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Strand (London, England). Board of Works.

Publication/Creation

1901.

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ANNUAL REPORT
ON THE
STATISTICS
AND
SANITARY CONDITION
RELATING TO THE
STRAND DISTRICT,
OF
THE CITY OF WESTMINSTER
FOR THE YEAR
1900.

BY
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D.P.H. CAMB., F.R.S. ED.

MEDICAL OFFICER OF HEALTH.

Printed by Order of the Public Health Committee.

LONDON:
DIPROSE, BATEMAN & CO., SHEFFIELD STREET,
LINCOLN'S INN FIELDS, W.C.

M.D.CCCCI.

CONTENTS.

	PAGE
Summary of Statistics	4
Population	5
Births	6
Deaths	7
Causes of Death	9
Notifiable Infectious Diseases	10
Other Communicable Diseases	15
Disinfection	16
Children's Country Holiday Fund	16
Mortuaries	16
Sanitary Work	17
Smoke Nuisances	18
Overcrowding	18
Houses let in Lodgings	19
Legal Proceedings	19
Removal of Human Remains from St. Mary's Church, Charing Cross Road... ..	20
Water-Gas	20
Workshops	22
Inspection and Analysis of Food	23
Departmental Committee's Report, on Milk and Cream	23
Alteration of Area	26
Transfer of Powers	27
Statistical Tables (Appendix)	29



TO THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE CITY OF WESTMINSTER.

MY LORDS AND GENTLEMEN,

I have the honour to submit to you my Annual Report on the Health and Sanitary Condition of the Strand District during the year 1900. It contains the Statistical Tables required by the Local Government Board, and other tables from which an idea may be formed of the position the District occupies from a health point of view, as compared with London as a whole and its various groups of districts. In order that uniform Statistics for the year may be shown, I have reported as if the Strand District still existed up to the end of 1900, and have dealt separately with the alterations caused by the London Government Act, so far as these relate to this part of the City.

The meteorological conditions during 1900 proved favourable to health, and except in the first few weeks of the year when an epidemic of influenza prevailed, death-rates were below the average.

I have again to call attention to the great difficulty which those classes of the community who are compelled to live in Central London experience in finding accommodation. I had hoped that the buildings which the County Council promised to erect, would have been ready for occupation before any large number of persons had been displaced from the Clare Market Area, but now many persons have had to quit their houses without such provision having been made, with the result that overcrowding has largely increased in the neighbourhood.

Having lately presented a Special Report giving a view of the health conditions in the Strand District with a resumé of the Statistics from the year 1855, I have not dealt as fully in this Report, with the causes which tend to produce a high death-rate in part of the District.

It affords me much pleasure to express my satisfaction with the way in which the Sanitary Inspectors and other members of the staff of the Health Department have discharged their duties, and I take this opportunity of testifying to the loyal manner in which during my eight years of office under the Strand Board, they have at all times co-operated with me.

I am, my Lords and Gentlemen,

Your obedient Servant,

FRANCIS J. ALLAN,

Medical Officer of Health.

HEALTH DEPARTMENT,

5, TAVISTOCK STREET, W.C.

20th February, 1901.

SUMMARY OF STATISTICS.

AREA OF THE STRAND DISTRICT (exclusive of water) :—

Strand portion...	...	113 acres	
St. Anne's „	...	53 „	
		<u> </u>	166 acres.

POPULATION, estimated to the middle of 1900 :—

Strand portion...	...	11,500	
St. Anne's „	...	12,000	
		<u> </u>	23,500

BIRTH-RATES :—

	For 1900.		Average of 10 years, 1890-99
England and Wales...	28·9	...	30·1
London	28·6	...	30·4
Strand District ...	20·1	...	23·0
Strand Sub-District	17·3	...	21·0
St. Anne's „	22·7	...	25·1

DEATH-RATES :—

England and Wales...	18·3	...	18·4
London	18·3	...	19·6
Strand District ...	18·6	...	23·0
Strand Sub-District	21·56	...	26·8
St. Anne's „	15·75	...	19·1



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
OF THE
STRAND DISTRICT
OF
THE CITY OF WESTMINSTER.

THE following Report deals with the District as it existed under the Strand Board of Works, but special mention is made to deaths and cases of infectious disease which have occurred in those parts which have been the subject of transfer between the City of Westminster and the Borough of Holborn.

POPULATION.

From the changes which are taking place in this District, it is impossible to determine with accuracy the figures which best represent the population of the District. The estimate of the Registrar-General, based upon the rate of decrease in the period between the last two census years, is, for the year 1900, 22,748; but to this figure there must be added those persons who are resident in the various Poor-Law establishments at Edmonton and elsewhere, and who add considerably to the death rate of the District. According to the return prepared under the

Equalisation of Rates Act, the Registrar-General estimates the population resident in this District as 23,654 (11,685 in St. Anne's, 11,969 in the Strand Sub-District), so that there is a difference of 906 between his two estimates. My own calculation of the population as at the middle of the year 1900, is 23,500, including inmates of the Poor-Law establishments connected with the District. This figure is divided into 11,500 for the Strand portion of the District, and 12,000 for St. Anne's portion, and is possibly too high an estimate.

BIRTHS.

The total number of births registered in the District was 446. This has to be corrected by the addition of 5 births in Poland Street Workhouse, 6 in Edmonton Workhouse, and 24, which I am informed through the courtesy of the Secretary, occurred in the British Lying-in Hospital, Endell Street; while 8 births in Bear-yard Workhouse have to be placed to the credit of St. Martin-in-the-Fields parish, leaving a total of 473 births. The birth rate is thus 20·1 per 1,000 inhabitants, as against 21·2 in 1899. The birth rate in London for 1900 was 28·6 per 1,000; the average of the previous ten years was 30·4.

TABLE I. shewing the corrected Number of BIRTHS (Male and Female) occurring in the Strand District, and each of its Sub-Districts, in the Year ending December 31st, 1900.

	Male.	Female.	Total.	Rate per 1,000 of Population in 1900.	Average Rate per 1,000 in the 10 years 1890-99.
1. St. Anne's Sub-District ...	139	134	273	22·7	25·1
2. Strand Sub-District	98	102	200	17·3	21·0
Strand District ...	237	236	473	20·1	23·09



DEATHS.

The total number of deaths, after correction,* which were registered as properly belonging to this District, during the year was 437.

