four cases of Encephalitis Lethargica were notified with 2 deaths.

Deaths during the last five years :—

1924	..	..	9	1927	..	..	4
1925	..	..	5	1928	..	..	2
1926	..	..	3				

No cases of Polio-Myelitis or Polio-Encephalitis were notified during the year.

ACUTE PRIMARY AND INFLUENZAL PNEUMONIA.

334 cases were notified during the year. 203 of these were removed to hospital or infirmary. There were 57 deaths of these notified cases.

PUERPERAL FEVER.

Ten cases were notified during the year, with 6 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 10 cases were removed to hospital.

PUERPERAL PYREXIA.

Fifty-eight cases have been notified. Forty-six were removed to hospital and 12 kept at home.

TABLE 40.
NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1928.

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	5	220	264	107	24	22	25	6	—	—	—	—	—	327	346	673	654	3
*Smallpox	—	1	—	2	4	3	—	—	5	3	—	1	—	15	4	19	19	1
Diphtheria	17	261	224	83	31	21	23	6	2	—	—	—	—	312	356	668	666	13
Memb. Croup	1	1	1	—	—	—	—	—	—	—	—	—	—	2	1	3	3	—
Enteric Fever	—	—	1	—	—	—	1	—	—	—	—	—	—	2	—	2	2	1
Paratyphoid	—	—	1	—	1	2	—	—	1	—	—	—	—	—	5	5	5	—
Puerperal Fever	—	—	—	—	—	1	4	5	—	—	—	—	—	—	10	10	10	—
Puerperal Pyrexia	—	—	—	—	2	15	29	11	1	—	—	—	—	—	58	58	46	6
Cerebro-Spinal Fever	2	1	1	—	1	—	—	—	—	—	—	—	—	1	4	5	5	3
Measles	164	1298	894	51	11	5	5	—	3	—	—	—	—	1177	1254	2431	385	72
Malaria	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	1	—	—
Dysentery	—	—	—	—	—	—	1	—	—	1	—	—	—	2	—	2	1	—
Epidemic Diarrhoea	45	44	3	—	—	—	—	—	—	—	—	—	—	55	37	92	27	12
Encephalitis Lethargica	—	—	1	1	—	1	1	—	—	—	—	—	—	1	3	4	2	2
Pneumonia	24	69	36	16	17	25	31	46	27	19	20	4	—	222	112	334	203	57
Ophthalmia Neonatorum	25	—	—	—	—	—	—	—	—	—	—	—	—	10	15	25	5	—
Erysipelas	6	3	4	5	7	1	9	18	18	13	5	1	—	45	45	90	—	3
Totals	289	1898	1430	265	98	96	130	92	57	36	25	6	—	2172	2250	4422	2033	173

* The Registrar-General's figure for this disease is 21, but 2 cases were returned as not Smallpox.

TABLE 41.
CASES OF INFECTIOUS DISEASES.

Notified to the Medical Officer of Health for Southwark, during each week of the year 1928.

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 Diarrhoea.	Pneumonia.	Dysentery.	Puerperal Pyrexia.	Polio- Encephalitis.	Total.
1928																						
Jan.	7	..	15	24	1	—	—	—	2	—	—	—	7	—	157	—	—	6	—	—	—	212
"	14	..	11	19	1	—	—	—	2	—	—	—	5	3	99	—	—	15	—	1	—	156
"	21	..	10	16	—	—	—	—	1	—	—	—	8	1	80	2	—	7	—	2	—	127
"	28	..	10	23	—	—	—	4	—	1	—	1	11	3	85	—	—	4	—	1	—	143
Feb.	4	..	7	24	—	—	—	4	4	—	—	—	7	3	106	1	—	3	—	2	—	161
"	11	..	9	21	—	1	—	2	3	—	—	—	5	—	102	—	—	3	—	—	—	146
"	18	..	15	23	—	—	—	4	4	—	—	—	4	2	85	—	—	5	—	—	—	142
"	25	..	17	23	—	—	—	—	4	1	—	3	9	1	135	—	—	5	—	6	—	204
March	3	..	12	21	—	—	—	—	1	—	—	1	6	6	103	—	—	12	—	—	—	162
"	10	..	16	6	—	—	1	—	—	—	—	2	5	4	135	—	—	15	—	2	—	186
"	17	..	9	14	—	—	—	—	1	—	—	—	8	1	89	—	—	5	—	1	—	128
"	24	..	6	13	—	—	—	—	1	1	—	—	8	3	105	—	—	10	—	—	—	147
"	31	..	12	14	—	—	—	—	—	—	—	1	6	2	113	—	—	11	—	1	—	160
April	7	..	7	12	—	—	—	—	1	—	—	—	6	—	73	—	—	8	—	1	—	108
"	14	..	16	11	—	1	1	—	3	—	—	—	6	—	97	—	—	12	—	2	—	149
"	21	..	15	5	—	—	—	—	3	—	—	1	9	1	52	—	—	8	—	—	—	94
"	28	..	17	11	—	—	—	—	—	—	—	—	8	1	59	—	—	4	—	2	—	102
May	5	..	6	4	—	—	—	—	1	—	—	—	4	1	39	—	—	7	—	3	—	65
"	12	..	17	9	—	—	—	—	3	1	—	2	9	2	54	—	—	12	—	1	—	110
"	19	..	14	9	—	—	—	—	1	—	—	—	11	—	39	—	—	11	—	1	—	86
"	26	..	8	10	—	—	1	1	2	—	—	—	2	3	43	—	—	3	—	3	—	76

