

[Report of the Medical Officer of Health for St. Giles District].

Contributors

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1897-8.

THE
BOARD OF WORKS

FOR THE

St. Giles District.

ANNUAL REPORT

FOR THE YEAR ENDING 25th MARCH, 1898.

Published pursuant to the Act 18 & 19 Vict., cap. 120.



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MAP OF THE ST GILES DISTRICT.



SCALE OF 1/2 MILE.

440

580 YARDS

Stanford's Geog. Estab. London

THE BOARD OF WORKS

FOR THE

St. Giles District

ANNUAL REPORT

FOR THE YEAR ENDING THE 25th DAY OF MARCH, 1898.

Pursuant to Section 198 of the Metropolis Management Act, 1855, this Report of the proceedings of the Board is published. It contains the following particulars :—

List of Members and Committees.

List of Officers.

General Report.

Engineer's and Surveyor's Report.

Analyst's Report.

Medical Officer of Health's Report.

1898.

LIST OF
THE MEMBERS OF THE BOARD

With their addresses and the year in which they go out of Office.

Chairman: GEORGE PHILIP WILLOUGHBY, Esq. J.P., 4, Bedford Square.

PARISH OF ST. GILES-IN-THE-FIELDS.

Names.	Addresses.	Go out of Office in
ABERCROMBIE, EDWARD ...	29, Great Queen Street.	1901
ANGEL, EDWARD	195, Shaftesbury Avenue.	1900
ANGEL, MAURICE	65, High Street.	1899
BARTER, ALFRED	19, Great Russell Street.	1900
BUSH, ALFRED... ..	83, Gower Street.	1901
BUSSELL, STANLEY J. ...	13, Gower Street.	1901
COULSON, SAMUEL JOHN ...	24, Neal Street.	1899
DAVISON, JOHN	1, Little St. Andrew Street.	1899
DEED, ALFRED	91, New Oxford Street.	1901
DEED, MARTIN... ..	91, New Oxford Street.	1900
DOLL, CHARLES FITZ-ROY ...	5, Southampton Street.	1899
FORBES-ROBERTSON, JOHN ...	22, Bedford Square.	1900
FOX, ARTHUR	239, Shaftesbury Avenue	1900
GARDINER, EDWARD JAMES ...	110, Great Russell Street.	1899
GERMAN, FREDERICK	44, Broad Street.	1900
GIBSON, WILLIAM	41, Keppel Street.	1899
GLAVE, NOLAN... ..	80, New Oxford Street.	1901
GRAYDON, JAMES LAWRENCE ...	167, Drury Lane.	1900
HAMP, THOMAS JAMES	217, High Holborn.	1900
JACKSON, ALFRED JAMES ...	107, Great Russell Street.	1901
JEWELL, HENRY	29, Little Queen Street.	1900
JOLL, BOYD BURNETT	27, Bedford Square.	1901
MATTHEWS, THOMAS WILLIAM..	6, High Street.	1899
SMITH, JAMES	15, Great Russell Street.	1901
SURREY, EDMUND	13, Great Queen Street.	1901
TACON, JOSPEH WALTER ...	277, High Holborn.	1899
UPTON, EDWARD	51, Lincoln's Inn Fields.	1899

PARISH OF ST. GEORGE, BLOOMSBURY.

Names.	Addresses.	Go out of Office in
COLEMAN, EDWARD JAMES ...	12, Woburn Square.	1899
CRAWFORD, HENRY STALKER...	122, Southampton Row.	1900
DIBDIN, ROBERT WILLIAM ...	56, Russell Square.	1901
DOUGLASS, WILLIAM TREGARTHEN	5, Upper Montague Street.	1900
GRIFFITH, SAMUEL CLEWIN ...	36, Upper Bedford Place	1901
GUDGEON, JOSHUA H. ...	40, Marchmont Street.	1899
HAINES, GEORGE WATSON ...	64, Russell Square.	1900
HARNELL, RICHARD J. ...	17, Lamb's Conduit Street.	1899
HAVERS, KENNETH ...	95, Great Russell Street.	1899
HILL, JOHN HIGHAM ...	2, Bedford Square.	1899
IZARD, JOHN GRAFTON ...	5, Bloomsbury Square.	1901
JAY, ALFRED MARSHALL ...	{ 11, Taviton Street, Gordon } Square.	1901
LATREILLE, HENRY COOPER ...	5, Bloomsbury Place.	1900
PORTER, HORATIO ...	16, Russell Square.	1900
SMITH, WILLIAM ROBERT ...	74, Great Russell Street.	1899
STILES, CHARLES ...	42, Southampton Row.	1901
THOMPSON, WILLIAM ...	23, Russell Square.	1901
THOMSON, HENRY ALEXANDER	55, Southampton Row.	1900
TURNER, CHARLES ERNEST ...	20, Bury Street.	1901
WILLOUGHBY, GEORGE PHILIP, J.P.	4, Bedford Square.	1899
WOLFE, JAMES WILLIAM ...	20, Russell Square	1900

Auditors of Accounts.