PARISH.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
St. Anne, Soho ...	202	203	231	185	205	210	189
St. Clement Danes ...	201	254	216	220	244	232	190
St. Mary-le-Strand ...	49	42	45	35	47	33	28
St. Paul, Covent Garden	33	37	38	40	23	32	26
Precinct of the Savoy	2	8	3	5	2	2	1
Liberty of the Rolls ...	6	7	4	6	2	5	3
Strand District ...	493	551	537	491	523	514	437

Upon the basis of the estimated population already referred to, the death-rate for 1900 is 18·6 per thousand persons as compared with 23·05 per thousand, the average rate for the preceding ten years. The death-rates in the four quarters were as follows :—

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.
London ...	24·3	18·1	17·7	16·5
Strand ...	25·9	19·8	12·8	15·6

The London rate for the year was 18·3 per 1,000, being 1·3 per 1,000 below the decennial average.

* The correction above referred to consists in *omitting* all deaths which took place in hospitals and kindred institutions within this district of persons not properly belonging to it; and, on the other hand, of *including* every death of such of its inhabitants as has occurred in hospitals, infirmaries, lunatic asylums, &c. throughout the Metropolis generally, and also those of paupers belonging to the several parishes of which the district is constituted, which have happened in the workhouses of the Strand and Westminster Unions respectively.

TABLE I.

Death Rates in the Groups of Metropolitan Districts in 1900, compared with those in the Strand.

LONDON.	ANNUAL RATE PER 1,000 LIVING.			Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Simple and Unde- fined Fever.	Diarrhoea.	Phthisis.	Deaths of Children under 1 year of age per 1,000 Births.
	Births.	Deaths.	Principal Zymotic Diseases.											
West ..	23.7	16.5	1.83	—	0.47	0.06	0.23	0.22	0.00	0.13	0.00	0.70	1.47	164
North ..	26.3	16.4	1.97	0.00	0.36	0.06	0.29	0.46	—	0.17	0.00	0.66	1.55	144
Central ..	27.8	22.2	2.13	—	0.47	0.11	0.23	0.51	—	0.12	—	0.68	2.81	169
East ..	35.4	21.8	2.88	—	0.56	0.10	0.44	0.56	—	0.17	0.00	1.02	2.01	177
South ..	29.2	17.1	2.19	0.00	0.36	0.01	0.37	0.45	—	0.15	0.00	0.77	1.62	156
All London }	28.5	18.3	2.19	0.00	0.42	0.08	0.34	0.42	0.00	0.15	0.00	0.77	1.71	159
Strand..	20.1	18.6	1.27	—	0.25	0.04	0.12	0.21	—	0.17	—	0.46	3.32	124
Sub-Dists.														
St. Anne..	22.7	15.7	1.33	—	0.50	—	0.08	0.08	—	0.25	—	0.41	2.66	131
Strand ..	17.3	21.5	1.21	—	—	0.08	0.17	0.34	—	0.08	—	0.52	4.00	115

NOTE.—Where the deaths under any heading are too few to express as a rate per 1,000 within two places of decimals, 0.00 is inserted; where no deaths have occurred, it is expressed thus —.

The Strand District formed one of the Central Group.

Appended to this Report (pp. 30-37) are Tables required by the Local Government Board, together with Tables showing the causes of death in the Strand District, and in each of its Sub-Districts at various groups of ages, and distinguishing males and females, Tables V. to IX.

From these Tables it may be seen that 495 deaths occurred in the District; 247 of these were of persons who did not belong thereto, and 189 persons belonging to the District died outside its bounds. 136 inhabitants of the District died in Poor Law Institutions, 11 in Lunatic Asylums, 4 in Fever Hospitals and

67 in General and Special Hospitals; thus 49·6 per cent. of the deaths of residents occurred in Public Institutions (37 in St. Anne, 59·2 in Strand Sub-District); 29·1 per cent. of the deaths in all London were under similar circumstances.

TABLE II.

Deaths in the Strand District, 1900. Showing Locality at time of Death.

Registration Sub-District.	Sub-Districts.		Work-houses and Infirmaries.		General and Special Hospitals.		Fever Hospitals.		Lunatic Asylums.		Totals.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males	Females.	Males and Females.
ST. ANNE SOHO	72	47	18	10	24	14	1	—	1	2	116	73	189
STRAND	53	47	59	49	13	16	3	—	3	5	131	117	248
STRAND DISTRICT	125	94	77	59	37	30	4	—	4	7	247	190	437

Causes of Death.—As in former years, deaths from diseases due to Tubercle (phthisis, scrofula, &c.), and from diseases affecting the Respiratory System occupy a prominent place.

Tubercular disease killed 3·91 per 1,000 of the population in the Strand District in 1900, while for all London the rate was only 2·45. In St. Anne's the rate was 3·3, and in the Strand Sub-District it was as much as 4·5. The phthisis rates bear similar proportions. These rates are below the average in St Anne's but above it in the Strand Sub-District. (See p. 30 of Special Report, 1855-1900.) 21 per cent. of the total deaths were due to some form of tubercular disease.

Respiratory Diseases.—Except in the first quarter of the year when Influenza was prevalent, the death-rate from diseases of the respiratory organs was below the average, yet more than one-fourth of the total deaths were registered under this heading.

NOTIFIABLE INFECTIOUS DISEASES.

149 certificates were received in 1900, relating to 140 cases of infectious disease. The amount paid for certificates during the year was £12. 14s., which is refunded by the Metropolitan Asylums Board.

TABLE III.

Cases notified per 1,000 resident population in 1900.

Disease.	London.	Strand.	St. Anne Sub-District.	Strand Sub-District.
Smallpox	0·01	—	—	—
Scarlet Fever	3·01	3·52	4·91	1·92
Diphtheria & Membranous Croup	2·61	1·58	2·37	0·73
Typhus Fever	0·00	—	—	—
Enteric Fever	0·93	0·44	0·50	0·36
Continued „	0·01	0·00	0·08	—
Relapsing „	—	—	—	—
Puerperal „	0·05	—	—	—
Cholera	0·00	—	—	—
Erysipelas	1·03	0·39	0·50	0·27
Total... ..	7·67	5·99	8·38	3·30

During 1900, no difficulty was experienced in obtaining admission of patients to hospital from the Strand District. 94 per cent. of the Scarlet Fever; 94·3 per cent. of the Diphtheria; 90·9 per cent. of the Enteric Fever; and 22·2 of the Erysipelas cases were so treated.

TABLE IV.

Infectious Diseases notified, 1890—1900.

In London.

