

## **Annual report on the sanitary condition of the District for the year 1894.**

### **Contributors**

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THE  
BOARD OF WORKS FOR THE ST. OLAVE DISTRICT.

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ANNUAL REPORT

ON THE  
**Sanitary Condition of the District,**

FOR THE YEAR 1894,

BY  
**WILLIAM ARTHUR BOND,**

*M.A., M.D., D.P.H. (Camb.), M.R.C.P. (Lond.)*

MEDICAL OFFICER OF HEALTH.

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LONDON:

PRINTED BY C. TALBOT, 101 TOOLEY STREET, SOUTHWARK, S.E.





BOARD OF WORKS FOR THE ST. OLAVE DISTRICT, SOUTHWARK.

VINE STREET, TOOLEY STREET, S. E.

HEALTH DEPARTMENT.

March 26<sup>th</sup> 1895

Dear Sir,

I enclose copy of  
Annual Report as desired.

Yours faithfully,

W. A. Bond

M.O.H.

The Librarian

British Medical Association

429 Strand W.C.



THE  
BOARD OF WORKS FOR THE ST. OLAVE DISTRICT.

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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH,

*Being the Report for the Year 1894.*

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To the Members of the Board of Works for the St. Olave District,  
Southwark.

GENTLEMEN,

I have the honour to place before you my first Annual Report, being the Report for the year 1894, in accordance with the regulations of the Local Government Board.

### VITAL STATISTICS.

I have based the calculations in the following Reports upon the population of all ages, as usually estimated to the middle of the year 1894. This is 12,974. The number of inhabited houses in April, 1891—according to the census return—was 2,083, an increase of 36 per cent. in ten years ; and the average number of persons to a house was 6·1.

### BIRTHS.

The number of births registered for the whole District (which includes the three Sub-Districts of St. Olave, St. John and St. Thomas), for the 52 weeks ending Dec. 29th, 1894, was 431. Of this total, 215 were male children and 216 female children. This gives a birth-rate of 33·2 per thousand



of the population. The birth-rates for the four preceding years were 32, 36·2, 37·8 and 30·3. The birth-rate for London for the year was 30·1.

#### DEATHS.

The deaths registered as having actually occurred in the District were 788 ; 564 of these took place at Guy's Hospital, this number including only 17 deaths of parishioners, 547 belonging to other districts. At the Parish-street Workhouse there were 34 deaths, only 5 of these belonging to the District. Fourteen bodies were found in the Thames, only one of which was that of a parishioner.

The deaths of 53 parishioners were returned from outlying public institutions.

After making the necessary corrections, it is found that 252 deaths of parishioners took place in the 52 weeks ending December 29th, 1894.

The annual death-rate was, therefore, 19·4 per thousand.

The death-rate for London for the year was 17·7.

The corrected death-rates of St. Olave's, and of London for the past five years are as under—

Year.	St. Olave's Death-Rate per 1,000.	London Death-Rate per 1,000.
1890	20·2	21·5
1891	25·2	21·4
1892	23·7	20·4
1893	21·2	21·3
1894	19·4	17·7

The detailed causes of death will be found on turning to the various tables accompanying this Report.

*Infantile Mortality.*—The deaths of young children always bear a high ratio to total deaths. There were 106 deaths of children under 5 years old, that is 42·1 of per cent. of the total deaths. The equivalent percentage for London was 40·7.

56 children died under one year old; that is, 130 per 1,000 births registered. The corresponding rate for London was 143 per thousand.

#### ZYMOTIC DISEASES.

The death-rate in St. Olave's from "the seven principal Zymotic diseases," viz., Small-Pox, Scarlatina, Diphtheria, Enteric Fever, Measles, Whooping-Cough and Diarrhœa, was 2·7 per thousand persons living, the same rate as for London as a whole.

*Small-Pox.*—There was no case of Small-Pox notified, and no death. In London, there were 1391 notifications, and 93 deaths.

*Scarlet Fever or Scarlatina.*—There were 33 cases notified, and two deaths. Two of the children attacked with Scarlet Fever also contracted Measles about the same time, and died from the lung complications of the latter; 31 of the 33 cases were treated in hospital. In London, the notifications were 18,956 in number, and the deaths from the complications of this disease were 964.

