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Borough of Southwark.



ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR 1931.

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

Medical Officer of Health,

Administrative Tuberculosis Officer,

Administrative Officer for Maternity and Child Welfare.

LONDON :

Crusha & Son, Ltd., Tottenham, Enfield and Wood Green.

THE HISTORY OF THE

REIGN OF KING CHARLES THE FIRST

IN THE YEAR 1649

BY JOHN BURNET

OF THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

THE SECOND VOLUME

LONDON

Printed by J. Streater, at the Sign of the Gun, in St. Dunstons Church-yard

1724

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By Authority

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INDEX.

A.

	<i>Page</i>
Acts and Bye-Laws	38-39
Acute Influenzal Pneumonia	81
Acute Primary Pneumonia	81
Ambulance Services	9
Ante-Natal Clinics	87-89, 93
Area of Borough	3, 11
Artificial Cream Act, 1929	68
Agricultural Produce (Grading and Marking) Act	37

B.

Bacteriological Specimens	97
Bakehouses	67, 68
Births	11, 13
,, Illegitimate	3
Birth-rates	12, 13
Black Smoke	39, 40
Blind Persons Act, 1920	81
Butter and Margarine Factories	68

C.

Cancer	81
Census	4, 10
Cerebro-spinal Fever	81
Children's Act, 1908	9
Clinics	7
Convalescent Treatment	89
Coroners' Courts	47
Cowsheds	67
Customs and Inland Revenue Act, 1890	40

D.

Day Nurseries	8
Deaths	13, 14, 19
Deaths, Causes of, Table	19
,, Infants	20, 21
,, In Public Institutions	14-17
,, In Wards	13
,, Zymotic Mortality	24
Death Rates	13, 15, 16
Density of Population	11
Diarrhoea	79, 80
Diphtheria	75
,, Prevention	75

	<i>Page</i>
Diphtheria Schick Test	75-79
" Anti-toxin	75
Disinfection	85, 86

E.

Eating Houses	43
Encephalitis Lethargica	81
Enteric Fever	75

F.

Factories and Workshops	41-43
Families	3
Food and Drugs, Tables of Samples	70-72
Food Inspection and Tables	54-64

G.

General Hospitals	5
Graded Milk	66

H.

Health Services, Hospitals, etc.	5-7
" Visitors, Summary	94-96
" Visiting	9, 86
House-to-house Inspections	26, 27
Housing	32, 33, 48-52
" and Town Planning Act	40
Houses let in Lodgings	40
Home Workers, Table	42

I

Ice Cream Regulations	37
Infant Mortality	13, 20, 21
" " of Illegitimates	3
Infectious Diseases, Control of	74
Influenza	80
Informal Samples	73
Inhabited Dwellings	3
Inspections	28, 29

L.

Laboratory Facilities	9, 97
Laundries	43
Legal Proceedings	34-36, 69, 73
London County Council Bye-Laws	39

M.		<i>Page</i>
Maternity and Child Welfare Centres ..	86, 90-92, 94, 95	
" Nursing Homes	9	
Maternal Mortality	9, 89	
Measles	79	
"Merchandise Marks" Act	37	
Midwives	8	
Milk and Dairies (Amendment) Act, 1922 ..	65, 66	
Milksellers	66	
Mortality Statistics	19-25	
Mortuaries	47	
Municipal Day Nursery	8	
 N.		
Notices served	28-29	
Notifiable Diseases	84	
Nursing in the Home	8	
 O.		
Offensive Trades	67	
Ophthalmia Neonatorum	80-81	
Orthopœdic Clinics	8	
 P.		
Paratyphoid B. Fever	75	
Part-time Officers	4	
Population	10	
" in Wards	11	
Poliomyelitis	81	
Puerperal Fever	80	
" Pyrexia	80	
" Sepsis, Deaths	89	
Public Health Officers	4-5	
" " (Condensed Milk) Regulations, 1923 and 1927	68	
" " (Dried Milk) Regulations, 1923 and 1927 ..	68	
" " (Preservatives in Food) Regulations, 1925 ..	97	
" " (Meat) Regulations, 1924	53	
Public Vaccinators	5	
 R.		
Rag Flock Acts, 1911 and 1928	37	
Rateable Value	3	
Rats and Mice (Destruction) Act	44	
Reception House, Families Admitted	82-83	
Registered Births and Deaths	18	

S.	<i>Page</i>
Sale of Food and Drugs Acts	69
Scabies	46
Scarlet Fever	74
Schick Test and Inoculation against Diphtheria ..	75-79
School Clinics	8
Slaughterhouses	53
Smoke Abatement	39-40
Smallpox	74
Separate Occupiers	3
Sputum, Examinations of	9, 97
Sunlight Treatment	89
Southwark Invalid Kitchens Society	90
Statistics and Social Conditions	3
Still Births	3
 T. 	
Tuberculosis	97-108
 U. 	
Underground Bakehouses	43, 68
Unmarried Mothers	9
Unsound Food	54-64
Ultra-Violet Rays Treatment	89
 V. 	
Vaccination Acts	25
Vaccination Officers	5
Venereal Disease Clinics	8
Verminous Persons and Children	46, 47
,, Rooms and Bedding	45, 46
Vital Statistics, Summary of	3
,, ,, Table	22-23
 W. 	
Water Supply (P.H. Act, Sec. 48) (L.C.C. G.P. Act, 1907)	40, 41
Whooping Cough	80
Workshops (Women's)	43
Works Completed	30, 31
 Z. 	
Zymotic Mortality	24

BOROUGH OF SOUTHWARK.

PUBLIC HEALTH DEPARTMENT,

TOWN HALL,

WALWORTH ROAD, S.E.17.

To His Worship the Mayor, Aldermen and Councillors,

SIR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report on the Health of your Borough for the year 1931 and, in so doing, I wish to place on record the death of your late Medical Officer, Dr. H. Wilson, in August, whom I succeeded in October.

The Health of the Borough for the period under review was good, there being fewer epidemic diseases than for many years previous and fewer deaths from these diseases than ever before recorded.

In spite of the above facts, the Crude Death Rate has increased to 14 as compared with 12.5 for the previous year; this is accounted for by a large increase in the number of deaths in the age period over 65 years of age, there being 200 more deaths in this age group than in the previous year.

The estimated population figure has considerably decreased, there being 5,600 less persons than in 1929; nevertheless the birth-rate remained steady at 16.9.

Infant mortality rate of 61 is extremely satisfactory and speaks well for the Maternity and Child Welfare services functioning in this Borough.

The Maternal Mortality figure of 3.3 per 1,000 total births compares favourably with that for England and Wales which returns a figure of 3.95 per 1,000 total births.

The Housing conditions in the Borough are receiving the special attention of the Council. Since coming into office, I have represented to you 10 small areas, comprising 373 dwellings, suitable for clearance and re-housing schemes concerning which, further remarks will be found under the appropriate headings.

The London County Council granted housing accommodation to 161 Southwark families on grounds of health or serious overcrowding.

A very successful Health Week and Health Exhibition was organised by the Council and held from October 19th to the 24th. Your efforts were greatly appreciated by the citizens of the Borough, as indicated by the large attendance which numbered 23,824 persons.

In conclusion, I wish to thank the various Chairmen and Committees on which I serve, for their indulgence and support. I also wish to place on record my appreciation of the ready help and advice given to me by the Town Clerk and other Chief Officials of the Council.

To the Inspectoral and Clerical Staffs of the Health Department I tender my best thanks for their loyalty and support during the very difficult period of taking up a new appointment.

I have the honour to be,

Sir, Ladies and Gentlemen,

Yours obediently,

W. STOTT.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	1,131
Population (Census, 1921)	184,404
Population (estimated, 1931)	172,900
Number of inhabited houses (1921)	26,496
Number of inhabited houses (end of 1931) according to rate books	26,382
Number of families or separate occupiers (Census, 1921) ..	46,727
Rateable value	£1,301,551
Sum represented by penny rate	£4,980

SOCIAL CONDITIONS.

The northern end of this Borough is rapidly being commercialised, the industries chiefly represented being the warehouses and food factories on the river banks; within this area the printing trade is largely in evidence, while scattered through the Borough are engineering works of considerable size and well-known reputation.

The Walworth area is largely inhabited by costermongers, and other districts are peopled by city workers and artizans. None of these occupations have any definite effect on the health of the people, which is quite up to the average for London.

VITAL STATISTICS.

	Total.	M.	F.	
Live Births—Legitimate	2,792	1,412	1,380	} Birth Rate, 16·9
Live Births—Illegitimate	136	79	57	
Still Births, 99.				Rate per 1,000 total births, 34.
Deaths, 2,428.				Death rate, 14·0
Percentage of total deaths occurring in public institutions, 66·9.				
Number of women dying in, or in consequence of childbirth:—				
From sepsis				5
Other causes				5
Death rate of infants under 1 year of age per 1,000 live births:—				
Legitimate				61
Illegitimate				88
Deaths from Measles (all ages)				3
Do. Whooping Cough (all ages)				18
Do. Diarrhoea (under 2 years of age)				16
No excessive or unusual mortality has occurred during the year.				

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 (to May 31st, 1931).

E. Fairfield Thomas, M.D., Ch.B., D.P.H., Acting Medical Officer of Health (June 1st to September 30th, 1931).

William Stott, M.B., B.S. (Hnrs.), D.P.H. (from October 1st, 1931).

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

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

SANITARY INSPECTORS.

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

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

* 1st Class Engineer (Board of Trade.)

HEALTH VISITORS.

† * a Jane Holland (Superintendent (to October 12th, 1931).	* a Florence Adair.
|| a Annie Rogers.	† * a Mary Freeth.
† * a Clare Cottrill.	† a Mary George.
* a Winifred Sayer.	† * a Annie Kingsmill.
|| * a Kathleen Hinde.	|| * a Winifred Cleverley.

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

(1 Storekeeper, 1 Home Help.)

PART TIME OFFICERS.

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

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

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

PUBLIC VACCINATORS.

P. O'Malley, M.B., B.Ch., B.A.O., N.U.I.
 G. G. Lawson, M.B., Ch.B., D.P.H.
 D. M. Clune, M.B., B.Ch., B.A.O., N.U.I.
 A. M. Foxe, M.B., B.Ch., B.A.O., N.U.I.

VACCINATION OFFICERS.

E. J. A. Holt. C. R. Fifer.

OTHER OFFICERS.

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

TUBERCULOSIS DISPENSARY.

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

NURSES.

M. E. Bennett, Cert. of Sanitary Institute, S.R.N.
 F. C. Rogers, C.M.B., S.R.N.
 F. K. Jay, C.M.B., S.R.N.

GENERAL PROVISION OF HEALTH SERVICES.

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

The following General Hospitals are within the area:—

Guy's Hospital.
 Evelina Hospital for Children.
 Royal Eye Hospital.

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.

Guy's Hospital.

Is situated within two minutes of London Bridge Station, contains 646 beds, of which the majority are allocated to general Medical and Surgical cases. Adequate accommodation is provided for the Special Departments, including Obstetrics and Gynaecology,

Children's Diseases; Diseases of the Eye, of the Ear, Nose and Throat, and of the Skin; Orthopaedics, Neurology, Genito-Urinary Diseases, etc. The Post-Mortem Room has recently been rebuilt, and new Clinical Laboratories have recently been completed.

This hospital is largely used by the inhabitants of Southwark, roughly a fifth of the in-patients are from this Borough, and a very much larger proportion of the out-patients.

Evelina Hospital, Southwark Bridge Road.

For children, 80 cots.

Royal Eye Hospital (London School of Ophthalmic Surgery), St. George's Circus, Southwark.

40 beds, 2 cots.

St. Thomas's Hospital.

This hospital is situated about $\frac{1}{4}$ mile beyond the Southwark boundary, and contains 640 beds and a large well organised Out-patient Department. It is made considerable use of by Southwark patients who live adjacent to it or who find facilities for access easy. Its open situation makes it well known and adds to its popularity.

Special Departments.—Diseases of the Eye, Ear, Throat, Skin, Teeth, and of Children, Nervous Diseases, Mental Diseases, Tuberculosis, Venereal Disease, Orthopaedic, Electro-Cardiographic, Massage, Electro-Therapeutic, Remedial Exercises, Radiology, also a Maternity Ward.

King's College Hospital, Denmark Hill.

Special and General Hospital, with 384 beds. Midwifery cases are attended at their own homes, and there is a Special Maternity Ward which is utilised by a few Southwark patients.

Royal Waterloo Hospital, Waterloo Road.

For Women and Children, 130 beds.

Belgrave Hospital, 1, Clapham Road.

For Children, 76 beds.

General Lying-in Hospital, York Road.

For Women, 45 beds. 255 Southwark mothers were treated at this hospital during 1931. Our Health Visitors are responsible for the supervision of the homes of these cases and the preparation for

their coming confinement: they are also followed up by our Health Visitors on their return from hospital.

In addition to the above hospitals, facilities for confinement are also obtained at Newington Institution, where 149 mothers were treated during 1931, many of these cases coming from lodging houses, concerning which we had no information before the confinement.

AMBULANCE SERVICES are provided by the London County Council for Infectious, Public Assistance cases, Accidents, and 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 (Two)—

Crossways Mission, New Kent Road.
 Welfare Centre, 56, Lambeth Road.

Wholly Voluntary (Four)—

St. John's Institute, Larcom Street.
 Roman Catholic Centre, 148, New Kent Road.
 Salamon's Centre, Newcomen Street.
 St. George's Welfare Centre (86, Borough Road).

Ante-Natal Clinics—

Sutherland House, Monday, 10 a.m.
 (Dr. D. Shepherd.)
 Sutherland House, Friday, 10 a.m.
 (Dr. M. Bergin.)
 56, Lambeth Road, 1 session monthly.
 (Dr. D. Shepherd.)

(2) **DAY NURSERIES.**—There are 3 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.

The number of attendances during the year was 7,845.

Guy's Hospital have in connection with their Maternity scheme a Day Nursery which is used by children from Southwark and Bermondsey, and has accommodation for 40 children. The number of attendances during the year was 7,900.

Crossways Mission, New Kent Road, has a Day Nursery accommodating 46 children, and the number of attendances during the year was 9,479.

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

(5) **TUBERCULOSIS DISPENSARY.**—The Municipal Dispensary is at 82 and 84, Newington Causeway.

(6) **SCHICK IMMUNISATION CLINIC**—Sutherland House. Sessions every Thursday afternoon at 2.30.

(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.

NURSING IN THE HOME.

General Nursing is carried out by the Ranyard Nurses, the Benson Nursing Association (which is subsidised by the Newington Charities to the extent of £400 per annum) and the Catholic Nursing Home, 60, Lambeth Road. A few parishes also have their own private nurses.

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

MIDWIVES.

The number of midwives practising in the Borough is approximately 56.

No arrangements have been made for the employment of, or for subsidising midwives.

LABORATORY FACILITIES.

The examination or analysis of clinical matter (sputum, swabs, etc.), water, milk and foodstuffs are made by the Borough Analyst, who is a whole-time Officer of the Council.

MATERNITY AND NURSING HOMES.

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

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ETC.

Cases coming to the knowledge of the Medical Officer of Health are referred to the Southwark Diocesan Society to which the Council have this year made a grant of £27.

AMBULANCE FACILITIES.

The arrangement for the removal of (a) infectious cases, (b) maternity patients, are satisfactory, and no change has been made during the year.

MATERNAL MORTALITY.

The Council have made full provision for expectant and nursing mothers by the establishment of Ante-Natal Clinics, Consultants and Nurses for cases of Puerperal Fever and Puerperal Pyrexia, sterilised maternity outfits and the appointment of a whole-time home help.

In addition, the Borough is well served by general and lying-in hospitals.

HEALTH VISITING.

The arrangements made for visiting of children between the ages of 1 and 5 years will be found on pages 86 and 87 (Maternity and Child Welfare Services).

CHILDREN'S ACT, 1908.

The functions under Part I of this Act are at present being carried out by the London County Council.

POPULATION.

At the end of the year 1930, the Registrar-General intimated that in computing his estimate of population for mid-year, 1930, he intended to take into account the populations as ascertained by the 1931 Census.

At the present time (February, 1932) the enumerated population is not to hand, but the Registrar-General has sent me an "estimated resident" population for mid-year, 1931, which is 172,900.

This is no doubt very near to the Census figure, and the rates in my report have been calculated on this number.

It will be seen by the Table hereunder that the population of the Borough has been steadily decreasing, which may be accounted for by the various clearance schemes undertaken during the last few years, in which dislodged persons have been accommodated on estates outside Southwark.

The Census returns will no doubt show that the diminution in the number of inhabitants has not been uniform throughout the Borough, but that the northern end or riverside districts will have suffered most in this respect. This is accounted for by the fact that this portion of the Borough is becoming more commercialised each year.

The population of the several divisions of the Borough at each Census since 1851, and also the estimated population for 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930 and 1931 are as follows:—

		Newington.		St. George's.		St. Savior's and Christchurch.
1851	..	64,816	..	51,824	..	35,731
1861	..	82,157	..	55,510	..	36,169
1871	..	88,691	..	56,083	..	31,294
1881	..	107,831	..	58,652	..	31,628
1891	..	115,663	..	59,740	..	27,116
1901	..	121,863	..	60,998	..	23,319
1911	..	116,819	..	55,782	..	19,316
1921	..	114,987	..	52,114	..	17,303
1922	..	116,683	..	52,996	..	17,541
1923	..	117,200	..	52,690	..	17,574
1924	..	117,500	..	52,610	..	17,604
1925	..	118,300	..	52,980	..	17,720
1926	..	118,120	..	52,760	..	17,720
1927	..	115,500	..	51,650	..	17,100
1928	..	113,850	..	50,730	..	16,720
1929	..	112,350	..	49,900	..	16,250
1930	..	112,350	..	49,900	..	16,250
1931	..	108,431	..	48,928	..	15,541

The Ward distribution was as follows:—

TABLE 1.