Year.	Small Pox.	Scarlet Fever.	Diphtheria and Croup.	Enteric Fever.	Typhus Fever.	Other Continued Fevers.	Puerperal Fever.	Erysipelas.	Cholera.	Relapsing Fever.	TOTALS.
1890	60	15,330	5,870	2,877	35	237	206	4,598	25	7	30,245
1891	114	11,398	6,412	3,372	27	152	221	4,764	23	39	26,552
1892	423	27,095	8,356	2,465	20	147	347	6,934	54	7	45,848
1893	2,813	36,901	13,694	3,666	22	205	397	9,700	86	4	67,485
1894	1,192	18,440	11,190	3,360	21	162	253	6,080	21	2	40,925
1895	979	19,757	11,223	3,506	14	105	236	5,660	29	3	41,512
1896	225	25,647	13,941	3,190	6	103	279	6,438	13	3	49,845
1897	104	22,848	13,199	3,103	4	65	264	5,800	38	1	45,361
1898	32	16,894	11,855	3,024	16	55	247	5,169	23	1	37,316
1899	29	18,113	13,704	4,463	14	69	330	5,615	15	1	42,353
1900	87	13,800	11,985	4,291	7	73	237	4,762	5	—	35,247

In the Strand District.

1890	—	60	10	13	—	—	—	10	—	—	93
1891	—	33	13	19	—	1	1	12	—	—	79
1892	7	111	33	12	—	—	1	22	—	—	186
1893	30	143	79	11	—	—	1	22	—	—	286
1894	5	52	30	15	—	1	—	11	—	—	114
1895	5	116	36	24	—	—	—	17	—	—	198
1896	—	130	36	9	—	—	1	11	—	—	187
1897	8	122	41	18	—	—	—	17	—	—	206
1898	—	45	50	9	—	—	—	11	—	—	115
1899	—	55	37	12	—	—	—	17	—	—	121
1900	—	80	36	10	—	1	—	9	—	—	136

TABLE V.

Cases of Infectious Diseases notified during the year 1900, in the Strand District, and during the months of November and December in the portion added.

NOTIFIABLE DISEASES.	Cases notified in the Strand District.							Total Cases notified in each Sub-District.			Number of Cases removed to Hospital.			
	At all Ages.	At Ages—Years						Strand.	St. Anne.	Added portion.	Strand.	St. Anne.	Added portion.	Totals.
		0 to 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards							
Small-pox ...	—													
Diphtheria ...	35	1	13	6	5	10		8	27		8	25		33
Membranous Croup ...	1			1					1					
Erysipelas ...	9				2	7		3	6		1	1		2
FEVERS—														
Scarlet ...	83		10	39	23	11		21	58	4	19	56	3	78
Typhus ...	—													
Enteric ...	11			3	5	3		1	6	1	4	5	1	10
Continued	1				1				1					
Puerperal	—	—	—	—	—	—		—	—	—	—	—	—	—
TOTAL ...	140	1	23	49	36	31	—	36	99	5	32	87	4	123

Plague.—In the Autumn of 1900, considerable apprehension arose lest this disease should be imported into this country, and the Local Government Board issued an order making it compulsorily notifiable. Arrangements were made in London by the County Council, for the prompt identification and isolation of any cases, but fortunately none occurred.

Scarlet Fever.—This disease was less prevalent in London in the year 1900, than has been the case in any year since 1891. In the Strand District, however, there were 80 cases notified;

the larger proportion of these occurred in the parish of St. Anne, and were associated with an outbreak in connection with a police section house. After deducting 3 cases, 2 of which were reported as not being Scarlet Fever, and 1 as being Measles, there were in all 55 cases in that parish. Fortunately the disease was of a very mild type, and no deaths occurred. The remainder of the cases were in the Strand portion, and one of them proved fatal. There were 3 cases of this disease notified in the portion taken over from St. Giles' Parish.

Diphtheria.—This disease was less prevalent in London, than in 1899. In the Strand District 35 cases were notified, 27 being in St. Anne's, and 8 in the Strand Sub-division. Three persons were, after removal to an Asylum's Board hospital, stated not to be suffering from Diphtheria, but it is evident that the persons must have been so suffering at the date of notification, as not only were there throat symptoms, but the Diphtheria bacillus was isolated by a competent bacteriologist. Two of these cases were in one family, two other members of which, were also suffering from the disease. In connection with these cases, the Strand Board considered there had been a want of care on the part of the authorities at a general hospital of which they were out-patients in not warning the mother of the danger which was suspected, and considerable correspondence took place with the result that the regulations of the institution, which if properly enforced, would have obviated any difficulty, have been since properly carried out, so far as any dealings with this District have been concerned.

There were 3 fatal cases, 1 in St. Anne's, 2 in the Strand Sub-district.

Mr. Cribb, the bacteriologist appointed by your Board, reports that during the year 1900 he has examined 4 specimens taken from the throats of persons suspected of suffering from Diphtheria, or desirous of knowing that they were free from infection after having been exposed thereto. In three instances the diphtheria bacillus was not found, in the other case it was discovered. Examination of expectoration was made in one case, to determine if the person was suffering from consumption of the lungs, but the tubercle organism was not found.

Enteric Fever.—The number of cases registered in London was again above the average, though less than in 1899; nearly half the total number of cases were notified in the three months October to December. Ten cases were notified in the Strand District, 6 being in St. Anne's (3 of them fatal), 4 in the Strand Sub-district (1 fatal); 1 case also occurred in the St. Giles' portion added to the City. There was also a case of "Continued Fever" notified, which was probably Enteric Fever. Of these 12 cases, 4 undoubtedly contracted the disease in the country, in 5 cases defective drains existed in the houses in which they lived, and in 3 cases the source of infection could not be ascertained. In five instances, the persons affected worked at hotels, restaurants or public houses.

Erysipelas.—Nine cases were notified, with no deaths.

Smallpox and Vaccination.—No case of Smallpox has occurred in this District since 1897.

I am indebted to Mr. J. H. Penfold and Mr. W. C. Hasted, Vaccination Officers respectively of Westminster Union and Strand Union, for the subjoined details relating to the performance of Vaccination in those parts of the above Unions included in the Strand District for the year 1899.

