

[Report of the Medical Officer of Health for Holborn, Metropolitan Borough].

Contributors

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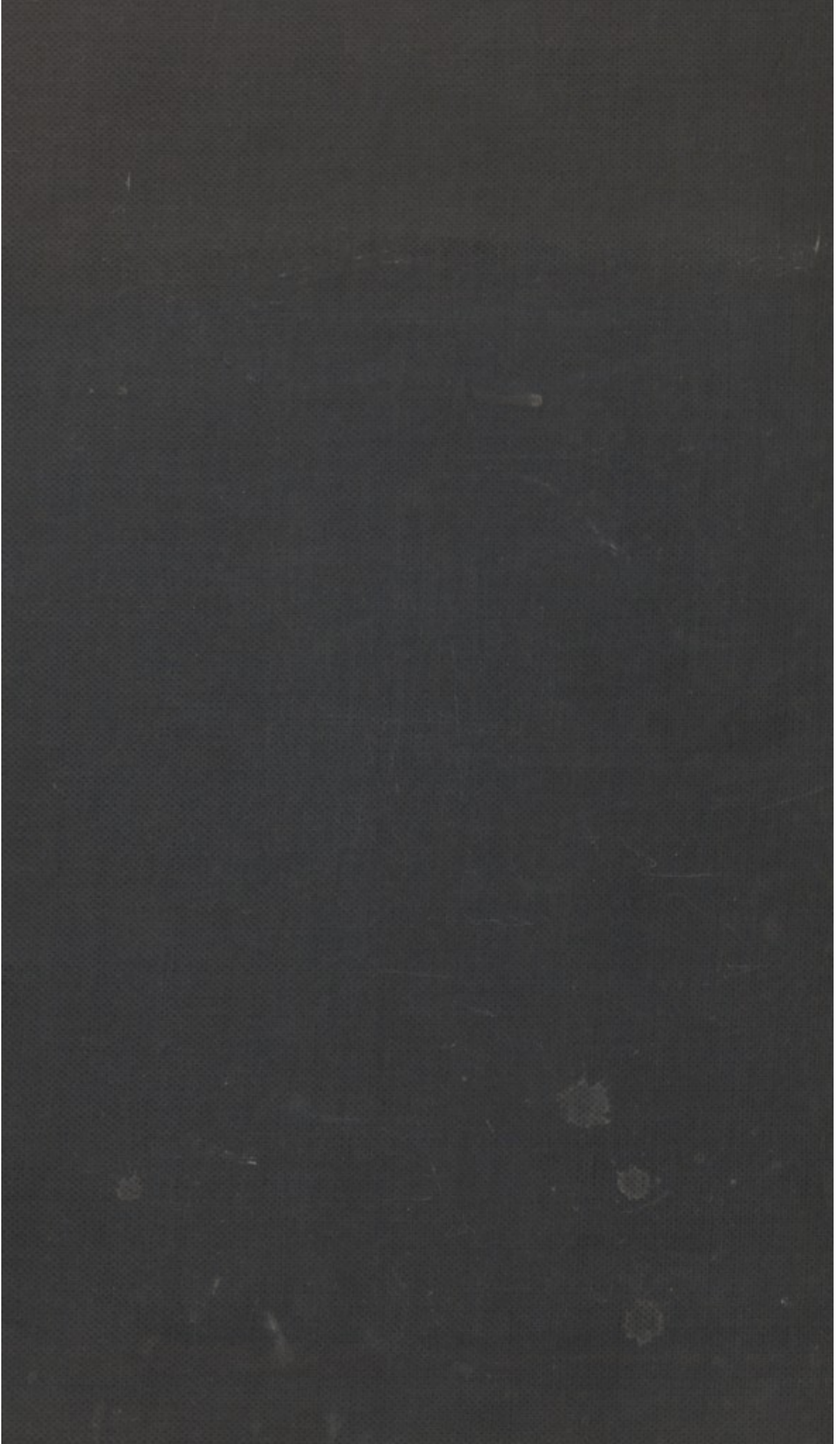
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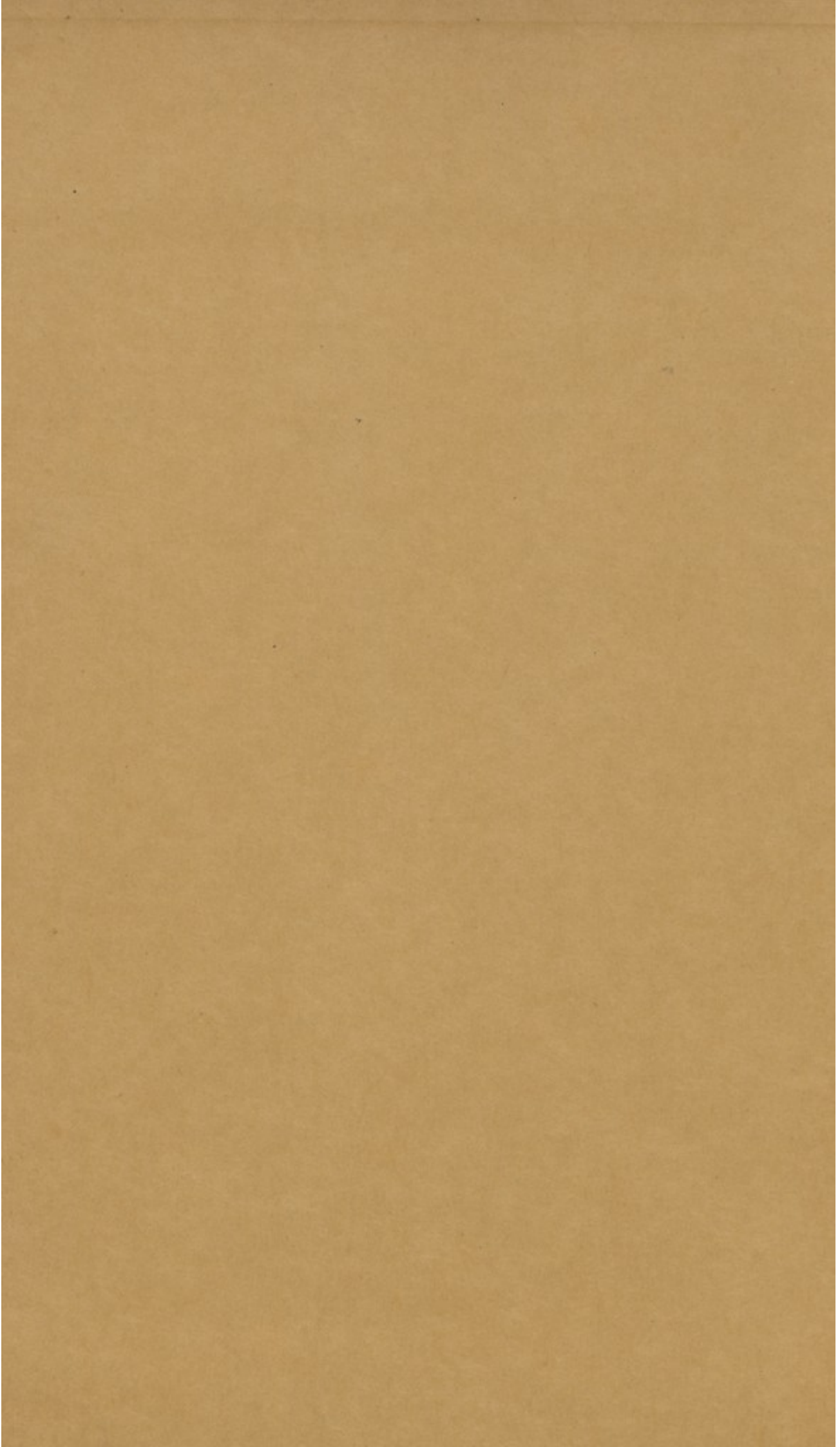
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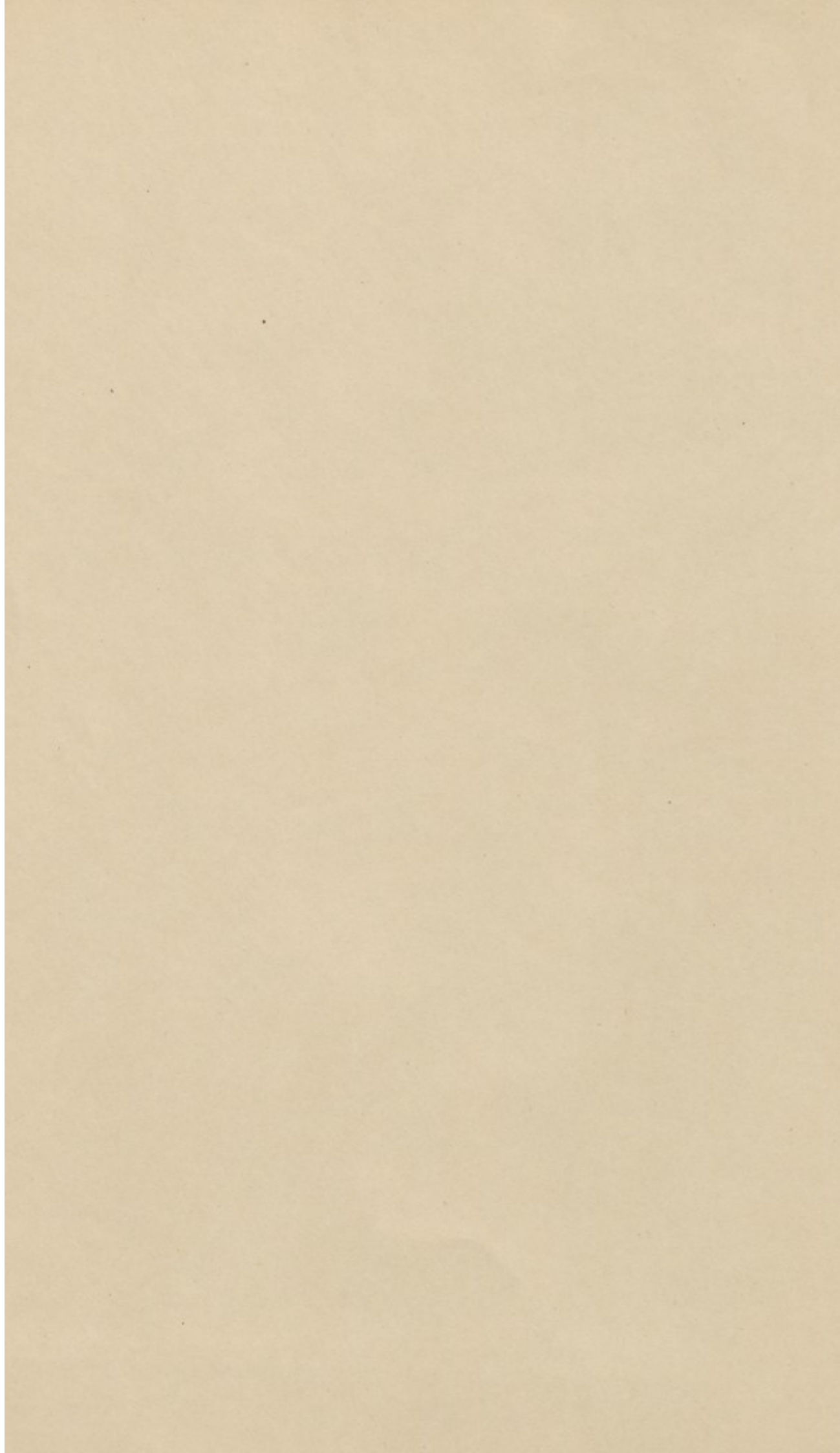