*Diphtheria.*—28 cases were notified, and all were removed to hospital, except some of the Guy's Hospital cases, which were treated there. There were 4 deaths. In London there were 11,120 cases notified, and 2,673 deaths from this disease, being 952 less than in 1893.

*Enteric Fever*—Six cases were notified, only two belonging to the District. The others were nurses who had been



nursing Typhoid patients. There was no death from this disease. In London there were 3,541 notifications of this disease, and 635 deaths.

*Measles*.—This disease is not notified. There were as many as 19 deaths from this disease. This is generally regarded as a very harmless disease by the lower classes, and a doctor often is not in attendance till the patient is moribund. In London there were 3,292 deaths from this disease, which caused the greatest mortality of all the Zymotic diseases, being 23 per cent. more than that of Diphtheria, which was the next highest.

*Whooping-Cough* also is not notified. In this District there were seven deaths from this cause. In London there were 2,094 deaths from this disease.

*Diarrhœa*.—This also is not generally notified. Many deaths registered as "Gastro-Enteritis" would probably by some medical practitioners be certified as Diarrhœa, and *vice versâ*. In this District there were three deaths from Diarrhœa, and seven from Gastro-Enteritis. The deaths in London from Diarrhœa were 1,780.

The total number of notifications of Infectious Diseases this year have been only 83, excluding second notifications of the same cases. They were distributed among the following diseases:—

Scarlet Fever ...	...	...	33
Diphtheria ...	...	...	28
Typhoid Fever ...	...	...	6
Erysipelas ...	...	..	16
			<hr/>
			83
			<hr/>

Excluding the cases of Erysipelas, for which no provision is made in the Hospitals of the Metropolitan Asylums Board, *all but two* of the cases were treated at these Hospitals, or at Guy's. This fact, and the little difficulty that is now experienced in getting patients removed to isolation hospitals, speak highly of the tact and energy of your Sanitary Inspector, and of the excellent management of the Metropolitan Asylums Board, and of the increasing appreciation of these Hospitals by all classes.

Most of the cases of infectious disease belonging to outlying Districts that are first taken to Guy's Hospital, and afterwards removed to the Fever Hospitals, or treated at Guy's Hospital, are now notified to the Medical Officer of Health of the districts in which the patients reside.

Only three of the cases of Scarlet Fever notified from Guy's Hospital belonged to other districts. Seven of the cases of Diphtheria, and two of the cases of Typhoid, were among the nursing staff of Guy's Hospital; also one case of Diphtheria and two of Typhoid, were nurses of Guy's Nursing Institution, and the diseases were contracted in their duties out of the District.

The great value of compulsory notification, prompt removal to isolation hospitals, cleansing of infected rooms, and the efficient disinfection of bedding and other infected articles, has been very markedly shewn this year. Last year, there were as many as 219 notifications and, as just mentioned, this year there were only 83, a reduction of more than 62 per cent. This District this year has had rather less than two-thirds the amount of notifiable disease than the rest of London for an equivalent population.



I congratulate the Board on the acquisition of its own steam disinfecter, erected at Guy's Hospital, which was in good working order on March 30th.

The measures taken in dealing with the cases arising in the District outside Guy's Hospital were as follows :—

Number of rooms fumigated	...	...	65
Number of rooms stripped and cleansed by Owner or Occupier	...	...	57
Number of notices served, calling the attention of Occupiers of houses to the provisions of Sections 62 and 65 P. H. (London) Act, 1891	...	...	43
Number of notices requiring disinfection			24
Number of articles of bedding, cloth- ing, &c., disinfected since March 30th, when the new disinfecter was first used	...	...	1010
Bedding given up and destroyed	...		2
Number of persons using Shelter	...		72

The premises where infectious diseases occurred were all inspected and examined, and notices served when necessary.

The Shelter provided for temporary occupation by families during the disinfection of their rooms, has been used 17 times during the year, by 72 persons in all, 65 of whom were also provided with sleeping accommodation.

There were two deaths at Guy's Hospital from Anthrax, or Malignant Pustule, contracted in this District from handling hides infected with the disease. Some suspicious hides were found by Dr WIGHTWICK, at a Wharf at which one of the men was employed, and 210 China goatskins were removed and destroyed.