June	2	..	10	7	—	—	—	1	—	—	1	4	4	48	—	—	11	—	—	—	86	
"	9	..	14	10	1	—	—	1	—	—	1	3	1	70	—	—	5	—	1	—	109	
"	16	..	18	5	—	—	—	1	2	—	1	2	9	4	61	—	—	5	—	3	111	
"	23	..	14	6	—	—	—	—	2	—	—	2	7	1	38	—	—	2	—	2	74	
"	30	..	12	6	—	—	—	—	—	—	—	5	1	31	—	—	4	—	1	—	60	
July	7	..	22	10	—	—	1	—	1	2	—	—	3	3	33	—	2	5	1	—	83	
"	14	..	15	15	—	—	—	—	1	—	—	1	2	4	27	—	3	9	—	—	77	
"	21	..	13	10	—	—	—	—	—	—	—	9	3	20	—	2	4	—	1	—	62	
"	28	..	12	20	—	—	—	—	1	—	—	—	8	2	30	—	2	8	—	4	87	
Aug.	4	..	10	8	—	—	—	—	—	1	—	1	6	1	11	—	4	3	—	1	46	
"	11	..	11	4	—	—	—	—	—	—	—	4	4	11	—	6	4	—	1	—	45	
"	18	..	12	4	—	—	—	—	1	—	—	5	1	8	—	1	3	—	—	—	35	
"	25	..	8	10	—	—	—	—	2	1	—	—	6	2	5	—	14	—	—	1	49	
Sept.	1	..	12	3	—	*(1)	—	—	3	—	—	—	8	1	6	—	8	4	—	—	46	
"	8	..	13	12	—	*(2)	—	—	1	—	—	—	5	2	10	—	9	3	—	2	59	
"	15	..	20	15	—	*(1)	—	—	2	—	—	1	6	—	6	1	12	3	—	2	69	
"	22	..	14	15	—	—	—	—	2	—	—	—	3	1	6	—	15	2	—	—	58	
"	29	..	20	14	—	—	1	—	2	1	—	1	5	3	4	—	14	4	—	1	70	
Oct.	6	..	12	12	—	—	—	1	3	—	—	—	9	1	7	—	—	9	1	—	55	
"	13	..	17	9	—	—	—	—	5	—	—	—	5	6	8	—	—	12	—	—	62	
"	20	..	17	17	—	—	—	—	6	—	—	—	5	1	8	—	—	9	—	1	64	
"	27	..	22	13	—	—	—	—	—	—	—	—	12	2	17	—	—	2	—	3	71	
Nov.	3	..	10	11	—	—	—	—	5	—	—	—	2	2	12	—	—	7	—	1	50	
"	10	..	15	16	—	*(1)	—	—	4	—	—	2	5	—	13	—	—	8	—	—	64	
"	17	..	13	16	—	—	—	—	2	—	—	1	7	1	8	—	—	5	—	—	53	
"	24	..	10	20	—	—	—	—	2	1	—	—	1	4	7	—	—	2	—	—	47	
Dec.	1	..	11	18	—	—	—	—	—	—	—	—	7	3	18	—	—	3	—	—	60	
"	8	..	14	10	—	—	—	—	1	—	—	—	4	3	9	—	—	3	—	3	47	
"	15	..	11	16	—	—	—	—	1	—	—	—	9	—	11	—	—	4	—	—	52	
"	22	..	16	9	—	—	—	—	—	—	—	1	9	5	18	—	—	12	—	1	71	
"	29	..	6	15	—	—	—	—	2	—	—	—	2	—	20	—	—	13	—	—	58	
TOTAL	..		673	668	3	7	5	19	90	10	1	25	319	103	2431	4	92	334	2	58	—	4844

* Paratyphoid cases.

TABLE 42.

RETURN OF FAMILIES ADMITTED INTO THE COUNCIL'S RECEPTION HOUSE DURING THE YEAR 1928.