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ANNUAL REPORT

OF THE BOARD OF DIRECTORS AND OFFICERS

FOR THE YEAR ENDING DECEMBER 31, 1900

The Board of Directors of the Company, through its committees, has the honor to submit to the stockholders this report on the operations of the Company during the year ending December 31, 1900. The year has been a successful one for the Company, and the Board is confident that the future holds many more years of prosperity and growth.

The Board of Directors has the honor to acknowledge the cooperation and assistance of the stockholders and the management of the Company during the year. The Board is confident that the future holds many more years of prosperity and growth.

Very truly yours,
The Board of Directors

ANNUAL REPORT

ON THE

VITAL STATISTICS AND SANITARY CONDITION

OF THE

Area of the late Holborn District Board of Works;

VIZ.,

The Holborn Sub-District, now part of the Metropolitan Borough of Holborn; and St. Sepulchre and the Liberty of Glasshouse Yard, formerly included in the area of the Holborn District Board of Works, now in the Metropolitan Borough of Finsbury,

FOR THE YEAR 1900.

BY

WILLIAM ARTHUR BOND, M.A., M.D.,

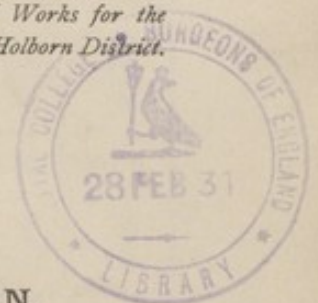
B.C. and D.P.H. Camb., M.R.C.P., Lond.

Hon. Sec., Fellow and Member of Council of the Royal Institute of Public Health; late Lecturer and Demonstrator of the Sanitary Institute; Fellow of the Society of Medical Officers of Health; Member of the Epidemiological Society, &c., &c.; late Medical Officer of Health to the Board of Works for the St. Olave's District, Southwark; late Medical Officer of Health to the Board of Works for the Holborn District.

Medical Officer of Health

TO THE

METROPOLITAN BOROUGH OF HOLBORN.



LONDON:

DIPROSE, BATEMAN & CO., SHEFFIELD STREET, LINCOLN'S INN FIELDS.

1901.

ANNUAL REPORT

VITAL STATISTICS AND BIRTH CONDITION

69788

Year of the last National Census of 1900:

The National Bureau of Vital Statistics, under the direction of the Secretary of Health, Education and Labor, has the honor to acknowledge the cooperation and assistance of the State and Territorial Vital Statistics Officers in the preparation of this report. The data for the year 1900 were obtained from the reports of the State and Territorial Vital Statistics Officers, and from the reports of the National Bureau of Vital Statistics for the year 1900.

FOR THE YEAR 1900

WILLIAM A. HENNING, M.D.,

Director, National Bureau of Vital Statistics

The National Bureau of Vital Statistics, under the direction of the Secretary of Health, Education and Labor, has the honor to acknowledge the cooperation and assistance of the State and Territorial Vital Statistics Officers in the preparation of this report. The data for the year 1900 were obtained from the reports of the State and Territorial Vital Statistics Officers, and from the reports of the National Bureau of Vital Statistics for the year 1900.

Special Agent in Charge

PERIODICALS DIVISION OF THE BUREAU

Printed by the Government Printing Office, Washington, D.C.



REPORT

RELATING TO THE

Vital Statistics and Sanitary Condition of the Area of the Holborn District Board of Works; of the Holborn Sub-District, now part of the Metropolitan Borough of Holborn; and of the Parish of St. Sepulchre Without and the Liberty of Glasshouse Yard, now in the Metropolitan Borough of Finsbury.

FOR THE YEAR ENDED 31st DECEMBER, 1900.

TO THE MAYORS, ALDERMEN AND COUNCILLORS OF THE
METROPOLITAN BOROUGHS OF HOLBORN AND FINSBURY.

GENTLEMEN,

I have the honour to submit my report for the year ending December 31st, 1900.

The year has been a very memorable one on account of the changes under the London Government Act, 1899; the new Metropolitan Boroughs coming into existence on the 9th November, 1900.

AREA, POPULATION AND HOUSES.

HOLBORN DISTRICT BOARD OF WORKS.

| PARISH. | Population. | | | Area in Acres. | Inhabited Houses. | |
|---|---------------|---------------|---------------|----------------|-------------------|--------------|
| | 1881. | 1891. | 1896. | | 1881. | 1891. |
| St. Andrew and St. George | 28,874 | 26,228 | 24,991 | 111 | 2,423 | 2,573 |
| Saffron Hill, Hatton Garden, Ely Rents | 3,980 | 4,506 | 2,832 | 32 | 453 | 605 |
| St. Sepulchre | 2,392 | 1,972 | 1,717 | 19 | 275 | 190 |
| Glasshouse Yard (St. Botolph, Aldersgate, part)... .. | 931 | 708 | 668 | 6 | 93 | 69 |
| Total—Holborn District Board of Works ... | 36,177 | 33,414 | 31,208 | 163 | 3,244 | 3,437 |
| Gray's Inn | 328 | 253 | 264 | 12 | 50 | 49 |
| Furnival's Inn | 155 | 121 | 47 | 1 | 16 | 16 |
| Staple Inn | 38 | 21 | 10 | 1 | 11 | 10 |
| Total—Holborn Sub-District of Borough ... | 33,375 | 31,129 | 29,144 | 157 | 2,953 | 3,253 |

St. Sepulchre and Glasshouse Yard are now included in the new Borough of Finsbury; and Gray's Inn, Staple Inn and the Holborn portion of Furnival's Inn, have been added to the Holborn Sub-Division of the new Holborn Borough.

The boundaries of the new Holborn Sub-Division, beginning at the north-west are:—Guilford Street, Doughty Mews, Henry Street, part of Gray's Inn Road, Elm Street, Mount Pleasant and Warner Street, Little Saffron Hill, part of the Clerkenwell Road, Farringdon Road; on the south east, the City boundary to Cursitor Street, Chancery Lane; on the south west and west, the boundary is common to the Sub-District of St. Giles-in-the-Fields and St. George, Bloomsbury.

ESTIMATED POPULATION, 1900.

The following are the estimated populations for the following Districts and Sub-Districts at the middle of the year 1900 :—

| | |
|--|--------|
| The Holborn District Board of Works area | 29,448 |
| The Holborn Sub-District of the Holborn Borough | 27,557 |
| St. Sepulchre | 1,526 |
| Glasshouse Yard | 636 |

BIRTHS AND BIRTH-RATES.

| | Males. | Females. | Total. |
|--|--------|----------|--------|
| Holborn District Board of Works' | 382 | 362 | 744 |
| Holborn Sub-District of the Borough | 357 | 343 | 700 |
| St. Sepulchre | 22 | 16 | 38 |
| Glasshouse Yard | 3 | 3 | 6 |

BIRTH-RATES.

| | |
|--|------|
| Holborn District Board of Works | 25.3 |
| Holborn Sub-District of Holborn Borough | 25.5 |
| St. Sepulchre | 25.0 |
| Glasshouse Yard | 9.4 |

The birth-rate for the Holborn District in the preceding year was 24.4 per 1,000.

The number of births registered in London was 130,868, giving a rate of 28.6 per 1,000 of the population, the lowest London birth-rate recorded.

The number in England and Wales was 926,304 or a birth-rate of 28.9.

The excess of births over deaths was 338,845.

DEATHS AND DEATH-RATES.

The number of deaths in the following Holborn District and Sub-Districts after making the usual corrections (*i.e.* excluding those of persons who died in Public Institutions, who did not belong to the District, and including those of persons, who belong to the District but died in Public Institutions outside the District) were :—

| | |
|--|-----|
| Holborn District Board of Works | 749 |
| Holborn Sub-District of the Borough | 707 |
| St. Sepulchre | 31 |
| Glasshouse Yard | 11 |

and the following were the corrected death-rates per 1,000 of the population :—

| | |
|--|------|
| Holborn District Board of Works | 25.5 |
| Holborn Sub-District of the Borough | 25.7 |
| St. Sepulchre | 20.4 |
| Glasshouse Yard | 17.3 |

The rate for the Holborn District for the preceding year was 24.1.

In London the corrected number of deaths was 86,007 equal to an annual death-rate of 18.3 per 1,000.

In England and Wales the number was 587,459 giving a death-rate of 18.3 per 1,000.

INFANTILE MORTALITY.

The number of deaths of children under five years of age was :—

| | |
|--|-----|
| Holborn District Board of Works | 245 |
| Holborn Sub-District the Borough of | 232 |
| St. Sepulchre | 10 |
| Glasshouse Yard | 2 |

The corresponding number in the Holborn District the preceding year was 222.

The number of deaths of children under one year of age, and the number of deaths of children under one year of age per 1,000 registered births, were the following for:—

| | Deaths under 1 year. | Deaths under 1 year per 1,000 registered births. |
|---|-------------------------|--|
| Holborn District Board of Works | 174 | 234 |
| Holborn Sub-District of the Borough | 166 | 237 |
| St. Sepulchre | 6 | 158 |
| Glasshouse Yard | 2 | 333 |
| Corresponding numbers preceding year | 166 | 223 |

CAUSES OF DEATH.