WARD.	Area in Acres.	Population.			Persons to the Acre.
		Males.	Females.	Total.	
St. Mary ..	127	10,878	10,799	21,677	171
St. Paul ..	133	8,924	9,429	18,353	138
St. Peter ..	90	8,940	7,774	16,714	186
St. John ..	85	8,814	10,298	19,112	237
Trinity ..	109	7,725	7,627	15,352	141
All Saints ..	89	8,064	9,159	17,223	194
St. Michael ..	93	9,783	9,602	19,385	208
St. Jude ..	97	6,285	6,511	12,796	132
St. George ..	98	8,240	8,507	16,747	171
Christchurch ..	77	3,630	3,313	6,943	90
St. Saviour ..	133	4,001	4,597	8,598	65
Whole Borough	1,131	85,284	87,616	172,900	153

BIRTHS.

The number of Births registered in the Borough during 1931 was 2,544, of which 1,296 were males, and 1,248 females. This represents a birth-rate of 14.7 per 1,000 inhabitants.

The number of births registered in the individual parishes was as follows:—Newington, 1,322; St. George the Martyr, 596; Christchurch and St. Saviour's, 626.

Of the 2,544 births registered in the Borough 292 were transferred away, the permanent residence of the parents being outside the Borough. 676 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 292 "outward" transfers are deducted and the 676 "inward" transfers are added to the 2,544 births actually registered in the Borough, the net amount of births belonging to Southwark for the year is found to be 2,928. This gives a corrected birth-rate of 16.9.

TABLE 2.

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

		Newington.	St. George's.	St. Saviour's and Christchurch.	Whole Borough.
1902	..	34.4	32.7	29.3	33.3
1903	..	33.3	31.3	30.0	32.3
1904	..	32.3	31.2	27.6	31.5
1905	..	30.3	30.6	26.2	30.0
1906	..	29.0	30.5	25.2	29.1
1907	..	29.1	29.2	25.1	28.7
1908	..	28.7	28.6	23.2	28.1
1909	..	27.7	27.5	23.0	28.3
1910	..	28.2	28.1	24.3	27.8
1911	..	29.0	31.7	27.9	29.6
1912	..	29.0	30.7	28.0	29.4
1913	..	31.8	32.7	26.0	31.5
1914	..	29.7	31.4	25.5	29.7
1915	..	28.8	30.2	29.2	29.2
1916	..	28.4	27.1	24.4	27.6
1917	..	25.2	24.8	20.2	24.6
1918	..	21.8	21.0	18.4	21.3
1919	..	24.1	23.6	16.8	23.2
1920	..	32.1	32.2	28.5	31.8
1921	..	27.7	28.7	21.3	27.3
1922	..	24.0	25.5	24.3	24.4
1923	..	23.9	25.4	23.7	24.3
1924	..	22.0	23.6	22.4	22.5
1925	..	20.1	23.9	21.1	21.2
1926	..	19.9	21.6	18.1	20.2
1927	..	18.6	20.6	17.4	19.0
1928	..	18.0	21.1	19.4	19.2
1929	..	17.4	20.1	17.1	18.1
1930	..	16.0	18.6	16.4	16.8
1931	..	16.2	18.8	16.5	16.9

TABLE 3.

Number of Births and Deaths belonging to each Ward, with the Birth and Death Rates, also the Infantile Mortality Rate, 1931.

WARD.	BIRTHS.				Infantile Mortality.	DEATHS.			
	Males.	Females.	Total.	Birth-rate.		Males.	Females.	Total.	Death-rate.
St. Mary	181	169	350	16.1	63	207	148	355	16.4
St. Paul	160	149	309	16.8	52	138	123	261	14.2
St. Peter	105	125	230	13.8	52	102	82	184	11.0
St. John	170	174	344	18.0	58	108	115	223	11.7
Trinity	126	117	243	15.8	66	124	89	213	13.9
All Saints	130	147	277	16.1	61	145	111	256	14.5
St. Michael	175	142	317	16.4	63	159	141	300	15.5
St. Jude	148	124	272	21.3	62	108	88	196	15.3
St. George	171	159	330	19.7	61	114	93	207	12.4
Christchurch	62	63	125	18.0	72	72	53	125	18.0
St. Saviour	63	68	131	15.2	76	52	56	108	12.6
Borough	1491	1437	2928	16.9	61	1329	1099	2428	14.0

DEATHS.

1,750 deaths were registered in the sub-districts of the Borough during 1931.

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

920 deaths occurred in the Public Assistance Institutions, the various hospitals, and other public places for the treatment of the sick, found within our boundaries. These deaths in institutions comprised 415 belonging to Southwark and 505 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 1,210.

When the 532 deaths of those persons who were non-parishioners, but who died in our Borough, have been deducted, and the 1,210 “out-lying” deaths added, the actual or “corrected” number of deaths belonging to the sanitary area is found to be 2,428 of which number 1,329 were males and 1,099 females.

The death-rate, when calculated on this “corrected” number, is 14.0 per 1,000 inhabitants for the whole Borough for the year 1931, as against a rate of 12.5 for 1930.

The percentage of persons dying away from Southwark in relation to the total number of deaths belonging to the Borough was 49.8.

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

Southwark Hospital	..	..	..	..	..	589
Mental Hospitals ..	..	..	..	..	..	94
London County Council Hospitals	..	..	..	..	..	30
St. Thomas's Hospital	..	..	..	..	..	60
Lambeth Hospital	..	..	..	..	..	110
Belgrave Hospital	..	..	..	..	..	17
King's College Hospital	..	..	..	..	..	21
Royal Waterloo Hospital	..	..	..	..	..	13
In the Street and other Institutions	..	..	..	..	..	276
						—
Total	..	..	..	..	..	1210
						—

TABLE 4.

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

		Newington.	St. George's.	Christchurch and St. Saviour's.	Whole Borough.
1902	..	20.4	24.0	22.5	21.7
1903	..	17.6	18.6	18.6	18.1
1904	..	19.0	21.4	21.6	20.0
1905	..	17.9	19.2	18.7	18.5
1906	..	17.8	18.5	17.5	18.0
1907	..	17.6	19.3	16.4	18.0
1908	..	16.1	17.2	14.3	16.3
1909	..	15.8	18.6	16.6	16.7
1910	..	15.9	15.6	16.5	15.9
1911	..	17.3	19.7	21.1	18.4
1912	..	15.8	18.5	17.4	16.8
1913	..	16.5	20.0	20.2	17.9
1914	..	16.5	19.6	20.7	17.8
1915	..	19.3	23.4	22.0	20.8
1916	..	16.5	18.4	17.3	17.1
1917	..	17.9	19.5	17.9	18.3
1918	..	22.9	23.7	23.1	23.2
1919	..	14.6	16.1	15.5	15.1
1920	..	14.4	14.6	12.9	14.4
1921	..	14.3	14.6	13.1	14.3
1922	..	15.2	16.1	15.4	15.5
1923	..	12.2	13.6	13.7	12.8
1924	..	13.5	15.3	15.1	14.2
1925	..	12.4	13.8	15.5	13.1
1926	..	12.3	13.3	14.1	12.7
1927	..	13.0	14.3	13.3	13.4
1928	..	12.3	13.4	13.8	12.7
1929	..	15.1	16.5	16.2	15.6
1930	..	12.6	12.8	11.2	12.5
1931	..	13.7	14.5	15.6	14.0

TABLE 5.
Death Rates for the various Wards for the last Fifteen Years.

WARD.	1917.	1918.	1919.	1920.	1921.	1922.	1923.	1924.	1925.	1926.	1927.	1928.	1929.	1930.	1931.
St. Mary.. ..	18·6	25·1	15·7	16·4	15·0	16·0	14·6	14·4	12·8	12·2	13·5	13·7	16·2	13·6	16·4
St. Paul	17·2	22·0	14·5	12·9	14·9	15·6	12·3	14·5	12·7	12·0	12·7	11·8	15·9	11·6	14·2
St. Peter.. ..	17·4	21·7	11·3	13·1	11·4	13·8	10·0	12·0	11·9	12·3	10·8	9·1	12·3	10·1	11·0
St. John	18·0	21·0	14·0	14·2	14·3	16·5	12·8	14·0	13·8	13·0	13·6	13·4	17·1	14·4	11·7
Trinity	17·8	26·1	17·3	14·5	14·6	16·9	13·1	14·8	11·7	13·4	16·1	13·3	14·9	13·8	13·9
All Saints ..	16·6	21·8	15·0	15·2	15·4	12·8	10·4	11·8	11·2	10·9	11·6	11·5	13·8	11·7	14·5
St. Michael ..	19·1	23·1	15·4	14·4	15·7	17·4	14·2	16·7	15·6	14·2	14·6	14·7	17·2	13·7	15·5
St. Jude	20·0	24·9	18·0	15·8	14·0	15·3	14·3	15·4	12·9	12·6	16·1	13·4	18·2	13·1	15·3
St. George ..	19·8	23·7	15·7	14·1	13·8	15·1	12·4	13·5	12·4	12·9	12·6	11·8	14·5	11·5	12·4
Christchurch ..	20·8	25·1	16·9	14·5	14·4	17·9	16·0	19·2	18·2	16·6	13·3	16·5	17·5	13·4	18·0
St. Saviour ..	15·2	21·1	14·1	11·3	11·9	13·0	11·7	11·3	12·9	11·8	13·2	11·4	15·0	9·2	12·6

TABLE 6.

Showing the number of Deaths that occurred in Public
Institutions in the Borough during the year 1931.

Institution.	In 1st Quarter.	In 2nd Quarter.	In 3rd Quarter.	In 4th Quarter.	During Year.
Newington Institution ..	90	59	39	70	258
Evelina Hospital	18	12	6	8	44
Guy's Hospital	181	144	123	162	610
60, Lambeth Road (Catholic Nursing Home)	1	2	1	—	4
Royal Eye Hospital ..	—	—	—	3	3
Other Addresses	—	—	—	1	1
Total	290	217	169	244	920

TABLE 7.

Births and Deaths Registered in the Sub-Districts of the Borough in 1931.

First Quarter.					Second Quarter.				
SUB-DISTRICTS.	Births.		Deaths.		SUB-DISTRICTS.	Births.		Deaths.	
	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.
Newington	188	201	147	168	Newington	173	169	83	84
St. George the Martyr, West ..	85	76	50	63	St. George the Martyr, West ..	94	63	32	23
Christchurch and St. Saviour ..	73	78	139	78	Christchurch and St. Saviour ..	84	68	103	59
Totals	346	355	336	309	Totals	351	300	218	166
Third Quarter.					Fourth Quarter.				
Newington	167	173	55	67	Newington	128	123	100	90
St. George the Martyr, West ..	67	73	15	17	St. George the Martyr, West ..	68	70	31	29
Christchurch and St. Saviour ..	77	73	83	55	Christchurch and St. Saviour ..	92	81	107	72
Totals	311	319	153	139	Totals	288	274	238	191
					Births.		Deaths.		
					M.	F.	M.	F.	
In 1st Quarter					346	355	336	309	
In 2nd Quarter					351	300	218	166	
In 3rd Quarter					311	319	153	139	
In 4th Quarter					288	274	238	191	
Totals					1296	1248	945	805	

TABLE 8.

Deaths belonging to the Sanitary Area, with the Causes of Death at all Ages during 1931.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.													Institutions.
	All Ages.	0.	1.	2.	5.	15.	25.	35.	45.	55.	65.	75.		
All causes	2428	179	44	30	69	123	88	137	278	416	574	490	—	
1. Enteric Fever	1	—	—	—	—	1	—	—	—	—	—	—	—	
2. Measles	3	1	1	1	—	—	—	—	—	—	—	—	1	
3. Scarlet Fever	3	1	—	1	—	1	—	—	—	—	—	—	1	
4. Whooping Cough	18	10	5	3	—	—	—	—	—	—	—	—	4	
5. Diphtheria	8	—	2	3	1	2	—	—	—	—	—	—	3	
6. Influenza	35	1	—	—	—	1	3	5	5	12	6	2	3	
7. Encephalitis Lethargica ..	1	—	—	—	—	1	—	—	—	—	—	—	—	
8. Cerebro-Spinal Fever ..	10	1	4	1	1	1	—	1	—	1	—	—	7	
9. Phthisis (Pulmonary Tuberculosis)	208	—	2	1	5	43	29	30	41	44	13	—	16	
10. Other Tuberculous Diseases	28	1	2	1	8	7	2	2	3	1	1	—	15	
11. Syphilis	6	—	—	—	—	—	—	1	3	2	—	—	—	
12. Gen. Paralysis of Insane, Tabes Dorsalis	12	—	—	—	—	—	—	5	2	4	1	—	—	
13. Cancer, Malignant Disease	290	—	—	1	2	—	10	18	51	78	90	40	122	
14. Diabetes	17	—	—	—	—	—	1	—	3	4	7	2	4	
15. Cerebral Haemorrhage ..	67	—	—	—	—	—	—	4	5	15	32	11	12	
16. Heart Disease	676	—	—	1	3	16	11	19	50	94	223	259	222	
17. Aneurysm	8	—	—	—	—	—	—	—	2	2	3	1	—	
18. Other Circulatory Diseases	84	—	—	—	—	—	—	—	5	21	26	32	41	
19. Bronchitis	124	6	2	—	—	2	2	5	9	14	41	43	21	
20. Pneumonia (all forms) ..	204	43	15	9	10	4	10	13	23	30	32	15	69	
21. Other Respiratory Diseases	20	—	1	2	—	1	—	1	5	6	3	1	—	
22. Peptic Ulcer	24	—	—	—	—	—	1	4	4	5	8	2	27	
23. Diarrhoea, etc.	18	13	3	—	—	—	—	—	2	—	—	—	11	
24. Appendicitis	10	—	1	—	1	3	1	1	1	—	1	1	12	
25. Cirrhosis of Liver	5	—	—	—	—	—	—	—	2	3	—	—	3	
26. Other Diseases of Liver ..	3	—	—	—	—	—	—	1	1	—	1	—	—	
27. Other Digestive Diseases ..	41	2	1	—	4	—	2	3	5	9	7	8	—	
28. Nephritis and Bright's Disease	119	—	—	—	—	8	3	5	15	33	33	22	64	
29. Puerperal Sepsis	5	—	—	—	—	2	1	2	—	—	—	—	3	
30. Other Puerperal Causes ..	5	—	—	—	—	1	2	2	—	—	—	—	2	
31. Congenital Debility and Malformation, including Premature Birth, etc. ..	82	79	—	1	2	—	—	—	—	—	—	—	35	
32. Senility	19	—	—	—	—	—	—	—	—	—	1	18	—	
33. Suicide	17	—	—	—	—	1	—	3	6	4	3	—	4	
34. Other Violence	90	3	2	1	11	13	1	4	15	12	15	13	54	
35. Other Defined Diseases ..	166	18	3	4	21	15	9	8	20	22	26	20	—	
36. Diseases ill-defined or unknown	1	—	—	—	—	—	—	—	—	—	1	—	164	
Totals	2428	179	44	30	69	123	88	137	278	416	574	490	920	

TABLE 9.

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

The deaths of Infants under one year of age to 1,000 births were 61 during the year 1931.

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

1902	..	166	1917	..	111
1903	..	148	1918	..	124
1904	..	174	1919	..	95
1905	..	148	1920	..	86
1906	..	144	1921	..	90
1907	..	142	1922	..	79
1908	..	131	1923	..	68
1909	..	119	1924	..	71
1910	..	115	1925	..	77
1911	..	145	1926	..	70
1912	..	105	1927	..	61
1913	..	115	1928	..	70
1914	..	123	1929	..	81
1915	..	132	1930	..	57
1916	..	98	1931	..	61

The average number of Infantile deaths for the last thirty years is 108.

TABLE 10.
BOROUGH OF SOUTHWARK.
INFANT MORTALITY, 1931.

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

CAUSE OF DEATH.	Under 1 week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	4 weeks and under 3 Months	3 Months and under 6	6 Months and under 9	9 Months and under 12.	Total Deaths under 1 Year.
All causes	47	9	8	7	71	34	33	16	25	179
Measles	—	—	—	—	—	—	—	—	1	1
Diphtheria	—	—	—	—	—	1	4	3	2	10
Whooping Cough	—	—	—	—	—	4	4	1	2	13
Diarrhoea	—	—	—	2	2	—	—	—	—	—
Enteritis	—	—	—	—	—	—	—	—	1	1
Influenza	—	—	—	—	—	—	—	1	—	1
Cerebro-Spinal Fever	—	—	—	—	—	—	—	—	1	1
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	—	—	—	—	—	—	1	—	—	1
Other Tuberculosis	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	7	—	1	1	9	5	4	1	2	21
Premature Birth	23	4	—	—	27	3	—	—	—	30
Atrophy, Debility and Marasmus	3	—	1	—	4	6	5	1	—	16
Atelectasis	7	1	—	—	8	1	—	—	—	9
Erysipelas	—	—	—	—	—	—	1	—	—	1
Syphilis	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
Meningitis	—	—	1	—	1	1	—	1	—	3
Laryngitis	—	—	—	—	—	—	—	—	—	—
Convulsions	3	—	—	—	3	—	—	—	—	3
Gastritis	—	—	—	—	—	—	—	—	—	—
Intussusception	—	—	—	—	—	—	1	—	—	1
Dentition	—	—	—	—	—	—	—	—	—	—
Dermatitis	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	1	—	—	1	—	2	1	2	6
Pneumonia	—	2	3	1	6	3	5	2	7	23
Broncho-Pneumonia	—	—	1	—	1	7	2	3	5	18
Lobar-Pneumonia	—	—	—	—	—	—	1	—	1	2
Suffocation (overlying)	—	—	—	1	1	1	—	—	—	2
Accident (other)	—	—	—	—	—	1	—	—	—	1
Nephritis, Acute	—	—	—	—	—	—	—	—	—	—
Icterus Neonatorum	1	—	—	—	1	—	—	—	—	1
Septic Pyaemia	—	—	—	—	—	1	—	—	—	1
Otitis and Mastoiditis	—	—	—	—	—	—	—	—	—	—
Other Causes	3	1	1	2	7	—	3	2	1	13
Not classified above	—	—	—	—	—	—	—	—	—	—
	47	9	8	7	71	34	33	16	25	179

Nett Births in the year	Legitimate	2792
	Illegitimate	136
Nett Deaths in the year	Legitimate Infants	167
	Illegitimate Infants	12

TABLE 11.