## DISEASES OF THE RESPIRATORY ORGANS.

In this District there were 33 deaths caused by Phthisis, or 2.5 per 1 000 inhabitants; 33 by Pneumonia, and 15 by Bronchitis.

## INQUESTS

were held in 123 cases in this District; only 18, however, were on the bodies of parishioners.

## MORTUARY.

33 bodies were removed to the Mortuary in Weaver's-lane. I may be permitted to remind the Board that the accommodation at the Mortuary is inadequate, and that there is no satisfactory provision for the holding of inquests. These matters are now being considered by your Works and Finance Committee, and several reports thereon have been furnished by your Surveyor and myself.

## TEMPERATURE.

The mean temperature of the year was 50°.2 F., being 1°.2 above the average of the preceding ten years.

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### BAKEHOUSES.

The Bakehouses of the District have been inspected by Dr. WIGHTWICK and myself. The worst of them has since my inspection been closed. In most of them the Board's regulations have been complied with. Notices were served on the Occupiers of those in which sanitary defects were found.

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### HOUSING OF THE WORKING CLASSES ACT.

Five houses in Queen's-court, and four in Gibbon's-rents, were found to be in such an insanitary state as to justify proceedings under this Act. Closing orders were in each case obtained, and duly carried out.

At Queen's-court the houses have been demolished; at Gibbon's-rents the houses are closed, but not yet demolished.

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### SANITARY WORK.

#### NUISANCES.

In Table V. (Sanitary) at the end of the report, prepared by your Sanitary Inspector, Mr. ASHDOWN, will be found a detailed list of nuisances and other insanitary conditions reported upon and work done during the year. This has all been satisfactorily carried out under the supervision of your careful and conscientious Inspector, and drains thoroughly tested by the water test before being covered in.



## COLLECTION OF HOUSE REFUSE.

This important service continues to be carried out regularly and efficiently, as not a single complaint of neglect or inattention has been made here during the year. On the contrary, 121 visits have been made to houses where the dustmen have reported failure to obtain the refuse at the appointed times; and in 14 cases where the Occupiers have refused the dustmen's request to permit the removals, notices have been served, but no further proceedings were necessary.

25 new sanitary dust-pails have been provided. These much facilitate the work of the dustmen.

## FOODS UNFIT FOR HUMAN CONSUMPTION.

The undermentioned were given up by the respective Owners, and destroyed, the same being found unfit for the food of man:—

	Tons.	cwts.	qrs.
Plums (3 lots) ... ..	6	18	3
Oranges ... ..	2	10	0
Pears (2 lots) ... ..	3	16	3
Potatoes ... ..	2	10	0
Onions ... ..		4	2
Salmon ... ..	1	0	0
Eggs ... ..		19	2
Tinned Meat ... ..		1	1
Green Peas (from Australia), 8 cases— <i>about</i>		8	0
Asparagus (        „        ), 1 case        „		1	0
	<hr/>	<hr/>	<hr/>
	18	9	3

Only one seizure of food has been made where a prosecution followed. As the case is one of special interest to a

district of this description, where large quantities of food of almost every description are landed, and the Magistrate's decision renders the Act to a great extent inoperative, I venture to briefly repeat the facts—

About 3 tons 3 cwts. of plums—all of which were unfit for the food of man, and were subsequently condemned and ordered to be destroyed—were delivered from a Wharf in the District to a van standing in the public street, with a view to their removal into another district. The seizure took place at this point. At the hearing of the case, the owner's representative admitted that he had seen samples of the goods previous to the removal of the plums from the Wharf. He, however, stated, and produced witnesses to prove, that the goods were only being removed for examination, and not for sale.

#### SALE OF FOOD AND DRUGS AND MARGARINE ACTS.

A summary of the samples that have been taken and submitted to the Public Analyst, and the proceedings taken, will be found in Table VI.

I am, GENTLEMEN,

Your obedient Servant,

W. A. BOND.

(A) TABLE I.—In accordance with the Requirements of the Local Government Board.