Tables IV. and IV.A. give the principal causes of death.

Table V. gives a list of the deaths of persons belonging to the District in outlying Public Institutions.

PHTHISIS OR CONSUMPTION.

The number of deaths from Phthisis during the year was 84, equivalent to a death-rate of 2.86 per 1,000. The rate diminished from 3.11 in 1898 and 2.99 in 1899.

For St. Sepulchre and Glasshouse Yard the number of deaths from phthisis was 5, equal to a death-rate of 2.31 per 1,000.

The corresponding rate for London was 1.71.

In 1899 it was 1.82 and in 1898 it was 1.72.

PREVENTION OF CONSUMPTION.

Although Sanitary improvements have already done much, there are still about 60,000 deaths annually in England and Wales from Consumption and other forms of tuberculosis. In London there were in 1899, 8,510 deaths from Consumption alone. The corrected annual average of the preceding ten years was 8,453, or rather less. It has been estimated that in any year there are five times as many persons as the deaths that are suffering from the disease.

It is known that this terrible waste of life with all the protracted suffering attending it, and the distress, moral and material which it involves, is in great measure preventable.

Years ago Farr gave £156 as the average value of each human life in England. The value in London is now probably more than £200. Taking it at this figure, the loss to London during the past ten years by deaths from all forms of tuberculosis may be estimated at more than £20,000,000 (twenty million pounds),

In addition therefore to humanitarian reasons there are powerful financial and economic reasons for its prevention.

VOLUNTARY NOTIFICATION.

In order that preventive measures may be carried out by the Council in individual cases, the Council must have information of their existence.

Voluntary notification was begun in the City of New York, March 1st, 1894, and in January, 1897, the notification was made compulsory. In New York the following numbers of cases of consumption were notified voluntarily:—

| | |
|----------------|--------------|
| In 1894 | 4,166 cases. |
| In 1895 | 5,824 cases. |
| In 1896 | 8,334 cases. |

So that the system cannot be said to be impracticable or unsuccessful.

In England it has only recently been adopted in a few towns. In Manchester, Brighton and Sheffield it has been attended with successful results. It has also been recently adopted in the adjoining Borough of Finsbury. I have information of sixteen towns in England where voluntary notification is now practised, but in about half of them only within the past twelve months. In those towns in which no fees have been allowed, it has naturally not been a success.

I therefore think that it is desirable for your Council to adopt this system of voluntary notification and the same fees paid as for notifiable diseases.

DISINFECTION OF ROOMS.

Many experiments have proved that the dust of rooms in which a consumptive person has been living is generally infected with the germs of tuberculosis. Rooms occupied by consumptives ought therefore to be cleansed at least once a week by using *wet* dusters and wet tea leaves or sawdust. When the consumptive removes to a sanatorium, hospital, or other premises, or dies, the room ought to be thoroughly disinfected as after other infectious diseases.

SANATORIA.

Proper Sanatoria for the open air treatment of Consumption ought to be provided by the Boards of Guardians, instead of sending consumptives as at present to the general infirmaries. At a meeting of the representatives of the Metropolitan Guardian Boards at St. Martin's Town Hall last year, this subject was discussed and agreed to and referred to the Local Government Board, with a view to the necessary steps being taken by that Board for the carrying out of the proposal. This Council as Sanitary Authority might assist by writing to the Guardian Boards of the Borough and the Local Government Board, advocating the above proposal.

BACTERIOLOGICAL EXAMINATION OF SPUTUM.

As the sputum or expectoration of consumptives often contains large numbers of the germs of tuberculosis, before a certain diagnosis can be made by other methods of examination, and prevention and cure can be more successfully carried out in the early stages of the disease, it is desirable that the Medical practitioners of the Borough should have facilities for this bacteriological examination given them by the Council.

I have on previous occasions referred to the general Sanitary measures that assist in the prevention of consumption.

LEAFLET.

I am glad to report that the Council has consented to a leaflet giving hints on its prevention being circulated in the Borough. This leaflet is now being printed.

INFLUENZA.

Influenza was the assigned cause of 24 deaths, rather more than the preceding year, when it was 21.

In St. Sepulchre no death was assigned to this cause, and in Glasshouse Yard only 1.

In London the number of deaths referred to influenza was 1,950, which is the highest number recorded since 1895.

ZYMOTIC DISEASES.

During the year the number of deaths from the seven principal Zymotic diseases ("Typhus," "Enteric" or "Typhoid" and "Simple continued fever" being classed by the Registrar-General under the heading of "Fever"), and the death-rate per 1,000 from these diseases were:—

| | Number. | Zymotic death-rate. |
|---|---------|---------------------|
| Holborn District Board of Works | 69 | 2.35 |
| Holborn Sub-District of the Borough | 65 | 2.37 |
| St. Sepulchre | 4 | 1.85 |
| Glasshouse Yard | | |
| The corresponding number and rate for London was | 10,034 | 2.19 |

The following are the numbers of deaths from the separate diseases :—

| | Holborn District. | Holborn Sub-District. | St. Sepulchre. | Glasshouse Yard. |
|-----------------------|-------------------|-----------------------|----------------|------------------|
| Small-pox | — | — | — | — |
| Measles | 21 | 20 | 1 | — |
| Scarlet Fever... .. | 4 | 3 | 1 | — |
| Diphtheria | 5 | 4 | 1 | — |
| Whooping Cough | 10 | 10 | — | — |
| Typhoid | 4 | 3 | — | 1 |
| Typhus | — | — | — | — |
| Diarrhœa | 25 | 25 | — | — |
| Total | 69 | 65 | 3 | 1 |

In the Holborn District the number of deaths during the past five years was :—

| | 1896. | 1897. | 1898. | 1899. | 1900. |
|-----------------------|-------|-------|-------|-------|-------|
| Small-pox | 1 | — | — | — | — |
| Measles | 32 | 8 | 36 | 11 | 21 |
| Scarlet Fever | — | 4 | 2 | 3 | 4 |
| Diphtheria | 9 | 17 | 21 | 5 | 5 |
| Whooping Cough | 26 | 19 | 12 | 12 | 10 |
| Typhoid | 5 | 5 | 2 | 7 | 4 |
| Typhus | 1 | — | — | — | — |
| Diarrhœa | 19 | 35 | 29 | 26 | 25 |
| Total | 93 | 88 | 102 | 64 | 69 |

In London the deaths from these diseases have been for the past five years :—

| Year | 1896. | 1897. | 1898. | 1899. | 1900. |
|----------------------|--------|--------|--------|--------|--------|
| Small-pox | 9 | 16 | 1 | 3 | 4 |
| Measles | 3,697 | 1,929 | 3,075 | 2,143 | 1,936 |
| Scarlet Fever | 942 | 730 | 583 | 398 | 351 |
| Diphtheria | 2,683 | 2,261 | 1,772 | 1,964 | 1,558 |
| Whooping Cough... .. | 2,937 | 1,842 | 2,160 | 1,720 | 1,948 |
| Fever | 609 | 593 | 598 | 804 | 765 |
| Diarrhœa | 3,223 | 4,104 | 4,376 | 4,196 | 3,564 |
| Total | 14,100 | 11,525 | 12,565 | 11,228 | 10,186 |

NOTIFICATIONS.

During the year there were notified in the different Districts the following numbers of Infectious Diseases :—

| | Holborn District. | Holborn Sub-District. | St. Sepulchre. | Glasshouse Yard. |
|---------------------------------------|-------------------|-----------------------|----------------|------------------|
| Smallpox | — | — | — | — |
| Scarlet Fever | 96 | 90 | 5 | 1 |
| Diphtheria and Membranous Croup... .. | 65 | 55 | 9 | 1 |
| Puerperal Fever | — | — | — | — |
| Typhus Fever | — | — | — | — |
| Typhoid or Enteric | 24 | 22 | 1 | 1 |
| Continued Fever | — | — | — | — |
| Erysipelas | 40 | 36 | 4 | — |
| Totals | 225 | 203 | 19 | 3 |

In the Holborn District the numbers for the past five years have been :—

| | 1896. | 1897. | 1898. | 1899. | 1900. |
|---------------------------------------|------------|------------|------------|------------|------------|
| Smallpox | — | — | — | — | — |
| Scarlet Fever | 1 | — | — | — | — |
| Diphtheria and Membranous Croup... .. | 114 | 114 | 96 | 117 | 96 |
| Puerperal Fever | 67 | 158 | 138 | 63 | 65 |
| Typhus Fever | 2 | — | 2 | 1 | — |
| Typhoid or Enteric | 1 | — | — | — | — |
| Continued Fever | 29 | 25 | 9 | 32 | 24 |
| Erysipelas | 1 | — | — | 2 | — |
| | 65 | 42 | 38 | 43 | 40 |
| Total | 280 | 339 | 283 | 258 | 225 |

And in London the notifications have been :—

| | 1896. | 1897. | 1898. | 1899. | 1900. |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|
| Smallpox | — | — | — | — | — |
| Scarlet Fever | 225 | 104 | 32 | 29 | 87 |
| Diphtheria | 25,647 | 22,848 | 16,849 | 18,089 | 13,800 |
| Membranous Croup | 13,362 | 12,803 | 11,543 | 13,346 | 11,776 |
| Enteric or Typhoid | 446 | 389 | 312 | 338 | 209 |
| Typhus Fever... .. | 3,190 | 3,103 | 3,024 | 4,453 | 4,291 |
| Other continued Fevers | 6 | 4 | 16 | 13 | 7 |
| Puerperal Fever | 106 | 68 | 56 | 70 | 73 |
| Cholera | 277 | 264 | 247 | 326 | 237 |
| Erysipelas | 13 | 38 | 23 | 15 | 5 |
| | 6,436 | 5,794 | 5,169 | 5,606 | 4,762 |
| Totals | 49,708 | 45,415 | 37,316 | 42,285 | 35,247 |

SCARLET FEVER.

Excluding duplicate notifications 96 cases were notified, and 90 of them were removed to hospitals of the Metropolitan Asylums Board or the London Fever Hospital. Only 5 cases were notified in St. Sepulchre, of which 4 were removed to hospital, and in Glasshouse Yard only 1 case, which was removed to hospital.

