

## **[Report of the Medical Officer of Health for Whitechapel].**

### **Contributors**

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THE  
 ANNUAL REPORT  
 ON THE  
 SANITARY CONDITION  
 &c., &c., OF THE  
 WHITECHAPEL DISTRICT,  
 (WITH VITAL STATISTICS),

FOR THE YEAR 1889,

BY

JOSEPH LOANE, M. R. C. P. Ed.,

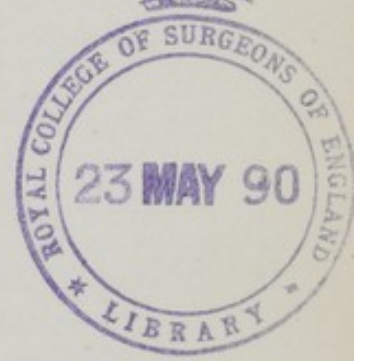
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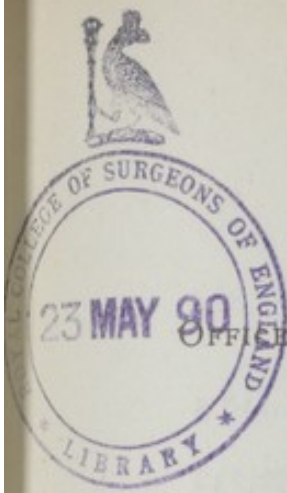
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THE  
ANNUAL REPORT  
OF THE  
SANITARY COMMISSION  
FOR THE YEAR 1888  
WHITECHAPEL DISTRICT  
(WITH VITAL STATISTICS)

JOSEPH LOANE, M.D. F.R.S. ED.  
MEDICAL OFFICER OF HEALTH  
LONDON: Printed by W. Clowes and Sons, 7, St. Dunstons Hill, E.C.



OFFICES OF THE WHITECHAPEL DISTRICT BOARD OF WORKS,  
 No. 15, GREAT ALIE STREET,  
 LONDON, E.,

February 27th, 1890.

GENTLEMEN,

Previously to inviting your attention to the various matters which are contained in the Report for the year 1889, which I have the honor to submit for your perusal, I propose to quote as usual some items which I have culled from the Report for the year 1888, issued from the Office of the Registrar-General. Such information may be interesting to any member who desires to supplement certain particulars which were included in my Report for that year.

### REGISTRATION LONDON.

**AREA.** The Area of Registration London is 77,410 acres, or 121 square miles, including 2718 acres of tidal water. The length of streets and roads is more than 1600 miles.

**ELEVATION.** The population of London resides at a mean elevation of 39 feet above Trinity high water mark.

**HOUSES.** At the Census in 1881 there were within this area 486,056 inhabited houses, containing an average of 7·9 persons to a house.

**DENSITY (1888).** 142 persons to a hectare; 57·3 persons to an acre; 36,700 to a square mile. No account is here taken of tidal water.

Annual Rate of Increase of Population	} 1861-71.....1·50
per cent.... ..	

### 1888.

Population (estimated to the middle of the year)	{ Males .....2,017,169	} Persons...4,282,921
	{ Females 2,265,752	
Marriages	... ..	34,617
Annual Rate of persons married per 1000 of the population	...	16·1
Births	{ Males.....66,629	} Persons...131,080
	{ Females ...64,451	
Annual Rate of Births per 1000 of the population	...	30·7

Deaths ... .. { Males.....40,337 } Persons ...78,848  
 { Females ...38,511 }

Annual Rate of Mortality per 1000 { Males.....20.1 } Persons...18.5  
 { Females 17.1 }

Excess of Registered Births over Deaths ... .. 52,232

Estimated increase of Population ... .. 68,273

The year 1888, as has been the case for several immediately previous years, was a year of remarkably low rates.

The Marriages registered in London were in the proportion of 16.1 persons married to 1000 of the population. This is the lowest marriage rate as yet recorded.

The Births registered in London were in the proportion of 30.7 per 1000 inhabitants. This rate is the lowest since 1841, when it was 30.4

The Deaths registered in the year corresponded to an annual rate of 18.5 per 1000, which is far the lowest rate as yet recorded in London.

I have again to notice the remarkable accuracy shown by the statistical department at Somerset House, in the statement of births and deaths for the Whitechapel District. The former are within 1, and the latter within 16 of being correct. Probably the slight error has arisen from lack of accurate knowledge of our boundaries. There is no correct map of the Whitechapel District now in our possession, so to meet this want to a certain extent, I have prefaced the Appendix of the present Report by a detailed list of the Streets, &c., within your jurisdiction, arranged so that any house may be known readily, either to be or not to be, within that area.

Deaths belonging to the several Sanitary Areas of Registration London, registered in the 52 weeks of 1888.

Sanitary Areas.	Deaths.	Deaths under 1 year of age to 1000 Births registered.
Registration London ... ..	77,686	146
Shoreditch ... ..	2,719	156
Bethnal Green ... ..	2,958	156
St. George-in-the-East ... ..	1,283	195
Stepney ... ..	1,465	191
Mile End Old Town ... ..	2,100	136
Poplar ... ..	3,326	138
WHITECHAPEL ... ..	1,558	155

## REPORT FOR THE YEAR 1889.

UPON the principle hitherto adopted, and previously explained, I have calculated the population of the Whitechapel District to be 75,057. In 1881, the Census declared the District to contain 71,368 persons, distributed amongst the five Registration Sub-Districts in the following manner:—

Registration Sub-District.	Census year 1881.	Estimated for the year 1889.
Spitalfields ... ..	22,585	22,714
Mile End New Town...	15,473	22,487
Whitechapel Church ...	17,490	17,715
Goodman's Fields ...	9,713	6,430
Aldgate ... ..	6,102	5,711

Thus work out the figures. Whether each Sub-District has apportioned to it an approximately correct population, must be determined by the result of the next Census, but I believe that the total estimate may be considered to be fairly accurate. The method which is generally made use of to estimate a population in the middle of a given year, becomes valueless for that purpose when applied to the Whitechapel District, because during the intercensal period 1871-1881, the population decreased to the extent of more than 5000 persons, and I am of opinion that during the intercensal period 1881-1891, it will be found that probably an increase to an equal degree will have taken place.

The total births which were registered in the Whitechapel District during the 52 weeks of the year 1889, were 2633. Corrected for the non-resident births which took place in the Whitechapel Union Infirmary, the number is 2627, or an increase of 20 as compared with the previous year.

The total deaths which were registered during the year, amounted to 2155. Detailed particulars respecting these births and deaths are arranged in Tables A and B\* of the Appendix.

Correction requires to be made for the residents of other Districts, whose deaths were registered in the Whitechapel District, as well

as for those who died in public Institutions and elsewhere, outside the District, although they were strictly belonging to our population. In the former class there were 749, and in the latter, which includes the extra Metropolitan Asylums, 127 persons: *vide* Appendix, Tables C and D.\* Thus the corrected District Mortality for the year was 1533.

It may interest the curious in such matters, to learn that 37·5 per cent. of the total District deaths were registered in public Institutions; and 8·3 per cent. took place in public Institutions not within the District.

The deaths corresponded to an annual death-rate of 20·4 per 1000.

I have subjoined for a series of years the death-rate in the Whitechapel District:—

YEAR.	DEATH RATE PER 1000.
1866 ( <i>Cholera epidemic.</i> )	38·7
1871	27·7
1881	26·6
1883	24·1
1884	22·6
1885	22·2
1886	22·5
1887	21·8
1888	21·1
1889	20·4

To emphasise the lesson which is here taught, the eminent sanitarian, Sir Edwin Chadwick, has published some statements concerning the Whitechapel District. His Tables apply to the years 1838-40, and they exhibit a sad story of the ravages caused by Typhus and other forms of Fever, &c. Sir Edwin has preserved some reports which show that efforts were subsequently made by a voluntary Committee to amend the ill-condition which was known to exist in some parts of the District, and which at that time was thought to be productive of disease. In 1849, an Association was formed for the purpose of "promoting habits tending to the cleanliness, health and comfort, of the industrious classes in the parish of St. Mary, Whitechapel." Of this Association, the Rev. W. W. Champneys was President, and amongst the Committee occur the names of Messrs. Fillingham, French, Hawkins, Powell, Straw, &c. It was at once acknowledged

that the general mal-condition of the tenements and yards, conduced to the high death-rate, and as the conclusions arrived at by the Committee, sometimes even at the present time apply to certain places and persons in London, I am tempted to reproduce them for perusal: "The principal causes, tending to deteriorate the health and well-being of the industrious classes, which have been presented to the notice of your Committee, are as follows:—

- " 1. Insufficient supply of water.
- " 2. The existence of nuisances in and around the dwellings
  - " caused by—
  - " (a) The want of drainage.
  - " (b) The defective state of the pavement.
  - " (c) The neglect of the Scavengers and Dustmen.
- " 3. The dilapidated condition of many of the houses in the
  - " poorer districts.
- " 4. The overcrowded state of the tenements, more especially
  - " the low lodging-houses.
- " 5. The want of light and ventilation.
- " 6. The filthy habits of the people."

Most of these causes now no longer exist, and to the resulting improvement must be credited the diminished death-rate to which I have directed attention. Much more can be done, nay, much more must be done, before sanitarians with their present knowledge, can truly assert that all the aid has been given to those dwellers in tenements, which they have a right to expect. To improved sanitation, as well as to the increased efforts of the people themselves, we must turn for further improvement.

The natural increase of births over deaths for the year 1889, is 1094.

During the last six years, the natural increase has been respectively as follows:—In 1889, 1094; in 1888, 1033; in 1887, 970; in 1886, 901; in 1885, 945; in 1884, 905.

PERCENTAGE OF DEATHS FOR EACH AGE, PERIOD DURING 1889:—

25.0	%	of the total deaths took place under the age of 1 year.
16.6	"	" " " between the ages of 1 and 5.
4.5	"	" " " " 5 and 20.
13.3	"	" " " " 20 and 40.
20.3	"	" " " " 40 and 60.
17.0	"	" " " " 60 and 80.
3.0	"	" " " over the age of 80.

Here the improvement to which I directed your attention last year continues to be maintained, and it is interesting to note that those persons who lived to the age of 80 and upwards numbered 47, and consisted of 16 Males and 31 Females.