1899.	Births.	Successfully Vaccinated.	Insusceptible.	Died Unvaccinated.	Vaccination Postponed.	Removed and Address not known.	Removed and V. O. informed.	Conscientious Objections.	Remaining.
St. Anne	271	216	—	25	—	27	—	2	1
Strand ...	202	126	1	34	—	31	4	—	6
TOTALS	473	342	1	59	—	58	4	2	7

In addition to the compulsorily notifiable diseases, I have also obtained information from school teachers and others, of the existence of cases of Measles, Whooping Cough, Mumps, and Chickenpox, distributed as follows :—

	St. Anne's Sub-District.	Strand Sub-District.	Portion of St. Giles.	Total.
Measles 	50	24	—	74
Whooping Cough ...	2	40	—	42
Mumps 	—	1	—	1
Chickenpox 	2	1	3	6

Measles.—The occurrence of two deaths in St. Anne's Parish was the first indication I had that Measles was prevalent. I then found that 55 children were absent from St. Anne's School. Steps were at once taken to ascertain if any children were attending this or other schools, from an infected house, and notices were sent to teachers requesting their exclusion. These cases occurred in March and April. No cases occurred in the Strand Sub-District until May, and through prompt information being given, there were only a few cases. There were 6 deaths from this disease, all in St. Anne's.

Whooping Cough was prevalent in the Strand Sub-District from April to July, and 4 deaths occurred ; 2 cases came to my knowledge in St. Anne's, 1 being fatal.

Influenza was prevalent at the end of the year 1899, and continued into the first quarter of 1900, causing 10 deaths directly, besides adding largely to the death-rate through its effects on the respiratory organs.

Diarrhæal Disease.—11 deaths occurred from Acute or Infantile Diarrhœa, as against 21 in the preceding year. The improvement which has been taking place in this District, as I have shown in previous reports, still continues. The rate for the 10 years 1890-99, was 0·64 per 1,000, for 1900, 0·46 per 1,000.

DISINFECTION.

During the twelve months ending 31st December, 1900, 128 premises were purified and cleansed after infectious disease, and 3,438 articles were disinfected at Denzell Street.

The use of formic aldehyde as a gas, or in the form of spray, substituted in place of sulphur fumigation, continues to give satisfaction. One important result has been the great reduction in the time inmates of rooms undergoing process of disinfection, have been kept out of them. With the present methods, the "Temporary Shelter" is less likely to be made use of, and during 1900, only 7 persons were admitted thereto.

Cleansing of Persons Act.—Two persons applied during 1900. They were given a warm bath while their clothing was purified by being passed through the disinfecting apparatus.

Children's Country Holiday Fund.—As in former years, I have supplied the Local Committees of this Fund with information as to the presence or absence of infectious disease in the houses of those children they proposed sending to the country for a fortnight's holiday. This was done during the months of June, July and August, and I have been able to supply more valuable information than hitherto, as the school teachers have been more careful to notify me of the occurrence of cases of Measles, Whooping Cough, &c. The Hon. Secretary of the Strand and St. Giles' Committee wrote to the late Board to acknowledge the help received by the Committee, and stating that 512 children had been sent away, and in no instance had any illness been conveyed to the districts in which they spent their holiday.

MORTUARIES IN THE DISTRICT.

During the year, the number of dead bodies received into the mortuaries in the Strand District were as follows:—

1899.	Total number of Bodies.	After Infectious Disease.	Post-mortem examinations made.
Strand Mortuary	55	1	30
St. Anne's „	8	—	—
TOTAL	63	1	30

SANITARY WORK.

The following list summarises the work carried out under the supervision of the Department during the year :—

Number of visits paid by Sanitary Inspectors*	..	4,588
Preliminary notices served	... ..	273
Statutory Notices	... ..	37

DWELLING HOUSES :—

Inspections*	... ..	698
Premises in which works have been carried out	...	270
Letters written	... ..	539
Overcrowding abated (by written notice)	... ..	20
Cleansed and Whitewashed	{ Throughout ... { Partially ...	29 108
Ventilation improved, walls, ceilings and floors repaired		23
Roofs made water-tight	... ..	27

Water closets :—

Reconstructed and repaired	... ..	53
Additional provided	... ..	16
Water re-instated	... ..	9
Flushing apparatus repaired	... ..	20
Obstructions removed from	... ..	18
New pans and traps provided	... ..	4
Pans and traps cleansed	... ..	61

Drainage :—

New drains constructed	... ..	64
Drains repaired	... ..	11
Sink and lavatory waste pipes disconnected and trapped	... ..	12
Rain water pipes repaired	... ..	23
Obstructions removed from drains	... ..	16

Paving required or repaired :—

In yards	... ..	26
In basements	... ..	18

*Exclusive of the weekly inspection of Registered Houses.

Dust and dung removal :—

Sanitary bins provided	15
Offensive refuse removed from premises ...	19

Water supply :—

Cisterns repaired and cleansed	49
Re-instatement of water after being cut off by Water Company	4
Certificates granted under “Public Health (London) Act,” Section 48	3

Under-ground rooms :—

Use prevented as separate dwellings	7
--	---

The stables and mews, 42 in number, have been regularly inspected, more particularly in regard to the periodical removal of manure.

There are no cowsheds or slaughter-houses in this district.

Smoke Consumption.—Smoke nuisances coming under Sub-section A, of Section 24 of the “Public Health Act,” have been dealt with by your Surveyor; those under Sub-section B, have had four statutory notices served upon them through the Health Department. Orders made in regard to chimneys sending forth smoke so as to be a nuisance, have in each case been complied with.

Overcrowding.—In my Annual Report for 1898. I pointed out that many persons displaced from the Clare Market area were finding accommodation in adjoining houses which were quite unsuitable for letting out in tenements, and in my Report for 1899, referring to this matter, I expressed regret that the Council had not erected buildings on the sites in the vicinity acquired by them for the purpose of re-housing persons to be displaced.

It is deplorable to have to report that while at least 1,200 persons have now been displaced, no buildings have yet been erected on the acquired sites, several of which have been lying vacant for a long period. Certainly, some blocks of buildings have been erected at Millbank, but I am informed, that none of the persons displaced from the Strand District have become tenants there,

The result has been that at every meeting of the late Board, instances of overcrowding had to be dealt with, and the staff has had much extra work in the prevention and abatement of nuisances.

Houses let in Lodgings.—113 premises have been inspected under these By-laws during the year 1900, but a number of the houses are now being closed in connection with various schemes of improvement. From the weekly reports of Assistant Inspector Chamberlain, I find that with regard to the 62 registered houses in the Strand Sub-district complaint had to be made in 143 instances that the yards and passages were dirty, in 135 instances that the water closets were in a dirty condition, and in 2 instances that they were obstructed. Overcrowding was reported 3 times. In St. Anne's Parish with respect to 51 houses there were 159 complaints of dirty yards and passages, 117 of dirty water closets, 19 of obstructed water closets, and 8 of overcrowding. The owners or agents of the following premises were cautioned by the Board to exercise greater care in maintaining their premises in a cleanly condition:—On 4th July, in respect of Nos. 2, 4, 6, 8, 10 and 16, Meard Street and No 10, Craven Street, and on the 10th October, in respect of No. 10, Denzell Street, No. 22, Houghton Street, No. 20, Bateman Street, Nos. 8 and 16, Meard Street and No. 26, St. Anne's Court.