1928.		Scarlet Fever.			Diphtheria.			Smallpox.			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.
Jan.	7	1	3	6	—	—	—	—	—	—	—	—	—	—	—	—
"	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	21	1	5	15	1	2	8	—	—	—	—	—	—	—	—	—
"	28	—	—	—	1	2	6	—	—	—	—	—	—	—	—	—
Feb.	4	—	—	—	2	5	15	2	7	35	—	—	—	—	—	—
"	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	18	1	3	9	—	—	—	—	—	—	—	—	—	—	—	—
"	25	1	2	6	—	—	—	1	4	60	—	—	—	—	—	—
March	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	10	1	4	12	—	—	—	—	—	—	—	—	—	—	—	—
"	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	24	2	7	21	—	—	—	—	—	—	—	—	—	—	—	—
"	31	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
April	7	2	7	25	—	—	—	—	—	—	—	—	—	—	—	—
"	14	1	3	9	—	—	—	—	—	—	—	—	—	—	—	—
"	21	3	5	12	—	—	—	—	—	—	—	—	—	—	—	—
"	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	12	2	5	15	—	—	—	—	—	—	—	—	—	—	—	—
"	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	26	1	5	15	1	3	12	—	—	—	—	—	—	—	—	—
June	2	1	2	6	2	6	18	—	—	—	—	—	—	—	—	—
"	9	1	2	6	—	—	—	—	—	—	—	—	—	—	—	—
"	16	—	—	—	1	2	6	—	—	—	—	—	—	—	—	—
"	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
"	30	—	—	—	1	5	15	—	—	—	—	—	—	—	—	—
Crd. fwd.		18	53	157	10	28	89	3	11	95	—	—	—	—	—	—

TABLE 42—continued.

1928.	Scarlet Fever.			Diphtheria.			Smallpox.			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. fwd.	18	53	157	10	28	89	3	11	95	—	—	—	—	—	—
July 7	1	3	9	—	—	—	—	—	—	—	—	—	—	—	—
" 14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 21	3	7	15	—	—	—	—	—	—	—	—	—	—	—	—
" 28	—	—	—	1	2	6	—	—	—	—	—	—	—	—	—
Aug. 4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 25	1	2	8	—	—	—	—	—	—	—	—	—	—	—	—
Sept. 1	1	5	15	2	6	18	—	—	—	—	—	—	—	—	—
" 8	1	2	6	—	—	—	—	—	—	—	—	—	—	—	—
" 15	2	7	21	1	3	9	—	—	—	—	—	—	—	—	—
" 22	1	3	6	1	2	6	1	3	6	—	—	—	—	—	—
" 29	1	3	9	—	—	—	—	—	—	—	—	—	—	—	—
Oct. 6	—	—	—	1	4	8	1	8	40	—	—	—	—	—	—
" 13	—	—	—	2	5	17	—	—	—	—	—	—	—	—	—
" 20	1	5	15	—	—	—	—	—	—	—	—	—	—	—	—
" 27	—	—	—	1	3	9	1	3	9	—	—	—	—	—	—
Nov. 3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
" 10	—	—	—	1	3	6	—	—	—	—	—	—	—	—	—
" 17	1	3	12	—	—	—	—	—	—	—	—	—	—	—	—
" 24	—	—	—	1	2	4	—	—	—	—	—	—	—	—	—
Dec. 1	—	—	—	2	9	23	—	—	—	—	—	—	—	—	—
" 8	1	3	6	1	3	9	—	—	—	—	—	—	—	—	—
" 15	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—
" 22	—	—	—	2	5	15	—	—	—	—	—	—	—	—	—
" 29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ..	32	96	279	27	79	231	6	25	150	—	—	—	—	—	—

DISINFECTION.

The total number of disinfections of rooms during the year by the Council's disinfecting staff was 6,467. Of this number 3,136 rooms were disinfected after the occurrence of the ordinary notifiable infectious diseases, as against 2,576 rooms in 1927. 2,692 periodical sprayings of rooms occupied by Phthisical patients were also carried out during the year.

639 verminous rooms were sulphured and otherwise cleansed by the Council's staff during the year, as against 627 in 1927.

Among the total number of disinfections (6,467) it was found necessary to strip 76 rooms. Of these 39 were in relation to the notifiable diseases and 37 after the termination of cases of Phthisis.

TABLE 43.

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.	Christchurch Ward.	St. Saviour's Ward.	Total.
Disinfected	425	255	272	410	253	334	393	244	280	129	141	3136
Stripped ..	1	4	3	4	3	10	8	2	3	—	1	39

TABLE 44.

Bedding, etc., Disinfected and Destroyed after the occurrence of Infectious Disease during the Year 1928.

Articles.	No. Disinfected.	No. Destroyed.
Beds	1301	69
Palliasses	669	43
Bolsters	663	21
Pillows	2152	69
Cushions	251	70
Blankets	1055	13
Sheets	797	6
Quilts	671	4
Articles of Clothing, &c.	2234	77
Books	45	—
Total	9838	372

40 Cases of Horsehair weighing 2 tons 14 cwts. 3 qrs. 10 lbs. were also disinfected at the Depots. 1 Hamper of Shaving Brushes was destroyed.