Of these, 3 were nonogenarians, and in the Spitalfields Sub-District, a female resident died at the age of 100 years. These aged persons were registered as having resided in the following Sub-Districts:—

In the Spitalfields Sub-District	...	...	10
„ Mile End New Town Sub-District	...	...	2
„ Whitechapel District	...	...	6
„ Goodman's Fields	„	...	5
„ Aldgate	„	...	4
„ Whitechapel Union Infirmary	...	...	20

ANALYSIS OF THE CAUSE OF DEATH OF THE 1533 RESIDENTS  
WHO DIED DURING THE YEAR 1889.

It is necessary to explain that although certain modifications in nomenclature have been suggested, I have preferred to follow the plan by which the Registrar-General classifies the causes of death for the Metropolis, as well as for England and Wales. I do so, because it affords some indication of our position, enabling us to compare the deaths amongst 75,000 persons, with those which have occurred in the 4 millions comprising the Metropolitan population. Also by continuing during a series of years a uniform system, we are enabled to study our returns by the light of information derived from previous records. Tables M and N,\* as also the summary in Table I,† will exemplify the uses to which comparative figures may be applied. Although, generally there is correspondence as regards many of the particulars herein set out, I have again to invite your attention to the fact, that the percentage of Metropolitan deaths from zymotic diseases to total deaths, is greater than that for Whitechapel from the same class of diseases. For the Metropolis, including Whitechapel, it is equal to 14.46 per cent., and for Whitechapel, it equals only 12.98 per cent.

A detailed examination of the specific deaths from zymotic diseases shows, that no deaths were registered in the District during the year from Small-pox, and also that exactly the same number of deaths took place from Measles, as from Diarrhoea and

\* Pages 30 and 31.

† Page 29.

Dysentery. In the notification of Infectious Diseases' Act, which became Law in the autumn, Measles has not been included in the list of diseases required to be notified. It is of course competent for a District to add any disease to those enumerated, but it seems preferable that uniformity should be adopted throughout the Metropolitan area, rather than that our District should differ from its neighbours in such details. Scarlet-Fever proved fatal in only two instances, in one of which the death took place in an Asylums' Board Hospital. Whooping Cough was the registered cause of death in 12 cases, and Diphtheria was responsible for 33 deaths, about half taking place in various hospitals. 9 persons died from Enteric Fever, and a similar number from other zymotic diseases not here particularised. Typhus Fever is again absent as a cause of death.

Whilst discussing the deaths which have taken place from this preventible class of diseases, it is of importance to inquire, so far as we are able, into the number of cases of such diseases which occur in the District, with a view to learn something, not only of the quantity, but also of the quality of the morbid products which are at work in our midst. I can only give details concerning those cases which were admitted into Metropolitan Asylums' Board Hospitals during 10 months of the year, because so soon as the notification of Infectious Diseases' Act came into operation, the Managers ceased to furnish the weekly record which we thought very serviceable. The following Table has been prepared from those returns during the period mentioned:—

DISEASE.	Whence Admitted.	First Quarter.	Second Quarter.	Third Quarter.	Up to end of October	TOTAL.
Small Pox ... {	All London ..	3	0	0	0	3
	Whitechapel.	2	0	0	0	2
Scarlet Fever. {	All London...	609	632	1394	662	3297
	Whitechapel.	0	4	9	0	13
Enteric Fever {	All London...	47	30	110	48	235
	Whitechapel.	0	0	1	1	2
Typhus Fever {	All London...	3	0	3	0	6
	Whitechapel.	0	0	0	0	0
Diphtheria ... {	All London...	86	114	260	90	550
	Whitechapel.	4	5	8	9	26
Doubtful ..... {	All London...	2	3	1	0	6
	Whitechapel.	0	0	0	0	0
Other Diseases {	All London...	0	0	1	0	1
	Whitechapel.	0	0	0	0	0

The inclusion of Diphtheria in the diseases admitted into the Asylums' Hospitals, has been a most useful concession, and one which has proved helpful to the District. In my last Report, I gave details of an instructive case of Small-pox which was received into a two-roomed house in Dock Street from Lisbon. The patient was quickly transferred to the hospital ship; disinfection was thoroughly performed, and I re-vaccinated all those who were stated to be resident in the cottage. The climax of this case arrived, when, after the usual period of incubation for Small-pox had passed, I was requested to see a man who was a lodger in the house, but whose existence had not been declared, and who consequently had escaped re-vaccination. This proved to be a case of Small-pox. It was treated in the same way by removal, and subsequent disinfection of the place was again carried out. No further extension of the disease occurred.

I recite this episode, because I believe that a few such well marked cases must convince anyone who is open to conviction, to the advantages of vaccination and re-vaccination, and the danger which may result from their avoidance. In a cleverly written article by Mr. Jonathan Hutchinson, occurs, perhaps the most remarkable testimony to the protective power of vaccination from Small-pox. "During the epidemic in Sheffield, there were 830 "soldiers in barracks, all of whom had, in accordance with army "regulations, been re-vaccinated. These men were allowed to "visit their friends without restriction, and the barracks were in "the part of Sheffield just affected by the disease. Of the 830 "twelve only contracted small-pox, or 1.4 per cent. Of these one "died. Enquiry elicited the remarkable fact that in all the twelve "cases the re-vaccination had been unsuccessful. No single "soldier who had been successfully re-vaccinated contracted small-pox. There were 372 policemen in Sheffield during the epidemic. "All had been vaccinated in infancy. Ten of these contracted the "disease prior to February 1888, when all were re-vaccinated. "After the re-vaccination none were attacked.

"Of 290 men and boys employed in the Post Office, all of whom, "in accordance with regulations, had been re-vaccinated, not a "single one contracted small-pox in any form. It is obvious that "they would run special risks as regards exposure."

Table L\* may be referred to for these details. Some increased interest towards the general subject of vaccination is attracted by the labours of the Royal Commission at present sitting to take evidence *pro* and *con*. The members of the Commission whilst selected for their ability hold divers views—and therefore the outcome of their deliberation must prove to be very valuable. In the meantime it is important to notice the continued good and efficient work performed in the District, as evinced by the statement which I copy from Mr. Sherman's report.

To enable a correct statement to appear for these habitations, I have had a census prepared. It is found that the death-rate for the persons who occupy the class of dwellings under consideration is 19·7 per 1000. Although this is a satisfactory record, it would be much more so, were all the buildings equally well-constructed to fulfil sanitary requirements. Thus, the death-rate for the model dwellings, excluding Katherine, Lolesworth and Plough Street Buildings is less than 17 per 1000. Contrast this result with another calculation which includes only Albert, Alfred, Royal Mint Street and College buildings and the death-rate sinks to 15·8 per 1000. If this proves anything at all, it is clear that more attention should be given towards legislating in such a way, that excepting under direct sanitary control, no buildings should be erected which do not comply with every provision which science demands at the present time.

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\* Page 29.

## MODEL DWELLINGS.

Number of Apartments. Population and Number of Deaths.  
1889.

NAME AND SITUATION OF DWELLINGS.	Number of Apartments.	Number of Inhabitants.		Total Population.	Deaths.
		Adults.	Children.		
Albert Buildings ... ..	40	121	80	201	3
Alexandra Buildings ... ..	23	57	55	112	2
Alfred Buildings ... ..	26	59	34	93	3
Booth Street Buildings ... ..	154	354	383	737	18
Brunswick Buildings ... ..	280	654	414	1068	20
Buckle Street Buildings ... ..	30	56	43	99	2
College Buildings ... ..	85	127	56	183	3
George Yard Buildings ... ..	48	58	29	87	6
Howards Buildings ... ..	83	237	148	385	6
Katharine Buildings ... ..	263	443	275	718	23
Lolesworth Buildings ... ..	202	381	224	605	26
Metropolitan Buildings ... ..	60	198	85	283	2
Morrison's Buildings (South) ... ..	54	134	80	214	6
New Buildings, Tenter Street ... ..	25	59	44	103	0
Peabody Buildings, Commercial St... ..	60	134	60	194	1
Peabody Buildings, Glasshouse St... ..	286	664	448	1112	19
Plough Street Buildings ... ..	46	74	41	115	2
Rothschilds Buildings ... ..	228	432	662	1094	15
Royal Mint Buildings ... ..	225	362	171	533	7
Shepherd Street Buildings ... ..	41	68	36	104	1
St. George's House ... ..	40	82	43	125	5
Tenter Buildings ... ..	25	23	25	48	0
Wentworth Buildings... ..	222	709	507	1216	16
Totals ... ..	2546	5486	3943	9429	186

Of the total deaths in Model Dwellings, there were 16 from Measles; 8 from Diphtheria; 1 from Enteric Fever; and 13 from Diarrhœa.

Table F\* in the Appendix may be consulted for the age distribution of those residents who died during the year.

**Infant Mortality.** From this Table I have deduced the usual information concerning the deaths of infants and children under the age of five years. Such figures are contrasted with the Metropolitan statistics which apply to similar ages. The deaths of infants under the age of one year, in London, equalled 24·6 per cent. of the total deaths, and 14·2 of the registered births; whilst, in the Whitechapel District, those infants who died under the age of one year, equalled 25·0 per cent. of the total deaths, against 25·2 per cent. last year; and 14·6 per cent. of the registered births, against 15·2 per cent. which was the record for the preceding year.

The deaths of children under five years of age, including the above, were for London equal to 40.2 per cent. of the total deaths, and 23.1 per cent. of the registered births; and, for the Whitechapel District, they were equal to 41.6 per cent. of the total deaths, and 24.3 per cent. of the registered births. These were nearly allied to last year's record.

These deaths during the year numbered 30. They were registered in the following Asylums as under:—

<b>Extra</b>	In the Banstead Asylum ...	8
<b>Metropolitan</b>	Colney Hatch „ ...	14
<b>Deaths.</b>	Leavesden „ ...	8

Seven died between the ages of 60 and 80; 8 between 40 and 60; and 15 between 20 and 40. Brain disease proved fatal in 17 instances; in 6, Phthisis was the registered cause of death; Heart disease and Chest complications were responsible for 6 deaths; whilst 1 death was attributed to Cancer.