COOPER, W. A., 81, High Holborn. | RUMMANS, J., 47, Southampton Row.
STOVELL, T., 50, High Street.

Representatives of the Holborn Division on the London County Council.

SIR JOHN P. DICKSON-POYNDR, M.P., 39, Hill Street, Berkeley Square
J. F. REMNANT, ESQ., 10, Norfolk Crescent, Hyde Park.

Commissioners of Public Libraries and Museums for the District of St. Giles.

DIBDIN, ROBERT WILLIAM, 56, Russell Square.
DOLL, CHARLES FITZ-ROY, 5, Southampton Street.
FORBES-ROBERTSON, JOHN, 22, Bedford Square.
GARDINER, EDWARD JAMES, 110, Great Russell Street.
GRIFFITH, SAMUEL CLEWIN, 36, Upper Bedford Place.
PORTER, HORATIO, 16, Russell Square.
HAMP, THOMAS JAMES, 217, High Holborn.
SLACK, JOHN BAMFORD, 10, Woburn Square.
UPTON, EDWARD, 51, Lincoln's Inn Fields.

Clerk : JONES, HENRY C., 197, High Holborn.

Librarian : TAYLOR, W. A., 198, High Holborn.

COMMITTEES OF THE BOARD, 1898-99.

The Chairman of the Board, G. P. WILLOUGHBY, Esq., J.P., is an *ex-officio* Member of all Committees under Bye-law 6.

Finance Committee.

<i>Chairman</i>	JOSEPH WALTER TACON, Esq.
DAVISON, JOHN.	SMITH, JAMES.
FOX, ARTHUR.	STILES, CHARLES.
GARDINER, EDWARD JAMES.	SURREY, EDMUND.
GIBSON, WILLIAM.	THOMPSON, WILLIAM.
MATTHEWS, THOMAS WILLIAM.	

Law and Parliamentary Committee.

<i>Chairman</i>	ROBERT WILLIAM DIBDIN, Esq.
BUSSELL, STANLEY J.	PORTER, HORATIO.
COLEMAN, EDWARD JAMES.	SMITH, WILLIAM ROBERT.
DAVISON, JOHN.	STILES, CHARLES.
DEED, MARTIN.	THOMSON, HENRY ALEXANDER.
DOUGLASS, WILLIAM TREGARTHEN.	UPTON, EDWARD.

Sanitary Committee.

<i>Chairman</i>	Dr. SAMUEL CLEWIN GRIFFITH.
ANGEL, MAURICE.	JACKSON, ALFRED JAMES.
CRAWFORD, HENRY STALKER.	JAY, ALFRED MARSHALL.
DAVISON, JOHN.	JOLL, BOYD BURNETT.
GARDINER, EDWARD JAMES.	SMITH, JAMES.
GLAVE, NOLAN.	TURNER, CHARLES ERNEST.
HAINES, KENNETH.	

Professor W. R. SMITH, the Representative of the District at the Metropolitan Asylums Board, is an *ex-officio* Member of the Committee under Bye-law 6.

Works Committee.

<i>Chairman</i>	THOMAS JAMES HAMP, Esq.
ANGEL, EDWARD.	GUDGEON, JOSHUA H.
CRAWFORD, HENRY STALKER.	HAINES, GEORGE WATSON.
DAVISON, JOHN.	JEWELL, HENRY.
DOLL, CHARLES FITZ-ROY.	MATTHEWS, THOMAS WILLIAM.
GARDINER, EDWARD JAMES.	STILES, CHARLES.
GRAYDON, JAMES LAWRENCE.	

OFFICERS OF THE BOARD.