TABLE OF DEATHS during the year 1894 in the St. Olave, Southwark (London, S.E.) 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.	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.		
Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	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.											
(a).	(b).	(c).	(d).	(e).	(f).	(g).	(h).	(i).																								
St. Olave .....	176	53	38	7	7	46	25	Under 5 5 upwds.	...	...	...	...	...	...	...	...	...	...	...	13	4	4	...	...	1	28	1	1	39	91		
Guy's Hospital (Parishioners) .....	17	1	1	...	1	13	1	Under 5 5 upwds.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	16	14	1	29	85		
Workhouse (Parishioners) .....	5	1	1	...	...	1	2	Under 5 5 upwds.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	2	
Guy's Hospital (non-parishioners) .....	547	54	59	56	62	287	29	Under 5 5 upwds.	...	23	...	...	...	18	...	...	...	...	...	4	1	8	1	...	4	19	1	11	41	113		
Workhouse (non-parishioners) .....	29	9	5	...	...	4	11	Under 5 5 upwds.	...	3	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	43	28	55	55	234	434	
Found Drowned (13 non-parishioners) .....	14	...	...	...	6	8	...	Under 5 5 upwds.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	1	...	...	...	12	14
TOTALS .....	788	118	104	63	76	299	68	Under 5 5 upwds.	...	...	23	...	...	18	...	...	...	...	...	17	7	13	1	...	5	48	2	12	94	222		
								5 upwds.	...	3	...	...	...	...	...	...	...	...	...	2	3	...	2	6	...	65	54	72	72	269	566	
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 .....	53	1	10	2	2	29	9	Under 5 5 upwds.	...	1	4	...	...	...	...	...	...	...	...	2	2	...	...	...	1	...	...	...	...	1	11	
Deaths occurring within the District among persons not belonging thereto .....	589	63	64	56	67	299	40	Under 5 5 upwds.	...	...	23	...	...	18	...	...	...	...	...	4	2	9	1	...	4	19	1	11	53	127		
								5 upwds.	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43	34	56	68	232	462		



(B)

TABLE II.—In accordance with the Requirements of the Local Government Board

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS coming to the knowledge of the Medical Officer of Health during the year 1894 in the St. Olave's, (Southwark, S.E.) District; classified according to Diseases, Ages, and Localities.

[illegible]

TABLE III.

## SUMMARY OF TABLE IV.

Deaths belonging to the St. Olave District in the year 1894.

CAUSES OF DEATH.	AGES.						TOTAL, at all Ages.
	Under 1 Year.	1 Year and under 5.	5, and under 15.	15, and under 25.	25, and under 65.	65, and upwards.	
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES.							
1 Miasmatic Diseases ...	8	20	5	...	2	1	36
2 Diarrhoeal ...	2	1	...	...	...	...	3
3 Malarial ...	...	...	...	...	...	...	...
4 Zoogenous ...	...	...	...	...	1	...	1
5 Venereal ...	2	...	...	...	...	...	2
6 Septic ...	1	...	...	...	...	2	3
II.—PARASITIC DISEASES ...	...	...	...	...	...	...	...
III.—DIETETIC DISEASES ...	...	...	...	...	2	...	2
IV.—CONSTITUTIONAL DISEASES ...	2	5	2	7	33	1	50
V.—DEVELOPMENTAL DISEASES ...	7	...	...	...	...	20	27
VI.—LOCAL DISEASES							
1 Diseases of Nervous System ...	5	2	2	...	7	2	18
2 Diseases of Organs of Special Sense ...	...	...	...	...	...	...	...
3 Diseases of Circulatory System ...	...	...	...	1	13	4	18
4 Diseases of Respiratory System ...	11	19	...	...	15	5	50
5 Diseases of Digestive System ...	4	2	...	1	4	1	12
6 Diseases of Lymphatic System ...	...	...	...	...	...	...	...
7 Diseases of Gland-like Organs of Uncertain Use ...	...	...	...	...	...	...	...
8 Diseases of Urinary System ...	...	...	...	1	3	1	5
9 Diseases of Reproductive System ...	...	...	...	...	...	...	...
(a) Diseases of Organs of Generation ...	...	...	...	...	...	...	...
(b) Diseases of Parturition ...	...	...	...	...	1	...	1
10 Diseases of Bones and Joints ...	...	...	...	...	...	...	...
11 Diseases of Integumentary System ...	1	...	...	...	...	...	1
VII.—VIOLENCE.							
1 Accident or Negligence ...	2	1	...	1	7	...	11
2 Homicide ...	...	...	...	...	...	...	...
3 Suicide ...	...	...	...	...	...	...	...
4 Execution ...	...	...	...	...	...	...	...
VIII.—ILL-DEFINED AND NOT SPECIFIED CAUSES ...	11	...	...	...	1	...	12
TOTAL ...	56	50	9	11	89	37	252

TABLE IV.