Vital Statistics of Separate Localities in 1931 and previous years.

NAMES OF LOCALITIES.	1. ST. MARY'S WARD.				2. ST. PAUL'S WARD.				3. ST. PETER'S DISTRICT.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
YEAR.												
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
1928	22,274	427	305	24	18,827	276	223	21	16,960	259	166	19
1929	21,981	347	357	18	18,570	330	295	18	16,736	297	206	26
1930	21,981	327	300	19	18,570	285	216	16	16,736	247	169	11
Averages of Years 1921 to 1930	22,548	429	320	33	18,150	364	256	21	17,302	327	198	23
1931	21,677	350	355	22	18,353	309	261	16	16,714	230	184	12

NAMES OF LOCALITIES.	7. ST. MICHAEL'S WARD.				8. ST. JUDE'S WARD.				9. ST. GEORGE'S WARD.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
YEAR.												
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
1928	19,903	404	292	28	13,523	290	181	21	17,304	410	205	13
1929	19,577	338	337	33	13,302	279	242	28	17,021	386	246	30
1930	19,577	366	268	24	13,302	246	174	17	17,021	316	195	17
Averages of Years 1921 to 1930	20,483	446	315	37	13,676	302	199	23	17,705	447	241	31
1931	19,385	317	300	20	12,796	272	196	17	16,747	330	207	20

BOROUGH OF SOUTHWARK.

4. ST. JOHN'S DISTRICT.				5. TRINITY WARD.				6. ALL SAINTS' DISTRICT.			
Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
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	16,451	358	222	15	21,827	420	239	33
19,077	424	259	18	16,174	337	261	12	21,347	381	247	31
18,806	414	252	35	15,942	302	212	19	21,041	370	243	23
18,559	378	317	36	15,732	288	235	19	20,763	315	287	29
18,559	371	268	21	15,732	280	217	18	20,763	292	243	16
19,144	466	275	34	16,142	372	230	24	21,118	441	255	32
19,112	344	223	20	15,352	243	213	16	17,223	277	256	17

10. CHRISTCHURCH WARD.				11. ST. SAVIOUR'S WARD.			
Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
9,230	189	133	21	9,514	210	113	21
8,389	184	150	9	9,152	242	119	23
8,401	217	134	14	9,173	199	107	10
8,424	207	162	13	9,180	187	104	14
8,478	197	154	15	9,242	177	119	13
8,480	170	141	13	9,240	151	109	8
8,183	155	109	8	8,917	143	118	12
8,000	152	132	15	8,720	172	99	7
7,775	150	136	16	8,475	128	127	10
7,775	119	104	5	8,475	148	78	8
8,313	174	135	13	9,009	176	109	13
6,943	125	125	9	8,598	131	108	10

TABLE 12.
Deaths in the Sanitary Area from the principal Zymotic Diseases in
the various Wards for 1931.

WARD OR DISTRICT.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.
St. Mary	—	—	1	—	2	1	1
St. Paul	—	—	—	2	3	—	1
St. Peter	—	—	—	2	—	—	2
St. John	—	1	—	—	2	—	5
Trinity	—	—	—	2	—	—	—
All Saints	—	—	—	—	3	—	1
St. Michael	—	1	—	1	3	—	1
St. Jude	—	—	—	—	3	—	1
St. George	—	1	—	—	—	—	2
Christchurch	—	—	—	—	2	—	2
St. Saviour	—	—	2	1	—	—	2
Borough	—	3	3	8	18	1	18

TABLE 13.
ZYMOTIC MORTALITY FOR THE SANITARY AREA, 1931.
Showing the localities where the deaths occurred.

LOCALITY.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.
The Borough	—	2	1	2	5	—	4
Southwark Hospital ..	—	—	—	1	—	1	1
London County Council Hospitals	—	1	2	5	10	—	1
Newington Institution ..	—	—	—	—	—	—	—
Evelina Hospital	—	—	—	—	2	—	2
Guy's Hospital	—	—	—	—	—	—	1
St. Thomas's Hospital ..	—	—	—	—	—	—	—
Belgrave Hospital	—	—	—	—	—	—	1
Royal Waterloo	—	—	—	—	1	—	3
Other Addresses	—	—	—	—	—	—	5
TOTAL	—	3	3	8	18	1	18

TABLE 14.

Vaccination Officers' Return respecting the Vaccination of Children whose Births were Registered in 1930.

DATE.	Registration sub-districts comprised in vaccination officers' district.	Number of births returned in birth list sheets.	Number of these births duly entered in Columns 1, 2, 4 and 5 of the vaccination register (birth list sheets), viz.:—				Number of these births which are not entered in the vaccination register, on account (as shown by report book), of				
			Column 1, successfully vaccinated.	Column 2.		Column 5, dead, unvaccinated.	Postponement by medical certificate.	Removed to other districts and notified to vaccination officers of the districts.	Removal to places unknown, or which cannot be reached, and cases not having been found.	Cases remaining or temporarily unaccounted for.	Total number of certificates of successful vaccination received during the calendar year 1931.
1930.	1	1	3	4	6	7	8	9	10	11	12
1st Jan.	Northern Division	1,228	526	2	413	59	3	66	56	103	705
to											
31st Dec.	Southern Division	1,388	659	4	537	47	3	30	57	51	1,080
	TOTAL ..	2,616	1,185	6	950	106	6	96	113	154	1,785

SANITARY WORK.

ST. MARY'S WARD.

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

Alberta Street, Ambergate Street, Berryfield Road, Borrett Road, Brook Street, Cavour Street, Dante Road, Delverton Road, Longville Road, Manor Place, Penton Place, Sherston Place, Suffield Road, Tarver Road.

ST. PAUL'S WARD.

Aldred Road, Finchley Road, Fleming Road, Goschen Street, Horsman Street, Montpelier Street, Olney Street, Royal Road.

ST. PETER'S DISTRICT.

Cancel Street, Faraday Street, Inville Road, Kingston Street, Liverpool Street, Mann Street, Phelp Street, Portland Street, South Street, Villa Street, Westmoreland Road.

ST. JOHN'S DISTRICT.

Bodley Street, Content Street, Munton Road, Pollock Road, Sayer Street.

TRINITY WARD.

Arch Street, Bath House, County Terrace Street, Dorset Street, Devonshire House, Harmers Buildings, Parel Place, Tarn Street, Upper Bland Street.

ALL SAINTS' DISTRICT.

Alvey Street, Ann's Buildings, Chatham Street, East Street, Faraday Street, Innis Place, Larissa Street, Lt. Chatham Place, Rodney Road, Shorncliffe Road, South Street Buildings, Wooler Street.

ST. MICHAEL'S WARD.

Bittern Street, Clandon Buildings, Gable Cottages, Gray Street, Gt. Suffolk Street, Ilfracombe Buildings, Jubilee Dwellings, King James

Street, Lancaster Street, Lt. Lant Street, Lt. Suffolk Street, Murphy Buildings, Nelson Place, Pocock Street, Priory Buildings, Redcross Street, Quilp Street, Rodney Street, Scovell Road, Sturge Street, Toulmin Street, Union Street, Victoria Buildings, Westminster Bridge Road.

ST. JUDE'S WARD.

Austral Street, Barbel Street, Borough Road, Gladstone Street, Hayles Street, Hayles Buildings, King Edward Street, Lambeth Road, Newington Causeway, Pineapple Buildings, St. George's Buildings, Southwark Bridge Road, Temple Street, White Horse Yard.

ST. GEORGE'S WARD.

Beehive Cottages, Congreve Street, Cornbury Street, Dover Buildings, Kingsley Buildings, Laytons Grove, McBean's Buildings, Malling Place, Mermaid Court, Minnow Street, Surrey Villas, Waleran Buildings.

CHRISTCHURCH WARD.

Blackfriars Road, Cavan Terrace, Dolben Street, Gt. Charlotte Street, Isabella Street, Jane Street, Milton House, Nelson House, New Cut, Ufford Street.

ST. SAVIOUR'S WARD.

Borough High Street, Farnham Place, Holland Street, Martagon Flats, Mowbray Buildings, Nelson Buildings, Peabody Buildings, Stanhope Buildings, Wagstaff Buildings, Winchester Buildings, Zoar Street.

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

WARD or DISTRICT.	COMPLAINTS.					HOUSE TO HOUSE.					INFECTIOUS DISEASE.				
	Inspections.	Drains Tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.	Inspections.	Drains Tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.	Inspections.	Drains tested.	Re-Inspections.	Intimation Notices, P.H. Act.	Housing Notices.
St. Mary .. Mr. Syms.	756	7	1953	496	123	530	—	2051	320	138	110	3	156	39	6
St. Paul .. Mr. Mayhew.	728	32	2207	496	78	411	—	1312	247	68	82	53	221	47	7
St. Peter .. Mr. Banham.	483	10	1360	324	37	594	—	946	245	21	90	4	90	37	3
St. John .. Mr. White.	635	13	2692	364	76	177	—	334	85	23	74	38	119	32	5
Trinity .. Mr. Findley.	713	7	3441	578	234	177	1	478	161	114	87	10	252	54	23
All Saints .. Mr. Steele.	792	8	2956	590	125	309	—	847	186	31	92	53	186	41	10
St. Michael .. Mr. Hattersley	482	19	1659	330	62	383	9	1540	208	82	60	14	48	21	5
Queen's Buildings .. Mr. Bryant.	66	4	155	35	3	103	—	215	47	17	14	12	13	6	1
S. Jude .. Mr. Bryant.	553	23	2501	553	127	282	—	888	175	51	53	43	131	41	8
St. George .. Mr. Ede.	700	35	2516	475	85	366	—	716	172	50	81	6	148	41	10
Christchurch .. Mr. Bowers.	186	10	712	135	23	116	1	545	59	11	40	22	59	14	1
St. Saviour .. Mr. Bowers.	200	13	807	84	10	263	—	523	63	13	45	20	48	11	—
Total ..	6294	181	22959	4460	983	3711	11	10395	1968	619	828	278	1471	384	79

under the Public Health and Housing Acts, during the Year 1931.
15.

Factories, Workshops, Workplaces, Etc.			Housing.				Houses Let in Lodgings.						Notices Served			Notices Complied With.			
Inspections.	Re-Inspections.	Notices.	Inspections.	Re-Inspections.	Informal Notices.	Statutory Notices.	Inspections.	Re-Inspections.	Intimation Notices, P. H. Act.	Informal Housing Notices.	April Cleansing.	Statutory Notices.	Intimation Notices, P. H. Act.	Statutory, P. H. Act.	Housing.	P. H. Act.	Housing.	April Cleansing Notices.	
273	64	21	300	914	300	15	38	238	25	33	35		901	406	300	910	302	35	
178	60	13	160	548	160	63	18	34	9	7	14		812	390	160	904	167	14	
112	59	18	66	93	66	9	26	83	18	5	21		642	278	66	686	61	21	
280	15	5	106	231	106	9	26	48	19	2	19		505	282	106	525	93	19	
224	337	50	383	1563	383	70	13	123	15	12	27		858	405	383	853	353	27	
140	71	21	185	847	185	16	31	213	16	19	31		854	244	185	877	183	31	
295	32	17	185	310	185	17	85	467	29	36	65		605	288	185	680	193	65	
—	—	—	21	102	21	—	—	—	—	—	—		88	37	21	95	18	—	
387	143	83	194	1080	194	64	13	57	12	8	13		864	318	194	866	205	13	
244	115	35	172	423	172	1	34	119	31	27	30		754	401	172	803	162	30	
214	46	25	55	185	55	—	51	75	24	20	33		257	207	55	236	59	33	
257	120	35	25	113	25	—	8	6	1	2	4		194	133	25	207	39	4	
2604	1062	323	1852	6409	1852	234	343	1463	199	171	292		7334	3389	1852	7642	1835	292	

TABLE
Summary of Sanitary Works Completed under

WARD or DISTRICT.	Drain reconstructed.	Drain repaired.	Drain Intercepted and Ventilated.	Drain Unstopped.	Gullies provided.	Soilpipe provided or repaired.	Closet provided.	Closet Pan and Trap.	Water apparatus repaired.	Sink, Lav. & Waste Pipes.
St. Mary Mr. Syms.	16	22	2	33	13	23	1	115	84	44
St. Paul Mr. Mayhew.	4	31	2	29	10	12	7	53	102	45
St. Peter Mr. Banham.	1	12	—	8	3	4	2	23	58	49
St. John Mr. White.	9	14	2	24	27	14	50	120	110	111
Trinity . . Mr. Findley.	23	41	9	53	27	17	29	122	143	119
All Saints' Mr. Steele.	3	41	—	61	9	5	13	45	94	73
St. Michael . Mr. Hattersley.	10	31	16	31	13	19	16	114	58	56
Queen's Bldgs. Mr. Bryant.	—	—	—	1	—	—	—	5	10	3
St. Jude Mr. Bryant.	17	47	2	46	28	14	12	58	126	105
St. George Mr. Ede.	10	27	4	36	11	22	62	102	160	139
Christchurch Mr. Bowers.	8	4	1	2	14	6	32	43	49	38
St. Saviour Mr. Bowers.	21	3	7	9	46	11	59	81	82	79
Total	122	273	45	333	201	147	283	881	1076	861

16.
the Public Health Act, during the year 1931.

Rain Water Pipes repaired, etc.	Water supply to upper floors	Draw Tap on Main.	New Water Supply.	Roof and Gutters repaired.	Paving repaired.	Dampness abated.	Rooms cleansed.	Sub-Floor Ventilation.	Basement concreted.	Staircase Ventilated.	Dust-bin provided.	Overcrowding abated.	Miscellaneous Nuisances abated.
45	2	1	—	298	95	67	1326	4	3	—	178	2	285
48	—	—	—	360	83	103	1233	6	—	8	239	3	406
60	—	—	—	180	41	79	1107	2	—	—	217	3	417
29	—	—	1	176	38	34	863	—	1	—	111	—	316
97	2	36	—	465	201	150	1344	16	5	—	166	8	580
65	—	1	—	415	117	70	901	6	1	—	299	—	536
42	8	—	—	156	74	29	1199	7	1	—	118	1	294
—	—	—	—	2	1	1	148	2	1	1	12	—	57
90	3	14	—	295	130	64	1138	9	7	2	143	10	540
32	—	—	2	280	57	75	915	—	1	—	167	—	361
9	—	—	—	75	11	10	368	3	—	—	34	—	79
7	—	—	1	32	16	3	314	—	—	—	21	—	67
524	15	52	4	2734	864	685	10856	55	20	11	1705	27	3938

TABLE

Sanitary Works completed under

WARD or DISTRICT.	Chimney flues repaired.	Brickwork and pointing repaired.	Window reveals and sills.	Window sash repaired.	New Sash Lines.	Doors and woodwork repaired.	Stair Treads and Risers repaired.	Handrail and Balusters repaired.	Floors repaired.
St. Mary ..	16	22	22	79	246	76	4	23	38
St. Paul ..	3	28	31	106	70	87	15	19	34
St. Peter ..	7	15	27	7	27	17	3	3	11
St. John ..	2	6	20	23	47	49	14	12	25
Trinity ..	71	138	135	118	147	145	57	45	101
All Saints'	17	6	29	28	48	43	11	21	35
St. Michael ..	14	13	105	103	93	101	41	5	72
Queen's Buildings Mr. Bryant.	—	—	—	—	—	11	—	—	1
St. Jude ..	33	112	154	117	280	166	246	59	99
St. George ..	1	—	2	22	29	31	16	21	70
Christchurch ..	1	1	4	7	13	5	6	—	6
St. Saviour ..	1	2	3	5	5	7	—	—	3
Total ..	166	343	532	615	1005	738	413	208	495

17.

the Housing Acts, during the year 1931.

						HOUSES LET IN LODGINGS.							
Provision of ventilated food Storage.	Plaster repaired.	Stove and Fireplace repaired.	Copper repaired.	Stone Steps repaired.	Skylight repaired and new Cords.	Separation of Sexes and Overcrowding.	Cleansing by Tenants and Lodgers.	Cleansing of Bed Linen.	Cleansing of Receptacles.	Removal of Refuse Daily.	Ventilation of Rooms by Lodgers.	Animals in Tenements.	Rooms cleansed.
—	143	104	29	28	2	—	—	—	—	—	—	—	201*
—	10	86	5	7	—	—	—	—	—	—	—	—	57*
—	31	47	6	8	—	—	—	—	—	—	—	—	75*
—	6	87	22	3	—	—	—	—	—	—	—	—	54*
—	111	183	69	12	5	—	31*	—	—	—	—	—	75*
—	50	114	22	1	—	—	—	—	—	—	—	—	99*
—	18	78	21	2	—	—	—	—	—	—	—	—	321*
—	—	7	11	—	1	—	—	—	—	—	—	—	—
—	154	191	37	17	13	—	2*	—	—	—	—	—	48*
—	—	62	39	3	—	—	—	—	—	—	—	—	140*
—	17	51	10	—	—	—	—	—	—	—	—	—	157*
—	3	22	9	—	—	—	—	—	—	—	—	—	12*
—	543	1032	280	81	21	—	33*	—	—	—	—	—	1239*

* April Cleansing Notices.

PROCEEDINGS TAKEN UNDER THE PUBLIC HEALTH AND OTHER ACTS.

13 summonses were taken out during the year 1931, 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 18.

	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	..	6	2	2	..	1	2	..	..	..	..	13

The above summonses had reference to the following:—

Ordinary Nuisances	13
--------------------	----	----	----	----	----	----

TABLE 19.