Names.	Offices.
JONES, HENRY CORBETT	Clerk to the Board.
WALLACE, GEORGE	Engineer and Surveyor.
LOVETT, SAMUEL ROBERT	Medical Officer of Health.
COLWELL, JAMES KEAR	Analyst.
SCRIVENER, THOMAS P.	Chartered Accountant.
CHARDIN, WILLIAM ALFRED	Accountant Clerk.
SPURRELL, EDWARD FREDERICK.....	Principal Assistant to the Engineer.
TEBBS, ARTHUR T.	} Clerks in the Engineer's Office.
EVANS, SILAS	
REDMAN, WILLIAM	} Office Clerks.
OVERETT, CHARLES AYERS.....	
KENT, EDWIN	Sanitary Clerk.
HATTER, JOSEPH	} Street Inspectors and In- spectors of Nuisances.
DOWLING, JOHN	
SMITH, EDWARD .....		Inspector of Street Cleansing and Watering
BOND, WILLIAM HENRY	} Sanitary Inspectors and under Sale of Food and Drugs Acts.
ROBINSON, JOHN	
COX, JAMES	Inspector of Dust Bins.
NOTT, ARTHUR.....	Mortuary Keeper.
NORMAN, FREDERICK ...	Caretaker of St. Giles Churchyard.
GODDARD, HENRY.....	} Messengers.
SUMNER, FREDERICK THOMAS	

Sanitary Inspectors.

BANKERS OF THE BOARD.

THE LONDON AND WESTMINSTER BANK, LIMITED, Bloomsbury Branch,
No. 214, High Holborn.

THE BOARD OF WORKS

FOR THE

St. Giles District.

GENERAL REPORT.

The Past Year.

This Report embraces the period from the 26th day of March, 1897, to the 25th day of March, 1898. During this period 83 Meetings of the Board and Committees have been held, of which the following are particulars:—

Board Meetings—					
Ordinary	...	...	...	...	17
Special ...	...	...	...	...	4
Total	...	...	...	...	— 21
Committee Meetings—					
Finance	...	...	...	...	20
Law and Parliamentary	...	...	...	...	10
Sanitary	...	...	...	...	13
Works ...	...	...	...	...	19
Total	...	...	...	...	— 62
					—
Making in all a total of ...	...	...	...	...	83

The Work of the Year.

This Report contains a summary of the more important proceedings of the Board. It must only be regarded as a brief and much curtailed account of the work of the year. For fuller details the printed minutes must be consulted.

Changes in the Personnel of the Board.

Considerable changes have taken place in the membership of the Board during the year under review. At the election of members in June, 1897, Messrs. Samuel J. Coulson, William T. Douglass, Arthur Fox, Frederick German, Henry Jewell, Horatio Porter, Henry A. Thomson, and James W. Wolfe were elected in the place of Messrs. Charles Austin, Henry Cooper, James F. Corben, Samuel Cousens, John Drew, Walter Hazell, M.P., Arthur L. Leon, and J. Bamford Stack, who retired by effluxion of time.

At the first meeting in June, 1897, Mr. Willoughby was re-elected Chairman of the Board, and on the 11th January, 1898, the Board received with great satisfaction the intimation that the Lord Lieutenant of the County of London had placed their Chairman's name on the Commission of the Peace.

Accounts.

The accounts of the Board for the past year have been prepared in the usual form, and after being examined by

the Board's Chartered Accountant, have been investigated by the elected Auditors, whose certificate of the result of their examination will be found appended at the foot of the accounts on page 45.

The comparative statement of Income and Expenditure of the past year with that of the previous year is as follows:—

COMPARATIVE STATEMENT OF INCOME AND EXPENDITURE

For the years ending 25th March, 1897, and 25th March, 1898.

INCOME.	Year ending 25th March, 1897.			Year ending 25th March, 1898.		
	£	s.	d.	£	s.	d.
FROM RATES :						
General Rate... ..	59,124	11	10	58,919	8	9
Sewer Rate	5,050	0	0	4,950	0	0
Foundling Estate Rate (amount for two years in 1896)	269	16	9	269	16	9
Brunswick Square Garden Rate (ditto)	36	0	0	30	0	0
<i>Total Receipts from Rates</i>	£64,480	8	7	£64,169	5	6
MISCELLANEOUS RECEIPTS :						
For restoration of Pavings and Fines and Expenses recovered	2,412	3	6	4,532	1	11
For House Drain Connections with Sewers	403	16	7	413	5	11
Shaftesbury Avenue Lavatory Receipts	354	12	9	406	3	9
New Oxford Street Lavatory Receipts	1,281	13	5	1,650	7	10
High Holborn Lavatory Receipts (six months only)	—			266	3	1
High Holborn Loan on account of construction... ..	—			3,500	0	0
High Holborn Lavatory- contributions, &c., to cost of construction	218	15	0	93	6	9
The Board of Works for the Holborn District - contribution to cost of Kingsgate Street Sewer	—			175	0	0
<i>Total Cash Receipts</i>	£69,151	9	10	£75,205	14	9
Cash Balance brought forward at the commencement of the year	3,813	6	2	5,655	9	5
	£72,964	16	0	£80,861	4	2