Deaths belonging to the St. Olave District in the year ending Dec. 29, 1894.

CAUSES OF DEATH.	AGES.						Total at all ages.
	Under 1 Year.	1 Year and under 5.	5 and under 15.	15, and under 25.	25, and under 65.	65, and upwards.	
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES	13	21	5	...	3	3	45
II.—PARASITIC DISEASES	...	...	...	...	...	...	...
III.—DIETETIC DISEASES	...	...	...	...	2	...	2
IV.—CONSTITUTIONAL DISEASES	2	5	2	7	33	1	50
V.—DEVELOPMENTAL DISEASES	7	...	...	...	...	20	27
VI.—LOCAL DISEASES	21	23	2	3	43	13	105
VII.—DEATHS FROM VIOLENCE	2	1	...	1	7	...	11
VIII.—DEATHS FROM ILL-DEFINED and NOT SPECIFIED CAUSES	11	...	...	...	1	...	12
Totals	56	50	9	11	89	37	252
I.—SPECIFIC, FEBRILE OR ZYMOTIC DISEASES.							
1.—MIASMATIC DISEASES.							
Smallpox { Vaccinated	...	...	...	...	...	...	...
Unvaccinated	...	...	...	...	...	...	...
No Statement...	...	...	...	...	...	...	...
Measles	4	11	4	...	...	...	19
Scarlet Fever	...	1	1	...	...	...	2
Typhus	...	...	...	...	...	...	...
Whooping Cough	2	5	...	...	...	...	7
Diphtheria	1	3	...	...	...	...	4
Simple Continued and Ill-defined Fever	...	...	...	...	...	...	...
Enteric or Typhoid Fever	...	...	...	...	...	...	...
Other Miasmatic Diseases	1	...	...	...	2	1	4
2.—DIARRHOEAL DISEASES.							
Simple Cholera	...	...	...	...	...	...	...
Diarrhoea, Dysentery	2	1	...	...	...	...	3
3.—MALARIAL DISEASES.							
Remittent Fever	...	...	...	...	...	...	...
Ague	...	...	...	...	...	...	...
4.—ZOOGENOUS DISEASES.							
Cowpox and effects of Vaccination	...	...	...	...	...	...	...
Other Diseases (e.g., Hydrophobia, Glanders, Splenic Fever)	...	...	...	...	1	...	1
5.—VENEREAL DISEASES.							
Syphilis	2	...	...	...	...	...	2
Gonorrhoea, Stricture of Urethra	...	...	...	...	...	...	...
6.—SEPTIC DISEASES.							
Erysipelas	...	...	...	...	...	2	2
Pyæmia, Septicæmia	1	...	...	...	...	...	1
Puerperal Fever	...	...	...	...	...	...	...