These proceedings resulted as follows:—

Summonses withdrawn (with costs), the Council's requirements having been complied with	..	..	10
Magistrates' Orders made	..	..	3
			—
			13

TABLE 20.
Proceedings taken under the Public Health and Other Acts.

Defendant.	Cause of Proceedings.	Result.
Charles Benabo & Sons, .. 240, Mile End Road, E.1	Neglecting to cleanse dirty room at 2, Chapter Terrace	Summons withdrawn, work done, with 10/6 costs.
Charles Benabo & Sons, .. 240, Mile End Road, E.1	Neglecting to amend defective sink at 14, Chapter Terrace	Summons withdrawn, work done, with 10/6 costs.
Charles Benabo & Sons, .. 240, Mile End Road, E.1	Neglecting to cleanse dirty premises at 16, Chapter Terrace	Summons withdrawn, work done, with 10/6 costs.
Walter Keeble, .. 63, Brandon Street, S.E.	Neglecting to cleanse dirty premises and amend defective roof, etc., at 73, Brandon Street	Ordered to do work within 14 days, with 2/- costs.
Walter Keeble, .. 63, Brandon Street, S.E.	Neglecting to amend defective roof, vent shaft, etc., at 77, Brandon Street	Ordered to do work within 14 days, with 2/- costs.
H. Tilt, .. 59, Underhill Road, S.E.22	Neglecting to amend defective flushing cistern, roof, etc., at 110, Westmoreland Road	Summons withdrawn, work done, with £1/1/- costs.

TABLE 20—*continued.*

Defendant.	Cause of Proceedings.	Result.
James B. Shallard, .. 253, Camden Road, N.7	Neglecting to amend defective roof at 227, East Street	Summons withdrawn, work done, with 10/6 costs.
Kate Fowles, 37, Northfield Road, N.16	Neglecting to amend defective main roof at 52, East Street	Ordered to do work within 14 days, with £1/1/- costs.
Thomas Evans, 9, Cedars Terrace, W.14	Neglecting to cleanse dirty premises and amend defective roof at 127, Blackfriars Road	Summons withdrawn, work done, with 10/6 costs.
Thomas Evans, 9, Cedars Terrace, W.14	Neglecting to provide sufficient water supply at 127, Blackfriars Road	Summons withdrawn, work done, with 10/6 costs.
Charles Benabo & Sons, .. 240, Mile End Road, E.1	Neglecting to amend defective main roof at 11, Chapter Terrace	Summons withdrawn, work done, with £1/1/- costs.
Charles Benabo & Sons, .. 240, Mile End Road, E.1	Neglecting to amend defective main roof at 13, Chapter Terrace	Summons withdrawn, work done, with £1/1/- costs.
Charles Benabo & Sons, 240, Mile End Road, E.1	Neglecting to amend defective main roof at 18, Chapter Terrace	Summons withdrawn, work done, with £1/1/- costs.

“MERCHANDISE MARKS” ACT, 1926.

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

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

One hundred and thirty-one visits were made by the several Inspectors during the year.

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

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

AGRICULTURAL PRODUCE (GRADING AND MARKING) ACT, 1926.

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

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

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

ICE CREAM REGULATIONS.

During the year all premises where Ice Cream was manufactured or sold were registered in accordance with the London County Council General Powers Act, 1928, and inspections were made periodically to ascertain that the commodity was being protected from infection or contamination. No case of illness was reported.

RAG FLOCK ACTS.

Several visits have been paid under the above Acts, but no breach of the regulations contained therein was detected during the year.

Very little Rag Flock is used in the Borough.

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

ACTS OF PARLIAMENT—

Infectious Diseases (Prevention) Act, 1890.
 The Public Health (London) Act, 1891.
 The Metropolis Management Act, 1855.
 The Factory and Workshops Acts, 1901 to 1907.
 The Rag and Flock Act, 1911 and 1928.
 Rats and Mice (Destruction) Act, 1919.
 Public Health (Smoke Abatement) Act, 1926.
 Sale of Food and Drugs Act, 1875 and 1927.
 Milk and Dairies (Consolidation) Act, 1915.
 Milk and Dairies (Amendment) Act, 1922.
 Sale of Horse Flesh Regulation Act, 1889.
 Increase of Rent and Mortgage Interest (Restrictions) Acts, 1920
 and 1923.
 Local Government Act, 1929.
 Agricultural Produce (Grading and Marking) Act, 1928.
 Food and Drugs (Adulteration) Act, 1928.
 Housing Acts, 1925-1930.
 London County Council (General Powers) Acts, 1893 to 1928.
 Cleansing of Persons Act, 1897.
 Merchandise Marks Act, 1926.
 Artificial Cream Act, 1929.

REGULATIONS—

Regulations (Shell Fish), 1915.
 Sale of Milk Regulations, 1901 and 1912.
 Sale of Butter Regulations, 1902.
 Public Health (Condensed Milk) Regulations, 1923 and 1927.
 Public Health (Dried Milk) Regulations, 1923 and 1927.
 Public Health (Preservatives in Food, &c.) Regulations, 1925 to
 1927.
 Public Health (Tuberculosis) Regulations, 1912 to 1930.
 Public Health (Meat) Regulations, 1924.
 Public Health (Imported Milk) Regulations, 1926.
 Public Health (Acute Encephalitis Lethargica and Acute Polio-
 Encephalitis) Regulations, 1918.
 Public Health (Ophthalmia Neonatorum) Regulations, 1926-1928.
 Public Health (Notification of Puerperal Fever and Puerperal
 Pyrexia) Regulations, 1926-1928.
 Infectious Diseases (London) Regulations, 1927.
 Public Health (Imported Food) Regulations, 1925.

LONDON COUNTY COUNCIL.

Vendors of Fried Fish, 1914.
 Fish Curers, 1914.
 Dressers of Fur Skins, 1922.
 Rag and Bone Dealers, 1923-1928.
 Houses divided into separate tenements, &c., 1926.
 Removal of offensive matter, 1901.
 Closing and filling of cesspools and removal of refuse, 1893.
 Ashpits, manure receptacles, &c., 1893.
 Construction of drains and W.C.s, 1929.
 Business of a slaughterer of poultry, 1923.
 Slaughterhouses, 1891-1923.
 Water closets, &c., 1913-1930.
 Offensive trades.
 Conveyance of dead horses.

ORDERS—

Tuberculosis Orders (Cattle), 1925 (1) and (2).
 Factory and Workshop Welfare Order, 1927 (Bakehouses).
 Do. do. do. 1927 (Biscuit Factories).
 Registration of Margarine Factories, 1900.
 Registration of Butter Factories, 1907.
 Milk and Dairies Order, 1926.
 Milk (Special Designations) Order, 1922-1923.
 Milk (Special Designations) Amendment Order, 1922.
 Sale of Food Order. Part (3), 1921.
 Sanitary Accommodation Order, 1903.
 Home Work Orders, 1911, 1912, 1913.
 Merchandise Marks (Imported Goods) Order, No. 3, 1923.
 Merchandise Marks (Imported Goods) Order, No. 5, 1923.
 Do. do. Order No. 4, 1929.
 Sanitary Officers' Order, 1922.

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

Notification of Births Act, 1907-1915.
 Maternity and Child Welfare Act, 1918.

SOUTHWARK BOROUGH COUNCIL—

Fouling of footway by dogs.
 Regulations, underground rooms.

BLACK SMOKE.

During the year 1931 one complaint was received at the Public Health Office from persons other than the Council's Inspectors.

TABLE 21.

Showing the Number of Observations, etc., in regard to Smoke Nuisances made by the several Ward Inspectors during 1931.

	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.
No. of observations made by the Inspectors	1	..	1	1	..	..	..	..	..	3	6
No. of Nuisances observed	..	1	..	1	1	..	..	..	..	..	1	4
No. of Intimation Notices served	1	..	1	1	..	..	..	..	..	1	4
No. of Statutory Notices served	1	..	..	..	..	..	..	..	..	..	1
No. of Summonses taken out

HOUSES LET IN LODGINGS.

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

CUSTOMS AND INLAND REVENUE ACT, 1890.

No Certificate for exemption from Inhabited House Duty was granted during the year 1931.

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 under-mentioned (new) houses during the year.

Premises.	Certificates granted to.
Pilgrim House (36 flats)	Messrs. J. E. Billings & Co., 39, Victoria Street, S.W.1.
Orb Street (9 flats)	D. T. Griffiths, Esq., Town Hall, Southwark, S.E.
Sumner Street (50 flats)	Messrs. W. Lawrence, City Road, E.C.
145, Old Kent Road	Messrs. H. Somerford & Sons, 104, Manor Street, S.W.

WATER SUPPLIES TO TENEMENT HOUSES.

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1907.

Fifteen additional water supplies were provided to houses during the year 1931.

TABLE 22.

Factories, Workshops, Laundries, Workplaces and Homework.

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

Premises.	Number.		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ..	367	57	..
Workshops (including Workshop Laundries)	582	63	..
Workplaces	4361	238	..
Homeworkers' Premises (including Out-workers)	346	1	..
Total	5656	359	..

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	199	175		
Want of Ventilation	5	9		..
Overcrowding .. ..	..	1	..	..
Want of drainage of floors .. ..	..	..	..	..
Other nuisances	358	327	..	..
Sanitary accommodations:				
Insufficient	2	9	..	..
Unsuitable or defective	22	21	..	..
Not separate for sexes	1	..	..	..
OFFENCES UNDER THE FACTORY AND WORKSHOP ACT:—				
Illegal occupation of underground bakehouse (S. 101) .. ..			..	..
Breach of special sanitary requirements for bakehouses (SS.97-100)	42	42	..	..
Other offences .. ..			..	..
Total	629	584	..	..

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

TABLE 23.
3.—Home Work.

NATURE OF WORK.	OUTWORKERS' LISTS, Section 107.								Number of Inspections of Outworkers' Premises.	OUTWORK IN UNWHOLE-SOME PREMISES, S. 108.			OUTWORK IN INFECTED PREMISES, Sections 109-10		
	Lists received from Employers.				Nos. of Addresses of Outworkers received from other Councils.	Nos. of Addresses of Outworkers forwarded to other Councils.	Prosecutions.			Instances.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110).	Prosecutions. (Ss. 109, 10).
	Twice in the year.		Once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.							
	Lists.	Out-workers	Lists.	Out-workers											
Wearing Apparel—															
(1) Making, &c. ..	63	37	67	46	330	428	—	—	188	3	1	—	—	—	—
(2) Cleaning and washing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lace, lace curtains and nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Furniture and Upholstery	1	3	1	2	1	2	—	—	—	—	—	—	—	—	—
Fur pulling	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Umbrellas	1	—	1	—	9	—	—	—	5	—	—	—	—	—	—
Paper Bags and Boxes ..	11	16	8	18	4	17	—	—	46	—	—	—	—	—	—
Brushmaking	7	8	7	8	3	8	—	—	19	—	—	—	—	—	—
Stuffed Toys	1	3	1	4	—	4	—	—	6	—	—	—	—	—	—
File making	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electro Plate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cables and Chains ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anchors and Grapnels ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cart Gear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Locks, Latches and Keys	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous	12	19	10	26	134	29	—	—	82	—	—	—	1	—	—
TOTAL	96	86	95	104	482	488	—	—	346	3	1	—	1	—	—

TABLE 24.
4.—Registered Workshops.

Workshops, Workplaces, etc., on the Register (S. 131) at the end of the year.	Number.
Bakehouses	98
Factory Bakehouses	376
Eating houses and places where food is prepared for sale..	176
Ice Cream Shops	12
Laundries	32
Dressmakers, Milliners, etc.	24
Tailoring	14
Brushmakers	1873
Miscellaneous	
Total number of Workshops, Workplaces, etc., on Register..	2605

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)	1
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	12
Reports (of action taken) sent to H.M. Inspectors..	8
Other	—
Underground Bakehouses (S. 101):—	
In use at end of the year	28

WOMEN'S WORKSHOPS.

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

731 inspections and 655 re-inspections were made.

The following defects were discovered, and 11 intimations and 6 statutory notices were served in order to obtain the abatement of the nuisances complained of:—

Closet provided	5
Water apparatus defective	8
Roofs defective	6
Paving defective	1
Rooms dirty	62
Closet Pans and Traps	3
Overcrowding	—
Miscellaneous nuisances... .. .	44
Total	129

All the above-mentioned nuisances were remedied.

Miss Burrows also made 1,677 inspections of the women's conveniences throughout the Borough.

TABLE 25.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Summary showing investigations and inspections made during the year 1931.

WARD or DISTRICT.	Inspections.		Re-inspections.		Premises where Rats were found.	Action taken.					Probable Source.			Notices.
	By Inspectors	By Rat Officer.	By Inspectors	By Rat Officer.		By Council's Official.			By Occupiers.		Rat Runs and Holes.	Defective Drains.	Defective Sewers.	
						Baits laid by Rat Officer with poison	Wire Traps Set.	Break- back Traps Set.	Cats or Dogs.	Ferrets.				
St. Mary	27	28	25	452	20	3337	191	675	—	—	7	1	—	1
St. Paul	50	52	22	334	23	1339	30	243	7	—	11	10	—	—
St. Peter	26	50	12	146	22	673	41	103	4	—	9	3	—	1
St. John	43	37	193	301	31	888	47	362	10	—	19	6	—	1
Trinity	42	56	103	566	43	2619	45	553	4	—	32	6	—	19
All Saints' ..	28	38	70	902	35	3554	107	1070	6	—	21	2	—	7
St. Michael ..	31	59	80	389	15	1827	26	361	3	—	3	7	—	2
St. Jude	31	38	77	302	16	1207	13	207	1	—	10	2	—	13
St. George ..	94	85	106	285	33	1155	61	192	2	—	22	8	—	5
Christchurch ..	29	16	14	112	11	482	41	100	4	—	5	1	—	4
St. Saviour ..	11	10	9	36	4	300	10	31	1	—	2	1	—	—
TOTAL ..	412	469	711	3825	253	17381	612	3897	42	—	141	47	—	53

Number of Rats destroyed .. 1425

Cleansing of Verminous Rooms and their Contents.

During the year 1931 the number of verminous rooms with the bedding and other articles cleansed and disinfected in accordance with the requirements of the London County Council (General Powers) Acts, 1907 and 1922, has decreased in comparison with 1930. 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 26.
Verminous Rooms Cleansed.

WARD or DISTRICT.	No. of Intimation Notices served.	No. of Statutory Notices served.	Police Court proceedings taken.	Verminous rooms treated.	
				(a) by Owners of Premises.	(b) by the Council's Disinfecting Staff.
St. Mary	39	21	—	55	67
St. Paul	58	28	—	64	130
St. Peter	14	10	—	16	36
St. John	19	12	—	27	62
Trinity	128	62	—	176	198
All Saints	17	4	—	20	108
St. Michael	33	14	—	38	71
St. Jude	108	51	—	143	68
St. George	36	20	—	53	77
Christchurch	8	6	—	11	32
St. Saviour	1	—	—	1	26
TOTAL	461	228	—	*604	875

* NOTE—These 604 rooms were stripped by the owners.

TABLE 27.

Verminous Bedding, etc., Disinfected at the Council's Stations during 1931.

Articles.	Disinfected.	Destroyed.
Beds	200	—
Palliasses	36	—
Bolsters and Pillows	219	—
Cushions	22	—
Blankets	812	—
Sheets	540	—
Quilts	213	—
Articles of Clothing, etc.	30,711	—
Books	1	—
Total.. .. .	32,754	—

In addition, one carpet, one mat, and one piece of felt were disinfected.

VERMINOUS PERSONS CLEANSED DURING 1931.

During the year 4,648 persons were cleansed at the station in King James Street. Of these under our agreement with the London County Council, were 2,955 children.

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

1,693 adults sent from the various common lodging houses and other places in our borough were cleansed during the year, as against 1,301 dealt with under the provisions of the Cleansing of Persons Act, 1897, in 1930.

MORTUARIES.

TABLE 28.

During the year 501 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	139	14	153
Bodies brought in for convenience	9	326	335
Bodies brought in in cases where death had occurred from Infectious Disease	5	8	13
Total	153	348	501

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

TABLE 29.

HOUSING.

1. <i>Inspection of Dwelling Houses :—</i>	
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	10,888
(b) Number of inspections made for the purpose	11,176
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	3,711
(b) Number of inspections made for the purpose	3,711
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	—
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	8,575
2. <i>Remedy of Defects without Service of formal Notices :—</i>	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	1,885
3. <i>Action under Statutory Powers during the Year :—</i>	
A. Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930.	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	264
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) by owners	228
(b) by Local Authority in default of owners	—

TABLE 29—*continued.*

B. Proceedings under Public Health Acts :—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	6,723
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) by owners	7,319
(b) by Local Authority in default of owners	
C. Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—	
D. Proceedings under Section 20 of the Housing Act, 1930 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	1
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil
E. Proceedings under Section 3 of the Housing Act, 1925 :—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
F. Proceedings under Section 11, 14 and 15 of the Housing Act, 1925 :—	
(1) Number of dwelling-houses in respect of which Closing Orders were made	Nil
G. Proceedings under Section 1 of the Housing Act, 1930 :—	
(1) Clearance Areas (10).	373*

* These are not included in the total number of dwelling-houses inspected.

HOUSING.

Since taking up office as your Medical Officer of Health on October 1st, I have made a rapid survey of the housing conditions obtaining in the Borough, and have inspected several hundred dwellings.

In the course of my survey I realised that the housing question in Southwark was a very difficult problem, inasmuch as there are no vacant sites suitable for building purposes, owing to high land values, and the only means of dealing with the re-housing question is by taking areas for clearance under the Housing Act, 1930; the erection of flats sufficient to re-house displaced persons; and the provision of a surplus for the purpose of decanting persons who are living in decayed and dilapidated houses on sites which are too small for re-housing purposes.

With this object in view, I have represented to you the following areas:—

Kinglake Street	No. 1 Area.
Amery Place	Kinglake Street Area.
Orb Street	No. 2 Area.
Gray Street	No. 1 Area.
Gray Street	No. 2 Area.
Keyworth Street	No. 1 Area.
Keyworth Street	No. 2 Area.
Cook's Cottages.	
Alvey Mews.	
South Street Area.	