COMPARATIVE STATEMENT OF INCOME AND EXPENDITURE—*continued.*

EXPENDITURE.	Year ending 25th March, 1897.			Year ending 25th March, 1898.		
	£	s.	d.	£	s.	d.
EXPENDITURE OF THIS BOARD :						
Salaries and Superannuation Allowance	3,944	14	10	4,261	0	6
Paving (including restoration of disturbed paving)	13,712	15	3	15,645	18	11
Cleansing	7,494	10	2	7,821	19	8
Dusting	3,661	10	0	3,658	18	9
Lighting	4,497	5	8	4,748	10	5
Watering	1,324	10	5	1,234	8	9
Stone Yard and Premises (including Mortuary and Coroner's Court)	508	14	9	687	10	3
Miscellaneous Expenses	965	19	6	1,071	1	4
Legal and Parliamentary	37	4	0	401	13	1
Loans—Repayments and Interest (on General Account)	353	18	4	341	10	2
St. Giles Churchyard	155	19	6	136	8	2
Sewer Account, Wages and Materials for Repairs (including Cost of House Drain Connections)	2,205	7	1	2,324	3	3
New Sewers	1,703	8	4	2,079	9	4
Shaftesbury Avenue Lavatory—Supplies, Maintenance, and Loan Repayment	599	15	9	598	10	1
New Oxford Street Lavatory—Supplies, Maintenance and Loan Repayment	679	14	6	839	6	11
Ditto—Construction and Enlargement Account...	1,095	19	7	17	16	10
High Holborn Lavatory—Supplies Maintenance and Loan Repayment (six months only) ...	—	—	—	325	14	4
Ditto - Construction Account	500	0	0	3,846	7	10
Jubilee Commemoration Drinking Fountain ...	—	—	—	298	10	6
Portsmouth Street Improvement	—	—	—	241	17	6
Total Expenditure of the Board	£43,441	7	8	£50,580	16	7
EXPENDITURE OVER WHICH THIS BOARD HAS NO CONTROL :						
School Board for London	21,781	17	4	22,360	9	0
Commissioners of Public Libraries and Museums	1,789	14	11	1,684	1	2
Foundling Estate Bond Interest	260	6	8	491	8	4
Brunswick Square Garden Committee	36	0	0	30	0	0
Total Cash Payments	£67,309	6	7	£75,146	15	1
Cash Balance carried forward at end of the year	5,655	9	5	5,714	9	1
	£72,964	16	0	£80,861	4	2

A statement of loans outstanding will be found on page 44.

St. Giles Public Library.

The proceedings of the Commissioners, who are elected under the Public Libraries Act, 1892, are published

separately. In the month of June, 1897, an election took place to fill the vacancies caused by the retirement of Messrs. R. Garnett, J. Bamford Slack, and G. P. Willoughby, J.P. Mr. Willoughby did not seek re-election. Messrs. T. J. Hamp, J. Bamford Slack, and Edward Upton were appointed to fill the vacancies.

Queen's Record Reign—Celebration in the District.

The question of the means to be taken for celebrating in the St. Giles District the sixtieth year of Her Majesty's reign was considered by a Special Committee, and it was decided that as a permanent Memorial a drinking fountain should be erected at the junction of New Oxford Street and Shaftesbury Avenue. A design, submitted by the Engineer to the Board, of a fountain of polished and fine axed red and grey Aberdeen granite, set on two raised landings, was selected. The fountain, which measures 8ft. 6in. square at the ground line and 4ft. 2in. at the base of the fountain, with polished columns at angles, and has a total height of 14ft. 6in., with two dog troughs, was provided and fixed on the site in question at an expense of about £300.

A memorial stone was laid by the Chairman of the Board, and the fountain, a photograph of which is bound with this report, was made available for public use on the 14th December, 1898.