Systematic Inspection of houses has gone on regularly throughout the year as required by the "Public Health Act." Houses so dealt with are situated in the following streets:—

Frith Street, Floral Street, Henrietta Street, Meard Street, Soho Street, St. Anne's Court, and Newport Buildings.

Legal Proceedings have been taken:—

- (1.) Against a firm of builders for permitting a house to be occupied before they had obtained a certificate that the house had a proper and sufficient supply of water. Penalty inflicted, 20s. and 2s. costs.
- (2.) Against a householder for discontinuing the water supply of an adjacent tenant without lawful authority. Penalty inflicted, 20s. and 2s. costs.

- (3.) Against an owner of a dwelling house for failure to comply with statutory notice. The work was begun after the issue of the summons, and was eventually completed satisfactorily. The hearing of the summons was adjourned, and finally withdrawn on payment of costs.

One builder was cautioned in respect of failure to notify the Board that he was about to erect new water closets, &c. The failure was believed to be due to an oversight and the work had been properly executed.

Removal of Human Remains.—On the 11th July, 1900, I received a copy of an order made by the Home Secretary, requiring me to supervise the removal of human remains found beneath the floor of St. Mary's Church, Charing Cross Road, and to see that other work ordered was satisfactorily performed. This has been done, and I have certified to that effect. Two lead coffins and a quantity of loose bones were removed and reburied at Brookwood, and concrete has been laid over the area of the church which was not disturbed, and covered with asphalt.

Water-Gas.—The attention of the late Board was directed to the fact that many Companies supplying coal gas were adding "water-gas" to it. Water-gas is a much more poisonous gas than ordinary coal gas, and fatal cases resulting from its use have been reported near Liverpool, in Belfast, and in America. A number of precautions to be observed in its use were issued in 1898 by a Departmental Committee, but the public generally are not aware that this gas is being supplied them, and that they are exposed to greater danger. The Health Committee reported to the Board as follows:—

"The Committee have considered a report by the Medical Officer of Health on the use of Carburetted Water Gas, which is being added by certain companies to ordinary coal-gas. Water-gas is four times as poisonous as ordinary coal-gas, and the experience of towns in which it is in extensive use shows that fatal accidents are much more likely to result therefrom.

"No warning to the public, however, appears to be given by the Gas Companies that they are sending out this gas, and the

“ Committee are of opinion that users should be made aware of
“ the danger likely to result if escapes of this gas occur, either
“ from defective pipes, incomplete combustion, or from want of
“ proper ventilation to carry off the products of combustion and
“ unconsumed gas from stoves used for cooking and heating.

“ From a ‘ Return relating to all authorised Gas Undertakings
“ ‘ in the United Kingdom, other than those of Local Authorities,
“ ‘ for the year ending 31st December, 1898,’ presented in
“ compliance with an Order of the House of Commons, and
“ dated May 16th, 1899, forwarded to the Committee by the
“ Secretary and General Manager of the Gas Light and Coke
“ Company, in reply to an inquiry on this subject, it appears that
“ of the total quantity of gas sent out by the Company, 26 per
“ cent. was unmixed with water-gas. As regards the remainder,
“ 73 per cent. contained a maximum proportion of 18 per cent. of
“ carburetted water-gas; 12 per cent contained a maximum
“ proportion of 26 per cent; 4 per cent. a maximum proportion
“ of 28 per cent.; and 11 per cent. a maximum proportion of 37
“ per cent.

“ The Committee find that the Gas Examiners to the London
“ County Council, in the weekly report submitted to them, make
“ no mention of any examination being made as to the presence of
“ water-gas, and on enquiry the Committee find that the Gas
“ Examiners have no power to make such an examination.” The
Committee therefore instructed the Public Analyst for the
District to test a number of samples of gas supplied to the
District and he subsequently reported that the quantity of water-
gas present in the samples examined, did not exceed the amount
(12 per cent.) laid down as permissible by the Departmental
Committee.

A memorandum was issued by the Chief Inspector of
Factories from the Home Office, warning persons using water-gas
for gas engines and heating purposes in factories and workshops,
of its dangerous nature, and the precautions which should be
taken to see that all fittings are frequently examined, and that
effective ventilation is provided in order to carry off all fumes and
unconsumed gas.

WORKSHOPS.

The inspection of workplaces is the special duty of Inspector Martinson, and the nature of the employments chiefly carried out in the District are set out in the list prepared by him of the work done under this heading during the year 1900. From the way in which dwellings and workplaces are united in the same building, it follows not infrequently, that the house as a whole has been inspected by Chief Inspector Strutt, so that works of re-drainage and such like may be included in the general list rather than under that of "Workshops."

Number of inspections	...	...	...	...	714
" visits	...	...	...	...	1,760
Letters written	...	...	...	...	90
Extra W.C. accommodation provided	...	...	...	...	4
Overcrowding abated	...	...	...	...	10
Premises cleansed	...	...	...	...	301
Ventilation improved	...	..	...	...	3
Number of outworkers	...	...	...	...	397
Premises notified to H.M. Inspector	...	...	...	...	16
" " from " "	...	...	...	...	6
Complaints from Home Office	..	...	...	...	4

There are now on the Register 300 Workshops, containing 841 workrooms, in which 3,021 males and 1,003 females are employed. These numbers are exclusive of shops, offices and Covent Garden Market, and show an increase on preceding years.

Bakehouses.—The bakehouses have been regularly inspected. The number in the District has been reduced from 24 to 23.

Laundries.—There are 20 in the District, and they have been inspected from time to time.

Printing Offices have increased to 120.

Tailors' workshops, to the number of 90, are on the Register, but this is a constantly varying number, as those engaged in this class of work in a small way, frequently change their place of abode.

INSPECTION AND ANALYSIS OF FOOD.