There were fewer notifications of this disease both in the District and in London than in 1899.

In the first half of the year only 22 cases were notified.

The principal incidence of the disease was during the months of July, August, September and October.

Of the District cases 4 died, 1 belonging to St. Sepulchre ; and of the London cases 361 died.

A case of Scarlet Fever that was not diagnosed until desquamation had begun was the cause of 5 other cases in the same house, and a similar cause led to 2 other cases in another house.

DIPHTHERIA.

The number of cases of Diphtheria was 65, of which 9 belonged to St. Sepulchre and one to Glasshouse Yard. Of these 56 were removed to hospitals for treatment ; all the cases in St. Sepulchre and Glasshouse Yard were so removed.

The number of notifications for the three preceding years were in 1899, 65 ; in 1898, 138 ; and in 1897, 158 cases ; so that Diphtheria has much declined in the District during the past two years.

The cases were sparsely scattered throughout the District during the year.

The number of deaths from Diphtheria was 5, or a mortality of under 8 per cent. One of the deaths belonged to St. Sepulchre.

In London the number of cases notified was 11,985 (including 209 cases of Membranous Croup) and the number of deaths was 1,558 or a mortality of 13·0 per cent.

The treatment of Diphtheria by its anti-toxin continues to give improved results, especially in laryngeal and tracheotomy cases, and those that come under the treatment within two or three days of the onset of the illness.

The bacteriological examination of material from doubtful cases of Diphtheria has been continued by the Jenner (late British) Institute of Preventive Medicine. Of 84 such cases the Diphtheria bacillus was isolated in 21, and the pseudo-diphtheria bacillus, which is non-virulent to animals, was isolated in 10 cases. In the remaining cases it was not isolated. Most of the material was sent by the London Homeopathic Hospital. At the Hospital for Sick Children where also many cases of Diphtheria from various parts of London are treated, the bacteriological examination is carried out by their own staff.

TYPHOID FEVER.

During the year the number of cases notified was 24, St. Sepulchre, and Glasshouse Yard having each but one notification, in comparison with 34 in 1899, 9 in 1898 and 25 in 1897. Of the 24 cases, 4 died, including one in Glasshouse Yard.

Of these 24 cases, two were afterwards certified not to be Typhoid, and 4 cases were not contracted in the District. Three cases were probably contracted by direct infection from previous cases, during nursing or attendance on the patients.

In London there were 4,291 cases of fever notified, and 756 deaths.

MEASLES.

The number of deaths assigned to Measles was 21, including one death in St. Sepulchre. In 1899 there were only 11 deaths, and 36 in 1898. In London there were 1,936, in comparison with 2,143 in 1899 and 3,075 in 1898.

Closure of St. George the Martyr Infants' School.—Information was received on May 6th, that 119 children out of a total of 220, or 54 per cent., were absent chiefly on account of measles, or measles in the houses in which children attending the school resided. There were also many cases of whooping cough. At a meeting of the Sanitary Committee the following day, an order for the closure of the Schools till the following Monday three weeks was issued. On the opening of the School there were 8 children still away on account of measles, and 20 children on account of whooping cough, or whooping cough or measles in the house, 5 of the 28 returning, however, during the week of re-opening.

Princeton Street Board School.—Although there were many absences from this school on account of measles, I did not advise the closure of the Infants' department, as on enquiry I found that rather less than 10 per cent. of the children in that department were absent for that reason.

Information from Board Schools.—In accordance with the regulations of the School Board for London many notices giving information of the exclusion of children on account of infectious disease in the house were received. In preceding years the number of notices thus received was very few.

WHOOPIING COUGH.

The death rate in Holborn from Whooping Cough was less than that for London. The number of deaths in Holborn was only 10. There was no death in St. Sepulchre or Glasshouse Yard. All the deaths were of children under 5 years of age. The number of deaths in London was 1,948.

DIARRHŒA.

The number of deaths assigned to Diarrhœa was 25, of which 22 were of children under 5 years of age, the great majority being infants under 1 year of age, and took place in the third or summer quarter.

No death in St. Sepulchre and Glasshouse Yard was assigned to this cause.

Of 3,564 deaths assigned to Diarrhœa in London, 2,867 took place in the third quarter.

The temperature of the summer quarter was 2°·0 above the average of the preceding 129 years, and the rainfall of that quarter was less than the average.

PLAGUE.

NOTIFICATION AND PRECAUTIONARY MEASURES.

In accordance with the Regulations of the Local Government Board, dated the 19th September, 1900, Plague was made a notifiable disease, and a printed circular was at once prepared and sent to each medical practitioner practising in the District, giving information of this.

Arrangements were made with the Metropolitan Asylums Board for the removal of any case of Plague to one of their hospitals.

The London County Council made arrangements for any suspected case to be seen by Dr. James Cantlie before removal to a hospital of the Metropolitan Asylums Board.

An arrangement was also made with Dr. Klein for the bacteriological examination of material from suspected cases.

The London County Council also had premises prepared for the prompt removal of all persons who had been in contact with a plague case, where they could be isolated and placed under medical supervision until it could be ascertained whether or not any of them had been infected with the disease.

Inquiry was also made at all seamen's lodging houses, common lodging-houses and shelters in Sanitary Districts in the Eastern half of London on both sides of the Thames, for cases of sickness which might possibly prove to be plague; and all cases of sickness of a doubtful nature were enquired into by one of the Council's medical officers.

DISINFECTION.

During the year ending December, 1900, 278 rooms were fumigated and cleansed. The rooms were also stripped and limewhited where necessary.

1,928 articles were disinfected by steam, viz. :—

| | | | |
|-----|------------|--------------|---------------------------|
| 185 | Beds | 156 | Quilts |
| 15 | Mattresses | 395 | Pieces of wearing apparel |
| 74 | Bolsters | 5 | Curtains |
| 312 | Pillows | 3 | Rugs |
| 377 | Blankets | 68 | Sundries |
| 292 | Sheets | | |
| 46 | Cushions | <u>1,928</u> | <u>Total</u> |

The family shelter at 47, Northampton Road (conjointly used by the Clerkenwell Vestry), was used for sleeping accommodation by 16 families, consisting of 62 persons from this District, during the disinfection of their rooms.

SICKNESS RETURNS.

The number of cases of sickness under the care of the District Medical Officers was 1,421. In 1891 the number of cases of sickness was nearly double, viz., 2,816 and they have diminished each year since that date. Details of these are given in Table VII.

HOUSING OF THE WORKING CLASSES ACT, 1890.

UNION BUILDINGS AREA

Aylesbury Place, Clerkenwell, and Union Buildings, Holborn, Improvement Scheme, 1899.

Details of my reports on the Union Buildings Area were given in my Annual Report for the year 1899. I made a special report to the Board on the greater part of the Area in 1896.

The following are the mortality statistics for the Union Buildings Area, giving the average general death-rate, phthisis death-rate, and the zymotic death-rate for the four years, 1896-1899, inclusive. I give also the corresponding rates for the Holborn District, and for London as a whole.

This Board was not supplied with the details of deaths in the District until the year 1896, so that I can only give the statistics for the four years 1896-1899 inclusive.

The population as enumerated by the London County Council in June, 1899, viz., 817, may, I think, be fairly taken as the average of the population during the four years 1896-1899 inclusive, for although the population was greater in the beginning of 1896, the greater part of that year and in 1897 it was less on account of the closing and demolition of parts of the Area.

| | General. Death-rate. | Phthisis. Death-rate. | Zymotic. Death-rate. |
|-------------------------|-------------------------|--------------------------|-------------------------|
| Area | 48.6* | 7.96* | 6.12* |
| Holborn District | 23.4 | 3.11 | 2.89 |
| London | 19.3 | 1.77 | 2.45 |

Per 1,000 persons.

* The true death rates of the Area are most probably greater than the above high figures, because a large number of the inhabitants of that Area, when they are ill or infirm, go to Hospitals, Infirmarys, Asylums, and Workhouses, and at death the address is often given as Holborn, St. Andrew's, or some other inexact address, and these deaths therefore cannot be included as of persons belonging to the Area.

The Local Inquiry was held at the Holborn Town Hall on the 15th and 16th March, 1900. At this inquiry the past and present District Poor Law Medical Officers, Dr. Gabe and Dr. Gahagan, gave evidence of the large proportion of sickness, especially phthisis or consumption, other respiratory diseases and zymotic diseases, that had been prevalent amongst persons living in the Area. Many other witnesses (including Dr. Hamer, Assistant Medical Officer of Health to the London County Council, and myself) were also examined and cross-examined.

After the Local Inquiry a Provisional Order was made by one of Her Majesty's Principal Secretaries of State, for improving the above areas; and an Act confirming the Provisional Order was afterwards passed.

HOUSES CLOSED VOLUNTARILY, DEMOLISHED, REBUILT, &c.

First Avenue Hotel. Extension and new shops and offices in Brownlow Street, and 52, Bedford Row.

90 and 91, High Holborn. Rebuilt.

101 to 107, High Holborn. Demolished and new premises being erected.

8 and 9, Gray's Inn Passage. New warehouses completed.

51, Gray's Inn Road. New warehouses completed.

"Three Cups" public house, Sandland Street. Extended by including 21, Sandland Street.

"Duke of York," Henry Street, and 1 and 2, John's Place. Demolished for new enlarged Public House.

1, Roswell Court. House still closed for new premises.

25, Southampton Buildings (the Patent Office). Being rebuilt.

Furnival's Inn. Extension of the Prudential Life Assurance Buildings in progress.

Reid's Brewery, Clerkenwell Road. Demolished.

16 and 18, Portpool Lane. Demolished.

326 and 332, (inclusive) High Holborn, and 5 to 9, Staple Inn Buildings. Birkbeck Bank extension in progress.

17, Dorrington Street. Demolished and factory built.

81, Leather Lane. Demolished, new premises erected.

14, Leather Lane. Demolished, new premises erected.

Hatton Wall, Educational Supply Association. New premises being erected.

21 and 23, Farringdon Road. New premises (after a fire).

1 to 8, Dean Street. New premises for workshops or warehouses nearly completed.

Dean Street, West Side. New premises in course of erection.

Kingsgate Street, No. 20 to Fisher Street. Demolished.

62 to 66, Great Saffron Hill. New premises.

150 and 151, Great Saffron Hill. New premises.

109 and 111, Charterhouse Street. Cold air stores erected.