A respectful Address of Congratulation to Her Majesty was sealed at a special meeting of the Board held on the 15th June, 1897, and a reproduction of this will also be found with this report. The reply which was received



Queen's Most Excellent Majesty

May it Please Your Majesty,

We Your Majesty's loyal and dutiful subjects


The Board of Works for the Saint Giles District in the County of London
desire to approach Your Majesty to respectfully offer our congratulations
on the approaching completion of the sixtieth year of your reign as
Queen of Great Britain and Ireland.

We desire to express our gratification at the great progress
which has been made in Local Government during Your Majesty's reign,
Municipal Authorities having been constituted thereby promoting the welfare of
your subjects by improving the dwellings and preserving the Public Health.

We pray that Your Majesty


may still be spared many years to reign over a United People; that every
blessing and happiness may be granted to Your Majesty during the
continuance of your ever memorable reign and assure Your Majesty of
our devoted attachment to your person and Throne.

Sealed by Order of the Board
at a Special Meeting held on the
15th day of June 1897 in the
presence of



Henry Jones

Clerk to the Board.





from the Secretary of State for the Home Department was to the effect that Her Majesty had been pleased to receive the Address very graciously.

In response to a communication from the Rt. Hon. the Lord Mayor of London, a committee was appointed for carrying out the necessary arrangements in connection with the provision of a meal for the outcast poor, and as a result the sum of £300 was received from the fund for providing food for the following number of persons:— 2,126 adults and 2,139 children, and the following quantities of food were distributed; for adults, 1,930 1lb. packets of sugar, 2,003 4oz. packets of tea, 2,021 plum puddings, 2,150 meat pies, 552lbs. of Cheshire cheese in 4oz. packets, 96 tins of condensed milk, 168 2lb. tins of golden syrup, 72lbs. Australian boiled beef in 6lb. tins. For the children, 800 meat pies, 11,260lbs. of cake, 1,997 boxes of sweets.

The balance of the fund unexpended amounted to £9 6s. 4d., and was returned to the Rt. Hon. the Lord Mayor of London, and was with other unexpended sums devoted partly towards expenses, and the residue paid over to H.R.H. the Prince of Wales Hospital Fund.

The Board, on receiving a report of the operations of the Committee, unanimously adopted the same and approved of the vote of thanks which had been passed by the Committee to their Chairman, George P. Willoughby, Esq., J.P., and to the Clerk to the Board and the Engineer, and the Staff for the manner in which they had given effect to the wishes of the Committee.

Improvements.

Several improvements, although not of a large nature, yet of considerable local importance, have been under consideration during the past year. They consist of the widening and improvement of Little Coram Street and Little Guilford Street, which are proposed to be incorporated as one thoroughfare under the name of Herbrand Street, where the necessary improvement has been carried out in consequence of the co-operation of His Grace the Duke of Bedford. An improvement in Portsmouth Street by the setting back of the line of frontage of the George the IV. public house is now in process of being carried out. This, with the further adjustment of the frontage of adjoining property, will eventually increase the width of Portsmouth Street to 30ft, and it is hoped that at some future time it may be possible to widen the whole thoroughfare up to Lincoln's Inn Fields so as to form a more adequate means of access to King's College Hospital and the Royal Courts of Justice than at present exists.

A suggestion was also made for the adjustment of the line of frontage on the west side of Southampton Row between Vernon Chambers and Cosmo Place, but in consequence of the refusal of the Building Act Committee of the London County Council to sanction the scheme nothing came of the matter.

Another improvement, which has engaged attention and which, although not strictly within the District yet is of great importance to it, received anxious consideration at the hands of the Board. It was the deposit by the

London County Council of a Bill for carrying into effect an improvement which the Board had for a long time been of opinion was most desirable, viz., the removal of the block of buildings standing between Bozier's Court and Tottenham Court Road. This was referred to in the last Annual Report, when it was stated that the Bill was then before the House of Commons. After a prolonged examination by a Select Committee the Bill ultimately received the Royal assent, and the London County Council are now taking the necessary steps with a view to the acquisition of the property and the carrying out of the improvement, which it is believed will be much appreciated.

Electric Lighting.—Provisional Orders.