I would suggest that none of the above areas is large enough in themselves to fulfil the requirements of the above policy, and it would be wise for the Council, when dealing with each area, to consider the advisability of including other properties adjoining the area, with a view to making the scheme meet all our requirements so far as possible. With these points in view, it would be well to concentrate primarily on the areas containing the largest amount of open space, and, consequently, the least populated proportionately.

As to the number of dwellings required, our Housing Survey shows that at the present time there are 2,113 families housed in 1,531 decayed and dilapidated houses or dwellings, many of which are grossly overcrowded.

This does not necessarily mean that the Council will have to build 2,000 dwellings, as there is evidence of private enterprise and the L.C.C. providing a goodly proportion.

Whilst on the subject of housing, I have found that in addition to the existing single type of house, there are many large blocks of

tenement dwellings, some of which, although probably meeting the requirements of the time when they were erected, do not now come up to the modern standard, but are capable of being modernised and reconditioned. This matter should receive the serious consideration of both the Owners and the Sanitary Authority.

There are, however, a few of these tenements which, owing to their bad construction and arrangements, are incapable of being redesigned, and should eventually be demolished as and when more houses become available for the re-housing of the occupants. In this category I have already placed Trinity Buildings, which were represented in December as unfit for human habitation. These and similar dwellings have been accounted for in the 1,531 decayed and dilapidated houses.

75, BOROUGH ROAD.

Sec. 18, Housing Act, 1925.

Sec. 20, Housing Act, 1930.

I represented the above cellar dwelling as being unfit for human habitation, with a view to a Closing Order being made.

The Order was duly served and the premiss have now been vacated.

Other matters dealt with during the year 1931, in relation to housing conditions are as follow:—

The number of houses granted to families from Southwark by the London County Council amounted to 161. They were distributed as follow:—

Morden	...	...	...	...	92
Becontree	...	...	...	...	42
Downham	...	...	...	...	6
Bellingham	...	...	...	...	2
Hendon	...	...	...	...	2
Local	...	...	...	...	17

ORB STREET HOUSING SCHEME.

Part III, Housing Act, 1925.

The Minister of Health approved the Council's proposals for grant purposes and nine flats have been erected, all of which are occupied.

LANT STREET AND TOULMIN STREET SITE.

Sec. 16, Housing Act, 1930.

The London County Council declared that they did not intend to deal with this area as a Clearance Area or part of a Clearance Area.

The Borough Council proceeded by means of a Compulsory Purchase Order, under Part III of the Housing Act, 1925, the Order to be cited as "The Lant Street, etc., Compulsory Purchase Order, 1931."

This Order was subsequently confirmed by the Minister of Health and became operative on July 1st, 1931.

The Borough Council have had under consideration what further steps should be taken, and have resolved that, in view of the consequential high value of the site, it was unsuitable for development for housing purposes.

The site has now been cleared by the Owners of the property.

DODDINGTON GROVE.

Part III, Housing Act, 1925.

The Minister of Health confirmed the "Doddington Grove Compulsory Purchase Order," and Blocks A and B are being proceeded with.

ORPHAN HOME, AUSTRAL STREET.

The above site comprising 31,000 super feet, was inspected with a view to the erection of flats, and the Council approached the Ministry with a view to the sanction of a Compulsory Purchase Order.

The financial considerations, however, were not favourable, and the Minister declined to confirm an Order.

The project was therefore not proceeded with.

HARD STREET AREA.

This area was originally represented as an Improvement Scheme under Part II of the Housing Act, 1925. Subsequently, the London County Council decided that, consequent upon the passing of the Housing Act, 1930, their previous decision to deal with the area under the Housing Act, 1925, became ineffective.

They then passed a resolution declaring the area to be a Clearance Area under the Housing Act, 1930.

Since that time, owing to financial consideration it appears that if this scheme is to be proceeded with, the Borough Council will have to take some action in the matter.

TABLE 30.
VISITS MADE UNDER THE PUBLIC HEALTH (MEAT)
REGULATIONS, 1924.

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saint's District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total.
Stalls and Shops visited	103	42	310	269	77	44	54	39	53	30	19	1040

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

Paving defective	...	...	...	8
Dirty rooms	...	...	...	35
Other insanitary conditions	...	...	...	11
				54

All the above-mentioned nuisances were remedied.

SLAUGHTERHOUSES.

The various Slaughterhouses were periodically inspected during the year, and 287 oxen, 2,415 sheep and 37 pigs were slaughtered under the supervision of Mr. Fisher and Mr. Duffield.

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

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

105 inspections were made during the year. No nuisance was discovered.

Each Slaughterhouse was limewashed every three months during the year.

EXAMINATION TABLE

Showing the quantity of Foodstuffs found unsound during the year 1931 by
this table is in addition to

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
		T. C. Q. L.		T. C. Q. L.
Artichokes ..	58 crates ..	1 0 2 24	58 crates ..	1 0 2 24
Apples ..	179 boxes ..	3 1 0 18	179 boxes ..	3 1 0 18
Bacon ..	— ..	4 13 2 7	— ..	4 13 2 7
Beef, tinned ..	4 cases, 67 tins ..	5 2 14	4 cases, 67 tins..	5 2 14
Condensed Milk ..	2 cases, 92 tins ..	1 2 8	2 cases, 92 tins..	1 2 8
Cheese ..	42.. ..	5 1 0	42	5 1 0
Chestnuts ..	57 bags ..	1 7 0 0	57 bags ..	1 7 0 0
Cream, tinned ..	6 cases, 145 tins	2 2 23	6 cases, 145 tins	2 2 23
Figs ..	— ..	16 0 0	— ..	16 0 0
Fowls ..	— ..	9 3 26	— ..	9 3 26
Fruit, tinned ..	4 cases, 49 tins ..	2 3 11	4 cases, 49 tins..	2 3 11
Grape Fruit ..	1 case ..	2 4	1 case ..	2 4
Ham Paste ..	6 tins ..	1 2	6 tins ..	1 2
Haddocks ..	1 box ..	2 6	1 box ..	2 6
Hams ..	43.. ..	3 1 10	43	3 1 10
Heads, Pigs' ..	7549 ..	36 11 0 7	7549 ..	36 11 0 7
	Carried forward	49 2 0 20		49 2 0 20

OF FOOD.

31.

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

Seized by Inspector.		Remarks.
Quantity.	Weight.	
	T. C. Q. L.	
— ..	— ..	Destroyed at the Council's Depot.
— ..	— ..	Do. do.
— ..	— ..	3 tons 7 cwt. 0 qrs. 1 lb. were released for soap boiling; 1 ton 6 cwt. 0 qrs. 14 lbs. were destroyed at the Council's Depot, and 1 qr. 20 lbs. were destroyed on premises where found.
— ..	— ..	Destroyed at the Council's Depot.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Destroyed on premises where found.
— ..	— ..	Released for soap boiling.
— ..	— ..	Do. do.

Foodstuffs.	Quantity and Weight found Unsound.		Surrendered by Owners.	
	Quantity.	Weight.	Quantity.	Weight.
	Brought forward	T. C. Q. L. 49 2 0 20		T. C. Q. L. 49 2 0 20
Offal	— ..	2 0 7	— ..	2 0 7
Onions	34 cases ..	1 14 0 0	34 cases ..	1 14 0 0
Oranges	19 boxes ..	8 1 2	19 boxes ..	8 1 2
Pork	Carcases and pieces	15 17 3 1	Carcases and pieces	15 17 3 1
Potatoes	469 bags ..	23 9 0 0	469 bags ..	23 9 0 0
Pears	224 boxes ..	2 4 3 2	224 boxes ..	2 4 3 2
Rabbits	— ..	4 1 25	— ..	4 1 25
Skate	1 box ..	2 14	1 box ..	2 14
Tomatoes	Boxes and chips	5 17 2 12	Boxes and chips	5 17 2 12
Turnips	20 bags ..	8 0 0	20 bags ..	8 0 0
Turnip Tops ..	50 bags ..	12 2 0	50 bags ..	12 2 0
Turkeys	3 ..	1 0	3 ..	1 0
Veal	1 carcase ..	1 10	1 carcase ..	1 10
Winkles	4 bags ..	5 2 0	4 bags ..	5 2 0
		100 7 1 9		100 7 1 9

Seized by Inspector.		Remarks.
Quantity.	Weight.	
	T. C. Q. L.	
— ..	— ..	1 cwt. 2 qrs. 7 lbs. were destroyed at the Council's Depot, and 2 qrs. were released for soap boiling.
— ..	— ..	Destroyed at the Council's Depot.
— ..	— ..	Do. do.
— ..	— ..	15 tons 17 cwt. 2 qrs. 19 lbs. were released for soap boiling and 10 lbs. were destroyed on premises where found.
— ..	— ..	18 tons 4 cwt. were released for pig feeding and 5 tons 5 cwt. were destroyed at the Council's Depot.
— ..	— ..	Destroyed at the Council's Depot.
— ..	— ..	Do. do.
— ..	— ..	Destroyed on premises where found.
— ..	— ..	Destroyed at the Council's Depot.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Do. do.
— ..	— ..	Destroyed on premises where found.
— ..	— ..	Destroyed at the Council's Depot.

TABLE

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

Foodstuffs.	Quantity and Weight examined.		Weight found to be unsound.			
	Quantity.	Weight.				
		T. C. Q. L.	T. C. Q. L.			
Apples, tinned ..	463 cases, 180 tins	8 17 1 0	1 0 3 6			
Asparagus, tinned ..	112 cases ..	2 7 3 20	11 0 8			
Apricot pulp, tinned ..	90 cases ..	3 5 0 0	—			
Apricots, tinned ..	664 cases ..	16 11 0 6	3 8 0 8			
Apricots, dried ..	52 boxes, 46 bundles	1 18 2 4	1 3 0 0			
Almonds ..	60 bags ..	2 15 0 0	—			
Apricots ..	128 crates ..	1 7 2 4	3 3 24			
Apples, dried ..	72 boxes ..	12 3 12	—			
Apples ..	865 cases ..	16 0 2 16	14 17 1 12			
Bacon ..	812 bales ..	83 1 0 0	—			
Beef ..	Carcases, pieces, etc.	195 8 3 20	20 14 0 0			
Beef, tinned ..	6650 cases, 4669 tins	173 5 0 6	15 6 1 26			
Beef, salted ..	65 barrels ..	6 10 1 6	—			
Butter ..	511 boxes ..	17 9 2 0	—			
Blackcurrant pulp ..	18 casks, 977 cases	40 12 2 12	32 16 0 0			
Beans, tinned ..	110 cases ..	2 10 1 0	—			
Beans ..	48 bags ..	2 2 3 12	2 2 3 12			
Blackcurrants ..	110 billots ..	1 3 2 8	—			
Bread ..	23 packages ..	11 2 0	11 2 0			
Cheese ..	Crates, bundles ..	5 13 3 20	5 0 26			
Cherries, tinned ..	462 cases ..	12 8 0 24	1 3 4			
Crab, tinned ..	442 cases ..	9 11 1 2	8 2 8			
Condensed milk ..	2406 cases ..	42 7 3 14	7 7 0 14			
Currants ..	51 cases ..	12 3 0	—			
Cherries ..	24 billots ..	5 0 4	3 0			
Casings, hogs ..	10 casks ..	2 12 0 0	—			
Dates ..	89 cases ..	15 3 16	—			
Dripping ..	168 crates ..	6 14 0 0	—			
Ducks ..	307 boxes ..	4 19 3 16	9 2 16			
Eggs ..	83 cases ..	2 14 1 20	2 6 0 0			
Egg liquid ..	3 casks, 2555 tins	46 1 3 16	3 0 0			
	Carried forward ..	711 8 2 6	103 17 0 24			

32.

during the year 1931, 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	—	1	1	Destroyed at the Council's Depot.
Yes	—	4	—	Do. do.
—	—	—	—	—
Yes	—	9	—	Do. do.
Yes	—	1	—	Do. do.
—	—	—	—	—
Yes	—	3	—	Destroyed in railway truck.
—	—	—	—	—
Yes	—	5	—	Destroyed at the Council's Depot.
—	—	1	—	—
Yes	—	22	10	Released for soap boiling.
Yes	—	17	5	4 tons 4 cwt. 3 qrs. 5 lbs. were destroyed at the Council's Depot; 8 tons 1 cwt. 3 qrs. 22 lbs. were released for pig feeding; 2 tons 13 cwt. 1 qr. 27 lbs. were released for soap boiling; and 6 cwt. 1 qr. were released for other technical purposes.
—	—	—	—	—
—	—	—	—	—
Yes	—	3	—	24 tons 10 cwt. were destroyed at the Council's Depot, and 8 tons 6 cwt. were released for pig feeding.
—	—	—	—	—
Yes	—	1	—	Destroyed at the Council's Depot.
—	—	—	—	—
Yes	—	1	—	Released for pig feeding.
Yes	—	2	1	Destroyed at the Council's Depot.
Yes	—	1	1	Do. do.
Yes	—	1	—	Do. do.
Yes	—	11	—	Do. do.
—	—	—	—	—
Yes	—	2	—	Destroyed in railway truck.
—	—	1	1	—
—	—	1	—	Still under "Stop."
—	—	—	—	—
Yes	—	—	—	Sprayed with carbolic and released for soap boiling.
Yes	—	—	—	Destroyed at the Council's Depot.
Yes	—	2	1	3 cwt. Released for leather dressing, 42 tons 1 cwt. 3 qrs. 16 lbs. still under "Stop."
		89	20	

TABLE 33.

Inspections of Food at Wharves, Markets and other places where food is stored, and the action taken by the officials during the year 1931.

INSPECTION OF WHARVES, Etc.					FOOD EXAMINED, Etc.						
WARD or DISTRICT.	Inspec- tions of Wharves and Ware- houses.	Inspec- tions of Markets.	Inspec- tions of Shops or Street Stalls.	Total.	Parcels of Food Ex- amined.	Parcels of Food Stopped.	Parcels of Food Released.	Parcels of Food destroyed by con- sent of owner.	Parcels of Food seized by Inspec- tor.	Parcels of Food con- demned by Magis- trate.	Summonses taken out.
St. Mary's	—	619	53	672	723	—	—	—	—	—	—
St. Paul's	12	—	10	22	27	—	—	1	—	—	—
St. Peter's	—	4868	153	5021	5126	—	—	4	—	—	—
St. John's	—	1932	3	1935	1935	—	—	—	—	—	—
Trinity	7	—	55	62	95	—	—	13	—	—	—
All Saints'	—	—	—	—	—	—	—	—	—	—	—
St. Michael's	30	—	3	33	41	—	—	2	—	—	—
St. Jude's	—	76	—	76	76	—	—	—	—	—	—
St. George's	2	—	—	2	2	—	—	1	—	—	—
Christchurch	750	—	1	751	1456	—	—	122	—	—	—
St. Saviour's	562	—	—	562	972	3	2	197	—	—	—
By M.O.H.	—	—	—	—	—	—	—	—	—	—	—
Brought to Town Hall	—	—	12	12	12	—	—	11	—	—	—
TOTAL	1363	7495	290	9148	10465	3	2	351	—	—	—

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

At the end of the year 1930 the number of milksellers on the Registers were as follows:—

Retail	..	..	367 names	..	361 premises
Wholesale	..	..	37 „	..	37 „

During the year 1931, 76 applications from 76 persons respecting 74 premises were received for registration as Retail Milksellers.

Two applications from two persons 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, etc.)		Total Applications.	
Names.	Premises.	Names.	Premises.	Names.	Premises.	Names.	Premises.
76	74	62	57	—	—	76	74

The sale of milk was started afresh at	...	...	21 premises
The sale of milk was discontinued at	...	...	4 „
Total number of Milksellers on Retail Register at end of 1931	...	...	381
Total number of Milksellers' premises	„	„	378

WHOLESALE REGISTER.

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

Total number of Wholesale Milksellers on Register at end of 1931	...	...	...	...	...	37
Total number of Wholesale premises	„	„	...	...	...	37

Of the 378 Retail Milk sellers' premises, 280 are dairies, 77 where milk is sold in containers as received, 17 where milk is sold for consumption on the premises only, and four are used as depots only. There is one dairy used for wholesale only.

There are two premises licensed to bottle "Grade A (Tuberculin Tested)" milk and at these premises six samples of "Grade A (Tuberculin Tested)" milk were procured and submitted to the Public Analyst for bacteriological examination. These were certified to comply with the requirements of the Order.

Total number of licences to sell graded milk	43
viz. :—Certified	7 premises.
Grade A (T.T.)	19 „
Grade A	4 „
Pasteurised	13 „

One Licence was continued by the purchaser of an existing business at which Grade A (T.T.) milk was sold.

MILKSELLERS.

1,787 inspections of the various milkshops, dairies, etc., were made. The following nuisances were discovered, in respect of which eight intimation notices were served :—

Dirty condition of walls	3 cases.
Dirty condition of ceilings	3 cases.
Unsuitable utensils	1 case.
Milkshop opening into sleeping room ...	1 case.
Total	8 cases.

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

During the year eight retail and five wholesale milk sellers, whose premises are outside this Borough, were registered to sell milk in the Borough of Southwark.

One retailer discontinued to sell milk in the Borough.	
Total number of (outside) retail milk sellers on Register	51
Total number of (outside) wholesale milk sellers on Register	29

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 & Sons, Ltd.
Harrow Street	Skin Dressers ..	Messrs. Leeding & Co.
Wansey Street Works ..	Soap Boilers ..	Holden's Soap Works, Ltd.

Sixteen inspections of these premises were made during the year.

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 408 inspections were made of the various bakehouses and factories.

The following defects were discovered and 18 intimation notices were served in order to obtain the abatement of the nuisances complained of :—

Dirty ceilings	...	...	...	...	15 cases.
Dirty walls	...	...	...	...	15 cases.
Dirty oven-front	...	...	...	...	1 case.
Dirty flour store	...	...	...	...	3 cases.
Defective ceilings	...	...	...	...	4 cases.
Other insanitary conditions	...	...	...	...	4 cases.
Total					42 cases.