**Violent Deaths.** The deaths from violence amounted to 50. The victims consisted of 27 males and 23 females.

*Sub-Districts to which these persons previously belonged.*

Spitalfields.	Mile End New Town.	Whitechapel Church.	Goodman's Fields.	Aldgate.	TOTAL.
10	9	23	4	4	50

AGE AT DEATH.

Under 1.	1 to 5.	5 to 20.	20 to 40.	40 to 60.	60 to 80.	Over 80.
15	3	6	7	10	7	2

SPECIAL CAUSES OF DEATH FROM VIOLENCE.

Accidental Fractures, Run over, etc.	...	...	18
Burns and Scalds	...	...	5
Drowning (Accidental)	...	...	2
Suffocated in Bed (Accidental)	...	...	14

Suicide	{	Pistol Shot	...	...	...	1	}	9
		Fall from Window	...	...	...	1		
		Poison	...	...	...	4		
		Hanging	...	...	...	1		
		Cut Throat	...	...	...	2		
Manslaughter (Starvation of an infant)	...	...	...	...	1			
Other	...	...	...	...	...	1		
								—
					Total	...	...	50
								—

During the year the deaths of 302 persons were inquired into by the Coroners. Half of these were non-residents, and the inquests on them were mostly held in the London Hospital. In apportioning to each Coroner a District, it was unfortunate that to one officer was assigned a part of the Whitechapel District, while his colleague has jurisdiction over the remainder. This is inconvenient, and if no other way can be devised to overcome the difficulty, I shall submit a proposition for your consideration when your Mortuary has become ready for occupation. And here I would gratefully allude to the labours of your Mortuary Committee. By the courtesy of certain authorities concerned, various Metropolitan Mortuaries have been inspected; and thus the Committee are enabled to recommend for your consideration such structural plans for a Mortuary which will prove a great boon to the District. The arguments in favour of a well arranged Mortuary being in every District are so well known, and moreover, have been so frequently discussed by your Board, that I will pass on from this subject with the hope that my next Report will contain a description of the new buildings, and some of the benefits which have already resulted from their possession.

Those cases where death occurred without medical attendance, and where no inquest was thought by the Coroners to be necessary, amounted to 6. One **Uncertified Deaths.** man, aged 49 years, was a resident of the Sailors' Home; 4 were infants, whose deaths were certified by midwives to be due to "premature birth," and who were aged only a few hours; whilst the remaining death was due to Bronchitis, and was that of a child aged  $2\frac{1}{2}$  years. Three were males, and 3 were females. Three were registered in the Spitalfields Sub-District, and 1 each was registered in the

Mile End New Town, Goodman's Fields, and Aldgate Sub-Districts respectively.

**Public Institutions within the District.** In the London Hospital there died during the year 874 persons, of whom only 136 had resided in the District previously to their admission. There were 316 deaths registered in the Whitechapel Union Infirmary. Of these persons, all but four had been resident in the District before admission.

**Registered Common Lodging-houses Deaths.** The subjoined tabulated statement affords information concerning these Lodging-house deaths:—

REGISTERED COMMON LODGING-HOUSE.

Name of Street.	No. of Houses registered.	Deaths in Infirmary and elsewhere of Lodgers.
Baker's row ... ..	1	...
Bennett's place ... ..	1	...
Brick lane ... ..	7	4
Brushfield street ... ..	1	...
Buckle street .. ...	1	...
Bull court ... ..	4	...
Commercial street .. ...	1	7
Dock street ... ..	2	...
Dorset street ... ..	13	26
Flower and Dean street .. ...	30	39
Garden court ... ..	1	5
George street ... ..	10	3
George court ... ..	3	1
George yard ... ..	5	2
Grace's alley ... ..	4	1
Great Garden street ... ..	2	6
Great Pearl street ... ..	1	2
Gun street ... ..	5	6
Hanbury street ... ..	5	...
Heneage street ... ..	1	6
Lambeth street ... ..	1	...
Leman street ... ..	5	5
Little Pearl street ... ..	1	2
Old Montague street... ..	1	...
Osborn place ... ..	6	17
Osborn street ... ..	1	...
Paternoster row ... ..	3	4
Princes street .. ...	1	6
Thrawl street ... ..	10	15
Upper East Smithfield .. ...	2	4
Well street .. ...	2	...
Wellclose square ... ..	3	...
Wentworth street ... ..	10	13
Wheeler street ... ..	1	...
Whitechapel road ... ..	1	2
White's row ... ..	3	...
TOTAL ... ..	149	176

The deaths which took place in the Whitechapel Union Infirmary have already been noticed. For

**Pauper Statistics.** particulars concerning cases of sickness which came under treatment by the District Medical Officers, refer to Table H\* of the Appendix.

The total number was 143 in excess of last year's total.

The Water supplied by the New River and the East London Water Companies during the year has not differed appreciably, either in quantity or quality, from **Water Supply to the District.** that sent out during recent years. The usual monthly statements which are published by the Government Water Examiner; and also the Analytical and Biological Returns which Messrs. Tidy and Oddling furnish, afford satisfactory evidence that care is taken to supply good water in sufficient quantity.

Tables Q and R† are included in the Appendix. They set out in the usual manner certain particulars **Meteorological Returns.** which, properly used are of service to Sanitarians.

The slaughter-houses have become reduced in number since I last reported. They have been regularly visited, **Slaughter-houses and Cow-houses.** as have also the cow-houses in the district. The following is a list of those which now remain upon the Register :—

### SLAUGHTER-HOUSES.

#### WHITECHAPEL.

ADDRESS.			TO WHOM LICENSED.
269, Whitechapel Road	...	..	Alfred Garton.
3, High Street	...	..	Benjamin James Wood.
6, " "	...	...	Solomon Horwitz and Joseph Lialter.
27, " "	...	..	Thomas Kefford.
4, " "	...	...	Charles Henry Knight.
2, " "	...	...	Robert Lankester.
52, " "	...	...	Joseph Nathan.
52, Cable Street	...	...	Mary Pettitt.

#### MILE END NEW TOWN.

147, Hanbury Street	...	...	John Arthur Garton.
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#### NORTON FOLGATE.

29, Norton Folgate, High Street	...	...	Edwin Covell.
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\* Page 28.

† Pages 34 and 35.

## COW-HOUSES.

## WHITECHAPEL.

ADDRESS.	TO WHOM LICENSED.
17, Black Lion Yard (both sides) ...	John Davies.
6, Whites Row .. ...	Evan Edwards.
7, Finch Street .. ...	William James.
20, Chamber Street ... ..	John Evan Jones.
33, Old Montague Street ... ..	William Lambeth.
Plough Square ... ..	William Lewis.
64, Old Montague Street .. ...	Thomas Watson.

## CHRIST CHURCH.

Saw Yard ... ..	Daniel Barker.
6, Whites Row .. ...	Catherine Edwards.
37, Hanbury Street ... ..	David Felix.
155, Commercial Street ... ..	Evan David Morgan.
15, Tilley Street ... ..	John Johnson.
16, Grey Eagle Street ... ..	James Webb.

## MILE END NEW TOWN.

24, Underwood Street ... ..	William Bryant.
23, Dunk Street ... ..	Samuel Evans.
64, Pelham Street ... ..	Henry Foster.
73, Baker's Row ... ..	Henry Gibbs.
21, Spital Street ... ..	John Williams.

## NORTON FOLGATE.

7, White Lion Street ... ..	Elizabeth Morgan.
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## SANITATION DURING THE YEAR 1889.

Three years having now elapsed since the Destructor Works were opened in Wentworth Street—it seems fitting that some observations should appear respecting the working of this most important addition to the Sanitary machinery of the Whitechapel District.

Circumstances had rendered it necessary that some other means of dealing with the refuse of dust-bins should be exchanged for that hitherto in use, which consisted in paying heavily for the privilege of removing the nuisance from one District into another. As the result of your deliberations the works were constructed, a description of which transcribed from your Surveyor's Report, appeared in my Annual Statement, soon after the Destructor was in active operation.

It was anticipated that some opposition would be advanced to a method which was novel so far as concerned the Metropolis. It is due to the careful management of the furnaces, combined with certain modifications as regards details, as well as to the completeness of the original structure, that the present arrangements

have commanded the commendations of all the authorities who have inspected the works. So far as the existing resources of the Destructor cells are concerned, it is satisfactory to learn that they consume almost all the house refuse which is collected within the District, and an increased cell capacity will probably result in adding value to the clinker. It is a very important statement to make, that at the present time all house refuse and garbage of every description is rendered absolutely inert by its passage through the fires. It promises well for the not distant future, that already a considerable number of houses are supplied with pails wherein to store refuse, and these receptacles are emptied daily, and their contents conveyed to the Destructor. As provision can be made, block after block of houses will be included in this arrangement, until the whole house refuse of the District will be collected and destroyed daily. Then dust-bins will exist only in the memories of those who have often deplored their presence in close proximity to rooms, the air of which they frequently tainted. I may be permitted to add that already the present cost of dealing with the refuse does not much exceed the cost formerly incurred, whilst a large increase has been noted in the number of loads which have been collected and destroyed.

Certain Acts of Parliament have been added to the Statute-book. The Notification of Infectious Diseases Act, which came into operation in October, has already been found useful. I need not point out how necessary it becomes for Sanitary Authorities to be made early acquainted with the first cases of infectious diseases. The advantage to the public of such an Act is great, although its working adds considerably to the labours of your staff. The diseases which the Act specifies as requiring to be notified, are: "Small-pox, Cholera, Diphtheria, Membranous Croup, Erysipelas, Scarlet Fever, Typhus Fever, Typhoid Fever, Relapsing, Continued, and Puerperal Fevers." Also any other diseases which, after due notice has been given to the ratepayers, and the sanction of the Local Government Board has been obtained, the Local Authority deems it necessary to add.

A horse-flesh Act has been passed. This Act compels the vendors of horse-flesh to legibly label the meat, and it also gives power to the Sanitary Officers to "inspect, examine, and seize horse-flesh illegally exposed for sale."