In the course of the year communications were received from the County of London and Brush Provincial Electric Lighting Company, Limited, and the Charing Cross and Strand Electricity Supply Corporation, Limited, applying for the Board's consent to the Companies applying to the Board of Trade for Provisional Orders for the supply of electricity for lighting, motive power, and other purposes to the St. Giles District. When the matter was first considered the Board were of opinion that the District was sufficiently served by the Metropolitan Electric Supply Company, Limited, and that having regard to the great number of persons who already possessed statutory powers to break up the public ways in the District, it was not desirable that any increase in the same should take place. Communications were opened up with the Metropolitan Electric Supply Company, who expressed their willingness to reduce the rate of charge to private consumers as soon

as they could possibly see their way to do so. Under these circumstances the Board determined that no further extension of electric lighting facilities in the District was necessary. Subsequently the matter was again brought before the Board, when a memorial, signed by a very large number of inhabitants of houses and business premises in the District, was submitted, and having obtained from both Companies a statement of the prices at which they were prepared to supply energy, the Board determined that they would give their consent to both of the applications. In due course Provisional Orders were applied for, and, after modifications had taken place in the drafts with a view of affording further protection to the ratepayers, the Orders were confirmed by the Board of Trade and the necessary Bill for the confirmation of the same will be introduced into Parliament during the present Session.

Metropolitan Electric Supply Company's Bill.

The Metropolitan Electric Supply Company, Limited, who are, under the terms of their Mid-London Order of 1889, supplying energy to the St. Giles District, are promoting a Bill for conferring further powers on the Company and enabling them to establish a generating station at Acton and Willesden, in the County of Middlesex, for the purpose of supplying electricity for, among other undertakings, their Mid-London Order. As it is possible that this legislation may injuriously affect the interests of the St. Giles District a Petition against the Bill has been presented, but at the time of preparing this report the proceedings on the Bill have been suspended, and the whole question of the generation of electrical energy and of

generating stations is under consideration by a Select Committee of the Houses of Lords and Commons, who are, taking evidence upon the subject.

London County Council Tramways Bill.

The London County Council having pursuant to Standing Orders, deposited Plans and Bill for the construction of a tramway from Theobalds Road to Bury Street applied for the Board's consent. The circumstances appeared in no way different from those referred to in the last report, when in January, 1897, at the urgent request of ratepayers with frontages in Bloomsbury Square, Hart Street, &c., the Board determined to withhold its consent to the operations. Under these circumstances the same course was adopted. The London County Council made strenuous efforts to induce the Board to alter its decision, but being unable to do so the Bill was abandoned.

Sale of Food and Drugs Bill.

In the last report the Bill introduced into the House of Commons for amending the law relating to the sale of food and drugs was referred to. Subsequent to the date of that report a Bill was introduced by the President of the Local Government Board. Both these Bills were referred to the Sanitary Committee, who in due course received reports from the Clerk to the Board and the Analyst upon the subject, and the Board unanimously adopted a recommendation in favour of any Bill that might be introduced on the lines of the recommendations of the Select Committee, but the Board regret that no progress has yet been made with legislation on this all-important subject.

Charing Cross, Euston, and Hampstead Railway Bill.

In the Session of 1894 an Act was passed conferring powers for the construction of a Railway from Charing Cross to Hampstead with a branch to Euston. The time within which the promoters were entitled to exercise their compulsory powers having expired a Bill was introduced for the extension of the same. From an examination of the proposed measure there did not appear to be anything in its provisions prejudicial to the interests of the District and no action was therefore taken on the Bill, which has since passed into law, but no steps have yet been taken towards the construction of the proposed Railway.

Superannuation.—Metropolis Bill.

The question of the superannuation of Officers is one which has always occasioned much anxiety to Local Authorities. By an Act passed in the year 1866 power was conferred upon Local Authorities, if they thought fit, to grant superannuation allowances to their Officers, but no provision was contained in the Act requiring Officers to contribute towards a Superannuation Fund. In the year 1896 a measure for granting compulsory rights of superannuation to Poor Law Officers throughout the United Kingdom received the Royal assent, and in the course of the present session a Bill has been introduced which proposes to amend the Act of 1866 by bringing its provisions relating to the superannuation of Officers of Vestries and District Boards and other Parochial Bodies into line with those of the Poor Law Officers, by removing the uncertainty, and at the same time by requiring Officers of such Authori-

ties to contribute from their salaries a percentage allowance to the fund from which their retiring allowances will in future be paid. In due course the Board presented a Petition in favour of the Bill, which received a large measure of support from Local Authorities. At the present time the Bill is awaiting second reading.

Metropolitan Municipalities.