All the above-mentioned nuisances were remedied.

Each bakehouse was limewashed or the walls washed as required.

PARTICULARS OF BAKEHOUSES (FACTORIES AND WORKSHOPS).

Position.	Good.	Fair.	Not satisfactory.	Not in use.	In use.	Totals.
Above ground ..	15	28	1	18	44	62
Underground ..	15	13	—	8	28	36
Total ..	30	41	1	26	72	98

BUTTER AND MARGARINE FACTORIES, ETC.

Five inspections were made of the Butter Factories during the year.

The periodical cleansing was carried out as required.

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

TOTAL INSPECTIONS DURING 1931.

Premises.	No. of Inspections.	Notices.	
		Intimation.	Statutory.
Milkshops	1787	7	—
Bakehouses	408	18	—
Tripe Boilers	4	—	—
Fat Melters	4	—	—
Butter Factories	5	—	—
Skin Dresser	4	—	—
Soap Boilers	4	—	—
Total	2216	25	—

ARTIFICIAL CREAM ACT, 1929.

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927. (DRIED MILK).

13 Samples under the above Regulations were purchased during 1931.

Artificial Cream and Dried Milk do not appear to be on sale in the retail shops in the Borough.

SALE OF FOOD AND DRUGS ACT.

During the year ended December 31st, 1,408 "official" samples were taken by the Inspector.

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

TABLE 34.

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

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	Total.
Number of samples taken	137	150	144	154	135	135	133	117	175	70	58	1408

19 of these samples were certified as adulterated, a percentage of 1.35 as compared with 1.2 in 1930.

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

POLICE COURT PROCEEDINGS TAKEN UNDER THE FOOD AND DRUGS ACT.

One summons was taken out during the year 1931.

TABLE 35.

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

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

The proceedings taken before the Magistrates resulted as follows:—
Dismissed on payment of costs.

FOOD AND DRUGS ACTS.

TABLE 36.

Return of Official Samples for the Year ending 31st December, 1931, showing the number taken, and the percentage of adulterated Samples for the year.

Article.	Number of Samples taken.	Adul- terated.
Milk	468	14
Condensed Milk	13	—
Butter	113	—
Cheese	8	—
Margarine	105	—
Lard	81	—
Dripping	18	—
Coffee	12	—
Cocoa	29	—
Tea	38	—
Sugar	58	—
Mustard	11	—
Port Wine	5	—
Ruby Wine	2	—
Whisky	16	—
Gin	8	2
Rum	8	—
Brandy	8	—
Prunes.. .. .	4	—
Self-raising Flour	41	—
Table Jelly	23	—
Bisto	14	—
Chicken and Ham Paste	1	—
Marzipan Mixture	1	—
Chocolate Caramels	1	—
Tea Dust	2	—
Saxa Salt	4	—
Tapioca	4	—
Rice	22	—
Pea Soup Flour	13	—
Custard Powder	6	—
Ox Tail Soup.. .. .	5	—
Pearl Barley	17	1
Desiccated Soup	3	—
Cake	18	—
Carried forward	1180	17

Percentage of adulterated samples for the year—1·35.

Article.					Number of Samples taken.	Adul- terated.
Brought forward					1180	17
Celery Soup					1	—
Breakfast Sausage					6	—
Brawn					4	—
Fish Paste					12	—
Muscatels					1	—
Soup					2	—
Mixed Fruits					5	—
Cornflour					19	—
Arrowroot					4	—
Table Salt					7	—
Gravy Thick					7	—
Corned Beef					2	—
Mixed Creams					1	—
Blanc Mange					2	—
Tomato Soup					5	—
Gravy Salt					4	—
Soup Mixture					1	—
Rolled Oats					5	—
Preserved Sausage					4	—
Milk Chocolate					1	—
Nut Creams					1	—
French Coffee					4	—
Sweets					4	—
Chocolate					1	—
Chocolate Creams					1	—
Luncheon Sausage					2	—
Fruit Salad					1	—
Oatmeal					1	—
Jam Sandwich					2	—
Ground Rice					3	—
Figs					3	—
Mustard Condiment					1	—
Jam Roll					5	—
Crushed Linseed					7	—
Compound Liquorice Powder					1	—
Ground Ginger					1	1
Glauber Salts					1	—
Epsom Salts					1	—
Bicarbonate of Soda					2	—
Cream of Tartar					1	—
Castor Oil					1	—
Liquid Paraffin					1	—
Linseed Oil					1	—
Glycerine					1	—
Carried forward					1320	18

INFORMAL SAMPLES.

In addition to the samples taken under the Food and Drugs Acts as shown in (Table 36), 563 samples were purchased informally by the Inspector through his several agents. The whole of these samples were submitted to the Public Analyst for analysis, with the following result:—

TABLE 37.

Article.	Number of samples purchased by Agents.	Result of Analysis.		Percentage of adulterated samples.
		Genuine.	Adulterated.	
Milk	135	133	2	1·5
Butter	282	282	—	—
Lard	122	122	—	—
Dripping	5	5	—	—
Golden Syrup	4	4	—	—
Syrup	1	1	—	—
Iodine (Phenolated)	1	1	—	—
Tincture of Iodine ..	1	1	—	—
Sausages	10	9	1	10·0
Sauce	1	1	—	—
Herbal Tablets ..	1	1	—	—
	563	560	3	0·53

TABLE 38.

SALE OF FOOD AND DRUGS AND OTHER ACTS.

PROCEEDINGS TAKEN, WITH THE RESULT.

Name and Address of Vendor.	Sample and Number.	Result of Analysis.	Result of Proceedings.
Express Dairy Co., Ltd., 12, St. George's Road	Milk 1214	13 per cent. deficient in Milk Fat	Dismissed on payment of £3/3/0 costs.

INFECTIOUS DISEASES.

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

Your Medical Officer is available for consultations with Medical Practitioners in doubtful or difficult cases.

In addition to the usual notification from Medical Practitioners, there is close co-operation between the Public Health Department and the School Medical Service of the London County Council.

School intimation notices are received regularly and visits are made to the houses by our Health Visitors and conditions reported upon to the Medical Officer of Health.

SMALLPOX.

There were 31 cases notified during 1931 as against 106 in 1930.

Towards the end of the year this disease became more prevalent, owing to the infection being spread by mild unrecognised cases.

It is interesting to note that I saw no case occurring in a vaccinated person.

The disease has continued a mild type and no deaths have occurred.

No action was found necessary under the Smallpox Prevention Regulations, 1917.

SCARLET FEVER.

The notifications of this disease were the lowest on record since 1923. The disease continues to be very mild in character as shown by the fact that only 3 deaths occurred out of 514 known cases.

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

					Notified.	Deaths.
1927	..	..	..	..	540	1
1928	..	..	..	..	673	3
1929	..	..	..	..	662	3
1930	..	..	..	..	763	4
1931	..	..	..	..	514	3

The Dick test has not been used for diagnosis or for susceptibility tests.

ENTERIC FEVER.

2 cases of Enteric Fever were notified during the year, and 3 of Paratyphoid.

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

					Notified.	Deaths.
1927	..	..	..	..	10	1
1928	..	..	..	..	2	1
1929	..	..	..	..	5	1
1930	..	..	..	..	2	1
1931	..	..	..	..	5	1

DIPHTHERIA.

Fewer cases of Diphtheria occurred than ever previously, except in the year 1915, when there were 387 known cases, but the number of deaths in that year was 37, whereas, during this year, there have only been 8 deaths.

The Borough Council are taking all possible steps to combat this disease, and in this connection have established a "Schick Clinic" at Sutherland House where preventive inoculations are given free of charge, and by the issuing of anti-toxin to all Medical Practitioners, practising in the Borough, for the purpose of curing the disease when it occurs.

Regarding the "Schick Clinic," I made the following report to the Public Health Committee in December last. (The 1931 table has been brought up to date.)

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

					Notified.	Deaths.
1927	..	..	..	..	774	21
1928	..	..	..	..	668	13
1929	..	..	..	..	603	22
1930	..	..	..	..	667	17
1931	..	..	..	..	426	8

IMMUNISATION AGAINST DIPHTHERIA.

Your Immunisation Clinic commenced in March, 1929, at Sutherland House, and is held every Thursday afternoon. Since that time until November 1st, 1931, 424 persons have been rendered immune to Diphtheria at the Clinic. *(up to the end of 1932 = 424)*

At the outset it will be quite obvious to the Committee that this number is far too small to have any effect on the number of cases of

Diphtheria which occur annually in the Borough. The figure, however, shows that either

(1) Our system of propaganda and education regarding the benefits of being protected against Diphtheria is inadequate; or

(2) That parents are failing to realise the dangers of Diphtheria and are not supporting your scheme of prevention, in spite of warnings.

The statistics of your Borough in connection with Diphtheria are as follow:—

Average past 5 years	{	Average notified cases per annum (over 5 years period)	733
		„ number of deaths per annum (over 5 years period)	21
		„ deaths per 100 cases	2.9
1930.	{	Number of notified cases of Diphtheria, 1930	677
		„ deaths from Diphtheria, 1930	17
		„ deaths per 100 cases	2.5
		„ persons rendered immune, 1930	124
1931.	{	Number of notified cases of Diphtheria, 1931	426
		„ deaths from Diphtheria	8
		„ deaths per 100 cases	1.9
		„ persons rendered immune, 1931	116

These statistics show that there has been a decline in the number of notifications of Diphtheria during the past two years, and also in the number of deaths, but, as previously stated, this decline can hardly be attributed to the work of the Immunisation Clinic; the figures do, however, answer definitely in the negative the question raised at the last Committee Meeting, i.e., “that the deaths from Diphtheria have increased since the introduction of the immunisation process.”

From the various discussions at the Committee Meeting, I gathered that Members wished to know the value of Immunisation against Diphtheria.

I am fortunately able to give you some first-hand information on the subject, having been one of the first Medical Officers to use this method—I take extracts of reports from (1) Privy Council Medical Research Council, issued in 1927; and (2) Sir George Newman's Report on the “State of the Public Health for the year 1928.”

LOWESTOFT.

(1) “In June, 1925, a small outbreak of diphtheria occurred at the Lovewell Road Infants' School, a frequent centre of infection, and, as the result of investigation at the school, 10 children were removed as

diphtheria 'carriers,' 3 of whom proved to be virulent, and were appropriately treated. As subsequent re-swabbing yielded negative results on four occasions, they were allowed to return to school. Four months later further cases of Diphtheria occurred, and it was then found that two of the former 'carriers' again yielded Diphtheria Bacilli on swabbing and were evidently the source of infection. It was therefore decided to exclude them again, and to protect the children by Schick-testing and immunisation. Help from Dr. Lethem, of the Ministry of Health, was obtained. A meeting of parents was summoned and addressed by the Chairman of the Health and Education Committees, by Dr. Lethem, and Dr. W. Stott, the Medical Officer of Health for Lowestoft. Owing to the enthusiastic address of the Chairman of the Education Committee, a well-known anti-vaccinator, the response by parents was regarded as extremely satisfactory, 50 per cent. presenting their children for immunisation. The work of testing was done at the end of September, and 173 children were tested and yielded as many as 130 Schick-positives (75 per cent.)—23 out of 24, aged 1—5; 79 out of 99, aged 5—10; and 28 out of 50, aged 10 years and over. In all, 122 were immunised, 8 having failed to attend. Dr. Stott writes that, up to the present date (October 12th, 1926), it is interesting to note that no further cases of Diphtheria have occurred in this school or even in the district in which it is situated."

(2) "In Lowestoft a school outbreak was checked by immunisation in 1925. Last year Diphtheria again broke out, but in another school, and in spite of all precautions soon spread to different parts of the town. None of the 173 children treated in 1925 took the disease, although cases occurred in that school among unprotected children. Acting on the experience gained two years ago, the Council are now offering immunisation to all children in Infant Departments, and have also opened a Clinic at the Child Welfare Centre."

CONCLUSIONS AND RECOMMENDATIONS:—

From the above short report it will be gathered that where a large proportion of the susceptible people in a district are immunised, the disease is more or less quickly eradicated, thus proving the value of immunisation.

It is uncertain as to the length of time a person remains immune, and as the process is new it is impossible to give any exact idea on the subject. It is, however, known that people who have been immunised in school age have remained immune for 15 to 20 years afterwards, and it is possible there may be immunity for life.

I would, therefore, recommend the Committee to continue this work of immunisation with increased vigour, and beg to suggest that:—

- (a) A small notice be stamped on every weight card at the Centres;
- (b) Frequent mothers' meetings be addressed by Dr. Porter Smith or one of your Medical Staff, on this important subject.
- (c) Handbill enclosed in each book issued from the Public Libraries;
- (d) A lantern slide be prepared on the subject and shown on the screen in local cinemas.

TABLE 39.
SHOWING THE NUMBER OF ATTENDANCES
AT THE SCHICK CLINIC, 1931.

A.

SCHICK TEST. NEW CASES.

Number Tested.				Protection Inoculation given without Test.			
Children, 0-5	..	34		Children, 0-5	..	23	
Children, 5-14	..	56		Children, 5-14	..	1	
Adults	..	3		Adults	..	—	

OLD CASES (READING OF SCHICK TEST).

Immune.				Susceptible.			
Children, 0-5	..	3		Children, 0-5	..	31	
Children, 5-14	..	19		Children, 5-14	..	36	
Adults	..	3		Adults	..	—	

Miscellaneous Readings.

Children, 0-5	..	—
Children, 5-14	..	1
Adults	..	—

B.

Protective Inoculations given to old Cases.					Cases.	Inoculations.
Children, 0-5	..	..	..	57	1 had	1
					2 do.	3
					3 do.	53
Children, 5-14	..	..	..	35	1 had	3
					3 do.	31
					5 do.	1

C.

Number Re-Tested after 3 months.			Found Immune.		
Children, 0-5	..	49	Children, 0-5	..	48
Children, 5-14	..	71	Children, 5-14	..	67
Adults	..	1	Adults	..	1
Found Susceptible.			Miscellaneous Readings.		
Adults	..	1	Children, 0-5	..	—
Children, 5-14	..	3	Children, 5-14	..	1
Children, 0-5	..	—	Adults	..	—
Total Attendances.					
Children, 0-5	..	295			
Children, 5-14	..	295			
Adults	..	8	Total 598		

MEASLES.

This fever, the most serious of the Infantile complaints, requires skilled attention, particularly in cases occurring between the ages of 1 to 5 years. Accordingly, many cases are now admitted to the various Fever Hospitals under the control of the London County Council and it is hoped that by these means many of the lives formerly lost from this disease, will be saved.

Where found necessary, other cases not severe enough for admittance to Hospital, are referred to the District Nurses for home nursing.

All cases are visited by a Health Visitor who gives advice and instruction and, if necessary, visits them subsequently.

A report on each case is made to the Medical Officer of Health.

The number of cases notified during the year was 302. Of these, *Measles 255*, *German 47*, 194 were under 5 years of age, and 45 cases were removed to hospital.

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

1927	..	..	..	..	..	27
1928	..	..	..	..	..	72
1929	..	..	..	..	..	16
1930	..	..	..	..	..	77
1931	..	..	..	..	..	3

DIARRHOEA.

It is gratifying to learn that the number of deaths from Diarrhoea occurring during the year is lowest in the history of the Borough.

In Southwark, Summer Diarrhoea is notifiable during the months of July, August and September, and in these three months, only one case was notified, which was sent to Hospital.

Deaths from Diarrhoea during the last 5 years:—

	Deaths.
1927	36
1928	31
1929	41
1930	24
1931	16

WHOOPING COUGH.

The number of fatal cases being 18 as against 10 in 1930.

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

	Deaths.
1927	30
1928	26
1929	49
1930	10
1931	18

My remarks regarding Measles, apply equally to Whooping Cough.

INFLUENZA.

The deaths from Influenza during the last 5 years:—

	Deaths.
1927	43
1928	29
1929	135
1930	20
1931	35

This disease was not very prevalent during the year. There are no reasons for any special remarks.

When there is a threatened epidemic, leaflets are circulated through the Borough.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

12 cases of Puerperal Fever and 36 cases of Puerperal Pyrexia were notified during the year.

The whole of the former and 28 of the latter were removed to Hospital.

There were 5 deaths from Puerperal Fever. (See Maternity and Child Welfare report.)

OPHTHALMIA NEONATORUM.

This is a disease of the eyes occurring in infants shortly after birth. It is preventable, and the prevention lies entirely in the hands of the doctor or midwife attending the birth.

20 cases occurred, as against 28 in 1930. No cases of blindness occurred as a result.

An analysis of the cases will be found hereunder:—

Notified.	Cases treated.		Vision un- impaired.	Vision impaired.	Total Blindness.	Deaths.
	At home.	Hospital.				
20	10	*10	Nil	Nil	Nil	Nil

* These 10 cases were treated at the various Hospitals as out-patients.

PREVENTION OF BLINDNESS.

A record is kept under the Blind Persons Act, 1920, of all cases under 5 years of age reported from the Welfare Centres, which are referred to the Metropolitan Society for the Blind, 296, Vauxhall Bridge Road.

CEREBRO-SPINAL FEVER, ENCEPHALITIS LETHARGICA AND POLIOMYELITIS.

12 cases of Cerebro-Spinal Fever were notified during the year, 10 of which died. 2 cases of Poliomyelitis were also notified and sent to hospital. 1 case of Encephalitis Lethargica died at home, having been notified in 1930.

ACUTE PRIMARY AND INFLUENZAL PNEUMONIA.

411 cases were notified during the year. 278 of these were removed to hospital or infirmary. There were 84 deaths of these notified cases.

CANCER.

This disease shows a steady increase year by year. Of the 290 deaths, 259 occurred in persons over the age of 45.

The age groups are as follows:—

There were 51 deaths aged 45 to 55.