TABLE IV.—*continued.*

CAUSES OF DEATH.	AGES.					
	Under 1 Year.	1 Year and under 5.	5, and under 15.	15, and under 25.	25, and under 65.	65, and upwards. Total at all Ages.
<b>II.—PARASITIC DISEASES.</b>						
Thrush, and other Vegetable Parasitic Diseases, Worms, Hydatids, and other Animal Parasitic Diseases	...	...	...	...	...	...
<b>III.—DIETETIC DISEASES.</b>						
Want of Breast Milk, Starvation	...	...	...	...	...	...
Scurvy	...	...	...	...	...	...
Chronic Alcoholism	...	...	...	1	...	1
Delirium Tremens	...	...	...	1	...	1
<b>IV.—CONSTITUTIONAL DISEASES.</b>						
Rheumatic Fever, Rheumatism of the Heart	...	...	...	...	...	...
Rheumatism	...	...	...	...	...	...
Gout	...	...	...	...	...	...
Rickets	...	...	...	...	...	...
Cancer, Malignant Disease	...	...	...	9	1	10
Tabes Mesenterica	1	...	...	...	...	1
Tubercular Meningitis, Hydrocephalus	...	3	1	...	...	4
Phthisis	...	2	1	6	24	33
Other Forms of Tuberculosis, Scrofula	...	...	...	...	...	...
Purpura, Hæmorrhagic Diathesis	1	...	...	1	...	2
Anæmia, Chlorosis, Leucocythæmia	...	...	...	...	...	...
Glycosuria, Diabetes Mellitus	...	...	...	...	...	...
Other Constitutional Diseases	...	...	...	...	...	...
<b>V.—DEVELOPMENTAL DISEASES.</b>						
Premature Birth & Inanition	6	...	...	...	...	6
Atelectasis	...	...	...	...	...	...
Congenital Malformations	1	...	...	...	...	1
Old Age	...	...	...	...	20	20
<b>VI.—LOCAL DISEASES.</b>						
<b>1.—DISEASES OF NERVOUS SYSTEM.</b>						
Inflammation of Brain or Membranes	...	...	1	...	...	1
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis	...	...	1	4	2	7
Insanity, General Paralysis of the Insane	...	...	...	1	...	1
Epilepsy	...	...	...	1	...	1
Convulsions	5	1	...	...	...	6
Laryngismus Stridulus (Spasm of Glottis)	...	...	...	...	...	...
Disease of Spinal Cord, Paraplegia, Paralysis Agitans	...	1	...	1	...	2
Other Diseases of the Nervous System	...	...	...	...	...	...
<b>2.—DISEASES OF ORGANS OF SPECIAL SENSE (<i>e.g.</i>, of Ear, Eye, Nose)</b>						
...	...	...	...	...	...	...
<b>3.—DISEASES OF CIRCULATORY SYSTEM.</b>						
Pericarditis	...	...	...	...	...	...
Acute Endocarditis	...	...	...	...	...	...
Valvular Diseases of Heart	...	...	...	1	9	14
Other Diseases of Heart	...	...	...	...	2	2
Aneurism	...	...	...	...	2	2
Embolism, Thrombosis	...	...	...	...	...	...
Other Diseases of Blood Vessels	...	...	...	...	...	...

TABLE IV.—*continued.*

CAUSES OF DEATH.	AGES.						Total at all Ages.
	Under 1 Year.	1 Year and under 5.	5, and under 15.	15, and under 25.	25, and under 65.	65, and upwards.	
4.—DISEASES OF RESPIRATORY SYSTEM.							
Laryngitis .....	...	1	...	...	...	...	1
Croup .....	...	...	...	...	...	...	...
Emphysema, Asthma .....	...	...	...	...	...	...	...
Bronchitis .....	2	2	...	...	7	4	15
Pneumonia .....	9	16	...	...	7	1	33
Pleurisy .....	...	...	...	...	...	...	...
Other Diseases of Respiratory System .....	...	...	...	...	1	...	1
5.—DISEASES OF DIGESTIVE SYSTEM.							
Dentition .....	...	...	...	...	...	...	...
Sore Throat, Quinsey .....	...	...	...	...	...	...	...
Diseases of Stomach .....	...	...	...	1	1	1	3
Enteritis .....	4	2	...	...	1	...	7
Obstructive Diseases of Intestine .....	...	...	...	...	...	...	...
Peritonitis .....	...	...	...	...	...	...	...
Ascites .....	...	...	...	...	...	...	...
Cirrhosis of Liver .....	...	...	...	...	2	...	2
Jaundice and other Diseases of Liver .....	...	...	...	...	...	...	...
Other Diseases of Digestive System .....	...	...	...	...	...	...	...
6.—DISEASES OF LYMPHATIC SYSTEM. ( <i>e.g.</i> , of Lymphatics and of Spleen) .....							
7.—DISEASES OF GLANDLIKE ORGANS OF UNCERTAIN USE. ( <i>e.g.</i> , Bronchocele, Addison's Disease) .....							
8.—DISEASES OF URINARY SYSTEM.							
Nephritis .....	...	...	...	...	...	...	...
Bright's Disease, Albuminuria .....	...	...	...	...	1	1	2
Disease of Bladder or of Prostate .....	...	...	...	...	...	...	...
Other Diseases of the Urinary System .....	...	...	...	1	2	...	3
9.—DISEASES OF REPRODUCTIVE SYSTEM. A. <i>Of Organs of Generation.</i>							
Male Organs .....	...	...	...	...	...	...	...
Female Organs .....	...	...	...	...	...	...	...
B. <i>Of Parturition.</i>							
Abortion, Miscarriage .....	...	...	...	...	...	...	...
Puerperal Convulsions .....	...	...	...	...	...	...	...
Placenta prævia, Flooding .....	...	...	...	...	...	...	...
Other Accidents of Child Birth .....	...	...	...	...	1	...	1
10.—DISEASES OF BONES AND JOINTS.							
Caries, Necrosis .....	...	...	...	...	...	...	...
Arthritis, Ostitis, Periostitis .....	...	...	...	...	...	...	...
Other Diseases of Bones and Joints .....	...	...	...	...	...	...	...