26 and 27, Charles Street. Demolished and new premises erected.

4 and 10, Kirby Street. Demolished,

Booth's Distillery, 55, Cow Cross Street. New premises completed.

HOUSE TO HOUSE INSPECTION.

| | | |
|------------------------|------------------------------|--------------------------------|
| New North Street. | Baldwin's Place. | Gray's Inn Lane. |
| Emerald Street. | Dove Court. | Leather Lane. |
| Leigh Street. | Half Moon Court. | Great Saffron Hill. |
| Eagle Street. | Union Terrace and Buildings. | Little Saffron Hill. |
| Drake Street. | Italian Colony, viz. :— | Charles Street (greater part). |
| Robert Street (part). | Eyre Street Hill. | Cross Street. |
| Lambs Conduit Passage. | Eyre Court. | Mitre Court. |
| Red Lion Passage. | Eyre Place. | Hat and Mitre Court. |
| Castle Court. | Eyre Terrace. | Peter's Lane. |
| Fulwoods Rents. | Summer Street. | Pump Court. |
| Portpool Lane (part). | Summer Court. | White Horse Alley. |
| Verulam Street. | Fleet Row. | Glasshouse Yard. |
| Providence Place. | Back Hill (part). | Union Place. |

All the above below Cross Street are in St. Sepulchre and Glasshouse Yard.

HOUSES LET IN LODGINGS.

The following is a list of the houses let in lodgings that are now on the register and the number of tenements in each :—

HOLBORN DISTRICT BOARD OF WORKS.

| | |
|----------------------------------|------------------------------------|
| Leather Lane Buildings 48 | 7 Baldwin's Place 7 |
| 14 Emerald Street 6 | 8 do. 4 |
| 16 do. 6 | 11 Verulam Street 4 |
| 18 do. 4 | 15 do. 3 |
| 20 do. 1 | 16 do. 6 |
| 22 do. 6 | 17 do. 5 |
| 24 do. 1 | 18 do. 4 |
| 22 Princeton Street 4 | 19 do. 5 |
| 24 Princeton Street 1 | 20 do. 6 |
| 26 Red Lion Street 5 | 21 do. 6 |
| 58 do. 5 | 6 Half Moon Court 5 |
| 1 Mitre Court 6 | 7 do. 9 |
| 2 do. 3 | 8 do. 8 |
| 3 do. 3 | 9 do. 10 |
| 4 do. 3 | 19 and 21 Portpool Lane 13 |
| 9 Eagle Street 11 | 1 Dove Court 4 |
| 20 do. 3 | 2 do. 4 |
| 28 do. 7 | 3 do. 4 |
| 45 do. 7 | 4 do. 4 |
| 46 do. 11 | 4 Leigh Street 4 |
| 53 do. 7 | 8 do. 4 |
| 4A Charles Street 5 | 4 Devonshire Street 7 |
| 5 Castle Court 7 | 52 do. 7 |
| 6 do. 6 | 17 Lambs Conduit Passage 10 |
| 21 Fulwoods Rents 7 | 2 New North Street 6 |
| Evelyn Buildings 47 | 20 do. 9 |
| 63 Mount Pleasant 4 | 21 do. 10 |
| 1 Baldwin's Place 6 | 22 do. 9 |
| 2 do. 4 | 5 Red Lion Passage 5 |
| 3 do. 4 | 13 Little Saffron hill 10 |
| 4 do. 4 | 9 Drake Street 7 |
| 5 do. 7 | 10 do. 4 |
| 6 do. 4 | |

SAINT SEPULCHRE.

| | |
|----------------------------------|------------------------|
| 11 and 12 Peter's Lane 13 | 3 Mitre Court 3 |
| 1 Mitre Court 6 | 4 do. 3 |
| 2 do. 3 | |

These are now in the Metropolitan Borough of Finsbury.

The following have been transferred from the Clerkenwell Vestry to the Holborn Borough:—

| | | |
|-------------------------|------------------|------------------|
| 47 Mount Pleasant | 38 Warner Street | 48 Warner Street |
| 49 Mount Pleasant | 40 Warner Street | 50 Warner Street |
| 9 Little Bath Street | 42 Warner Street | 52 Warner Street |
| 32 and 34 Warner Street | 44 Warner Street | |

COMMON LODGING-HOUSES.

| | |
|--|--|
| 18 Fulwood's Rents, Holborn ... 50 lodgers | 19 Fulwood's Rents, Holborn ... 32 lodgers |
| 20 Fulwood's Rents, " ... 114 " | 4 Greville Street, " ... 55 " |
| 40 Eagle Street, " ... 50 " | 7 Little Saffron Hill, " ... 12 " |
| 7 Castle Street, " ... 57 " | 65 Mount Pleasant, " ... 9 " |
| 12 Took's Court, " ... 70 " | 39 Hatton Wall, " ... 101 " |
| 13 Took's Court, " ... 61 " | 28 Red Lion Square, " ... 70 " |

These are under the supervision of the London County Council.

BAKEHOUSES.

| | |
|-------------------------------|---|
| 92 Theobald's Road. | 13 Leigh Street. |
| 124 Theobald's Road. | 58 Leather Lane. |
| 136 Theobald's Road. | 70 Leather Lane. |
| 19 Red Lion Street. | 172 Clerkenwell Road. |
| 50 Red Lion Street. | 1 Greville Street. |
| 74 Red Lion Street. | 14 Mount Pleasant (transferred to St. Pancras). |
| 6 Lambs Conduit Street (two). | 5 Goswell Road (transferred to Finsbury). |
| 28 Lambs Conduit Street. | 56 St. John Street (transferred to Finsbury). |
| 50 Lambs Conduit Street. | 36 Warner Street (transferred from Finsbury). |
| 17 New North Street. | |
| 8 High Holborn. | |
| 9 Cosmo Place. | |
| 33 Great Ormond Street. | |

All are underground bakehouses with the exception of the one at 74, Red Lion Street, and one of the two at 6, Lambs Conduit Street.

All have been inspected at least twice during the year.

SLAUGHTERHOUSES.

| | |
|---------------------|------------------------------------|
| 29 Red Lion Street. | Yorkshire Grey Yard, Eagle Street. |
|---------------------|------------------------------------|

COW SHED.

Union Buildings, Leather Lane.

FACTORIES AND WORKSHOPS.

Summary of Sanitary work done during 1900 under the Factory and Workshops Acts, 1878-1895, and under the Public Health (London) Act, 1891.

| | Inspector Bennett. | Inspector McQuinn. | Inspector Freeman. | Total. |
|--|--------------------|--------------------|--------------------|--------|
| Workshops Inspected | 98 | 73 | 1,040 | 1,211 |
| " Notices served | 21 | 19 | 41 | 81 |
| " New drainage | 2 | 5 | 40 | 47 |
| " Additional Water-closet accommodation | 1 | 17 | 23 | 41 |
| " Overcrowding | 4 | — | 2 | 6 |
| " Dirty condition | 10 | 2 | 28 | 40 |
| Complaints received from H. M. Inspector of Factories | 6 | — | 4 | 10 |

SANITARY WORK.

The following is an abstract of Nuisances abated and Sanitary Work accomplished during the year ending December 31st, 1900.

| | Inspector Bennett. | Inspector McQuinn. | Inspector Freeman. | Total |
|--|-----------------------|-----------------------|-----------------------|-------|
| Written complaints received attention | 64 | 23 | 21 | 108 |
| Premises inspected and reinspected | 3,014 | 2,772 | 2,860 | 8,646 |
| Preliminary Notices served for the abatement of Nuisances | 145 | 81 | 63 | 289 |
| Statutory Notices do. | 14 | 12 | 6 | 32 |
| Houses have been cleaned, repaired, limewhited, &c. | 213 | 230 | 284 | 724 |
| Houses have had their overcrowding abated | 13 | 156 | 23 | 192 |
| Underground rooms illegally and separately occupied have been closed | 14 | 3 | 0 | 17 |
| Rooms disinfected and cleansed after infectious disease... .. | 138 | 97 | 53 | 278 |
| New drains have been laid | 80 | 23 | 60 | 163 |
| Drains repaired, ventilated, &c. | 28 | 18 | 16 | 62 |
| Waterclosets reconstructed | 128 | 35 | 137 | 300 |
| New waterclosets constructed... .. | 20 | 50 | 76 | 146 |
| Waterclosets cleansed and repaired | 120 | 165 | 132 | 417 |
| Waterclosets supplied with water | 212 | 56 | 164 | 432 |
| Houses supplied with water for domestic purposes after water being cut off | 6 | 3 | 4 | 13 |
| Yards repaved and repaired | 39 | 12 | 14 | 75 |
| Dustbins repaired and provided | 28 | 176 | 24 | 428 |
| Accumulations of offensive refuse have been removed | 28 | 7 | 45 | 80 |
| Bakehouses inspected twice during year | 14 | 5 | 2 | 21 |
| Notices received for the removal of dust | — | — | — | 630 |
| Houses registered as "Houses let in lodgings" inspected monthly | 31 | 28 | 8 | 67 |

Also a considerable amount of Sanitary Work has been done in the District such as new buildings, etc., without notices being served.

THE MEAT MARKET.

The Meat Market is in the Parish of St. Sepulchre, now in the Metropolitan Borough of Finsbury.

During the past five years the amount of meat seized, offal excluded, was:—

| YEAR. | DISEASED. | | DECOMPOSED. | | TOTAL. | |
|--------------------------------|-----------|------|-------------|------|---------|------|
| | Stones. | Lbs. | Stones. | Lbs. | Stones. | Lbs. |
| 1st Quarter | 4069 | 3 | 378 | 4 | 4447 | 7 |
| 2nd " | 710 | 1 | 1215 | 4 | 1925 | 5 |
| 3rd " | 653 | 6 | 3476 | 4 | 4130 | 2 |
| 4th " | 1701 | 5 | 311 | 3 | 2013 | 0 |
| Total for the year 1896 | 7134 | 7 | 5381 | 7 | 12516 | 6 |
| Total for the year 1897 | 1881 | 2 | 2331 | 0 | 4212 | 2 |
| Total for the year 1898 | 1012 | 6 | 3316 | 1½ | 4528 | 7½ |
| Total for the year 1899 | 888 | 6 | 3101 | 4 | 3990 | 2 |
| 1900. | | | | | | |
| 1st Quarter | 337 | 0 | 21 | 0 | 358 | 0 |
| 2nd " | 653 | 3 | 739 | 7 | 1393 | 2 |
| 3rd " | 54 | 0 | 427 | 4 | 481 | 4 |
| 4th " | 205 | 3 | 427 | 2 | 632 | 5 |
| Total for the year 1900 | 1249 | 6 | 1615 | 5 | 2865 | 3 |

These figures show the marked change that has been effected in the Meat Market; the amount of diseased meat "seized" in 1897 being little more than a quarter of that of the previous year; in 1898 the amount was less than one-fourth of that "seized" in the first quarter of 1896, and in 1899 still less.