„ „ 78 „ „ 55 to 65.

„ „ 90 „ „ 65 to 75.

„ „ 40 „ „ 75 and upwards.

The greatest number of deaths occurred in males.

The principal sites of the cancer were the stomach and intestines in the male, and the breast and genital organs in the female.

The number of deaths from cancer in the last five years is as follows:—

	Deaths.				
1927	260
1928	252
1929	254
1930	250
1931	290

TABLE 40.
Return of Families Admitted into the Council's Reception House during the year 1931.

1931.	Scarlet Fever.			Diphtheria.			Smallpox.			Other Diseases, etc.			Verminous Persons.		
Week ending	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days	No. of Families	No. of Persons	No. of Days
Jan. 10 ..	—	—	—	2	8	29	1	2	6	—	—	—	—	—	—
„ 17 ..	—	—	—	2	11	22	—	—	—	—	—	—	—	—	—
„ 24 ..	1	4	16	—	—	—	—	—	—	—	—	—	—	—	—
„ 31 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feb. 7 ..	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
„ 14 ..	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
„ 21 ..	—	—	—	1	8	16	—	—	—	—	—	—	—	—	—
„ 28 ..	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
March 7 ..	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
„ 14 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 21 ..	—	—	—	—	—	—	1	2	8	—	—	—	—	—	—
„ 28 ..	—	—	—	1	2	4	1	4	12	—	—	—	—	—	—
April 4 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 11 ..	—	—	—	1	3	9	—	—	—	—	—	—	—	—	—
„ 18 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 25 ..	1	2	6	—	—	—	—	—	—	—	—	—	—	—	—
May 2 ..	—	—	—	—	—	—	1	2	10	—	—	—	—	—	—
„ 9 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 16 ..	—	—	—	1	2	6	1	5	15	—	—	—	—	—	—
„ 23 ..	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—
„ 30 ..	—	—	—	—	—	—	1	5	15	—	—	—	—	—	—
June 6 ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 13 ..	—	—	—	—	—	—	2	7	21	1	2	6	—	—	—
„ 20 ..	—	—	—	1	2	6	—	—	—	—	—	—	—	—	—
„ 27 ..	1	5	15	—	—	—	—	—	—	—	—	—	—	—	—

July	4	..	—	—	—	—	—	—	2	7	7	—	—	—	—	—
„	11	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„	18	..	1	6	24	—	—	—	—	—	—	—	—	—	—	—
„	25	..	1	3	9	—	—	—	—	—	—	—	—	—	—	—
Aug.	1	..	1	2	6	—	—	—	—	—	—	—	—	—	—	—
„	8	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„	15	..	—	—	—	1	3	9	—	—	—	—	—	—	—	—
„	22	..	—	—	—	1	5	15	—	—	—	—	—	—	—	—
„	29	..	—	—	—	1	4	16	—	—	—	—	—	—	—	—
Sept.	5	..	—	—	—	1	3	9	—	—	—	—	—	—	—	—
„	12	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„	19	..	1	4	12	—	—	—	—	—	—	—	—	—	—	—
„	26	..	—	—	—	2	10	30	—	—	—	—	—	—	—	—
Oct.	3	..	1	2	4	1	3	9	—	—	—	—	—	—	—	—
„	10	..	—	—	—	—	—	—	1	7	21	—	—	—	—	—
„	17	..	—	—	—	1	2	6	—	—	—	—	—	—	—	—
„	24	..	1	6	18	—	—	—	1	6	42	—	—	—	—	—
„	31	..	2	4	12	—	—	—	—	—	—	—	—	—	—	—
Nov.	7	..	—	—	—	2	5	13	1	4	20	—	—	—	—	—
„	14	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„	21	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„	28	..	—	—	—	1	2	6	—	—	—	—	—	—	—	—
Dec.	5	..	—	—	—	—	—	—	2	8	24	—	—	—	—	—
„	12	..	—	—	—	—	—	—	1	3	12	—	—	—	—	—
„	19	..	—	—	—	—	—	—	1	1	3	—	—	—	—	—
„	26	..	—	—	—	1	4	12	—	—	—	—	—	—	—	—
Total	..		12	39	124	25	90	256	17	63	216	1	2	6	—	—

TABLE 41.
NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1931.

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	9	152	202	74	32	19	21	2	3	—	—	—	—	246	268	514	497	3
Smallpox	—	1	6	5	7	4	3	2	1	2	—	—	—	18	13	31	31	—
Diphtheria	6	141	160	55	23	19	11	9	2	—	—	—	—	202	224	426	426	8
Memb. Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	1	—	—	1	—	—	—	—	—	—	—	—	2	2	2	—
Paratyphoid	—	—	—	—	1	1	—	—	1	—	—	—	—	1	2	3	3	1
Puerperal Fever	—	—	—	—	—	2	8	2	—	—	—	—	—	—	12	12	12	5
Puerperal Pyrexia	—	—	—	—	2	7	20	7	—	—	—	—	—	—	36	36	28	5
Cerebro-Spinal Fever ..	1	7	—	—	2	—	—	1	—	1	—	—	—	6	6	12	12	10
Measles	33	161	94	7	2	3	1	1	—	—	—	—	—	146	156	302	45	3
Malaria	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	1	—	—
Dysentery	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	—
Epidemic Diarrhoea	—	2	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	18
Encephalitis Lethargica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Pneumonia	23	70	46	14	32	25	42	42	43	41	25	6	2	270	141	411	278	84
Ophthalmia Neonatorum ..	20	—	—	—	—	—	—	—	—	—	—	—	—	15	5	20	—	—
Erysipelas	5	7	6	6	9	6	8	21	29	22	3	7	—	59	70	129	—	—
Polio-Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Myelitis	—	1	—	1	—	—	—	—	—	—	—	—	—	2	—	2	2	—
Chickenpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	97	543	515	162	110	87	115	87	79	66	28	13	2	967	937	1904	1337	138

DISINFECTION.

The total number of disinfections of rooms during the year by the Council's disinfecting staff was 7,361. Of this number 2,173 rooms were disinfected after the occurrence of the ordinary notifiable infectious diseases, as against 3,553 rooms in 1930. 4,584 periodical sprayings of rooms occupied by phthisical patients were also carried out during the year.

604 verminous rooms were sulphured and otherwise cleansed by the Council's staff during the year, as against 907 in 1930.

Among the total number of disinfections (7,361) it was found necessary to strip 64 rooms. Of these 25 were in relation to the notifiable diseases, and 39 after the termination of cases of phthisis.

TABLE 42.

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

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	TOTAL.
Disinfected ..	253	227	203	254	186	178	289	170	180	124	109	2173
Stripped ..	6	9	2	2	1	2	3	—	—	—	—	25

TABLE 43.

Bedding, etc., disinfected and destroyed after the occurrence of Infectious Disease during the Year 1931.

Articles.	No. Disinfected.	No. Destroyed.
Beds	992	61
Palliasses	589	59
Bolsters.. .. .	579	17
Pillows	1,750	57
Cushions	260	34
Blankets	1,442	12
Sheets	1,062	12
Quilts	947	16
Articles of Clothing, etc.	2,611	108
Books	236	—
Total	10,468	376

In addition, one attache case of papers was disinfected and two mats were destroyed.

MATERNITY AND CHILD WELFARE.

At the present time the Maternity services of the Borough are carried on with eight municipal, two partly municipal and partly voluntary, and four voluntary centres.

HEALTH VISITING.

The arrangements made for the visiting of children between the ages of 1 and 5 years for the present appear to be fairly satisfactory.

During the year under consideration 868 more children between these ages have been visited in their homes by the Health visitors.

Of this number 730 were visited by the Municipal health visitors and 138 by Voluntary workers.

Cases of measles, whooping cough, pneumonia, ophthalmia neonatorum, etc., are visited and reported on by the health visitors employed by the Council; likewise enquiries into cases of puerperal pyrexia, maternal and infant deaths.

In this connection I must state that I am of opinion that all enquiries and visits to newly-born infants, as well as those from 1 to 5 years, should be made by the health visitors employed by the Council.

ANTENATAL CLINICS.

Antenatal Clinics are held at Sutherland House every Monday and Friday mornings and one session is held monthly at St. Jude's Centre, Lambeth Road. The attendances for the years are as follow:—

SUTHERLAND HOUSE. (Monday, Dr. Shepherd.)

During the year 171 mothers were seen and given advice, they made 467 attendances. Of this number, 36 were sent by midwives, 85 by the health visitors, 4 by various hospitals, 1 by a private practitioner, and 45 came of their own accord.

SUTHERLAND HOUSE. (Friday, Dr. Bergin.)

228 mothers were seen and given advice; they made 498 attendances. Dr. Bergin reports:—

The following figures show the increase in the work done at the Antenatal Session held on Friday mornings at Sutherland House:—

					New.	Total.
1930	..	..	..	..	202	433
1931	..	..	..	..	228	498

During the last year we arranged a new system of cards which are transferred to the midwife before the confinement and afterwards returned to the Medical Officer; in this way the Doctor may check his findings antenatally with the result.

The midwives are now realising the importance of returning these records, but there are still a number outstanding whose records have not been returned. I would suggest that the midwives receive a small fee for filling in and sending back these record cards, and also if a Doctor transfers a midwife's case to Hospital for the confinement some compensation should be made.

The majority of cases attending are referred by midwives, the figures for 1931 being—199 sent by midwives; 20 sent by Health Visitors; 4 sent by Relieving Officers; 1 sent by T.B. Clinical Officer; 2 came of their own accord; and 2 sent by the Centre Medical Officers.

Out of the total number of mothers who attended, there was one death—pneumonia after parturition; it is interesting to note that this patient suffered from pyorrhoea alveolaris, and although advised and warned of the dangers, she refused to have treatment. It is difficult to get the mothers to realise the necessity for treatment of dental caries and other dental conditions. Perhaps a special clinic for this class of patient where they would meet each other, instead of a general dental department at a hospital, might be an improvement.

There were three still-births out of the total attendances.

Of the 228 expectant mothers seen during the year, 17 were found on examination to be abnormal. 1 case of hydramnios, 2 cases of antepartum haemorrhage, and 8 cases of malposition were referred to Hospital, and 6 cases of albumin in urine were referred to their own Doctors.

With the present staff at the Antenatal Clinic—one Medical Officer and one Health Visitor—most of the time is taken up with the clinical side of the work, very little being done on the educational side.

The number of patients who can be efficiently dealt with in a session is about 10.

It frequently occurs that mothers come to the Clinic in a depressed state of mind; this condition is observed by the Medical Officer in charge and it is at once realised that advice at this stage is not expedient, but help from a psychological point of view is really what is required, and it is gratifying to report that in several instances a friendly and intimate chat has had the effect of relieving the depression and causing the prospective mothers to go away in a more cheerful frame of mind.

There is some difficulty in getting the patients to return monthly or weekly if necessary, although if they do not return on the day appointed for them, they are visited or get a reminder to attend. Some of them seem to think that one visit is sufficient.

The Clinic is too great a distance for some, and especially if they have to attend more than twice. They usually make the effort to come once, but very often stop at that, and in the abnormal cases it is most essential that they attend as often as required. This suggests more Antenatal Clinics situated nearer the homes of the prospective mothers.

There has been very little difficulty in securing beds for patients referred to Hospitals for their confinements.

In necessitous cases, milk and sometimes food are supplied to the mothers.

ST. JUDE'S CENTRE, LAMBETH ROAD.

(1 session monthly, Dr. Shepherd.)

88 mothers were seen and given advice; they made 249 attendances.

MATERNAL MORTALITY.

The number of deaths during 1931, due directly to pregnancy or childbirth, was 10; of these 5 were due to septic causes and 5 from other causes.

All cases of Maternal Deaths are visited by your Health Visitors and reported upon.

Maternal mortality rates per 1,000 total births are as follow:—

	London (Administrative County.)	Southwark.
Puerperal sepsis	1.96	1.65
Other accidents and diseases of pregnancy and parturition	1.72	1.65

ARTIFICIAL LIGHT TREATMENT.

The arrangement with Guy's Hospital, whereby Ultra Violet Rays are applied to ailing and delicate children is still carried on and during the year the number of cases sent for treatment was 102. Many of the children have made good progress, particularly in cases of rickets, malnutrition and wasting, and in the winter when natural sunlight is deficient, this treatment is of undoubted use and is worthy of continuance.

CONVALESCENT TREATMENT.

An arrangement was entered into between the Borough Council and the Invalid Children's Aid Association by which the Council undertook part payment for children under 5 years of age sent to Convalescent Homes by that Association and 59 children were thus assisted to have the necessary treatment and fresh air to restore them to health.

16 children were referred to the Public Assistance Committee for convalescence.

The treatment of convalescent children has been carried out by the Invalid Children's Aid Association for some years, but by the arrangements mentioned above, the Council now bears part of the cost incurred up to £300 per annum for children attending our centres requiring convalescence.

DINNERS TO NECESSITOUS MOTHERS.

697 Dinner Coupons were given to necessitous mothers who were referred to the Southwark Invalid Kitchen, at a cost to the Council of £17 8s. 6d. for the year.

MATERNITY AND CHILD WELFARE CENTRES.

Assistant Medical Officer of Health

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

Superintendent Health Visitor .. Mrs. J. A. HOLLAND.

(to October 12th, 1931).

1A CENTRE (Voluntary).

St. John's Institute, Larcom Street.

District served by Centre .. St. John's Ward. ✓

Sessions held every Wednesday

and Thursday 2—4.0.

Medical Officers Dr. E. M. Saxton and
Dr. M. O. Cruickshank.

Superintendent Mrs. A. Parkins.

1B CENTRE (Municipal).

Sutherland House, Sutherland Square.

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

Sessions held every Tuesday .. 10.0—12. 2.0—4.0. ✓

Medical Officer Dr. Dorothy Shepherd.

Health Visitor Mrs. Kingsmill.

2A CENTRE (Municipal).

Sutherland House, Sutherland Square.

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

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

Medical Officer Dr. Dorothy Shepherd.

Health Visitor Miss W. Sayer.

2B CENTRE (Municipal).

Working Boys' Club, Villa Street.

District served by Centre .. St. Peter's District.

Sessions held every Wednesday .. 10.0—12. 2.0—4.0. ✓

Medical Officer Dr. M. Bergin

Health Visitor Miss W. F. Cleverley.

3A CENTRE (Municipal).

All Saints' Parish Room, Surrey Square.

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

3B CENTRE (Municipal).

Lady Margaret Church Parish Room, Chatham Street.

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

4A CENTRE (Partly Municipal and partly Voluntary).

Crossways Mission Hall, New Kent Road.

District served by Centre	..	Trinity Ward.
Sessions held every Wednesday	..	10.0—12. 2.0—4.0.
Medical Officer	.. ..	Dr. Jackson Smith.
Health Visitor	.. ..	Miss K. L. M. Hinde (from January 19th, 1931).

4B CENTRE (Municipal).

Mission Hall, Lansdowne Place.

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

5 CENTRE (Partly Municipal and partly Voluntary).

56, Lambeth Road.

District served by Centre	..	A part of St. Jude's and St. Michael's Wards.	✓
Sessions held every Monday and Friday	.. .. .	2—4 0	
Medical Officer	.. .. .	Dr. Dorothy Shepherd.	
Health Visitor	.. .. .	Miss Pearson.	

6A CENTRE (Municipal).

St. George's Dispensary, Pocock Street.

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

6B CENTRE (Municipal).

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

District served by Centre	..	St. Saviour's Ward.	
Sessions held every Monday	..	10.0—12. 2.0—4.0.	✓
Medical Officer	.. .. .	Dr. M. Bergin.	
Health Visitor	.. .. .	Mrs. M. E. George.	

6c CENTRE (Voluntary).

86, Borough Road.

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

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

ANTE-NATAL CLINICS.

Sutherland House, Sutherland Square.

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

Sutherland House, Sutherland Square.

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

56, Lambeth Road.

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

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

MATERNITY AND CHILD

Showing the Attendances at the Several Centres and Visits
TABLE

Number of Births notified during the year	362	314	389	238	206	237	213	153	282	323	219	90	57	3083
Number of individual children attending the Centre during year	517	503	503	244	239	258	339	266	456	393	234	64	78	4094
Number of Sessions held during the year	94	96	94	94	94	94	96	92	93	96	90	46	95	1174
Number of new cases attending the Centres during the year—														
(1) Expectant Mothers	194	—	11	—	15	13	1	54	45	12	5	—	881	1231
(2) Infants under 1 year	368	334	344	179	170	193	206	155	292	263	174	59	75	2812
(3) Seen by Doctor	235	230	261	116	110	140	143	97	252	156	151	58	75	2024
(4) Children 1 to 5 years	149	169	159	65	69	65	133	111	164	130	60	5	3	1282
(5) Seen by Doctor.. .. .	34	38	66	13	14	8	33	19	110	29	6	3	3	376
Method of Feeding—(a) Breast.. .. .	265	259	267	124	123	175	163	129	208	210	147	52	70	2192
(b) Breast and bottle	22	17	19	11	13	7	18	11	31	27	13	1	1	191
(c) Bottle	37	58	65	47	34	9	26	19	54	27	14	6	4	400
(d) Ordinary diet	193	169	152	62	69	67	132	107	163	129	60	5	3	1311
Total number of attendances at the Centres during the year—														
(1) Mothers	7120	5952	5761	4280	3771	4069	4816	4012	4562	5582	4725	1844	159	56653
(2) Expectant Mothers	554	12	20	1	30	42	3	138	114	75	100	5	3382	4476
(3) Infants under 1 year	4309	3785	3899	2363	2158	2491	2250	2135	2265	3329	2840	1025	1773	34622
(4) Children 1 to 5 years	2287	2118	1822	1512	1555	1433	2622	1981	2440	1822	1809	988	892	23281
(1) Average number of attendances	75.7	62.0	61.3	45.5	40.1	43.3	50.2	43.6	49.1	58.1	52.5	40.1	1.7	—
(2) do. do.	5.9	—	—	—	—	—	—	—	—	—	—	—	—	35.6
(3) do. do.	45.8	39.4	41.5	25.1	23.0	26.5	23.4	23.2	24.4	34.7	31.6	22.3	18.7	—
(4) do. do.	24.3	22.1	19.4	16.1	16.5	15.2	27.3	21.5	26.2	19.0	20.1	21.5	9.4	—
(5) Total number of attendances of Infants seen by Doctor during the year.. .. .	1458	1590	1713	975	1158	1190	1015	1272	1123	1326	1254	538	1231	15843
(6) Total number of attendances of children 1 to 5 years seen by Doctor during the year	545	910	880	637	722	716	835	1033	972	763	657	497	664	9831
(7) Total number of Expectant Mothers seen by Doctor	194	—	11	—	7	20	1	80	45	14	5	—	881	1258
(8) Children weighed	5527	5653	5649	3841	3580	3768	4747	3621	3872	4997	4372	2011	2665	54303
(9) Post-natal cases.. .. .	1976	—	—	1	1	65	—	412	825	128	64	260	438	4170
Total number of first visits paid by Health Visitors to homes of—														
(1) Expectant Mothers	202	167	172	81	65	45	68	87	241	151	70	26	784	2159
(2) Infants under 1 year	392	329	432	282	252	277	229	191	287	370	205	64	61	3371
(3) Children 1 to 5 years	94	—	—	—	—	—	—	—	12	—	—	76	9	191
Total number of revisits paid by Health Visitors to homes of—														
(1) Expectant Mothers	224	35	13	6	7	2	—	—	266	—	4	55	1037	1649
(2) Infants under 1 year.	1829	1377	1150	699	1040	1473	803	1829	1528	1706	923	903	503	15763
(3) Children 1 to 5 years	2603	1690	1281	1463	1551	1147	1930	1819	2877	1740	1594	3017	1378	24090

Sewing Classes were held during the year at

WELFARE CENTRES.

paid to the homes of Mothers and Children by Health Visitors.
44.