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.

It is interesting to note that since the inauguration by the Borough Council of the above scheme, the notification of new cases and the number of deaths occurring from Phthisis have each diminished by exactly one half.

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

TABLE 45.
PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 1st January, 1928, to the 29th December, 1928, in the
Metropolitan Borough of Southwark.

Age-periods	Notifications on Form A.												Total Notifications on Form A.	Notifications on Form B.					Number of Notifications on Form C.	
	Number of Primary Notifications.													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 Notifi- cations		Under 5	5-10	10-15	Total Primary Notifi- cations.			
Pulmonary Males ...	—	1	7	5	17	27	36	28	40	21	9	191	239	—	1	—	1	1	112	153
„ Females ...	—	1	2	5	19	19	28	24	10	5	—	113	139	—	—	—	—	—	66	81
Non-Pulmonary Males	2	9	11	11	8	3	2	5	2	4	2	59	69	—	—	2	2	2	18	22
„ „ Females	1	10	7	7	4	—	3	3	1	—	1	37	44	—	—	—	—	—	9	16

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 46.
SUPPLEMENTAL RETURN.

New Cases of Tuberculosis coming to the knowledge of the Medical Officer of Health or Chief (Administrative) Tuberculosis Officer during the period from the 1st January, 1928, to the 29th December, 1928, 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	—	—	—	1	—	1	3	2	2	—	—	9
„ Females	—	—	1	—	1	—	3	—	—	—	—	5
Non-pulmonary Males	2	—	—	—	—	—	1	—	—	1	—	4
„ „ 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 47.

Showing the number of Patients who died in their own homes and the number who died away from home in Hospitals or other Institutions, 1928.

	0-	1-	2-	5-	15-	25-	45-	65-	75-	ALL AGES.		
										Males.	Females.	TOTAL.
Number of patients who died at home	—	—	—	2	15	21	31	3	2	46	28	74
Number of patients who died in hospitals, &c.	1	2	—	4	22	47	40	4	—	80	40	120
	1	2	—	6	37	68	71	7	2	126	68	194

Of the total number of deaths from Pulmonary Tuberculosis 61.9 per cent. occurred in hospitals or other institutions.

TABLE 48.
TUBERCULOSIS.

Age Periods.	New Cases.*		Deaths.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
0	—	5	1	3
1	2	19	2	12
5	11	18	6	11
10	11	20	—	—
15	37	12	37	5
20	47	4	—	—
25	70	6	68	3
35	54	8	—	—
45	52	3	71	1
55	26	5	—	—
65 and upwards	9	3	9	1
TOTAL ..	319	103	194	36

- (1) The ratio of non-notified deaths to notified cases is 1 to 84. 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 49.

A summary of the cases notified and other particulars in connection therewith during the year 1928.

Cases notified during 1928.	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.
319	271	4,430	270	166	2,692	37

TABLE 50.

**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.	Christchurch Ward.	St. Saviour's Ward.	Total.
Disinfected	336	295	278	316	184	253	347	218	227	105	133	2,692
Stripped ..	3	3	1	4	3	6	5	3	4	1	4	37

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. Sessions are also held for ante-natal work amongst expectant mothers.

There is an assistant doctor to the Medical Officer of Health for maternity work, and three part-time doctors attached to other centres. There is also a Superintendent Health Visiter and 9 Health Visitors.

Ante-natal sessions are held every week at two Municipal Centres, and the same is also done at the Maternity Centre of Guy's Hospital.

The Ante-natal work at the centres is steadily growing and is of great importance, as timely advice is given to expectant mothers as to their own health, the preparations for the coming confinement, and the care of the newly-born infant.

This work will greatly expand in future, and special sessions will have to be set aside for it.

Hitherto it has been taken as part of the ordinary work of the centres which has limited its scope both as regards the number of patients and the time given to their instruction.

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 67 children were thus assisted to have the necessary treatment and fresh air to restore them to health.

During the year 7 children were treated for dietetic diseases at St. Thomas's Hostel, under the arrangement entered into with them.

Five children were referred to the Guardians for convalescence.

Fifty-seven mothers and babies were sent away for holiday from the Mayor's Fund.

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

MATERNITY AND CHILD WELFARE CENTRES.

Assistant Medical Officer of Health (Maternity and Child Welfare)	Dr. C. SIMS.
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 ..	10.30—12.30. 2.0—4.30.
Medical Officer	Dr. E. M. Saxton.
Superintendent	Mrs. A. Parkins.

1B CENTRE (Municipal).

Sutherland House, Sutherland Square.

District served by Centre	St. Mary's Ward.
Sessions held every Tuesday ..	10.30—12.30. 2.0—4.30.
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 ..	10.30—12. 2.0—4.30.
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—4.30.
Medical Officer	Dr. C. Sims.
Health Visitor	Miss H. Onions (from January 11th to May 12th). Miss W. F. Cleverley (from May 14th).