The Poor Law Amendment Act, 1889, enables the Asylums' Board Managers to admit any person, who is not a pauper, who is reasonably believed to be suffering from Fever, Small-pox, or Diphtheria into one of their hospitals. Certain clauses provide for the re-imbusement to the Guardians of sums which they have paid for cases. In pursuance of the provisions in this Act, the managers have issued a Report to give effect to the following recommendations of their Ambulance Committee :—

- (a) That the managers do allow their carriages to be made use of for the conveyance of persons suffering from "dangerous infectious disorders" to places other than the Board's Hospitals, pursuant to the power enforced upon them by Section 6 of the Poor Law Act, 1889.
- (b) That the charge to be made for each conveyance be, for the present, five shillings.
- (c) That discretionary power be conferred upon the Ambulance Committee to remit the charge for such conveyance when they deem it is expedient in the interest of the public health.
- (d) That the Ambulance Committee be authorised to convey persons, under exceptional circumstances, to or from places outside the Metropolitan area, and to make an extra charge for the same.
- (e) That it be referred to the Ambulance Committee to frame such regulations as may be necessary to give effect to the several decisions arrived at by the Managers.

A Public Health Act, which contains provisions to prevent the spread of Cholera, became law in 1889. This Act is concerned chiefly in enlarging the action and power of the Local Government Board. Finally, there was passed an Act for the Prevention of Cruelty to, and for the Protection of, Children.

It is a matter of general observation, that the Metropolis is worse off as regards Sanitary Laws than all other Districts where the Public Health Act, 1875, applies. It becomes necessary sometimes to cast about before we can fish out from amongst the many existing Sanitary Acts, some section which will enable some particular matter to be dealt with. It will, therefore, be a boon to have comprised within one Act of Parliament, that which now

runs through very many. This Consolidation Bill is in draft—and it also contains a Clause giving to a Magistrate power to inflict a fine, not exceeding five pounds, where neglect to remedy a nuisance has been proved. It has become an annual custom to refer to the well-known Bell Lane and Great Pearl Street schemes, both of which were inherited by the London County Council from the Metropolitan Board of Works. It has been my privilege to be associated with Mr. Shirley Murphy in an inspection of these areas. A Committee of the Council has also visited them. No report has reached me concerning the Bell Lane area, but you are aware that a communication has emanated from the Council to your Board, stating that in the opinion of the Council, Cross's Acts of Parliament do not seem applicable to the houses which make up the Great Pearl Street area. It remains, therefore, for your Officers to deal as best they can with this property. I have already seen the owners and agents who are concerned, with a view to obtain some uniform and combined improvement. I am waiting for some specifications to be submitted which shall effect this object. One month was suggested and agreed to as a fair time during which no action should be taken.

I cannot, however, avoid stating that I am disappointed with the present arrangement, because I think some provision should be made for the better accommodation and supervision of the class of persons who now inhabit those wretched rooms, called "Furnished rooms;" and it seems to me that no better site could have been selected for experiment than the Great Pearl Street area. It is not possible to consider this subject seriously, without having to confess that we are here face to face with, perhaps, the most difficult social problem of the present day. Philanthropists are often devoted individually to schemes for "improving the welfare of the poor," and each person has some pet scheme to suit some particular class. I think some combination of such suggestions might lead to better results, than can take by allowing the present somewhat patchy way of working to continue. The question often arises: Have the very poor been treated fairly in this great matter of house accommodation? Let me state the case. A large area is cleared of wretched hovels to make way for large piles of cleanly-looking buildings. What has become of the people who were dislodged? Are they re-housed in the new Model Dwellings? Certainly not. In the first place the rents demanded are above

their means, and in the second place, the caretakers overlook them in their careful plan of selection. It follows that they must drift into other rooms in houses, perhaps, already sufficiently occupied. It is thus clear that the very class of persons requiring most urgently some better accommodation is the class for which the large building Trusts have not provided. Could not the Guinness Trustees do something towards compensating the very poor for the lack of consideration which has been awarded them? It is useless to expect that the rents which this class could afford would pay for land and buildings, and then enable a four per cent. dividend to be declared—but given the rooms in the first instance from some benevolent source, they would then be self-supporting. A better hygienic condition would reduce the sickness and death-rates, and the lessened risk to the general public would amply compensate for the outlay, and for the necessary supervision.

Apart from the many improvements which have been effected amongst individual houses during the year, some very important works have been carried out at the instigation of your Sanitary staff. I may mention two, where considerable structural alterations are now going on. In one case the builder's contract is £444 for eight houses; and in another the lowest tender amounted to £378 for a block of about a dozen houses.

To those who are of opinion that the perfection of health results from the possession of "a sound mind in a sound body," it must be a source of gratification that through the efforts of your Board, the Public Libraries' Act has been adopted for the Whitechapel District. To provide a cheerful room with well-selected literature, where the occupants of tenements may be educationally entertained, is a distinct move in the right direction.

I must not conclude without an allusion to the addition in our Sanitary staff. I feel confident that the work of Mr. Sleath will assist very much the work of Sanitary reform which is in progress. In inviting your attention to the results of the Inspectors' labours which they have tabulated for your perusal, it becomes my pleasing duty to chronicle the efforts which the Messrs. Wrack always make to carry out my wishes for the welfare of the District. Their genial manner facilitates business, and it becomes less seldom necessary to have recourse to magisterial aid to obtain the execu-

tion of those Orders which from time to time your Board is called upon to sanction. The present arrangements, whilst affording more time to the general supervision of the District, allows progress to be made in the systematic house to house visitation, which I believe to be of great importance amongst a community of so cosmopolitan a character as that which now constitutes the Whitechapel District.

I have the honour to be,

Gentlemen,

Your obedient Servant,

JOSEPH LOANE.

## APPENDIX.

- Abel's buildings, W.C.  
 Adelaide place, C.C.  
 Albert street, M.E.N.T.  
 Albert place, M.E.N.T.  
 Albert cottages, M.E.N.T.  
 Aldgate High street (part of)  
 Alie place, W.C.  
 Angel alley, W.C.  
 Ann's place, Wentworth street, C.C.  
 Artillery passage (south side, O.A.G.);  
 (north side C.C.)  
 Artillery street, O.A.G.
- Back Church lane (West side), W.C.  
 Baker's row, W.C. (East side, 2 to 110),  
 (West side, 1 to 73).  
 Barber's yard, C.C.  
 Bath street, W.C. North side West end,  
 1, 2, 3, 4.  
 Bath place, W.C.  
 Bell lane, C.C.  
 Bell court, C.C.  
 Bennett's place, C.C.  
 Black Eagle street, C.C.  
 Black Lion yard, W.C.  
 Blossom street, N.F. West side south  
 end, 1 and 2, East side, 1 to 10.  
 Blossom place, N.F.  
 Bonds buildings, W.C.  
 Booth street, C.C. and M.E.N.T.  
 Boundary court, C.C. and M.E.N.T.  
 Brick lane, W.C. and C.C., East side, 2  
 to 144; West side, 1 to 117.  
 Brownson's court, W.C.  
 Brunswick place, W.C.  
 Bucks row, W.C.  
 Buckle street, W.C.  
 Bull court, C.C.  
 Bull Stake court, W.C.  
 Burr street, Aldgate.  
 Butler street, C.C.  
 Buttress gardens, M.E.N.T.  
 Buttress street, M.E.N.T.  
 Buxton street, North side, 19 to 133;  
 South side, 2 to 140.  
 Brushfield street, North side, 11 to 79;  
 South side, 16 to 84.  
 Brady street, W.C., East side, 2 to 80;  
 West side, 1 to 29.
- Cable street, W.C., North side, 1 to 29;  
 South side, 2 to 56.  
 Casson street, M.E.N.T.  
 Cannon place, W.C. (West side).  
 Caroline place, W.C. and M.E.N.T.  
 Carter's rents, M.E.N.T., 9, 10, 11.  
 Cartwright street, Aldgate.  
 Chapel street, C.C.  
 Chamber court, W.C.  
 Chamber street, W.C.  
 Chapel place, N.F.
- Charlotte street, W.C.  
 Charlotte court, M.E.N.T.  
 Charlotte court, W.C.  
 Chicksand street, W.C., M.E.N.T., and  
 C.C.  
 Chicksand place, M.E.N.T.  
 Christopher court, W.C.  
 Church street, C.C.  
 Church lane, W.C.  
 Church passage, C.C.  
 Church street, H.T.M.  
 Cobb's court, C.C.  
 Cobb's yard, C.C.  
 Cobourg court, C.C.  
 Colchester street, W.C.  
 Commercial street, W.C. and C.C.  
 Commercial road, South, 2 to 14;  
 North, 1 to 27A.  
 Cotton street, W.C.  
 Corbett's court, C.C.  
 Cock alley, N.F.  
 Court street, W.C.  
 Cox's square, C.C.  
 Crispin street, C.C.  
 Cross street, W.C.  
 Crown court, Little Pearl street C.C.  
 Dale's place, C.C.  
 Davis buildings, W.C.  
 Deal street, M.E.N.T.  
 Diamond court, C.C.  
 Dinah's buildings, C.C.  
 Dock street, W.C., East side, 1 to 15;  
 West side, 2 to 30.  
 Dorset street, C.C.  
 Drum yard, W.C.  
 Duke street, O.A.G.  
 Dunk street, M.E.N.T.  
 Duncan street, W.C.
- East street, C.C.  
 East Mount street, W.C.  
 Eastman's court, C.C.  
 Eagle place, M.E.N.T.  
 Easington buildings, W.C.  
 Eckersley street (late William street),  
 East side, 9, 11, 13 and 15; West  
 side, 14, 16, 18, 20, 22 and 24.  
 Eele place, M.E.N.T.  
 Elder court, N.F.  
 Elder street, N.F. All the houses in  
 District except 2, 4, 6, 8 and 10.  
 Elizabeth place, W.C.  
 Ellerms place, M.E.N.T.  
 Ely place, W.C.  
 Emery's place.  
 Enochs court, W.C., North side, 9, 10  
 and 11; South side, 1, 2 and 3.
- Fashion court, C.C.  
 Fashion street, C.C.  
 Fieldgate street, W.C.  
 Finch street, W.C. and M.E.N.T.