The street markets have been inspected every day (including Sundays) and the following list shows the kind and quantity of the food-stuffs which has been condemned during the year :—

Bananas	482 crates	Asparagus	42 bundles
Cherries	17½ cwt	Cauliflowers	2 crates
Figs	25 baskets	French Beans	366 baskets
Lemons	13 cases	Garlic	175 bags
Oranges	56 „	Potatoes	57 cwt.
Peaches	2½ cwt	Rabbi Tops	74 bags
Pears	29 „	Rape Tops	14 „
Plums	167 „	Radishes	27 crates
Raspberries	21 „	Tomatoes	246 boxes
Sloes	24 boxes	Turnip Tops	462 bags
Strawberries	9½ cwt		

This does not represent all the damaged food-stuffs disposed of, as much refuse fruit and vegetables are collected in Covent Garden Market in the special carts provided for the purpose.

Sale of Food and Drugs Acts.—The Acts relating to the sale of food and drugs have been systematically enforced throughout the District as in former years under the supervision of your Health Committee, and from the report of the Public Analyst it will be seen that a large and varied number of articles have been examined by him.

DEPARTMENTAL COMMITTEE ON MILK AND CREAM.

The sale of Food and Drugs Act, 1899, Section 4, gave power to the Board of Agriculture to prescribe what deficiency, if any, in the normal constituents of genuine milk or cream, or what addition of extraneous matter, or proportion of water, in any sample of milk (including condensed milk) or cream, should for the purposes of the Act, and its predecessors raise a presumption, until the contrary is proved, that the milk or cream is not genuine.

The Board appointed a Committee to consider and report upon this question. Their report (January 16th, 1901,) is now issued.

After an exhaustive inquiry, the Committee recommend :—

- I. That regulations under Section 4, of the Food and Drugs Act, 1899, be made by the Board of Agriculture.
- II. (a) That in the case of any milk (other than skimmed, separated, or condensed milk) the total milk-solids in which on being dried at 100 degrees Centigrade do not amount to 12 per cent. a presumption shall be raised, until the contrary is proved, that the milk is deficient in the normal constituents of genuine milk.
(b) That any milk (other than skimmed, separated, or condensed milk) the total milk-solids in which are less than 12 per cent., and in which the amount of milk-fat is less than 3·25 per cent., shall be deemed to be so deficient in milk-fat as to raise a presumption, until the contrary is proved, that it has been mixed with separated milk or water, or that some portion of its normal content of milk-fat has been removed. In calculating the percentage amount of deficiency of fat the analyst shall have regard to the above-named limit of 3·25 per cent. of milk-fat.
(c) That any milk (other than skimmed, separated, or condensed milk) the total milk solids in which are less than 12 per cent., and in which the amount of non-fatty milk-solids is less than 8·5 per cent., shall be deemed to be so deficient in normal constituents as to raise a presumption, until the contrary is proved, that it has been mixed with water. In calculating the percentage amount of admixed water the analyst shall have regard to the above-named limit of 8·5 per cent., of non-fatty milk-solids, and shall further take into account the extent to which the milk-fat may exceed 3·25 per cent.
- III. That the artificial thickening of cream by any addition of gelatine or other substance shall raise a presumption that the cream is not genuine.
- IV. That any skimmed or separated milk in which the total milk-solids are less than 9 per cent., shall be deemed to

be so deficient in normal constituents as to raise a presumption, until the contrary is proved, that it has been mixed with water.

- V. That any condensed milk (other than that labelled "machine-skimmed milk" or "skimmed milk," in conformity with Section 11 of the Food and Drugs Act, 1899) in which either the amount of milk-fat is less than 10 per cent., or the amount of non-fatty milk-solids is less than 25 per cent., shall be deemed to be so deficient in some of the normal constituents of milk as to raise a presumption, until the contrary is proved, that it is not genuine.

The Committee further recommend:—

- (a) That it is desirable to call the attention of those engaged in the administration of the Food and Drugs Acts to the necessity of adopting effective measures to prevent any addition of water, separated or condensed milk, or other extraneous matter, for the purpose of reducing the quality of genuine milk to any limits fixed by regulation of the Board of Agriculture.
- (b) That it is desirable that steps should be taken with the view of identifying or "ear-marking" separated milk by the addition of some suitable and innocuous substance, and by the adoption of procedure similar to that provided by Section 7 of the Food and Drugs Act, 1899, in regard to margarine.
- (c) That it is desirable that, so far as may be found practicable, the procedure adopted in collecting, forwarding, and retaining pending examination, samples of milk (including condensed milk) and cream under the Food and Drugs Acts should be uniform.
- (d) That it is desirable that, so far as may be found practicable, the methods of analysis used in the examination of samples of milk (including condensed milk) or cream taken under the Food and Drugs Acts should be uniform.

- (e) That it is desirable in the case of condensed milk (other than that labelled "machine-skimmed milk," or "skimmed milk," in conformity with Section 11 of the Food and Drugs Act, 1899), that the label should state the amount of dilution required to make the proportion of milk-fat equal to that found in uncondensed milk containing not less than 3·25 per cent. of milk-fat.
- (f) That it is desirable in the case of condensed whole milk to limit, and in the case of condensed machine-skimmed milk, to exclude, the addition of sugar.
- (g) That the official standardising of the measuring vessels commercially used in the testing of milk is desirable.

ALTERATION OF AREA.

By the London Government Act the following premises were transferred on the 9th November, 1900, from St. Giles' Parish to the Parish of St. Clement Danes in the Strand District :—

Kemble Street, south-side, Nos. 1 to 28.

Sheffield Street, Nos. 1, 2, 11 and 12.

Portsmouth Street and Place.

Drury Lane, No. 122.

Lincoln's Inn Fields, south-side, Nos. 30A, to 49A.

Stanhope Street, No. 36.

And to the Parish of St. Martin in-the-Fields :—

Drury Lane, Nos. 141 to 154.

Great Wild Street, Nos. 2 to 7.

Great Queen Street, Nos. 46 and 47.

Peabody Buildings, Great Wild Street.

There has also been transferred from the Strand to St. Giles' Parish in the Borough of Holborn :—

Sardinia Street, Nos. 3 to 21.

Carey Street Nos. 51 to 60, and New Square.

By these alterations the City gains 1,850 persons to its population, and loses 200, leaving a net gain of 1,650 ; of which 1,500 persons are added to Covent Garden Ward, 150 to the Strand Ward.

In the area transferred to the City there are 5 work-places and 27 houses were registered by the late Board of Works for the District of St. Giles under old regulations which they had for houses let in lodgings.

In the area transferred to the Borough of Holborn, there were two work-places and two houses registered under the By-laws.