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—4.30.
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—4.30.
Medical Officer	.. ..	Dr. C. Sims.	
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—4.30.
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—4.30.
Medical Officer	.. ..	Dr. C. Sims.
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—4.30.

Medical Officer Dr. Dorothy Shepherd.

Health Visitor Miss McCurdy.

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—4.30.

Medical Officer Dr. C. Sims.

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—4.30.

Medical Officer Dr. C. Sims.

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—4.30.

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.

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 1928.

TABLE 51.

	Original Visits.			Revisits.			Visits to Ante-Natal Cases.	Visits to Post-Natal Cases.	Visits to Delicate Infants.	Visits to Cases of Diarrhoea and Sick Children.	Attendances at Welfare Centres.	Visits where Mothers were found to be out.	Special Visits, &c.	Puerperal Pyrexia.	Total.
	Births.	Measles.	Ophthalmia Neonatorum.	Births.	Measles.	Ophthalmia Neonatorum.									
Mrs. Holland ..	—	—	—	—	—	—	—	—	—	—	386	—	6	—	392
Mrs. Kingsmill ..	391	456	5	3328	20	—	242	2	—	—	105	56	1	6	4612
Miss Johnson ..	305	258	—	2606	31	—	134	7	—	1	98	198	2	7	3647
Miss Cleverley ..	262	283	4	2495	16	—	120	—	—	8	93	384	26	3	3694
(from May 14th)															
Miss Rogers ..	316	180	4	2387	19	—	95	—	—	5	101	306	1	4	3418
Miss Cottrill ..	335	318	3	2893	41	—	86	3	—	1	99	33	6	5	3823
Miss Sayer ..	256	371	2	2317	280	—	37	—	—	11	93	268	35	8	3678
Miss Adair ..	256	246	4	4013	15	—	140	4	—	—	100	8	—	9	4795
Miss Freeth ..	360	450	5	3020	38	—	135	—	—	23	85	73	3	12	4204
Mrs. George ..	249	361	1	2619	54	—	99	1	—	18	102	196	3	4	3707
Mrs. George (home help) ..	—	—	—	—	—	—	—	—	—	—	392	—	45	—	437
TOTAL ..	2730	2923	28	25678	514	—	1088	17	—	67	1654	1522	128	58	36407

TABLE

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

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.
431	427	275	272	287	299	262	222	314	368	239	130	46	3572
572	606	455	309	233	280	381	269	427	409	283	90	65	4379
94	94	94	94	94	94	94	92	90	94	88	45	94	1161
140	30	132	203	28	30	2	11	49	35	26	1	984	1671
262	424	337	209	189	224	244	155	277	274	223	81	65	2964
256	304	176	120	120	134	176	136	212	186	160	81	65	2126
310	182	118	100	44	56	137	114	150	135	60	9	—	1415
42	34	27	26	13	29	40	58	96	51	12	9	—	437
222	330	270	168	170	173	211	128	209	226	199	62	62	2430
12	19	23	11	5	27	13	9	32	15	5	8	2	181
28	76	43	31	12	19	18	11	30	38	20	10	1	337
48	181	119	99	46	61	139	121	156	130	59	10	—	1169
6331	6810	4654	2991	3628	3622	5505	3294	5385	4956	4299	1918	—	53393
379	103	290	448	98	73	26	122	238	123	225	1	3177	5303
3589	4652	2820	1786	2317	2330	2751	1790	2004	2937	2740	1172	886	31774
2358	2032	1480	942	1232	1226	2273	1655	1675	1572	1378	1018	697	19538
67.4	72.4	49.5	31.8	38.6	38.5	58.6	35.8	59.8	52.7	48.9	42.6	—	—
4.0	1.1	3.1	4.8	1.0	0.8	0.3	1.3	2.6	1.3	2.6	—	33.8	—
38.2	49.5	30.0	19.0	24.2	6.4	8.9	3.9	22.3	31.2	23.1	126.0	9.4	—
25.1	21.6	15.7	10.0	13.1	13.0	24.2	18.0	18.6	16.7	15.7	22.6	7.4	—
1051	1844	1076	743	1264	1113	1067	1072	1097	1327	1209	596	886	14345
346	752	634	372	762	625	678	858	869	735	540	496	695	8362
140	31	182	371	23	49	23	30	49	58	28	1	984	1969
4783	6144	4090	2694	3322	3248	5023	2981	3247	4397	3750	2085	1581	47345
1402	1547	1424	717	697	1375	837	927	1841	292	1051	315	461	12886
140	181	105	95	70	86	34	138	236	115	77	45	933	2255
466	391	305	262	316	335	256	256	365	360	249	118	35	3714
51	—	—	—	—	—	—	—	4	—	—	11	—	66
284	61	29	25	25	—	3	2	187	20	22	113	911	1682
1641	1454	1165	996	757	1422	902	2030	1471	1330	1067	1209	603	16047
3377	1874	1441	1499	1630	1471	1415	1983	2445	1690	1552	2781	1446	24604

Centre, with a total attendance of 87.
direction of Mrs. Holland with a total attendance of 441.
Centre, with a total attendance of 373.