In 1900 the increase is due to the seizure of 132 Dutch calves. In preceding years they have been also decomposed and included amongst the decomposed meat.

In 1896 80 tubercular carcasses of beef and 6 of pork were seized.

In 1897 16 tubercular carcasses of beef were seized.

In 1898 6 tubercular carcasses and 2 top pieces of beef were seized.

In 1899 3 tubercular carcasses of beef were seized.

In 1900 1 tubercular carcase of beef and 1 of pork were seized.

DISEASED MEAT AND OFFAL SEIZED DURING 1900.

| | |
|------------------------|---------------------|
| 14 quarters of beef. | 6 pieces of bacon. |
| 11 carcasses of pork. | 58 bullock's lungs. |
| 132 carcasses of veal. | 1 bullock's tongue. |
| 4 carcasses of stirks. | 1 bullock's head. |
| 1,961 sheep's livers. | 1 bullock's heart. |
| 40 bullock's livers. | 2 sides of beef. |
| 1 carcase of lamb. | 24 sheep's lungs. |

Total weight (less offal) 1,249 stons 6 lbs.

DECOMPOSED MEAT AND OFFAL SEIZED DURING 1900.

| | |
|-------------------------------|--------------------------------------|
| 17 quarters of beef. | 42 calves' heads. |
| 623½ stons of beef. | 4 calves' hearts. |
| 3 carcasses of mutton. | 5 pig's plucks. |
| 4 quarters of mutton. | 37 pig's livers. |
| 19 pieces of mutton. | 37 pig's lungs. |
| 2 stone of scragg of lamb. | 79 lamb's heads. |
| 7 carcasses of pork. | 45 lamb's livers. |
| 2 quarters of pork. | 5 cases of bullock's kidneys. |
| 21 pieces of pork. | 11 pig's plucks. |
| 2 carcasses of stirk. | 3 cases of pig's kidneys. |
| 4 quarters of veal. | 3 cases of sheep's heads and plucks. |
| 15 pieces of veal. | 9 cases of rabbits. |
| 472 bullock's livers. | 10 cases of eggs. |
| 17 bullock's heads. | 20½ barrels of tripe. |
| 5 bullock's melts. | 48 barrels of pig's kidneys. |
| 89 bullock's hearts. | 2 barrels of pig's livers. |
| 5 bullock's tongues. | 3 barrels of bullock's tripe. |
| 150 bullock's tripes. | 8 barrels of pig's plucks. |
| 3 bullock's plucks. | 1 barrel of calves' tongue. |
| 210 pairs of bullock's lungs. | 9½ stone of ox kidneys. |
| 5 stone of veal. | 9 hampers of chitterlings. |
| 1,069 sheep's livers. | 1 hamper of bullock's lungs. |
| 361 sheep's heads. | 45 receptacles of mixed offal. |
| 1,342 sheep's plucks. | 14 turkeys. |
| 6 sheep's hearts. | 1 tin of lobster. |
| 70 calves' plucks | |

Total weight (less offal) 1,614 st. 7 lbs.

| | st. | lbs. |
|-------------------------------|--------------|---------------------|
| Diseased (meat only) | 1,249 | 6 |
| Decomposed (meat only) | 1,615 | 5 |
| | <u>2,865</u> | <u>3</u> |
| Grand total | 2,865 st. | 3 lb. = 22,923 lbs. |

SMOKE INSPECTION.

There are 56 furnaces and boilers on the register, and periodical inspection is made of them to see that they are in proper working order, and consume their own smoke. There are nine kinds of smoke consumers in the District which are as follows:—

| | |
|---------------------------------|-----------|
| Ventilated doors | 12 |
| Martin's Patent | 4 |
| Dr. Annan's Patent | 3 |
| Nicholson's Patent | 3 |
| Caddy's Patent Bars | 2 |
| Jukes' Patent | 2 |
| Galloway's Patent | 6 |
| Gregory & Veal's Patent | 1 |
| Gosling's Patent | 2 |
| Total of smoke consumers | <u>35</u> |

The same as last year.

The number of furnaces and boilers without smoke consumers is 21. Nine intimation and five Statutory notices were served to abate smoke nuisances, and were all complied with. In several cases the owners were written to and cautioned not to allow the nuisance to recur. In one case the stoker of the furnace was discharged for his negligence.

THE MORTUARY.

There were 129 bodies brought into the Mortuary from 1st January to December 31st, 1900; in 1899 the number was 158. Coroner's inquests were held on 57 of these. The verdicts were:—

| | |
|-------------------------|-----------|
| Natural causes | 50 |
| Accidental death | 3 |
| Suffocation | 3 |
| Suicide | 1 |
| Total | <u>57</u> |

METEORLOGY.

Details are given in Table VIII.

The mean temperature for the year was 50·4 F., or 1·6 F. above the mean of the preceding 129 years. The rainfall was 22·32 inches, being 2·51 below the average of the preceding 85 years.

LEGAL PROCEEDINGS.

A list of the Legal Proceedings for diseased and unsound food is given in Table IX.

For Nuisance Cases in Table X.

And Proceedings under the Sale of Food and Drugs Acts in Table XI.

I am, Gentlemen,

Your obedient Servant,

W. A. BOND.

TABLE I.

NAME OF DISTRICT—HOLBORN (BOARD OF WORKS).

For whole District.

| YEAR. | Population estimated to Middle of each Year. | BIRTHS. | | DEATHS UNDER ONE YEAR OF AGE. NETT. | | DEATHS AT ALL AGES. TOTAL. | | DEATHS IN PUBLIC INSTITUTIONS. | Deaths of Non-residents registered in District. | Deaths of Residents registered beyond District. | DEATHS AT ALL AGES. NETT. | |
|------------------------------|--|---------|--------|-------------------------------------|----------------------------------|----------------------------|--------|--------------------------------|---|---|---------------------------|--------|
| | | Number. | Rate.* | Number. | Rate per 1,000 Births registered | Number. | Rate.* | | | | Number. | Rate.* |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1890 | 33,462 | 916 | 26.9 | 204 | 223 | 953 | 28.0 | 317 | 268 | 282 | 967 | 28.4 |
| (53 weeks) | | | | | | | | | | | | |
| 1891 | 33,153 | 917 | 27.7 | 209 | 228 | 1,058 | 32.0 | 384 | 318 | 283 | 1,023 | 30.9 |
| 1892 | 32,709 | 885 | 27.1 | 187 | 211 | 917 | 28.1 | 389 | 312 | 292 | 897 | 27.5 |
| 1893 | 32,264 | 864 | 26.9 | 185 | 214 | 967 | 30.1 | 423 | 374 | 293 | 886 | 27.5 |
| 1894 | 31,820 | 832 | 26.2 | 150 | 180 | 787 | 24.8 | 386 | 358 | 231 | 660 | 20.8 |
| 1895 | 31,375 | 821 | 26.2 | 174 | 212 | 831 | 26.6 | 336 | 295 | 274 | 810 | 25.9 |
| 1896 | 31,102 | 895 | 28.3 | 169 | 189 | 782 | 24.8 | 350 | 315 | 242 | 709 | 22.4 |
| (53 weeks) | | | | | | | | | | | | |
| 1897 | 30,680 | 791 | 25.9 | 143 | 181 | 793 | 25.9 | 413 | 382 | 279 | 690 | 22.6 |
| 1898 | 30,263 | 813 | 26.9 | 178 | 219 | 841 | 27.9 | 420 | 376 | 272 | 737 | 24.5 |
| 1899 | 29,853 | 725 | 24.4 | 162 | 223 | 845 | 28.4 | 442 | 409 | 280 | 716 | 24.1 |
| Averages for years 1890-1899 | 31,668 | 846 | 26.7 | 176 | 208 | 877 | 27.7 | 386 | 341 | 273 | 810 | 25.5 |
| 1900 | 29,448 | 744 | 25.3 | 174 | 234 | 799 | 27.2 | 366 | 334 | 284 | 749 | 25.5 |

* Rates calculated per 1,000 of estimated population.

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

By the term "Non-residents" is meant persons brought into the district on account of illness, and dying there; and by the term "Residents" is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

| | |
|---|---------------------------|
| Area of District in acres (exclusive of area covered by water) | 163 |
| Total population at all ages | 33,414 at Census of 1891. |
| Number of inhabited houses | 3,437 |
| Average number of persons per house | 9.7 |

TABLE III.

Cases of Infectious Disease notified during the Year 1900.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE DISTRICT. | | | | | | | TOTAL CASES NOTIFIED IN EACH LOCALITY. | | | NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY. | | |
|---------------------------|-----------------------------------|----------------|---------|----------|-----------|-----------|-----------------|--|---------------|------------------|--|---------------|------------------|
| | At all Ages. | At Ages—Years. | | | | | | Holborn Sub-division. | St. Sepulchre | Glasshouse Yard. | Holborn Sub-division. | St. Sepulchre | Glasshouse Yard. |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 65. | 65 and upwards. | | | | | | |
| Smallpox | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cholera | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Diphtheria | 65 | — | 23 | 27 | 9 | 6 | 55 | 9 | 1 | 46 | 9 | 1 | |
| Membranous Croup | — | — | — | — | — | — | — | — | — | — | — | — | |
| Erysipelas | 40 | — | 3 | 2 | 6 | 24 | 36 | 4 | — | 15 | — | — | |
| Scarlet Fever | 96 | — | 30 | 53 | 8 | 5 | 90 | 5 | 1 | 85 | 4 | 1 | |
| Typhus Fever | — | — | — | — | — | — | — | — | — | — | — | — | |
| Enteric Fever | 24 | 1 | — | 6 | 8 | 9 | 22 | 1 | 1 | 17 | 1 | — | |
| Relapsing Fever | — | — | — | — | — | — | — | — | — | — | — | — | |
| Continued Fever | — | — | — | — | — | — | — | — | — | — | — | — | |
| Puerperal Fever | — | — | — | — | — | — | — | — | — | — | — | — | |
| Plague | — | — | — | — | — | — | — | — | — | — | — | — | |
| Totals | 225 | 1 | 56 | 88 | 31 | 44 | 203 | 19 | 3 | 163 | 14 | 2 | |

NOTE.—The Hospitals of the Metropolitan Asylums Board are used for the treatment of infectious cases.