- Fisher's alley, C.C.  
 Five's court, W.C.  
 Fleur-de-Lis street, N.F.  
 Fort street, O.A.G.  
 Freeman street, C.C.  
 Friendly buildings, W.C.  
 Frostic place, W.C.  
 Fryingpan alley, C.C.
- Garden place, M.E.N.T.  
 Garden court, George yard, W.C.  
 George street, C.C.  
 George street, T.H.  
 George court, M.E.N.T.  
 George court, M.E.N.T.  
 George yard, W.C.  
 Glasshouse street, W.C.  
 Goulston street, W.C.  
 Goodman's stile, W.C.  
 Goodman's yard, W.C., North side, 20  
 to 26; South side, 1 only.  
 Gower's walk, W.C.  
 Grace's alley, W.C.  
 Great Alie street, W.C.  
 Great Tongue yard, W.C.  
 Great Tower Hill.  
 Great Prescot street, W.C.  
 Great Garden street, W.C. and M.E.N.T.  
 Great Pearl street, C.C.  
 Green's place, W.C. and M.E.N.T.  
 Green street, W.C.  
 Greenfield street, W.C., East side No. 90,  
 West side, Nos. 1 and 2.  
 Green Dragon yard, W.C.  
 Grey Eagle street, C.C.  
 Grigg's court, W.C.  
 Gun street, O.A.G.
- Half Moon passage, W.C.  
 Half Wilk court, C.C.  
 Halifax street, Little, W.C.  
 Hampshire place, W.C.  
 Hanbury street, C.C. and M.E.N.T.  
 Hanover court, W.C.  
 Harod's alley, W.C.  
 Harriot place, C.C.  
 Harrison's court, C.C.  
 Haydon street, H.T.M.  
 Haydon square, W.C. and H.T.M.  
 Hearn's buildings, W.C.  
 Heneage street, M.E.N.T. and C.C.  
 Hobson's cottages, M.E.N.T.  
 Hobson's place, M.E.N.T.  
 Hooper street, W.C.  
 Hope street, C.C.  
 Hope street, W.C.  
 Hunt street, M.E.N.T.  
 Hunt place, M.E.N.T.  
 Hunt court, M.E.N.T.
- Irish court, W.C.
- Jeffries court, C.C.  
 John street, C.C.  
 John street, W.C.
- Johnson's court, W.C.  
 Johnson street, M.E.N.T.  
 John's place, W.C.  
 John's court, Casson street, M.E.N.T.  
 John's place, Hunt street, M.E.N.T.
- Kent and Essex yard, W.C.  
 King street, Aldgate.  
 King's Arms court, W.C.  
 King Edward street, M.E.N.T.
- Lamb street, C.C.  
 Lambeth street, W.C.  
 Lancaster place, H.T.M.  
 Landsdown cottages, W.C.  
 Larnder's buildings, C.C.  
 Lemam street, W.C.  
 Little Alie street, W.C.  
 Little John street, W.C.  
 Little Paternoster row, C.C.  
 Little Pearl street, C.C.  
 Little Prescott street, W.C.  
 Little Tongue yard, W.C.  
 Little Tower Hill.  
 Little Thames street, St. Katharine.  
 Loat's buildings, Aldgate.  
 Lombard street, M.E.N.T.  
 Lower East Smithfield, Aldgate.  
 Luntley place, W.C.
- Mason's court, M.E.N.T.  
 Magdalen passage, W.C.  
 Mansell street, W.C.  
 Mansell passage, W.C.  
 Middlesex street, W.C. and C.C. (East  
 side).  
 Mill yard, W.C.  
 Miller's court, C.C.  
 Minorities, H.T.M.  
 Montague place, W.C.  
 Montague court, Old, W.C.  
 Montague court, Hanbury street, C.C.  
 Montague street, Little, C.C.  
 Moss' buildings, W.C.  
 Mount street, W.C.  
 Mount place, W.C.  
 Mountford street, W.C.  
 Mundys place, W.C.
- Nag's Head yard, W.C.  
 Nelson court, C.C.  
 Nelson court, Winthrop street, W.C.  
 Nelson street, W.C.  
 New court, Dorset street, C.C.  
 New court, Gt. Pearl street, C.C.  
 New court, Hanbury street, C.C.  
 New court, Fashion street, C.C.  
 New road, W.C., East side, 62 to 94;  
 West side, 91 to 133.  
 New Square, C.C.  
 New Martin street, W.C.  
 Newnham street, W.C.  
 Newcastle street, W.C.  
 Nightingale lane, Aldgate.  
 North place, M.E.N.T.

- Norton Folgate, High-street.  
 North street, C.C.  
 Norwich court, Aldgate.  
  
 Old Castle street, W.C.  
 Old Castle court, W.C.  
 Old Montague street, W.C. and M.E.N.T.  
 Orange row, W.C.  
 Osborn street, W.C.  
 Osborn place, W.C.  
 Osborn court, W.C.  
 Old Rose lane, Wentworth street, C.C.  
 Oxford street, W.C., North side, 1 to 65;  
     South side, 2 to 54.  
  
 Palmer street, C.C.  
 Paradise place, C.C.  
 Parliament court, O.A.G.  
 Paternoster row, C.C.  
 Pavilion yard, W.C.  
 Pelham street, C.C. and M.E.N.T.  
 Pereira street, W.C., East side.  
 Plough street, W.C.  
 Plummer's row, East side, 72 to 82; West  
     side, 79 to 84.  
 Pool's place, Quaker's street, C.C.  
 Pope's Head court, C.C.  
 Prince's place, W.C.  
 Prince's street, C.C.  
 Providence place, W.C.  
 Providence court, W.C.  
  
 Quaker street, C.C.  
 Queen street, M.E.N.T.  
 Queen street, C.C.  
 Queen street, Aldgate.  
 Queen Ann street, W.C.  
  
 Ramar place, M.E.N.T.  
 Raven row, C.C.  
 Raven row, W.C.  
 Raven street, W.C.  
 Red Lion and Spread Eagle yard, W.C.  
 Red Lion court, C.C.  
 Regent's court, N.F.  
 Rosemary court, C.C.  
 Rosetta place, C.C.  
 Royal Mint street, W.C. and Aldgate.  
 Rupert street, W.C.  
  
 Samuel court, M.E.N.T.  
 Sandy's row, East side, C.C. and O.A.G.  
 Sarah place, M.E.N.T.  
 Saw yard, C.C.  
 Scarborough street, W.C.  
 Seven Star yard, C.C.  
 Sharp's buildings, Aldgate.  
 Shepherd street, C.C.  
 Short street, C.C.  
 Shorter's rents, W.C.  
 Shorter street, W.C. (West side).  
 Size yard, W.C.  
 South street, C.C.  
 South street, W.C.  
 Spectacle alley, W.C.  
 Spital street, M.E.N.T. and C.C.  
 Spital court, M.E.N.T.  
  
 Spitalfield's market, C.C.  
 Spital square, N.F. and O.A.G.  
 Spring gardens, M.E.N.T.  
 Steward street, O.A.G.  
 St. Mark street, W.C.  
 St. Mary street, W.C.  
 Spital yard, N.F.  
 Spelman street, W.C. and M.E.N.T.  
 Sugar Loaf court, W.C.  
 Swallow's garden's, W.C.  
 Swan court, W.C.  
 Swan street, W.C., North side, 14, 15,  
     16, 17 and 18; South side, 16, 15,  
     14, 13 and 29.  
 Tenter street, C.C.  
 Tenter street, North, W.C.  
 Tenter street, South, W.C.  
 Tenter street, East, W.C.  
 Tenter street, West, W.C.  
 Tenter court, C.C.  
 Tewkesbury buildings, W.C.  
 Thomas street, W.C. and M.E.N.T.  
 Thrawl street, C.C.  
 Tilley street, C.C.  
 Trinity square, T.H.  
 Tripe yard, C.C.  
 Turner street, W.C., East side, London  
     Hospital; West side, 85 to 105.  
 Tuson's court, C.C.  
  
 Underwood street, M.E.N.T.  
 Union court, Fashion street, C.C.  
 Union court, Wheeler street, C.C.  
 Union street, W.C. (part of)  
 Upper East Smithfield. Aldgate.  
  
 Vine court, C.C.  
 Vine court, W.C.  
 Vine place, C.C.  
 Vine yard, C.C.  
 Victualling Office square, Aldgate.  
  
 Well street, W.C., East side, 1 to 30;  
     West side, 1 to 14.  
 Wellclose square, W.C.  
 Wentworth street, North side, C.C.;  
     South side, W.C.  
 Wentworth court, East, C.C.  
 Wentworth court, West, C.C.  
 West street, C.C.  
 Wheeler street, C.C.  
 White's row, C.C.  
 White's row, W.C.  
 White Lion street, N.F., C.C.  
 Whitechapel High street.  
 Whitechapel road.  
 Wilk street, C.C.  
 Wilk court, C.C.  
 Wood's buildings, W.C.  
 Wood street, C.C.  
 Wood's court, N.F.  
 Worship street, N.F., part of.  
 Winthrop street, W.C.  
  
 Yeomans yard, W.C.  
 Yoakley's buildings, W.C.

TABLE A.—Births Registered in the Whitechapel District during the year 1889.

Sub Registration Districts.	Spital-fields.	Mile End New Town	White-chapel Church.	Goodmans Fields.	Aldgate.	TOTAL.	
						Boys.	Girls.
First Quarter.	199	217	156	45	44	341	320
Second „	193	248	152	57	62	344	368
Third „	166	188	140	55	42	296	295
Fourth „	185	223	147	63	51	333	336
TOTAL .....	743	876	595	220	199	2633*	

\* Correct number 2627, because 6 Non-Residents were born in the Infirmary.

TABLE B.—Deaths Registered in the Whitechapel District during the year 1889.

Sub-Registration Districts.	Spital-fields.	Mile End New Town	White-chapel Church.	Goodmans Fields.	Aldgate.	TOTAL.	
						Males.	Females.
First Quarter.	82	159	294	23	29	337	250
Second „	60	113	266	26	27	276	216
Third „	64	127	266	17	21	275	220
Fourth „	95	150	282	28	26	339	242
TOTAL .....	301	549	1108	94	103	2155	

TABLE C.—The 749 Deaths of Non-Residents which took place in the District were Registered as under :

Spitalfields.	Mile End New Town (Whitechapel Infirmary).	Whitechapel Church (London Hospital).	Goodman's Fields.	Aldgate.
2	4	738	1	4

TABLE D.—OUTLYING PUBLIC INSTITUTIONS, &amp;c., WHERE RESIDENTS OF THE WHITECHAPEL DISTRICT DIED.