HEALTH WEEK—OCTOBER 18th to 25th.

A successful Health Week was held in the Borough from 18th to 25th October. An Exhibition was also held at Manor Place Baths and opened by His Worship the Mayor of Southwark (Councillor W. F. Castle, J.P.) During the week, lectures and demonstrations were held at the Schools and Welfare Centres, whilst the Centres, Creche, Analytical Department and Tuberculosis Dispensary were thrown open to the public and well attended. The visitors showed great interest, and displayed a desire for knowledge that was gratifying to those who had worked hard to make these branches interesting. The Public Analyst's Department, in particular, had a well-arranged and interesting series of exhibits, and it was visited by 375 persons. The Creche was visited by 36 persons, whose comments in the Visitor's Book were highly favourable.

At the Exhibition in Manor Place Baths lectures were given and films shown on various health topics by Dr. King Brown, late Medical Officer of Health of Bermondsey, Dr. Thompson, Medical Officer of Health of Deptford, Professor Leonard Hill, Dr. Crowe, Dr. M. Brodie, Dr. E. Foley, Dr. E. B. Turner, Mr. Fisher and Mr. Syms (Sanitary Inspectors) and myself. The lectures were so well attended that the small hall was insufficient to accommodate the audiences, and many people had to be turned away. The accompanying cinematograph films added to the popularity of the lectures.

Cookery demonstrations were given each day at intervals by various bodies, which were highly instructive.

The Main Hall of Manor Place Baths was occupied by an Exhibition of interest and educational value, which consisted of Health stalls and Trade stalls. The trade exhibits were all of a high order, and the stalls well set out. The Health exhibits were interesting, and great care had been displayed in equipping them.

The Sanitary Inspectors' Infant Welfare and Tuberculosis Departments worked well to provide exhibits, and produced results of the greatest credit. The Model House of Inspectors Mayhew and Ede, the house "as it should not be" of Mr. Bowers, attracted great attention and interest; the attractive models were all well finished, whilst the exhibits and demonstrations by Mr. Syms on flies, Mr. Duffield on diseased meat, and Mr. Banham on smoke, all drew large numbers of people. Great interest was also evinced in the other instructive exhibits shown on the Inspectors' stall.

The Tuberculosis Dispensary Staff had made a model which formed the chief exhibit on their stall, showing three rooms for habitation of consumptive patients, a "good" room, a "bad" room, and "making the best of it." Many excellent photographs kindly lent by Sir Henry Gauvain and Dr. Watts were keenly examined, and samples of sputum appliances and paper handkerchiefs were shown. In connection with this exhibit, the "Spero" leather works for tuberculosis soldiers showed some highly finished and excellent work in the shape of bags, purses, etc., whilst the Open Air School for tubercular children at Stowey House had a stall, showing fresh vegetables and flowers grown by them.

The Health Visitors' stall was most instructive and the results of competitions for needlework, etc., were displayed there. Some of the articles entered for competition being excellent in quality, and others most original, including several articles made by school children. The father-craft exhibits were very creditable and considerable originality was shown in fashioning cradles from banana crates, and chairs for children from disused perambulators, model furniture and home-made cots.

On Thursday, 25th October, the Countess of Birkenhead officially opened the new Welfare Centre at Sutherland House.

The Exhibition was a very successful one, over 27,000 persons, including 300 school children daily, visited it, and great credit is due to the Chairman and Members of the Public Health and Maternity and Child Welfare Committees, the organiser, Dr. Sims, and the helpers from the various departments by whose efforts the success of the Health Week was accomplished.

BACTERIOLOGICAL SPECIMENS.

Number of specimens examined by the Public Analyst ..	2,708
Positive results	414

PRESERVATIVES IN FOOD.

1936 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.

APPENDIX.

Borough of Southwark.



ANNUAL REPORT

OF THE

Tuberculosis Medical Officer

FOR THE

YEAR 1928.

J. T. CROWE,

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

Tuberculosis Medical Officer

BOROUGH OF SOUTHWARK.

TUBERCULOSIS DISPENSARY,

82-84, NEWINGTON CAUSEWAY, S.E. 1.

11th March, 1929.

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

SIR, LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for the year 1928.

The work of the Dispensary has been carried on on the same lines as in previous years.

The Staff remains the same, viz. :—a Secretary-Dispenser and three Nurses ; to all of whom I would like to give a word of praise for their enthusiasm and devotion to duty.

During the year 222 patients were recommended for Sanatorium treatment under the London County Council Scheme and 60 doubtful cases were recommended for admission to Brompton and other hospitals for observation.