TABLE IV.
HOLBORN DISTRICT.
Causes of, and Ages at, Death during Year 1900.

| CAUSES OF DEATH. | DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES. | | | | | | | DEATHS IN LOCALITIES (AT ALL AGES). | | | DEATHS IN PUBLIC INSTITUTIONS. |
|--|---|----------|----------------|-----------------|------------------|------------------|-----------------|-------------------------------------|----------------|------------------|--------------------------------|
| | All Ages. | Under 1. | 1 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 65. | 65 and upwards. | Holborn. | St. Sepulchre. | Glasshouse Yard. | |
| Small-pox | — | — | — | — | — | — | — | — | — | — | — |
| Measles | 21 | 7 | 10 | 4 | — | — | — | 20 | 1 | — | 3 |
| Scarlet Fever | 4 | — | 2 | 1 | — | — | — | 3 | 1 | — | 4 |
| Whooping Cough... .. | 10 | 4 | 6 | — | — | — | — | 10 | — | — | 2 |
| Diphtheria and Membranous Croup | 5 | 1 | 4 | — | — | — | — | 4 | 1 | — | 4 |
| Croup | — | — | — | — | — | — | — | — | — | — | — |
| Fever { Typhus | — | — | — | — | — | — | — | — | — | — | — |
| Enteric | 4 | 1 | — | — | 1 | 2 | — | 3 | — | 1 | 3 |
| Other Continued | — | — | — | — | — | — | — | — | — | — | — |
| Epidemic Influenza | 24 | — | 1 | — | 1 | 13 | 9 | 23 | — | 1 | 9 |
| Cholera | — | — | — | — | — | — | — | — | — | — | — |
| Plague | — | — | — | — | — | — | — | — | — | — | — |
| Diarrhœa | 25 | 17 | 5 | — | — | 1 | 2 | 25 | — | — | 7 |
| Enteritis | 2 | — | 1 | — | — | 1 | — | 2 | — | — | 1 |
| Puerperal Fever | 1 | — | — | — | — | 1 | — | 1 | — | — | 1 |
| Erysipelas | — | — | — | — | — | — | — | — | — | — | — |
| Other Septic Diseases | 3 | 2 | — | — | — | 1 | — | 3 | — | — | 2 |
| Phthisis | 84 | 1 | 4 | 2 | 8 | 69 | — | 79 | 4 | 1 | 49 |
| Other Tubercular Diseases | 26 | 11 | 12 | 2 | — | 1 | — | 26 | — | — | 6 |
| Cancer, Malignant Disease | 23 | — | — | — | — | 17 | 6 | 22 | 1 | — | 14 |
| Bronchitis | 101 | 19 | 10 | 1 | — | 35 | 36 | 96 | 4 | 1 | 38 |
| Pneumonia... .. | 85 | 20 | 7 | — | 3 | 38 | 17 | 79 | 5 | 1 | 39 |
| Pleurisy | 9 | 2 | — | — | — | 5 | 2 | 8 | — | 1 | 5 |
| Other Diseases of Respiratory Organs | — | — | — | — | — | — | — | — | — | — | — |
| Alcoholism | — | — | — | — | — | — | — | — | — | — | — |
| Cirrhosis of Liver } | 15 | — | — | — | — | 13 | 2 | 15 | — | — | 6 |
| Veneral Diseases... .. | 2 | 2 | — | — | — | — | — | 2 | — | — | 2 |
| Premature Birth | 25 | 25 | — | — | — | — | — | 24 | 1 | — | 2 |
| Diseases and Accidents of Parturition | 2 | — | — | — | 1 | 1 | — | 2 | — | — | 1 |
| Heart Diseases | 63 | — | — | 2 | 2 | 36 | 23 | 60 | 3 | — | 27 |
| Accidents | 16 | 3 | 1 | 1 | 2 | 6 | 3 | 14 | 2 | — | 10 |
| Suicides | 3 | — | — | — | — | 3 | — | 3 | — | — | 2 |
| All other causes | 196 | 59 | 8 | 4 | 3 | 56 | 66 | 183 | 8 | 5 | 87 |
| All causes | 749 | 174 | 71 | 17 | 22 | 299 | 166 | 707 | 31 | 11 | 324 |

TABLE IVa.
Metropolitan Borough of Finsbury—St. Sepulchre and Glasshouse Yard District.
Causes of, and Ages at, Death during Year 1900.

| CAUSES OF DEATH. | DEATHS IN WHOLE DISTRICTS AT SUBJOINED AGES. | | | | | | | DEATHS IN LOCALITIES AT ALL AGES. | | DEATHS IN PUBLIC INSTITUTIONS. |
|--|--|----------|----------------|-----------------|------------------|------------------|-----------------|-----------------------------------|------------------|--------------------------------|
| | All ages. | Under 1. | 1 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 65. | 65 and upwards. | St. Sepulchre. | Glasshouse Yard. | |
| Small-pox | — | — | — | — | — | — | — | — | — | — |
| Measles | 1 | — | — | 1 | — | — | — | 1 | — | — |
| Scarlet Fever | 1 | — | — | — | 1 | — | — | 1 | — | 1 |
| Whooping Cough | — | — | — | — | — | — | — | — | — | — |
| Diphtheria and Membranous Croup | 1 | — | 1 | — | — | — | — | 1 | — | 1 |
| Croup | — | — | — | — | — | — | — | — | — | — |
| Fever { Typhus | — | — | — | — | — | — | — | — | — | — |
| Enteric | 1 | — | — | — | — | 1 | — | — | 1 | 1 |
| Other continued | — | — | — | — | — | — | — | — | — | — |
| Epidemic Influenza | 1 | — | — | — | — | — | 1 | — | 1 | — |
| Cholera | — | — | — | — | — | — | — | — | — | — |
| Plague | — | — | — | — | — | — | — | — | — | — |
| Diarrhœa | — | — | — | — | — | — | — | — | — | — |
| Enteritis | — | — | — | — | — | — | — | — | — | — |
| Puerperal Fever | — | — | — | — | — | — | — | — | — | — |
| Erysipelas | — | — | — | — | — | — | — | — | — | — |
| Other Septic Diseases | — | — | — | — | — | — | — | — | — | — |
| Phthisis | 5 | — | 1 | 1 | — | 3 | — | 4 | 1 | 2 |
| Other Tubercular Diseases | — | — | — | — | — | — | — | — | — | — |
| Cancer, Malignant Disease | 1 | — | — | — | — | 1 | — | 1 | — | 1 |
| Bronchitis | 6 | 1 | 1 | — | — | 1 | 3 | 5 | 1 | 2 |
| Pneumonia | 6 | 2 | — | — | 1 | 2 | 1 | 5 | 1 | 3 |
| Pleurisy | 1 | — | — | — | 1 | — | — | — | 1 | — |
| Other Diseases of Respiratory Organs | — | — | — | — | — | — | — | — | — | — |
| Alcoholism | — | — | — | — | — | — | — | — | — | — |
| Cirrhosis of Liver } | — | — | — | — | — | — | — | — | — | — |
| Veneral Diseases | — | — | — | — | — | — | — | — | — | — |
| Premature birth | 1 | 1 | — | — | — | — | — | 1 | — | — |
| Diseases and Accidents of Parturition | — | — | — | — | — | — | — | — | — | — |
| Heart Diseases | 3 | — | — | — | — | 2 | 1 | 3 | — | 1 |
| Accidents | 1 | — | — | — | — | — | 1 | 1 | — | 1 |
| Suicides | — | — | — | — | — | — | — | — | — | — |
| All other causes | 13 | 4 | 1 | 1 | 1 | 2 | 4 | 8 | 5 | 9 |
| All causes | 42 | 8 | 4 | 3 | 4 | 12 | 11 | 31 | 11 | 22 |

TABLE V.

Deaths of Persons belonging to the District in Outlying Institutions, &c., 1900.

| | | | |
|-----------------------------------|----|--|---|
| Holborn Workhouse, Hoxton | 74 | Endell Street Lying-in Hospital | 1 |
| " " Mitcham | 16 | North Eastern Fever " | 1 |
| " Infirmary | 74 | St. Thomas " | 1 |
| City of London Infirmary | 4 | Home Hospital, Hampstead | 1 |
| St. Pancras " | 1 | Caterham Asylum | 5 |
| City of London Workhouse | 1 | Leavesden " | 3 |
| St. Giles " | 2 | Banstead " | 3 |
| Royal Free Hospital | 11 | Hanwell " | 3 |
| Brompton " | 1 | Ilford " | 1 |
| St. Bartholomew's Hospital | 20 | City of London Asylum | 1 |
| German " | 1 | London County " | 1 |
| North Western Fever " | 6 | Darenth " | 2 |
| King's College " | 27 | Dartford " | 1 |
| University " | 3 | Mornington Lodge, Maida Vale | 1 |
| Guy's " | 1 | Board School, Compton Street | 1 |
| Charing Cross " | 1 | On L. B. & S. C. Ry. (Streatham Hill) | 1 |
| St. George's " | 3 | River Thames... .. | 1 |
| Middlesex " | 2 | 7, Stacy Street, St. Giles | 1 |
| French " | 5 | 4, Denzell Street | 1 |
| Westminster " | 1 | H.M. Prison, Pentonville | 1 |
| Western " | 1 | | |

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TABLE VI.