St. John 1A.	St. Mary. 1B.	St. Paul. 2A.	St. Peter. 2B.	All Saints. 3A.	Lady Margaret 3B.	Crossway. 4A.	St. Stephens. 4B.	St. Jude. 5.	St. Michael. 6A.	St. Saviour. 6B.	St. George. 6C.	Guy's. 7.	TOTAL.
362	314	389	238	206	237	213	153	282	323	219	90	57	3083
517	503	503	244	239	258	339	266	456	393	234	64	78	4094
94	96	94	94	94	94	96	92	93	96	90	46	95	1174
194	—	11	—	15	13	1	54	45	12	5	—	881	1231
368	334	344	179	170	193	206	155	292	263	174	59	75	2812
235	230	261	116	110	140	143	97	252	156	151	58	75	2024
149	169	159	65	69	65	133	111	164	130	60	5	3	1282
34	38	66	13	14	8	33	19	110	29	6	3	3	376
265	259	267	124	123	175	163	129	208	210	147	52	70	2192
22	17	19	11	13	7	18	11	31	27	13	1	1	191
37	58	65	47	34	9	26	19	54	27	14	6	4	400
193	169	152	62	69	67	132	107	163	129	60	5	3	1311
7120	5952	5761	4280	3771	4069	4816	4012	4562	5582	4725	1844	159	56653
554	12	20	1	30	42	3	138	114	75	100	5	3382	4476
4309	3785	3899	2363	2158	2491	2250	2135	2265	3329	2840	1025	1773	34622
2287	2118	1822	1512	1555	1433	2622	1981	2440	1822	1809	988	892	23281
75.7	62.0	61.3	45.5	40.1	43.3	50.2	43.6	49.1	58.1	52.5	40.1	1.7	—
5.9	—	—	—	—	—	—	—	—	—	—	—	—	35.6
45.8	39.4	41.5	25.1	23.0	26.5	23.4	23.2	24.4	34.7	31.6	22.3	18.7	—
24.3	22.1	19.4	16.1	16.5	15.2	27.3	21.5	26.2	19.0	20.1	21.5	9.4	—
1458	1590	1713	975	1158	1190	1015	1272	1123	1326	1254	538	1231	15843
545	910	880	637	722	716	835	1033	972	763	657	497	664	9831
194	—	11	—	7	20	1	80	45	14	5	—	881	1258
5527	5653	5649	3841	3580	3768	4747	3621	3872	4997	4372	2011	2665	54303
1976	—	—	1	1	65	—	412	825	128	64	260	438	4170
202	167	172	81	65	45	68	87	241	151	70	26	784	2159
392	329	432	282	252	277	229	191	287	370	205	64	61	3371
94	—	—	—	—	—	—	—	12	—	—	76	9	191
224	35	13	6	7	2	—	—	266	—	4	55	1037	1649
1829	1377	1150	699	1040	1473	803	1829	1528	1706	923	903	503	15763
2603	1690	1281	1463	1551	1147	1930	1819	2877	1740	1594	3017	1378	24090

Sutherland House with a total attendance of 346.

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 1931.

TABLE 45.

	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, etc.	Puerperal Pyrexia.	TOTAL.
	Births.	Measles.	Ophthalmia Neonatorum.	Births.	Measles.	Ophthalmia Neonatorum.									
Mrs. Holland (to Oct. 12th)	—	—	—	—	—	—	—	—	—	—	244	—	—	—	244
Mrs. Kingsmill ..	329	47	3	3067	9	—	202	—	—	—	142	8	—	6	3813
Miss Sayer ..	432	20	1	2431	2	—	185	—	—	—	97	274	2	3	3447
Miss Cleverley ..	282	14	4	2162	—	—	87	2	—	—	139	193	2	4	2889
Miss Rogers ..	252	22	1	2591	3	—	72	—	—	—	92	220	1	1	3255
Miss Cottrill ..	277	60	7	2620	20	—	47	—	—	—	90	30	7	3	3161
Miss Hinde ..	229	72	6	2733	17	—	68	—	—	1	94	361	4	10	3595
Miss Adair ..	191	12	2	3648	—	—	87	—	—	—	94	—	—	5	4039
Miss Freeth ..	370	20	1	3446	2	—	151	—	—	—	98	83	1	3	4175
Mrs. George ..	205	15	1	2517	—	—	74	—	—	1	107	106	2	7	3035
Mrs. George (home help)	—	—	—	—	—	—	—	—	—	—	478	—	28	—	506
TOTAL ..	2567	282	26	25215	53	—	973	2	—	2	1675	1275	47	42	32159

LABORATORY FACILITIES.

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

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

BACTERIOLOGICAL SPECIMENS.

Number of specimens examined during 1931	..	..	2718
Positive results	..	..	381

FOOD AND DRUG SAMPLES.

1,977 samples of Foods and Drugs, both formal and informal, have been examined during 1931.

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, B.Sc., F.I.C.,
Public Analyst.

TUBERCULOSIS SCHEMES.

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

All notifications from Medical Practitioners are recorded in the Statutory Register which is kept in the Public Health Department.

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

The number of notified cases and deaths for the last 5 years is as follows:—

					Notified.	Deaths.
1927	..	..	..	..	343	197
1928	..	..	..	..	319	194
1929	..	..	..	..	339	232
1930	..	..	..	..	339	210
1931	..	..	..	..	312	208

The mortality rate was 1.20 per 1,000 as against 1.17 per 1,000 in 1930.

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

PHTHISIS.

TABLE 46.

Notification Register.

	PULMONARY.			NON-PULMONARY.			Total Cases.
	Males.	Females.	Total.	Males.	Females.	Total.	
Number of cases of Tuberculosis remaining at the 31st December, 1931, on the Registers of Notifications kept by the Medical Officer of Health of the Metropolitan Borough	763	478	1241	303	233	536	1777
Number of cases removed from the Register(s) during the year by reason <i>inter alia</i> of:—	178	120	298	31	27	58	356
(1) Withdrawal of notification	49	38	87	14	14	28	115
(2) Recovery from the disease	6	11	17	4	9	13	30
(3) Deaths	123	71	194	13	4	17	211

TABLE 47.

TUBERCULOSIS.

Age Periods.	New Cases.*		Deaths.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
0.. ..	—	1	—	1
1.. ..	1	16	2	2
5.. ..	8	14	2	1
10.. ..	8	7	4	8
15.. ..	29	11	20	7
20.. ..	47	6	23	—
25.. ..	69	5	29	2
35.. ..	45	3	30	2
45.. ..	51	3	41	3
55.. ..	42	3	44	1
65 and upwards..	12	2	13	1
TOTAL ..	312	71	208	28

(1) The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 1 in 8.

This figure is represented in 28 deaths; of this number 16 were found to be suffering from tuberculosis as a result of post-mortem examination, and 8 died in institutions outside the Borough, which leaves 4 un-notified or notified after death, so that strictly speaking the rate is 1 in 59.

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

TABLE 48.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from the 28th December, 1930, to the 2nd January, 1932,
in the Metropolitan Borough of Southwark.

Age-periods	Notifications on Form A.												Total Noti- fications on Form A.
	Number of Primary Notifications.												
	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 and upwards	Total Primary Notifi- cations.	
Pulmonary Males ..	—	—	4	1	10	28	33	30	35	29	10	180	214
,, Females ..	—	1	4	6	17	13	27	12	12	6	2	100	121
Non-Pulmonary Males ..	—	10	9	4	5	3	2	1	2	2	2	40	41
,, ,, Females	—	4	5	1	3	2	2	1	—	—	—	18	22

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

TABLE 49.

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 28th December, 1930, to the 2nd January, 1932, otherwise than by notification on Form A or Form B under the Public Health (Tuberculosis) Regulations, 1912.

Age Periods ..	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 & upwards	Total Cases
Pulmonary Males ..	—	—	—	—	1	2	8	2	3	4	—	20
,, Females ..	—	—	—	1	1	4	1	1	1	3	—	12
Non-pulmonary Males ..	1	1	—	1	1	—	1	—	1	1	—	7
,, ,, Females	—	1	—	1	2	1	—	1	—	—	—	6

DEATHS FROM PULMONARY TUBERCULOSIS.

TABLE 50.

Shewing the number of Patients who died in their own homes and the number who died away from home in Hospitals or other Institutions, 1931.

	0-	1-	2-	5-	15-	25-	45-	65-	75-	ALL AGES.		
										Males.	Females.	TOTAL.
Number of patients who died at home ..	—	—	—	1	12	18	27	6	—	31	33	64
Number of patients who died in hospitals, etc.	—	2	2	3	31	41	58	7	—	105	39	144
	—	2	2	4	43	59	85	13	—	136	72	208

Of the total number of deaths from Pulmonary Tuberculosis 69·2 per cent. occurred in hospitals or other institutions.

Disinfection was carried out as follows:—

TABLE 51.

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

	St. Mary's Ward.	St. Paul's Ward.	St. Peter's District.	St. John's District.	Trinity Ward.	All Saints' District.	St. Michael's Ward.	St. Jude's Ward.	St. George's Ward.	Christchurch Ward.	St. Saviour's Ward.	TOTAL.
Disinfected ..	556	460	408	503	483	434	655	257	431	160	237	4584
Stripped ..	5	2	2	2	4	7	6	3	6	1	1	39

WORK OF THE TUBERCULOSIS DISPENSARY.

I have received the following report from Dr. Crowe, your Clinical Tuberculosis Officer.

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

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

The number of new cases examined and the total number of attendances, etc., at the Dispensary will be found in the table on page 106.

DIAGNOSIS OF TUBERCULOSIS.

The Dispensary has played its part as an aid to diagnosis in doubtful cases. It is to be regretted that the majority of patients referred to the Dispensary cannot be said to be in the early stages of disease, and a happier state of affairs will not be reached until earlier medical advice is sought for symptoms which often herald an attack of Tuberculosis, such as lassitude, loss of appetite and persistent coughs, or even mis-called Influenza. Special forms of investigation were again utilised whenever necessary. 40 cases were sent to Guy's Hospital for X-Ray examination under the existing arrangement with that body, and sputum examinations were made in 509 cases.

PROVISION OF EXTRA NOURISHMENT.

Allowances of milk, cod-liver oil, etc., are provided to Tuberculosis patients in accordance with the conditions laid down by the Ministry of Health. 47 patients were granted extra nourishment under this scheme.

The Public Assistance Committee of the London County Council render valuable assistance in granting relief, food and clothing to many of our poorer patients. In addition to these Public bodies, the Charity Organisations Association, the British Red Cross Society, United Services Fund and the National Association for the Prevention of Tuberculosis have all helped in many ways.

SUPERVISION OF HOME CONDITIONS.

This very good work is carried out by three T.B. Visitors attached to the Dispensary. Their duty is to supervise the homes of sufferers; to see that all precautions are taken for preventing the spread of the disease to others living in the home; to persuade contacts and sufferers to attend the Dispensary regularly; to report to the Clinical T.B. Officer as to the patients' general condition and the conditions under which they are living; to make suggestions for any improvement which will benefit them.

For these purposes, your Nurses made 4,169 visits.

ISSUE OF SHELTERS, ETC.

Shelters and bedsteads have been lent to suitable patients.

HOME NURSING.

Home Nursing, when required, is carried out by the Benson Home and the Ranyard Nursing Association.

CO-ORDINATION OF DISPENSARY WITH OTHER HEALTH SERVICES.

There is complete co-ordination between the School Medical Services of the L.C.C. and the Borough Maternity and Child Welfare Services and the Dispensary. A special Saturday morning session is devoted to the examination of children, and reports of children are examined and furnished to the appropriate departments.

Relations between the Ministry of Pensions, the L.C.C., Medical Practitioners and ourselves are well maintained.

INSTITUTIONAL TREATMENT.

A total of 328 persons were recommended to the L.C.C. for Institutional treatment and 27 other persons were recommended to that Authority for observation and diagnosis.

A large number of advanced cases were sent to the Public Assistance Committee of the L.C.C. for admission to the old Poor Law Hospitals. They are still dealt with by the Relieving Officers.

NON-PULMONARY TUBERCULOSIS.

Surgical cases of bones, glands and joints are admitted to suitable sanatoria or to the Orthopaedic Departments of Children's Hospitals.

Three patients received artificial sunlight treatment at Guy's Hospital and the Council's liability is 1s. per head for each sitting in these cases.

ARTIFICIAL PNEUMO-THORAX TREATMENT.

This form of treatment has again been a large item in the Dispensary routine. 19 patients are undergoing such a course at the present time either at the Brompton Hospital or elsewhere. Refills are given once a week, decreasing to once a month according to the progress of the patient.

The Borough Council remunerates the hospital authorities at the rate of 10s. 6d. for each of these refills.

During the period under review the total cost for this form of treatment was £120 4s. 6d.

COLONY TRAINING.

Two of our youthful patients between 14 and 19 years of age underwent training at Burrow Hill Colony, Frimley, Surrey.

INVALID CHILDREN'S AID ASSOCIATION.

This Association continues to give us great assistance in dealing with delicate children I have recommended for convalescent treatment, and the boarding out of contact children of advanced T.B. cases living at home, under the L.C.C. Scheme.

11 children were thus dealt with during the year.

TUBERCULOSIS CARE COMMITTEE.

The Care Committee met weekly during the year and did a large amount of work most useful to the Dispensary; the full report of the Committee follows hereafter.

REPORT OF THE TUBERCULOSIS CARE COMMITTEE, 1931.

As in former years the Committee has met weekly.

It consists of representatives of the Borough Tuberculosis Dispensary (the Tuberculosis Officer is the Chairman), the Borough Council, the London County Council Organiser of School Care Committees, the Invalid Children's Aid Association, the Charity Organisation Society, the British Legion, the United Services Fund, the Soldiers' and Sailors' Help Society, the Red Cross and the Women's University Settlement.

THE COMMITTEE'S WORK.

The Committee consider cases referred to it by the Borough Tuberculosis Officer for Sanatorium or Hospital treatment under the London County Council Tuberculosis scheme, cases brought up for some special need by the Tuberculosis Officer, the Nurses or any member of the Committee and sees that the required help is obtained from the various agencies to which the Committee refer the cases and assesses the amount which the patient's family should contribute towards the cost of the treatment when their means allow.

Many cases go away for months, even years, who could not do so if allowances were not provided for their families in their absence. Children have sometimes to be looked after or placed in homes during the mother's absence and many patients have to be provided with the necessary clothes.

For these, and other, purposes, 28 persons have been referred to the Charity Organisation Society, 27 to the Soldiers' and Sailors' Help Society, 37 to the United Services Fund and the British Legion, 4 to the Society for the Relief of Distress and 11 to regimental agencies and the Royal Naval Benevolent Trust. The Friends of the Poor, the Red Cross, the Mayor's Fund and private individuals have also rendered great assistance.

On 12 occasions the Public Assistance Committee has supplied outfits of clothes, and the Invalid Kitchens co-operated in the supply of suitable meals.

We work in close co-operation with the two branches of the Invalid Children's Aid Association who take charge of the children's cases by filling in the Home Enquiry forms, collecting the payments, visiting the families, caring for the children's future and making known to the Care Committee any special needs.

Apart from the visits paid by the Borough Tuberculosis Dispensary Staff, the Honorary Secretary of the Care Committee visits, or arranges for the visit of every adult case before they go away and after their return, to see that any help needed is, if possible, given. The Committee wishes to thank the various agencies that make the help possible as, apart from a grant for extra nourishment administered by the Tuberculosis Officer to special cases requiring it as part of their treatment, the Council has no funds of its own.

Contributions are required by the London County Council from the patients' families towards the cost of their treatment when circumstances permit. Our Committee recommended the amounts in the cases of 253 adults and 73 children which came before it in 1931. The families of 48 adults and 28 children contributed sums varying from two shillings to twenty shillings.

Should any adverse change occur in the family circumstances, leave is asked of, and always given by the London County Council, to return the payments either for a time or altogether.

We conclude by giving warm thanks to all societies and individuals who have co-operated with us in our work in trying to carry on the war against Tuberculosis.

L. ASHE,
Hon. Sec.