TABLE IV.—*continued.*

CAUSES OF DEATH.	AGES.						Total at all Ages.
	Under 1 Year.	1 Year and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	
11.—DISEASES OF INTEGUMENTARY SYSTEM.							
Carbuncle, Phlegmon .....	...	...	...	...	...	...	...
Other Diseases of Integumentary System .....	1	...	...	...	...	...	1
VII.—DEATHS FROM VIOLENCE.							
1.—ACCIDENT OR NEGLIGENCE.							
Fractures and Contusions .....	...	1	...	...	6	...	7
Gunshot Wounds .....	...	...	...	...	...	...	...
Cut, Stab .....	...	...	...	...	...	...	...
Burn, Scald .....	...	...	...	...	...	...	...
Poison .....	...	...	...	...	1	...	1
Drowning .....	...	...	...	1	...	...	1
Suffocation .....	2	...	...	...	...	...	2
Otherwise .....	...	...	...	...	...	...	...
2.—HOMICIDE.							
Manslaughter .....	...	...	...	...	...	...	...
Murder .....	...	...	...	...	...	...	...
3.—SUICIDE.							
Gunshot Wounds .....	...	...	...	...	...	...	...
Cut, Stab .....	...	...	...	...	...	...	...
Poison .....	...	...	...	...	...	...	...
Drowning .....	...	...	...	...	...	...	...
Hanging .....	...	...	...	...	...	...	...
Otherwise .....	...	...	...	...	...	...	...
4.—EXECUTION.							
Hanging .....	...	...	...	...	...	...	...
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES.							
Dropsy .....	...	...	...	...	...	...	...
Debility, Atrophy, Inanition .....	11	...	...	...	...	...	11
Mortification .....	...	...	...	...	...	...	...
Tumour .....	...	...	...	...	...	...	...
Abscess .....	...	...	...	...	...	...	...
Hæmorrhage .....	...	...	...	...	1	...	1
Sudden Death (cause not ascertained) .....	...	...	...	...	...	...	...
Causes not Specified or Ill-defined .....	...	...	...	...	...	...	...
TOTALS .....	56	50	9	11	89	37	252

TABLE IV. (b).

*Births Registered in the Year ending December 29th, 1894.***Population at the Census, 1891 . . . 12,723.**

	BIRTHS.		
	Male.	Female.	Total.
First Quarter     ...     ...     ...	52	60	112
Second Quarter     ...     ...     ...	44	45	89
Third Quarter     ...     ...     ...	58	52	110
Fourth Quarter     ...     ...     ...	61	59	120
TOTAL     ...     ...     ...	215	216	431

## SANITARY.

TABLE V.

Summary of Nuisances and other matters reported on, and work done during the year ending 31st December, 1894.

Number of Inspections or Re-Inspections made (but not including the numerous subsequent visits to works in progress, testing drains both new and old, &c.)	...	...	...	...	722
Number of Complaints entered in the complaint book	...	...	...	...	12

The above-mentioned nuisances were dealt with as follows :

Number of Intimations served	...	...	...	...	291
„ Statutory Notices served	...	...	...	...	107
„ Notices directing attention to Bye-laws	...	...	...	...	73
„ Reports to Board or Committees	...	...	...	...	31
Summons taken out—					
For non-compliance with Notices under the Act	...	...	...	...	2
„ „ Bye-laws	...	...	...	...	7

The prosecutions were in each case upheld, and the fines and costs paid.