Deaths.—Two deaths occurred during the two months subsequent to the transference ; both were in Peabody Buildings. One death in Sardinia Street has to be transferred to Holborn.

Infectious Disease.—3 cases of Scarlet Fever, 1 of Enteric Fever, and 3 of Chickenpox occurred in the new part of the City.

TRANSFER OF POWERS.

The County Council have forwarded lists of dairies, milkshops, cowhouses, slaughter-houses, and premises where offensive trades are carried on in the City of Westminster, the City Council being now responsible for the registration, inspection, &c., of such premises. On the 9th November, there were according to the County Council's list, in the Strand part of the City, 59 dairies and milkshops, and 1 tripe-boiler ; there were no slaughter-houses, or cowhouses.

Milkshops.—On inspection of the premises mentioned in the Register, it was found that the sale of milk had been discontinued at three premises mentioned therein, and that milk was being sold by retail at three general shops which were not mentioned in the Register. On notice being served to require registration, the sale of milk was discontinued at one shop, and the other two were registered. It had been the custom of the County Council not to register shops where light refreshments were sold, but the Health Committee having considered the

matter, resolved that such places where milk was sold should be registered, and accordingly 13 shops have been added to the list.

Offensive Trades.—A complaint was received from the County Council immediately after the transfer, relative to the insanitary condition of the above mentioned tripe-boiler's premises. These are only rarely used, and are unfit to be so used. As the building in which they are situated is shortly to be pulled down in connection with the Holborn to the Strand Street, the Public Health Committee accepted an undertaking from the owners, that they would not use the premises again without the sanction of the Committee, meanwhile the premises were thoroughly cleansed.

APPENDIX.



1. Births and Deaths (Gross Numbers).
2. „ „ (Nett „).
3. Summary of Causes of Death.
4. Local Government Board Returns. (A. & B.)

TABLE VI.
THE CITY OF WESTMINSTER.
For Strand District.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES. TOTAL.		DEATHS IN PUBLIC INSTITUTIONS.	Deaths of Non-residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES. NETT.	
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1890	26,300	560	21.29	138	246	685	26.0	229	—	—	654	24.82
1891	25,692	640	24.90	136	212	677	26.3	306	—	—	696	27.08
1892	25,493	590	23.14	125	211	674	26.4	259	—	—	640	25.10
1893	25,288	607	24.00	125	205	686	27.1	298	259	244	671	26.57
1894	25,084	556	22.16	96	172	527	21.0	215	204	170	493	19.65
1895	24,879	618	24.83	105	170	612	24.6	271	260	199	551	22.14
1896	24,673	578	23.36	108	186	550	22.2	260	229	216	537	21.71
1897	24,480	580	23.69	91	156	552	22.5	250	268	206	491	20.01
1898	24,400	542	22.21	86	158	539	22.1	264	236	220	523	21.43
1899	24,000	510	21.20	92	180	544	22.7	250	241	211	514	21.4
Averages for years 1890-1899	25,028	578	23.09	110	190	604	24.1	260	—	—	577	23.04
1900	23,500	473	20.1	59	124	495	21.0	218	247	189	437	18.5

* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

Area of District in acres (exclusive of area covered by water) ...	...	166	
Total resident population at all ages ...	..	23,782	} At Census of 1896.
Number of inhabited houses ...	...	2,601	
Average number of persons per house ...	...	9.1	

TABLE VII.

THE CITY OF WESTMINSTER.

Births and Deaths in the Strand District and its Sub-Districts.

NAMES OF LOCALITIES.	1.—THE STRAND DISTRICT.				2.—STRAND SUB-DISTRICT.				3.—ST. ANNE'S SUB-DISTRICT.			
	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>
1890	26,300	560	654	138	13,500	239	367	64	12,800	321	287	74
1891	25,692	640	696	136	13,270	306	403	71	12,422	334	293	65
1892	25,413	590	640	125	13,115	280	379	58	12,378	310	261	67
1893	25,288	607	671	125	12,954	277	393	67	12,334	330	278	58
1894	25,084	556	493	96	12,794	268	291	55	12,290	288	202	41
1895	24,879	618	551	105	12,633	294	348	57	12,246	324	203	48
1896	24,673	578	537	108	12,473	286	306	50	12,200	292	231	58
1897	24,480	580	491	91	12,330	266	306	52	12,150	314	185	39
1898	24,400	542	523	86	12,250	252	318	47	12,150	290	205	39
1899	24,000	510	514	92	11,900	214	304	53	12,100	296	210	40
Averages of Years 1890 to 1899.	25,028	578	577	110	12,721	268	341	57	12,307	309	235	53
1900	23,500	473	437	59	11,500	200	248	23	12,000	273	189	36

TABLE VIII.
SUMMARY OF CAUSES OF DEATH IN THE STRAND DISTRICT IN 1900.