Asylums Board Hospitals ... .. 17	Brought over... 93
Cancer Hospital, Fulham ... .. 1	Holborn Workhouse ... .. 1
Central London Sick Asylum ... 1	Holborn, Harper Street ... .. 1
Convent Hospital ... .. 2	Jews' Hospital and Asylum . ... 5
City Infirmary ... .. 2	Middlesex Hospital ... .. 2
City of London Chest Hospital ... 3	Millwall Docks ... .. 1
Charing Cross Hospital ... .. 1	National Hospital for Paralysis ... 1
Children's Hospital, Great Ormond Street ... .. 1	Poplar, Clark's Yard ... .. 1
Children's Hospital, Shadwell ... 15	St. Bartholomew's Hospital ... 14
Extra Metropolitan Asylums { Banstead ... 8	St. Peter's Hospital ... .. 1
{ Colney Hatch 14	St. Elizabeth's Home ... .. 3
{ Leavesden 8	Seamen's Hospital, Greenwich ... 1
German Hospital ... .. 15	Throat Hospital, Golden Square 1
Guy's Hospital ... .. 5	Westminster Hospital ... .. 1
	Westminster Workhouse ... .. 1
Carried over... 93	Total... 127

TABLE E.—CORRECT DISTRICT MORTALITY TABLE.

(Residents' Deaths, wherever registered, being correctly referred to their proper Sub-Districts).

Sub-Registration Districts	Spital-fields.	Mile End New Town	White-chapel Church.	Goodmans Fields.	Aldgate.	TOTAL.
First Quarter .....	167	70	131	31	41	440
Second „ .....	112	58	114	41	27	352
Third „ .....	118	74	102	20	24	338
Fourth „ .....	152	77	102	40	32	403
TOTAL .....	549	279	449	132	124	1533
						803 730 Males. Females.

TABLE F.—SHOWING THE AGES AT DEATHS OF THE RESIDENTS WHO DIED DURING THE YEAR.

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	TOTAL.
Under the age of 1 year.....	89	83	127	85	384
Between 1 and 5 years .....	66	66	45	78	255
„ 5 „ 20 „ .....	24	18	12	15	69
„ 20 „ 40 „ .....	65	48	38	54	205
„ 40 „ 60 „ .....	89	79	55	89	312
„ 60 „ 80 „ .....	86	48	56	71	261
Over the age of 80 years.....	21	10	5	11	47
TOTAL .....	440	352	338	403	1533
					803 730 Males. Females.

Total Births and Deaths in London, and Deaths under 5 years of age.

Number of Births in London during the year 1889 .....	131,494
„ Deaths „ „ .....	75,689
„ „ under 1 year of age .....	18,680
„ „ between the ages of 1 and 5 .....	11,776
	30,456

TABLE H.—DISTRICT MEDICAL OFFICERS' ANALYSIS OF CASES FOR 1889.

DISEASES.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.	DISEASES.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.
All Causes ... ..	1209	939	906	1168	4222	40 Apoplexy .....	.	1	2	...	3
						41 Epilepsy .....	6	1	2	4	13
						42 Convulsions .....	1	3	...	2	6
						43 Other diseases of brain and nervous system.. }	48	57	51	48	204
ZYMOTIC DISEASES.						44 Diseases of organs of special sense .....	11	10	11	10	41
1 Small Pox { Vaccinated... 2 ... .. 2	2	...	...	...	2	45 Diseases of circulatory system .....	36	34	33	39	142
Unvaccinat'd ... ..	...	...	...	...	...	46 Croup .....	...	...	2	1	3
No statement ... ..	...	...	...	...	...	47 Bronchitis .....	187	84	81	147	499
2 Measles.....	31	21	12	19	83	48 Pneumonia ... ..	17	4	4	14	39
3 Scarlet Fever .....	...	...	3	1	4	49 Pleurisy .....	5	1	4	13	23
4 Typhus .....	...	...	...	...	...	50 Other respiratory diseases	147	99	47	182	475
5 Relapsing Fever .....	...	...	...	...	...	51 Dentition .....	5	4	2	2	13
6 Influenza .....	...	...	...	...	...	52 Quinzy, sore throat .....	13	15	16	17	61
7 Whooping cough.....	...	1	...	4	5	53 Enteritis .....	...	...	...	...	...
8 Diphtheria .....	1	1	...	1	3	54 Peritonitis .....	...	...	...	1	1
9 Simple, Continued and ill-defined fever .....	...	...	...	...	...	55 Diseases of liver .....	4	8	6	7	25
10 Enteric fever .....	...	...	1	1	2	56 Other diseases of diges- tive system..... }	59	50	55	45	209
11 Simple cholera .....	...	...	...	...	...	57 Diseases of lymphatic system and ductless glands .....	4	3	..	13	20
12 Diarrhœa, Dysentery .....	5	16	49	10	80	58 Diseases of urinary syst'm	16	23	15	18	72
13 Remittent fever .....	...	...	...	...	...	59 Diseases of generative system .....	59	55	33	54	201
14 Hydrophobia .....	...	...	...	...	...	60 Accidents of childbirth...	10	2	9	...	21
15 Glanders .....	...	...	...	...	...	61 Diseases of locomotive system .....	128	115	111	118	472
16 Cow pox and effects of vaccination .....	...	...	...	...	...	62 Diseases of integu- mentary system .....	92	79	63	47	281
17 Venereal affections.....	7	14	35	13	69	VIOLENCE.— <i>Accident.</i>					
18 Erysipelas .....	4	2	3	7	16	63 Fracture and contusion...	42	34	42	...	154
19 Pyæmia and Septicæmia	...	...	...	...	...	64 Gun shot wounds .....	...	...	...	36	...
20 Puerperal Fever .....	...	...	...	...	...	65 Cut, stab .....	5	2	2	2	11
21 Other Zymotic diseases	...	1	..	...	1	66 Burn or scald .....	2	1	3	6	12
22 Thrush .. ..	...	...	...	..	...	67 Poison .....	...	1	1	1	3
23 Worms and other para- sitic diseases..... }	1	...	2	2	5	68 Drowning .....	...	...	...	...	...
24 Starvation, want of breast-milk .....	...	...	3	1	4	69 Suffocation ... ..	...	...	...	...	...
25 Alcoholism .....	3	5	6	3	17	70 Otherwise.....	...	...	...	...	...
26 Rheumatic fever and rheumatism of heart ;	1	1	...	...	2	71 Other Causes .....	91	65	55	105	316
27 Rheumatism .....	148	102	102	140	492						
28 Gout .. ..	1	4	3	2	10						
29 Rickets .....	...	..	...	...	...						
30 Cancer .....	...	1	2	3	6						
31 Tabes Mesenterica. ....	...	...	...	2	2						
32 Tubercular Meningitis ...	...	...	...	...	...						
33 Phthisis .....	15	16	19	22	72						
34 Scrofula, Tuberculosis ...	1	...	1	1	3						
35 Other constitutnl. diseases	...	2	13	...	15						
36 Premature birth .....	...	...	...	...	...						
37 Atelectasis .....	...	..	..	...	...						
38 Congenital malformations	...	...	...	...	...						
39 Old age.....	1	1	2	3	7						

TABLE I.—CLASSIFICATION OF CAUSE OF DEATH.

CLASS OF DISEASE.	PERCENTAGE OF DEATHS TO TOTAL DEATHS.	
	London <i>includ'g Whitechapel</i>	Whitechapel. District.
Zymotic Diseases (as named in the Registrar-General's Weekly Return)...	14.46	12.98
Parasitic Diseases ... ..	0.12	0.13
Privation and Alcoholism ... ..	0.63	0.52
Constitutional Diseases ... ..	20.42	22.63
Premature Birth and Old Age ... ..	6.75	7.24
Diseases of Nervous System ... ..	11.62	10.95
"  Organs of Special Sense ... ..	0.15	0.00
"  Circulatory System .. ..	8.53	7.63
"  Respiratory .. ..	19.90	22.89
"  Digestive .. ..	5.69	6.45
"  Lymphatic .. ..	0.14	0.06
"  Urinary .. ..	2.66	2.80
"  Generative .. ..	0.33	0.26
Accidents of Childbirth .. ..	0.21	0.39
Diseases of Locomotive System ... ..	0.49	0.13
"  Integumentary .. ..	0.28	0.52
Violent Deaths—Accident ... ..	3.27	3.19
Homicide ... ..	0.10	0.06
Suicide ... ..	0.49	0.45
Execution ... ..	0.00	0.00
Other Causes ... ..	3.67	0.06

TABLE L.—VACCINATION STATISTICS.

Certificates of successful Vaccination registered by Mr. W. M. Sherman, Vaccination Officer :						
Born in the Whitechapel Union .. ..	..	..	..	..	..	2359
Resident in the Union but born elsewhere .. ..	..	..	..	..	..	275
Returned as "Insusceptible" .. ..	..	..	..	..	..	5
Total .. ..						<u>2639</u>
Public Vaccinator's Statistics :						
Primary .. ..	{	By Public Vaccinator .. ..	..	..	..	1860
		By Infirmary Medical Superintendent .. ..	..	..	..	<u>104</u>
						1964
Re-Vaccination .. ..	{	By Public Vaccinator .. ..	..	..	..	2
		By Infirmary Medical Superintendent .. ..	..	..	..	<u>0</u>
						2

TABLE M.—WHITECHAPEL DISTRICT DEATHS FOR 1889.