The two Open Air Schools for Tuberculous Children, viz., Nightingale House, Bermondsey, and Springwell House, Clapham Common, are still taking a large number of the children from our Borough and are doing splendid work.

We still make great use of the Contact (children of Tuberculous infectious cases living at home) Scheme of the London County Council by boarding-out either in the country or in convalescent homes, the Scheme being worked by the Invalid Children's Aid Association in conjunction with the London County Council.

The Ministry of Pensions New Regulations are working well, and very close relationship is maintained between myself and the Area Deputy Commissioner of Medical Services. Twenty-eight pensioners were recommended for Sanatorium treatment, besides a considerable number recommended for treatment at home by private practitioners, and also a large number attended the Dispensary regularly.

Tuberculin has again been used in a number of cases of a surgical nature with very fair results.

A certain number of cases have been sent for Artificial Sunlight treatment to the Guy's Hospital Light Centre under the arrangement between our Council, the L.C.C. and the Guy's Hospital Authorities, but I am sorry to say the results have not come up to expectations, as owing to the poor food and bad accommodation at their homes, the patients do not get the advantages of the light treatment which they would do if they were in Residential Institutions; as this form of treatment was only being tried experimentally for two years, I am given to understand it will cease on and from 31st March, 1929. But the special form of Finsen Light is to continue for cases of Lupus.

Under a new Scheme of the L.C.C., all patients now going to Sanatorium are given a free Railway Voucher for their fare, and if they stay as long as the L.C.C. wish them to do and they do not discharge themselves against the advice of the Medical Officer of the Institution, they receive a Voucher for their railway fare home, whereas previously the majority of the cases had to pay their own fares except in a few cases where the patients were so badly off that they could not possibly afford it.

A number of doubtful cases (29) of Tuberculosis have been sent to Guy's Hospital for X-Ray examination, which has been very useful as a help to diagnosis.

Several patients attend Brompton Hospital for the purposes of refills for Artificial Pneumothorax and are making very good progress.

452 specimens of sputum were examined by the Borough Analyst's Department.

Extra nourishment was granted to 55 patients.

The Nurses paid 3,795 visits to the patients' houses, and have done a great amount of propaganda work.

The Invalid Children's Aid Association has, as in previous years, been most helpful to us in arranging for Convalescent Treatment for delicate children and for working the aforesaid Contact Scheme in conjunction with the L.C.C.

The Charity Organisation Society has also given us great help in the way of getting adult delicate (non-Tuberculous) patients into

Convalescent Homes, and providing clothing for patients going to Sanatoria.

The Red Cross Society and the United Service Fund have also given us very great assistance in numerous ways.

During the year the Borough Health Week and Exhibition was held at the Manor Place Baths and the Dispensary had a stall which was one of the centres of attraction during the week, where also a great amount of propaganda work was done by the Nurses, who worked very hard for its success.

Lectures were also given and Films shown.

The relationship between the London County Council, the Ministry of Pensions, the private practitioners and the Hospitals has been most cordial.

I append Tables and Statistics of the work done during the year.

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.

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

Tuberculosis Nurses : M. E. BENNETT (Cert. Royal Sanitary 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, 820 :—

Insured Persons	..	353	Males	..	218
			Females	..	135
Non-Insured Persons	..	467	Males	..	25
			Females	..	116
			Males	..	178
			Females	..	148
Total	..			..	820

TABLE B.

Patients found to be suffering from Pulmonary Tuberculosis, 196 :—

Insured Persons	..	143	Males	..	98
			Females	..	45
Non-Insured Persons	..	53	Males	..	7
			Females	..	35
			Males	..	7
			Females	..	4
Total	..			..	196

TABLE C.

Patients suffering from Non-Pulmonary Tuberculosis, 37 :—

Insured Persons	..	6	Males	..	1
			Females	..	5
Non-Insured Persons	..	31	Males	..	5
			Females	..	2
			Males	..	16
			Females	..	8
Total	..			..	37

TABLE D.

Cases (including contacts) found Non-Tuberculous, 535 :—

Insured Persons	..	183	Males	..	109
			Females	..	74
Non-Insured Persons	..	352	Males	..	12
			Females	..	69
			Males	..	141
			Females	..	130
Total	..			..	535

TABLE E.

Total attendances of patients :—

Insured Persons	..	..	..	..	3,334
Non-Insured Persons	..	..	..	..	1,712
Total	..	..	..	..	5,046

TABLE F.

Number of examinations of patients :—

Insured Persons	..	..	..	..	860
Non-Insured Persons	..	..	..	..	722
Total	..	..	..	..	1,582

TABLE G.

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

Sanatorium	..	..	..	..	161
Hospital	..	..	..	..	36
Home for Advanced Cases	..	..	..	..	2
Hospital for observation	..	..	..	..	26
Convalescence	..	..	..	..	3
Total	..	..	..	..	228

TABLE H.