CAUSES OF DEATH.	Total Deaths	AGE AT TIME OF DEATH.																REGISTRATION SUB-DISTRICTS.				Totals.					
		Under 1 year.		1 to 5		5 to 15		15 to 25		25 to 35		35 to 45		45 to 55		55 to 65		65 to 75		75 and up.				St. Anne.		Strand.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES—																											
1. Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles	6	1	—	1	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	—	3	3
Scarlet Fever	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Whooping Cough	5	4	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3	1	4	1
Diphtheria	3	—	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	2	1
Enteric Fever	4	—	—	—	—	—	1	1	—	2	—	—	—	—	—	—	—	—	—	—	—	2	1	1	—	3	1
Influenza	10	—	—	—	—	—	—	—	—	—	1	—	—	—	5	—	—	2	—	1	—	—	1	6	3	6	4
Other Miasmatic Diseases	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—
2. Diarrhoeal Diseases	11	2	7	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—	2	3	1	5	3	8
3. Malarial "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Zoogenous "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Phthisis "	78	1	—	1	2	—	4	2	14	5	16	9	10	5	4	1	—	2	1	1	23	9	28	18	51	27	
Other Tubercular Diseases	14	1	3	5	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	2	2	4	8	6	
6. Venereal "	5	2	1	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	1	—	2	3	3
7. Septic	3	1	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	1	1	2	—
II.—PARASITIC DISEASES	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
III.—DIETIC DISEASES	9	1	1	—	—	—	—	—	—	—	2	1	2	—	1	1	—	—	—	—	—	3	1	3	2	6	3
IV.—CONSTITUTIONAL DISEASES																											
Malignant Disease	20	—	—	1	—	—	—	—	1	—	—	2	2	4	—	2	2	3	1	2	4	4	3	9	7	13	—
Acute Rheumatism	2	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	2
Rheumatism and Gout... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Constitutional Diseases... ..	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	1	—	—	2	—	—
V.—LOCAL DISEASES—																											
1. Convulsions and Dentition	3	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	1	2
Other Diseases of Nervous System	38	2	—	—	1	—	—	1	1	1	2	—	—	5	2	4	5	9	1	4	4	6	9	19	13	25	
2. Diseases of Circulatory System	39	—	—	1	—	—	—	—	3	2	2	1	5	3	6	3	4	4	1	4	8	7	14	10	22	17	
3. Diseases of Respiratory System... ..	103	9	2	4	5	—	2	2	2	4	2	9	2	10	9	10	12	11	8	33	16	28	26	61	42	—	
4. Diseases of Digestive System	17	—	—	1	—	1	—	—	—	2	1	2	1	2	2	1	1	—	1	2	2	5	6	4	8	9	
5. Diseases of Urinary System	9	—	—	—	—	—	—	—	1	—	1	1	1	1	2	—	2	—	—	—	5	1	2	1	7	2	
6. Diseases of Reproductive System	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	
7. Diseases of Bones and Joints	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	—	
8. Diseases of Integumentary System	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	
9. Diseases of Organs of Special Sense	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	1	
10. Diseases of Gland like Organs	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11. Diseases of Lymphatic System	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
VI.—DEVELOPMENTAL—																											
Debility at Birth	13	9	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	2	5	1	10	3	
Old Age	22	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	10	9	5	5	8	4	13	9	
VII.—ACCIDENT AND VIOLENCE	14	4	2	1	1	—	1	2	1	—	1	—	—	—	—	—	—	1	—	—	4	2	5	3	9	5	
VIII.—PLUMBISM	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
TOTALS	437	38	21	19	18	4	7	11	4	25	11	30	19	33	22	34	24	26	33	27	31	116	73	131	117	247	190

TABLE IX.

SUMMARY OF TABLES and showing DEATHS during the Year 1900, in the Metropolitan Sanitary District of STRAND, classified according to DISEASES, AGES, and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate localities. (Columns for Population and Births are in Form B.) (a)	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.																										
	At all ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	(i)	1 Smallpox.	2 Scarlatina.	3 Diphtheria.	4 Membranous Croup.	FEVERS.					10 Cholera.	11 Erysipelas.	12 Measles.	13 Whooping Cough.	14 Diarrhea and Dysentery.	15 Rheumatic Fever.	16 Ague.	17 Phthisis.	18 Bronchitis, Pneumonia, and Pleurisy.	19 Heart Disease.	20 Injuries.	21 All other Diseases.	22 TOTAL.				
													5 Typhus.	6 Enteric or Typhoid.	7 Continued.	8 Relapsing.	9 Puerperal.																	
STRAND DISTRICT	227	53	25	5	7	89	48	Under 5 5 upwds							1									5	5	10			2	19		4	33	78
IN HOSPITALS, &C., IN DISTRICT	268	23	20	17	16	170	22	Under 5 5 upwds			2				8									1	3	4			3	12		2	16	43
TOTALS ..	495	76	45	22	23	259	70	Under 5 5 upwds			2				9									6	8	14			5	31		6	49	121

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring outside the district among persons belonging thereto	189	5	9	2	6	101	66	Under 5			3														1	1		1	8	14
								5 upwds					3									1			38	37	18	2	76	175
Deaths occurring within the district among persons not belonging thereto	247	24	15	13	14	161	20	Under 5			1									1	3	5			3	12		1	13	39
								5 upwds					8							1		1	2		16	17	28	16	119	208

TABLE IXa.

Table of DEATHS during the Year 1900, in the STRAND SUB-DISTRICT, classified according to DISEASES, AGES and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate localities. (Columns for Population and Births are in Form B.) (a)	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							Mortality from subjoined causes, distinguishing deaths of Children under Five Years of Age.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	At all ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	(i)	1 Smallpox.	2 Scarlatina.	3 Diphtheria.	4 Membranous Croup.	FEVERS.						10 Cholera.	11 Erysipelas.	12 Measles.	13 Whooping Cough.	14 Diarrhoea and Dysentery.	15 Rheumatic Fever.	16 Ague.	17 Phthisis.	18 Bronchitis, Pneumonia, and Pleurisy.	19 Heart Disease.	20 Injuries.	21 All other Diseases.	22 TOTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE IXb.

Table of DEATHS during the Year 1900, in the ST. ANNE'S SUB-DISTRICT, classified according to DISEASES, AGES and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics: Public Institutions being shown as separate localities. (Columns for Population and Births are in Form B.)	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							Mortality from subjoined causes, distinguishing deaths of children under Five Years of Age.																							
	At All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	(i)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
																															FEVERS.
(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Smallpox.	Scarlatina.	Diphtheria.	Membranous Group.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	TOTAL.		
ST. ANNE'S SUB-DISTRICT ..	122	34	19	4	4	39	22	Under 5												5	1	6			1	16		2	22	53	
								5 upwds					1							1			1		15	21	6	1	23	69	
HOSPITAL FOR WOMEN, SOHO SQUARE ..	17	1			1	15		Under 5																					1	1	
								5 upwds																					16	16	
HOSPITAL FOR DISEASES OF THE HEART, SOHO SQUARE ..	4					3	1	Under 5																		1	2		1	4	
								5 upwds																							
LOCK HOSPITAL ..	1					1		Under 5																						1	1
								5 upwds																						1	1
TOTALS ..	144	35	19	4	5	58	23	Under 5						1						5	1	6			1	16		2	23	54	
								5 upwds						1						1			1		15	22	8	1	41	90	

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring outside the district among persons belonging thereto	70	4	5	2	5	38	16	Under 5	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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TABLE X.

Table of POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1900 (52 weeks) in the Metropolitan Sanitary District of STRAND, classified according to DISEASES, AGES, and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate localities.	POPULATION AT ALL AGES.			Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.											Number of such cases removed from their homes in the several Localities for treatment in Isolation Hospital.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Census 1896.	Estimated to middle of 1899.	(b)			(c)	(d)	(e)	1	2	3	4	5	6	7	8	9	10	11	TOTALS.	1	2	3	4	5	6	7	8	9	10	11	TOTALS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
									Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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* 8 of these Births belong to the Parish of St. Martin-in-the-Fields.

† 24 Births belonging to this District took place in the British Lying-in Hospital, Endell Street.