Infectious Diseases Return for 52 weeks ending December, 1900.

| DATE. | 2 weeks ending— | 6 Jan. | 20 Jan. | 3 Feb. | 17 Feb. | 3 March. | 17 March. | 31 March. | 14 April. | 28 April. | 12 May. | 26 May. | 9 June. | 23 June. | 7 July. | 21 July. | 4 August. | 18 August. | 1 Sept. | 15 Sept. | 29 Sept. | 13 October. | 27 October. | 10 Nov. | 24 Nov. | 8 Dec. | 22 Dec. | 29 Dec. |
|---------------------------------|-----------------|--------|---------|--------|---------|----------|-----------|-----------|-----------|-----------|---------|---------|---------|----------|---------|----------|-----------|------------|---------|----------|----------|-------------|-------------|---------|---------|--------|---------|---------|
| Small Pox. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Scarlatina and Scarlet Fever | — | — | 1 | 4 | 1 | 2 | 2 | 1 | 4 | 1 | 1 | 5 | 3 | 3 | 8 | 1 | 10 | 4 | 4 | 9 | 6 | 4 | 5 | 6 | 3 | 4 | 4 | — |
| Diphtheria and Membranous Croup | — | 1 | 4 | 2 | 2 | 3 | 6 | 1 | 4 | 5 | 5 | — | 4 | 2 | 1 | 2 | 4 | 3 | 1 | 1 | — | 3 | 1 | 4 | 2 | 2 | 1 | 1 |
| Typhoid Fever and Enteric Fever | — | 2 | 3 | 2 | — | — | 1 | — | — | 1 | — | — | 3 | — | 1 | 1 | 1 | 1 | 1 | 1 | — | 1 | 1 | 1 | 1 | 1 | — | 1 |
| Erysipelas | — | 1 | 1 | 2 | 2 | — | — | — | — | 2 | 1 | 2 | 2 | — | 2 | — | 4 | 5 | — | 1 | 1 | 3 | 2 | 3 | 2 | — | — | — |
| Typhus Fever. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Puerperal Fever. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Continued Fever. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

TABLE VII.

Cases of Sickness under the care of the District Medical Officers during the 52 weeks ending 29th December, 1900.

| Names of the Medical Officers. | Small Pox. | Chicken Pox. | Measles. | Scarlatina. | Diphtheria. | Whooping Cough. | Diarrhoea and Dysentery. | Cholera. | Continued Fever (Typhus & Typhoid). | Erysipelas. | Influenza. | Puerperal Fever. | Carbuncle. | Acute Pulmonary Inflammation. | | | | Rheumatic Fever. | Ague. | Delirium Tremens. | Insanity. | Syphilis. | Congenital Syphilis. | Lead Poison. | Other Diseases. | Total. | | |
|--------------------------------|------------|--------------|----------|-------------|-------------|-----------------|--------------------------|----------|-------------------------------------|-------------|------------|------------------|------------|-------------------------------|-----------|------------|------------------|------------------|-------|-------------------|-----------|-----------|----------------------|--------------|-----------------|--------|------|---|
| | | | | | | | | | | | | | | Bronchitis and Catarrh. | Pleurisy. | Pneumonia. | Rheumatic Fever. | | | | | | | | | | | |
| Dr. GABE.. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mr. TAYLOR .. | — | — | 1 | 1 | — | 2 | 5 | — | — | 1 | — | — | 3 | 96 | 2 | 5 | 22 | — | — | — | 7 | — | — | — | — | 317 | 472 | |
| Mr. GAHAGAN.. | — | — | 19 | 1 | — | 12 | 26 | — | — | — | 85 | — | — | 215 | 10 | 1 | 34 | — | — | — | 7 | — | — | — | — | 539 | 949 | |
| Total .. | — | — | 20 | 2 | — | 14 | 31 | — | — | 1 | 85 | — | 3 | 311 | 12 | 6 | 66 | — | — | — | 14 | — | — | — | — | 856 | 1421 | |

TABLE VIII.

| 1900. MONTHS. | Mean Reading of the Barometer. | TEMPERATURE OF THE AIR. | | | | | | | | RAIN. | |
|------------------|--------------------------------------|-------------------------|------------------------|-----------------------|----------------------------|---------------------------|-------------------------|---------------------------|--|-------------------------------|---------------------------|
| | | Highest by Day. | Lowest by Night. | Range in Month. | Mean of all Highest. | Mean of all Lowest. | Mean Daily Range. | Mean for the Month. | Departure from Average of 129 Years, 1771-1899. | Number of Days it Fell. | Amount Col- lected. |
| January ... | in. 29.746 | 53.0 | 25.9 | 27.1 | 45.0 | 35.1 | 9.9 | 40.5 | +3.7 | 22 | in. 2.28 |
| February ... | 29.402 | 58.9 | 18.0 | 40.9 | 43.5 | 33.2 | 10.3 | 38.2 | -0.6 | 19 | 3.58 |
| March ... | 29.835 | 55.3 | 21.6 | 33.7 | 45.0 | 33.5 | 11.5 | 38.8 | -2.4 | 13 | 0.92 |
| April ... | 29.811 | 76.1 | 25.7 | 50.4 | 56.8 | 38.8 | 18.0 | 47.4 | +1.2 | 11 | 0.92 |
| May ... | 29.807 | 71.2 | 34.7 | 36.5 | 60.7 | 43.7 | 17.0 | 51.6 | -1.0 | 9 | 1.37 |
| June ... | 29.761 | 89.4 | 45.3 | 44.1 | 69.5 | 51.3 | 18.2 | 59.5 | +1.1 | 17 | 2.82 |
| July ... | 29.837 | 94.0 | 46.3 | 47.7 | 78.3 | 56.7 | 21.6 | 66.8 | +5.1 | 5 | 1.41 |
| August ... | 29.788 | 82.1 | 45.9 | 36.2 | 70.5 | 52.8 | 17.7 | 60.6 | -0.4 | 12 | 2.03 |
| September ... | 29.958 | 82.6 | 40.4 | 42.2 | 68.8 | 48.8 | 20.0 | 57.9 | +1.3 | 6 | 1.14 |
| October ... | 29.805 | 74.2 | 35.6 | 38.6 | 58.2 | 44.0 | 14.2 | 51.1 | +1.6 | 14 | 1.55 |
| November ... | 29.571 | 62.3 | 26.8 | 35.5 | 50.8 | 41.6 | 9.2 | 46.3 | +3.7 | 19 | 2.02 |
| December ... | 29.761 | 56.3 | 30.7 | 25.6 | 49.9 | 40.3 | 9.6 | 45.5 | +6.4 | 18 | 2.28 |
| Means .. | 29.757 | 71.3 | 33.1 | 38.2 | 58.1 | 43.3 | 14.8 | 50.4 | +1.6 | 165 sum. | 22.32 sum. |

TABLE IX.

Proceedings under Public Health (London) Act, 1891, Section 47.

DISEASED AND UNSOUND FOOD.

| Date. | Name. | Address. | Offence Charged. | Result. | Inspector. |
|-----------------------|------------------------------|-------------------------------|--|---|------------|
| 1900. January 26th | William Oldham ... | Eye Green, North- ampton | Depositing for sale at 93, Charterhouse Street, four quarters of diseased beef. | Fined £20 .. | Billing |
| February 23rd | George Chaik ... | Leyton, Essex ... | Depositing for sale at 101, Charterhouse Street, two sides of diseased beef, one liver, and one pair of lungs. | Fined £20 ... | .. |
| .. 27th | Messrs. Coopman and Young | St. John's Street, Holborn | Depositing for sale at 48, St. John's Street, Hol- born, six pieces of diseased bacon. | Fined £25 ... | .. |
| .. 27th | Van Den Burgh's, Limited | 21, Mincing Lane, E.C. | Selling to Messrs. Coopman & Young, at 48, St. John's Street, Holborn, six pieces of diseased bacon. | Fined £25 ... | .. |
| June 1st ... | Walter Fisher ... | Sprowston, Norwich | Depositing for sale at 101, Charterhouse Street, two sides of diseased beef and one head. | Six weeks' im- prisonment with- out option of a fine. | .. |
| December 14th | Thomas Fisher ... | Silmer Road, Nor- wich | Depositing for sale at 101, Charterhouse Street, two quarters of diseased beef. | Three months' im- prisonment with- out option of a fine. | .. |
| .. 28th | Stephen Higgins ... | Leather Lane, Hol- born | Exposing for sale at 15, Leather Lane, two un- sound turkeys. | Fined £5 and 2s. costs. | .. |

TABLE X.

Legal Proceedings under Public Health (London) Act, 1891.

NUISANCE CASES.

| Date. | Name. | Address. | Offence. | Result. | Inspector. |
|---------------------|--------------|-------------------|--|---|------------|
| 1900. January 23 | A. Harding | 9, Ormond Yard | Failing to supply sufficient W.C. accommodation. | Case dismissed. Board appealed and decision reversed. | Bennett |
| " 24 | W. J. Pullen | 53, Eagle Street | Contravention of Board's Regulations for "Houses let in lodgings." | Withdrawn on payment of costs, £1. 13s. 6d. | Do. |
| May 3 | F. Tacchi | 4, Charles Street | Do. | Fined £1. 3s. | Freeman |
| " 18 | A. J. Walke | Evelyn Buildings | Do. | " £4 and 2s. costs. | Mc Quinn |

TABLE XI.

Proceedings under the Sale of Food and Drugs Act.

| Date. | Name. | Address. | Offence Charged. | Remarks. | Inspector. |
|---------------------|-----------------------------|--------------------------|---|---|------------|
| 1900. April 17th | Alfred E. Kersey | 11, Cursitor Street ... | Selling milk adulterated with 15 per cent. added water. | Fined £3 and 2s. costs. | Mc Quinn |
| " 18th | Callow Park Dairy Co., Ltd. | 79, Copenhagen Street | Selling milk adulterated with 15.3 per cent. added water. | Fined £1 and 2s. 6d. costs. | do. |
| May 8th ... | Mrs. E. Bray ... | 3, Devonshire Street ... | Selling butter adulterated with 70 per cent. of added fat. | Summons withdrawn on account of death of purchaser. | Bennett |
| June 6th ... | James Milbourne | 12, Beauchamp Street | Selling milk adulterated with 18 per cent. added water. | Fined £2 and 12s. 6d. costs. | Freeman |
| " " | Luigi Terroni ... | 9, Summer Street ... | Selling milk adulterated with 10 per cent. added water. | Do. do. | do. |
| October 9th | Mrs. Bregonzi ... | 11, Benjamin Street ... | Selling coffee adulterated with chicory to the extent of 33 per cent. | Fined £1 | do. |
| " 26th | Chiappa Bros. ... | 24, Eyre Street Hill ... | Selling pepper adulterated with 20 per cent. of foreign starch. | Fined £2 and 12s. 6d. costs. | do. |