CAUSES OF DEATH.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.	CAUSES OF DEATH.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.
All causes .....	440	352	338	403	1533	45 Diseases of circulatory system .....	26	36	21	34	117
<b>ZYMOTIC DISEASES.</b>						46 Croup .....	10	9	1	8	28
1 Small Pox	...	...	...	...	...	47 Bronchitis .....	63	28	23	65	179
{ Vaccinated...						48 Pneumonia .....	34	21	15	31	101
{ Unvaccin't'd						49 Pleurisy .....	2	...	1	2	5
{ Nostatement	50 Other respiratory dis'es	15	4	4	14	37					
2 Measles .....	11	25	11	20	67	51 Dentition.....	5	8	1	5	19
3 Scarlet Fever .....	...	2	...	...	2	52 Quinzy, sore throat .....	2	1	...	1	4
4 Typhus .....	...	...	...	...	...	53 Enteritis .....	...	...	...	...	...
5 Relapsing fever .....	...	...	...	...	...	54 Peritonitis .....	2	...	2	...	4
6 Influenza .....	...	...	...	...	...	55 Diseases of liver.....	3	5	5	5	18
7 Whooping cough .....	3	2	2	5	12	56 Other diseases of diges- tive system .....	9	11	26	8	54
8 Diphtheria .....	5	8	8	12	33	57 Diseases of lymphatic syst'm& ductless glands	...	...	...	1	1
9 Simple, continued and ill-defined fever .....	...	...	...	...	...	58 Diseases of urinary sys'm	14	16	8	5	43
10 Enteric fever .....	1	...	6	2	9	59 Diseases, generative sys- tem .....	1	1	...	2	4
11 Simple cholera .....	...	...	2	...	2	60 Accidents at childbirth ..	...	3	2	1	6
12 Diarrhoea, dysentery.....	2	8	45	10	65	61 Diseases of locomotive system .....	1	...	...	1	2
13 Remittent fever.....	...	...	...	...	...	62 Diseases of integumen- tary system .....	4	2	1	1	8
14 Hydrophobia .....	...	...	...	...	...	<b>VIOLENT DEATHS.</b>					
15 Glanders .....	...	...	...	...	...	<i>Accident.</i>					
16 Cow pox and effects of vaccination .....	...	...	...	...	...	63 Fracture and contusion..	9	4	5	...	18
17 Venereal affections .....	...	1	1	1	3	64 Gun-shot wounds .....	1	...	...	...	1
18 Erysipelas .....	1	1	...	...	2	65 Cut, stab.....	...	...	...	1	1
19 Pyæmia and Septicæmia	2	1	...	1	4	66 Burn and scald .....	1	1	1	2	5
20 Puerperal fever .....	...	...	...	...	...	67 Poison .....	...	...	...	...	...
21 Other Zymotic diseases..	...	...	...	...	...	68 Drowning .....	...	1	1	...	2
22 Thrush.....	...	1	...	...	1	69 Suffocation .....	5	9	1	2	17
23 Worms and other Para- sitic diseases .....	...	...	1	...	1	70 Otherwise .....	...	...	1	4	5
24 Starvation, want of breast milk .....	1	...	2	...	3	<i>Homicide.</i>					
25 Alcoholism .....	1	3	1	...	5	71 Murder & manslaughter	1	...	...	...	1
26 Rheumatic fever and rheumatism of heart ...	...	...	3	1	4	<i>Suicide.</i>					
27 Rheumatism .....	1	3	...	...	4	72 Gun-shot wounds .....	...	...	...	...	1
28 Gout.....	...	...	...	...	...	73 Cut, stab .....	1	...	...	...	1
29 Rickets .....	...	2	3	1	6	74 Poison .....	1	1	1	1	4
30 Cancer.....	13	10	8	10	41	75 Drowning .....	...	...	...	...	1
31 Tabes Mesenterica .....	6	3	4	2	15	76 Hanging .....	1	...	...	...	1
32 Tubercular Meningitis...	1	4	1	4	10	77 Otherwise .....	...	...	...	1	1
33 Phthisis .....	42	34	31	47	154	<i>Execution.</i>					
34 Scrofula, Tuberculosis ...	17	4	3	...	24	78 Hanging .....	...	...	...	...	...
35 Other constitut'l diseas's	23	16	30	20	89	79 Other causes .....	...	...	...	1	1
36 Premature birth .....	11	5	6	3	25						
37 Atelectasis .....	...	...	...	...	...						
38 Congenital malformatns.	...	...	...	...	...						
39 Old age .....	41	17	16	22	96						
40 Apoplexy.....	8	7	1	11	27						
41 Epilepsy .....	2	...	1	3	6						
42 Convulsions .....	10	5	12	8	35						
43 Other diseases of brain and nervous system ..	27	29	20	24	100						
44 Diseases of organs of special sense .....	...	...	...	...	...						

TABLE N.—METROPOLITAN DEATHS FOR 1889.

CAUSES OF DEATH.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.	CAUSES OF DEATH.	1st Quar.	2nd Quar.	3rd Quar.	4th Quar.	TOTAL.
All Causes ... ..	21142	17345	17881	19321	75689	45 Diseases of circulatory system .. ..	1877	1508	1334	1741	6460
<b>ZYMOTIC DISEASES.</b>						46 Croup ... ..	154	83	93	150	480
1 Small Pox						47 Bronchitis ... ..	3499	1562	1048	2863	8972
{ Vaccinated ... ..						48 Pneumonia ... ..	1259	1008	605	1189	4061
{ Unvaccinated ... ..						49 Pleurisy... ..	70	65	43	61	239
{ No statement ... ..				1	1	50 Other respiratory dis's	460	270	194	387	1311
2 Measles ... ..	1107	667	218	323	2315	51 Dentition ... ..	155	147	132	111	545
3 Scarlet fever ... ..	182	149	191	262	784	52 Quinzy, sore throat ...	24	22	25	21	92
4 Typhus „ ... ..	2	1	5	7	15	53 Enteritis ... ..	87	96	280	107	570
5 Relapsing fever ... ..				1	1	54 Peritonitis ... ..	94	73	97	88	352
6 Influenza ... ..	2	1	1	1	5	55 Diseases of liver... ..	320	335	349	317	1321
7 Whooping Cough ...	452	541	300	456	1749	56 Other diseases of digestive system ...	334	341	415	335	1425
8 Diphtheria ... ..	355	318	467	448	1588	57 Diseases of lymphatic system and ductless glands.. ... ..	21	30	25	32	108
9 Simple, continued and ill-defined fever. ...	7	17	9	10	43	58 Disease's urinary system	551	513	432	523	2019
10 Enteric fever ... ..	105	85	145	202	537	59 Diseases of generative system ... ..	54	56	68	75	253
11 Simple cholera ... ..	4	2	54	2	62	60 Accidents of childbirth	50	38	37	41	166
12 Diarrhœa, Dysentery	189	269	1966	254	2678	61 Diseases of locomotive system ... ..	93	90	89	103	375
13 Remittent fever... ..	1	3	6	2	12	62 Diseases of integumentary system ... ..	59	52	54	52	217
14 Hydrophobia ... ..	1	1	5		7	<b>VIOLENT DEATHS.</b>					
15 Glanders ... ..			1	1	2	<i>Accident.</i>					
16 Cow pox and effects of vaccination ... ..	3	3	1	4	11	63 Fracture and contusion	221	248	265	248	982
17 Venereal affections ...	133	109	163	139	544	64 Gun shot wounds ... ..		2	3	1	6
18 Erysipelas ... ..	34	46	39	70	189	65 Cut, stab ... ..	2	3	5	7	17
19 Pyæmia & Septicæmia	26	29	21	29	105	66 Burn and scald ... ..	95	54	47	101	297
20 Puerperal fever ... ..	41	58	55	68	222	67 Poison ... ..	20	18	20	20	78
21 Other zymotic diseases	16	26	17	22	81	68 Drowning ... ..	60	85	113	61	319
22 Thrush... ..	20	25	27	11	83	69 Suffocation... ..	203	170	135	183	691
23 Worms and other parasitic diseases ...	3	4	3	4	14	70 Otherwise ... ..	15	23	31	17	86
24 Starvation, want of breast-milk ... ..	26	17	27	22	92	<i>Homicide.</i>					
25 Alcoholism ... ..	89	95	111	91	386	71 Murder & mansl'ghter	17	19	25	18	79
26 Rheumatic fever and rheumatism of heart	78	73	75	105	331	<i>Suicide.</i>					
27 Rheumatism.. ... ..	31	34	30	36	131	72 Gun shot wounds ... ..	8	14	10	11	43
28 Gout ... ..	52	40	35	37	164	73 Cut, stab ... ..	18	18	22	20	78
29 Rickets... ..	57	72	62	39	230	74 Poison ... ..	23	26	16	13	78
30 Cancer... ..	732	752	737	761	2982	75 Drowning ... ..	10	21	18	12	61
31 Tabes Mesenterica ...	259	285	488	229	1261	76 Hanging ... ..	21	26	19	9	75
32 Tubercular meningitis	294	333	297	265	1189	77 Otherwise ... ..	10	9	11	9	39
33 Phthisis.. ... ..	1963	1939	1788	2058	7748	<i>Execution.</i>					
34 Scrofula, tuberculosis	227	235	240	194	896	78 Hanging. ... ..	1				1
35 Other constitutnl. dis's	138	125	106	159	528	79 Other causes, ... ..	700	543	877	664	2784
36 Premature birth... ..	547	501	484	493	2025						
37 Atelectasis ... ..	26	31	30	40	127						
38 Congnitl. malformatns.	100	81	98	88	367						
39 Old Age.. ... ..	760	579	586	666	2591						
40 Apoplexy ... ..	585	503	426	564	2078						
41 Epilepsy ... ..	94	93	92	81	360						
42 Convulsions... ..	600	515	584	505	2204						
43 Other diseases of brain and nervous system	1187	1092	923	955	4157						
44 Diseases of organs of special sense ... ..	29	28	31	26	114						

TABLE O.—PRINCIPAL ZYMOTIC DISEASES DEALT WITH DURING THE YEAR.