## Sanitary defects found and dealt with:

WATER SUPPLY—					
Number of Houses found without water	...	...	...	...	7
Number of cases in which the drinking water and the supply to the w.c. were the same	...	...	...	...	18
Cisterns found dirty	...	...	...	...	22
Cisterns imperfectly covered	...	...	...	...	20
Overflow pipes connected to soil pipes or drains	...	...	...	...	2
Defective water fittings	...	...	...	...	24



TABLE V.—*continued.*

WATER CLOSETS—					
New closets provided at workshops or factories	...	...	...	...	2
Closets re-constructed	...	...	...	...	26
Closets without water supplies	...	...	...	...	26
Closets with defective water supplies	...	...	...	...	155
Closets defective, stopped or dirty	...	...	...	...	99
Closets with insufficient light or ventilation	...	...	...	...	16
Defective soil pipes	...	...	...	...	8
Urinals defective, foul, or without water supplies	...	...	...	...	12
DRAINS—					
Premises (including one School) provided with new drains	..				137
Drains stopped	...	...	...	...	42
Drains defective	...	...	...	...	150
Drains untrapped	...	...	...	...	48
Drains with defective traps	...	...	...	...	45
Waste pipes from sinks, &c., connected to drains	...				31
Stack pipes connected to drains	...	...	...	...	41
DUST BINS—					
New sanitary bins provided	...	...	...	...	25
Dust Bins found defective	...	...	...	...	13
„ with defective covers	...	...	...	...	8
YARDS—					
Yards repaved	...	...	...	...	21
Paving repaired	...	...	...	...	32
Yards and walls of same foul	...	...	...	...	5
HOUSES—					
Requiring general repairs	...	...	...	...	10
Requiring ventilation under ground floor	...	...	...	...	49
Houses with damp walls	...	...	...	...	32
Roofs and roof gutters defective	...	...	...	...	29
Eaves, gutters and down pipes defective	...	...	...	...	40
Rooms dirty (including 3 School-rooms)	...	...	...	...	131
Rooms overcrowded	...	...	...	...	26
Rooms requiring better ventilation (including 3 School-rooms)	...	...	...	...	24
Rooms illegally let as dwellings	...	...	...	...	6
Passages and staircases dirty	...	...	...	...	21

TABLE V.—*continued.*

BAKEHOUSES (Only 9 in the District)—					
Or the utensils used therein dirty	...	...	...	...	3
With accumulations under troughs	...	...	...	...	3
Insufficient ventilation (Premises now demolished)	...	...	...	...	1
Supplied with water from cistern supplying w.c....	...	...	...	...	1
ANIMALS—					
So kept as to be a nuisance	...	...	...	...	4
Paving of Stables defective	...	...	...	...	2
Manure receptacles provided (according to Bye-laws)	...	...	...	...	11
ACCUMULATIONS OF REFUSE					27
SMOKE NUISANCES					1
UNCLASSIFIED NUISANCES					30

During the year five houses—30 to 34, Melior-street—were closed by the Owners after the receipt of Notices, but without Magisterial proceedings.



TABLE VI.

## SALE OF FOOD &amp; DRUGS &amp; MARGARINE ACTS.

During the year the following Samples have been taken and submitted to the Public Analyst:—

Articles purchased for Analysis.	Result of Analysis.	Observations.
Milk, (44 Samples)	Of which 23 were genuine	
Milk	4 samples 4 % of water beyond the normal ...	No proceedings.
"	2 " 3 % " " " ...	" "
"	1 " deficient in butter fat 14 % ...	" "
"	1 " " " 20 % ...	" "
"	2 " Milk of low quality, and a trace of boracic acid present ...	" "
"	2 " Milk of low quality ...	" "
"	2 " a trace of boracic acid present ...	" "
"	1 " added water 20 % ...	Vendor notified at time of purchase.
"	1 " added water 18 % ...	Paid the cost, 12/6.
"	1 " " 14 %, and a trace of boracic acid present ...	Fined 40/0, and costs 12/6.
"	1 " deficient in butter fats, 83 % ...	Fined £10, and costs 12/6.
"	1 " " " 50 % ...	Fined £5, and costs 12/6.
"	1 " " " 80 % ...	Vendor notified at time of purchase.
"	1 " " " 90 % ...	Taken while in transit, but being forwarded as skim milk.
Margarine	2 Summonses for exposing without labels, and 2 for selling without a marked wrapper ...	Fined two 40/0, costs 14/6 and two 20/0, costs 12/6.