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

Sanatorium	61
Hospital	19
Open Air School	34
Convalescence	11
Home for Advanced Cases	6
Hospital for observation	34
Total	<u>165</u>

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	2,133
Non-Insured Persons	1,662
Total	<u>3,795</u>

TABLE J.

Patients discharged during the year :—

	Insured.	Non-Insured.
Cured	33	50
Arrested	25	32
Guardians	2	1
" In statu quo "	17	13
Moved away	32	16
Transferred to other districts	22	12
Ceased attending	24	20
Transferred to Domiciliary treatment	59	—
Transferred to Institutions	6	13
Non-Tubercular	186	354
Open Air School	—	14
School Supervision	—	6
Refused Treatment	3	—
Too ill to attend	1	—
Private Practitioner	—	9
Totals	<u>410</u>	<u>540</u>

TUBERCULOSIS CARE COMMITTEE.

The work of the Tuberculosis Care Committee is to see all people recommended by the Tuberculosis Officer to the L.C.C. for Sanatorium or Hospital treatment, and such other people attending the Borough Tuberculosis Dispensary who need special help or advice.

In 1928, 235 adults and 92 children were recommended to the L.C.C. for Institutional treatment.

In the case of ex-service men, discharged from the Army or Navy with pensions for Tuberculosis, they are provided for by the Ministry of Pensions or referred to the Red Cross and they do not come before the Committee.

Our Committee has no funds except a fund for extra nourishment, granted by the Ministry of Health, so when help is needed it has to be obtained from various societies with whom we co-operate closely. During 1928 the United Service Fund helped 36 ; Soldiers' and Sailors' Help Society 28 ; Charity Organisation Society 18.

Many of the cases were receiving Poor Law Relief. In 7 cases the Guardians supplied these people with clothes.

The Society for Relief of Distress helped 5 ; Society of St. Vincent de Paul 1 ; Royal Naval Benevolent Trust 3 ; and various Regimental Societies 9 ; Church Army 1.

Help was obtained in 5 cases from private individuals.

Some of the forms of help given are clothes to wear during the period of treatment. Provision for the care of children when the mother is away. Allowances to families when the father is away. Pocket money for people with no resources going to Sanatoria. Invalid dinners on their return and temporary allowances while looking for work.

All cases are visited on their return home.

When their means allow it, the heads of families are asked to contribute towards the cost of treatment. These contributions are collected in adult cases by the Hon. Organiser, and in children's cases by the two Branches of the I.C.A.A., with whom we co-operate closely.

During 1928 the relations of 69 adults and 29 children contributed weekly sums, varying from 1/6 to 20/-.

If any change occurs in the circumstances of the contributor during the time of treatment, the L.C.C. is at once communicated with and the contributions excused or altered.

TABLE L.

Death rate from Pulmonary Tuberculosis for Southwark compared with the year 1927 :—

1927.	Southwark	..	..	..	1.06 per 1,000
1928.	Southwark	..	..	..	1.07 „

TABLE M.

Notification of fresh cases of Pulmonary Tuberculosis :—

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

TABLE N.

Deaths from Pulmonary Tuberculosis :—

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

TABLE O.

Cases referred to Hospitals :—

			Insured.	Non-insured.
South London Hospital	..	..	1	3
Guy's Hospital	..	..	12	10
Royal Waterloo Hospital..	..	..	—	2
St. Thomas's Hospital	..	..	—	4
Brompton Hospital	..	..	1	—
Charing Cross Hospital	..	..	—	1
Southwark Hospital	..	..	27	13
			—	—
Totals	..	..	41	33
			—	—

Number of Patients sent to Hospital for Special Treatment :—

X-Ray	..	..	..	..	..	29
Light Treatment	..	..	..	..	..	7
Artificial Pneumo-Thorax	..	..	..	..	..	3
						—
Total	..	..	..	..	..	39
						—

TABLE P.

Sexes of new cases of Pulmonary Tuberculosis :—

Males	..	..	..	..	..	112
Females	..	..	..	..	..	84
						196

TABLE Q.

Patients still attending the Dispensary on December 31st, 1928 :—

Insured Persons	..	..	..	..	361
Non-Insured Persons	..	..	..	..	182
					543

TABLE R.

Sources of cases :—

	Insured.	Non-insured.
Doctors	98	17
Hospitals	15	9
School Medical Officer	—	2
Nurses	2	15
Contacts	2	5
Returned from Institutions	2	3
Returned from Sanatoriums	3	11
Invalid Children's Aid Society	—	2
London County Council	7	6
Transferred from other Dispensaries	10	2
Own Account	10	11
Infant Welfare	—	1
Totals	149	84

TABLE S.

Contacts examined :—

Found Tuberculous	..	..	..	8
Found Non-Tuberculous	..	..	..	353
Total	..	..	..	361