NAME OF PLACE.	Small Pox.	Scarlet Fever.	Typhus Fever.	Enteric Fever.	Diphtheria.	Measles.	Erysipelas.	Croup.	NAME OF PLACE.	Small Pox.	Scarlet Fever.	Typhus Fever.	Enteric Fever.	Diphtheria.	Measles.	Erysipelas.	Croup.	NAME OF PLACE.	Small Pox.	Scarlet Fever.	Typhus Fever.	Enteric Fever.	Diphtheria.	Measles.	Erysipelas.	Croup.
Alie place ... ..						1			Brought over ... ..	15	2	15	26	4	3			Brought over ... ..	2	22	10	48	49	6	4	
Back Church lane ... ..	1								Glasshouse buildings ... ..			3						Peabody buildings ... ..								
Black Lion yard ... ..			2						Great Garden street ... ..		1							Glasshouse street ... ..								
Blossom street ... ..						1			Grey Eagle street ... ..		1	2						C block ... ..					2			
Booth street ... ..	1			1					Hanbury street ... ..		3	2	2					Pelham street ... ..	1		1		3		1	
Booth street buildgs. ... ..				1	1				Harods place ... ..			2						Pools square ... ..					1			
Brick lane ... ..	1					1			Haydon square ... ..	1								Providence place ... ..					1			
Brunswick buildings ... ..	2			2					Hearns buildings ... ..	2								Quaker street ... ..		1			1			
Buckle street ... ..						1			Heneage street ... ..			1						Queen st., Spitalfids. ... ..					1			
Burr street ... ..	2								Hobsons cottages ... ..	1		1						Raven Row ... ..	2							
Buttress street ... ..				1					Hope st. Whitechapel ... ..			1						Raven street ... ..					1			
Buxton street ... ..							3		Hunt street ... ..			2						Rothschilds buildgs. ... ..					3		1	
Casson street ... ..	1					1			Katharine buildings... ..	1	1	2	5					Royal Mint street ... ..							2	
Chamber street ... ..				1					Kent & Essex Yard ... ..			1						Royal Mint square ... ..				1				
Charlotte street ... ..				2					King Edward street... ..				1					Rupert street ... ..				1	1			
Charlotte court... ..	1			1					Lardners buildings... ..	1								Sarah's place ... ..					4			
Chicksand street ... ..	1					1			Leman street ... ..		1	1						Spital street ... ..					1			
Church st., Spitalfids. ... ..						1			Little John street ... ..	1								Spring gardens ... ..	1			1				
Church passage ... ..						1			Little Pearl street ... ..						1			Tenter street south... ..	1							
Commercial street ... ..	1								Lolesworth buildings ... ..			7	4					Tewkesbury bldgs... ..							1	
Corbetts Court ... ..						1			Lombard street ... ..			1						Thomas street ... ..				1				
Cross street ... ..						1			London Hospital ... ..			1						Thrawl street ... ..					1			
Davis Buildings ... ..				2					Mansell street ... ..	1								Tusons court ... ..					1			
Dorset street ... ..				1	1				Metropolitan bldgs. ... ..			1						Underwood street... ..	1							
Dunk street ... ..	1			2	1				Morrisons buildings ... ..			1						Upper E. Smithfield ... ..							1	
Eagle place ... ..	1			2					Mountford street ... ..			1						Well street ... ..	1						1	
East Mount street ... ..				1	1				New Castle place ... ..			1						Wellclose square ... ..							1	
Eckersley street ... ..	1								New Martin street ... ..				1					Wentworth bldgs. ... ..					1	2		
Fashion street ... ..					3				New road ... ..					1				Wentworth street ... ..				3	3			
Flower & Dean st. ... ..				2					North place ... ..				1					Wheler street ... ..							1	
Fort street ... ..						1			Norwich court ... ..				1					Whitechapel High st. ... ..	1						1	
Freeman street ... ..						1			Old Montague place ... ..				1					Whitechapel Road ... ..	2							
Frostic court ... ..						1			Old Montague street... ..	1		6	2					Whitechapl. Infrmry. ... ..				1				
George Yard ... ..						1			Pauline terrace ... ..			1						Williams Rents ... ..					1			
George yard bldgs. ... ..				1	4				Peabody bldgs. Commercial st. ... ..			1						Winthrop street ... ..	1				1			
Forward ... ..	15		2	15	26	4	3		Forward ... ..	22	10	48	49	6	4			TOTAL ... ..	33	14	57	75	12	6		

TABLE P.—SANITARY AND OTHER WORK PERFORMED BY THE INSPECTORS.

Classification of Work.	Quarter ending March 30th.	Quarter ending June 29th.	Quarter ending Sept. 28th.	Quarter ending Dec. 28th.	Totals for the year.
Numbers of Inspections of Houses as shewn in the Official Returns ...	2855	3407	2120	2593	10975
Houses specially visited . . . . .	540	647	200	211	1607
Houses specially re visited . . . . .	1127	1584	627	623	3961
Preliminary Notices served, such Notices embracing 2181 premises ...	338	371	274	239	1222
Compulsory Orders issued, embracing 884 premises ...	122	78	65	68	333
Summonses heard at Police Court under Sanitary Act ...	6	...	2	2	10
"    "    "    Adulteration of Food and Drugs Acts	...	2	...	1	3
"    "    "    Bakehouses Act	...	...	...	...	...
Cellars used as dwellings, caused to be discontinued to be so used ...	7	3	6	7	23
Shed in yard used as a dwelling, discontinued for such use ...	...	...	...	1	1
Cases of overcrowding and indecent occupation abated ...	1	1	...	2	4
Houses in which rooms or passages have been whitewashed ...	143	417	219	267	1046
Ventilation of houses improved ...	...	...	...	...	...
Floors of Rooms, &c., repaired ...	21	43	20	34	118
Stackpipes, Eaves, Gutters, &c., provided or repaired ...	12	17	9	5	43
Nuisances from smoke abated ...	6	6	2	1	15
Rooms disinfected with sulphurous acid gas, after the occurrence of cases of infectious diseases ...	34	26	68	61	189
Articles consisting of beds, bedding, clothing, &c., removed to the stone-yard, and there disinfected ...	709	1552	1628	2107	5996
Articles burnt by consent ...	35	74	44	31	184
Yards of houses paved, or the paving repaired ...	53	85	69	75	282
Drains in houses improved ...	93	99	91	59	342
Dangerous structures notified to the London County Council ...	99	15	20	25	159
Roofs of houses repaired ...	16	16	25	23	80
Closets limewashed, cleansed and repaired ...	221	579	204	173	1177
Closets provided with a flushing apparatus and water supply ...	98	127	120	149	494
Defective water fittings to closets repaired ...	29	44	19	17	109
Water supply to houses improved ...	6	12	5	29	52
Nuisances arising from dung and other offensive matter removed ...	57	29	44	28	158
Area-gratings, cellar-flaps, &c., repaired ...	15	9	5	11	40
Houses closed by Magistrate's order, or by consent, as unfit for human habitation ...	7	6	2	8	23
Dust-bins provided, or improved ...	2	18	16	27	63
Samples under Food and Drugs Act submitted to Public Analyst ...	29	33	33	40	135
Cesspools abolished ...	2	...	1	...	3
Animals, &c., kept so as to constitute a nuisance, removed ...	2	15	15	...	32
Trades' nuisances abolished ...	...	...	...	...	...
Casks, &c., of putrid meat, &c., destroyed as unfit for human food ...	16	82	...	...	98
Retention of dead bodies removed ...	...	2	...	1	3
Filthy bedding removed from furnished rooms ...	...	45	17	...	62
Stables removed from yards of houses ...	...	1	...	...	1

In addition to this Return, the Inspectors report that they have four times during the year visited the 20 cow-houses and 13 slaughter-houses in the district, and twice during the year they have visited the 69 bake-houses in the district.

TABLE Q.—METEOROLOGICAL STATISTICS.

	No. of Hours of Registered Bright Sunshine.		Mean of Degree of Humidity (saturation represented by 100).	Mean Reading of Barometer (in inches).	Mean of Horizontal movement of the Air. (miles per hour).	Mean Temperature (Fahrenheit).	Rainfall (in inches).	Rain or Snow (Number of days fall.)
	Greenwich.	Lewes.						
1st Quarter	137.8	166.4	84.5	29.84	12.23	38°0	4.20	44
2nd „	447.8	479.9	80.0	29.68	8.6	54°3	7.27	39
3rd „	441.9	483.4	78.6	29.78	9.7	59°3	5.52	36
4th „	129.4	165.4	89.4	29.84	9.8	44°0	6.14	39
TOTAL OR MEAN }	1156.9	1295.1	83.1	29.78	10.0	48°9	23.13	158

TABLE R.—METEOROLOGICAL STATISTICS.—HIGHEST AND LOWEST RECORDS.

	No. of Hours of Registered Bright Sunshine in London.	Humidity of Atmosphere.	Reading of the Barometer (in inches).	Horizontal movement of Air (miles per hour).	Temperature (Fahrenheit).	Ozone.
1st Qr.	Highest.. 10th wk. 26.0	1st, 2nd & 4th wk....93	4th wk. 30.21	6th wk. 20.2	March 24th...60°0	10th week ..... 5.9
	Lowest .. 3rd ,, 1.5	10th week .. .....75	2nd ,, 28.53	1st ,, 5.4	,, 4th...18°7	6th, 7th & 13th week 0.1
2nd ,,	Highest.. 12th ,, 65.0	2nd ,, .....90	12th ,, 29.94	3rd ,, 11.3	May 23rd ...85°2	9th week ..... 6.5
	Lowest... 11th ,, 3.3	13th ,, ..... 71	1st ,, 29.49	13th ,, 5.2	April 1st .....33°3	12th and 13th wks... 0.0
3rd ,,	Highest.. 9th ,, 53.9	10th ,, .....88	1st ,, 30.05	13th ,, 14.2	Aug. 1st .....86°6	2nd week..... .. 5.2
	Lowest... 13th ,, 17.4	1st ,, .....71	4th ,, 29.59	10th ,, 4.4	Sept. 17th ...35°7	11th ,, ..... 0.0
4th ,,	Highest.. 2nd ,, 31.9	4th, 8th, 9th & 12th...94	8th ,, 30.35	9th ,, 14.0	Dec. 22nd ...52°5	2nd ,, ..... 3.6
	Lowest... 8th ,, 0.0	2nd week .....82	2nd ,, 29.32	8th ,, 4.8	,, 28th.....25°2	8th and 10th week... 0.0

PREVIOUS RECORDS.

In 1888 rain or melted snow fell upon 165 days, to an aggregate of 27.52 inches.  
 In 1887 " " 142 " " 19.81 "  
 In 1886 " " 162 " " 24.09 "  
 In 1885 " " 167 " " 24.05 "