The question of London Government has again been engrossing public attention, largely in consequence of an intimation made in the Speech delivered at the opening of Parliament to the effect that a measure would be introduced for facilitating the creation of municipalities in the Administrative County of London. The question has for many years occupied the attention of the Board, but the Bill has not yet been introduced.

Public Lavatories.—High Holborn.

The Public Lavatory constructed in High Holborn, referred to in the last report, was completed and opened for public use on the 22nd September last. It has already been found to supply a much-needed want in the District. On receiving a report of the completion of the work, the Board unanimously passed a vote of thanks to the Engineer upon the successful issue of his labours. The receipts at this and the other public lavatories in the District will be found set out in the annual accounts.

Sanitary Work.

The monthly synopsis of sanitary work, which is forwarded to every member affords a useful record of the

steps taken for preserving the public health in the District. Calculated on the information published month by month the following statistics are obtained :—

PUBLIC HEALTH (LONDON) ACT, 1891.

Visits and Inspections made	...	...	10,265
Notices for Abatement of Nuisances served			1,090
Proceedings before Police Magistrates	...		43

Under the Housing of the Working Classes Act, 1890, four representations were made by the Medical Officer of Health, and the necessary steps taken, with a view to closing the premises. The following are the particulars :—

Locality.	Present Condition of Premises.
66, Castle Street	Closed.
1, Little White Lion Street ...	Repaired and reopened.
12, Sardinia Street	Closed.
33, Great Wild Street... ..	Repaired and reopened.

LODGING HOUSE REGULATIONS.

Number of houses on the Register	...	...	545
Notices to abate breaches served	...	...	303
Proceedings taken	...	...	3
Number of additional houses registered during the year	...	...	116

Cleansing of Persons Act, 1897.

The Verminous Persons Bill, under the title of the Cleansing of Persons Act, 1897, received the Royal assent on the 6th August, 1897. The Board referred it to the Sanitary Committee, who have under consideration the steps to be taken for carrying the Act into operation. At the present time, any persons applying to be cleansed and

disinfected, are dealt with by arrangement with the Guardians of the Poor at the Casual Wards, where they are bathed, while their clothing is disinfected in the Board's steam apparatus.

Sale of Food and Drugs Acts.

Four hundred and eleven samples of food and drugs were purchased and analysed during the year.

The Analyst's report, which will be found on page 63, contains full particulars. It is sufficient here to remark that of the samples purchased 27 were adulterated, but in four cases the adulteration was not sufficient to justify any proceedings being taken ; in the other cases prosecutions ensued, and fines and costs amounting in the whole to £35 14s. 0d. were inflicted.

Employees' Holiday.

The precedent laid down by the Board in the year 1894, has been again followed. The whole of the employees received a day's holiday and a sum of £10 voted as an addition to the men's wages. The outing was as successful as those previously recorded.

HENRY C. JONES,

Clerk to the Board.

June, 1898.

Abstract of Receipts and Payments of the Board for General

RECEIPTS.	Ledger folio.	£	s.	d.	£	s.	d.
THE JOINT VESTRY OF ST. GILES AND BLOOMSBURY, General Rate Account under Precept 1897-8	6				57,235	7	7
Public Libraries Rate Account, under Precept 1896-7	25	684	1	2			
Ditto, 1897-8	25	1,000	0	0			
					1,684	1	2
					58,919	8	9
MISCELLANEOUS RECEIPTS:							
Disturbed Paving Works	63	2,362	11	7			
Licence Fees	81	106	2	6			
Sale of Food and Drugs Act, Fines and Expenses recovered	83	35	14	0			
Advertising Stations Rating Act	85	1,083	0	11			
Public Health (London) Act 1891 — Refund by Metropolitan Asylums Board of Infectious Diseases Notification Fees	91	43	8	0			
Honourable Society of Lincoln's Inn—Annual payment under Agreement	95	25	0	0			
London County Council—Refund of moiety of salary of Medical Officer of Health	103	333	16	8			
Expenses of Sanitary Works and Disinfecting recovered	85	172	18	0			
Carried forward		4,162	11	8	58,919	8	9

Purposes from 26th March, 1897, to 25th March, 1898.

PAYMENTS.	Ledger folio.	£	s.	d.	£	s.	d.
SALARIES AND SUPERANNUATION:							
Clerks and Officers	211	3,957	13	10			
Analyst	"	181	5	0			
Superannuation allowances	247	122	1	8			
							4,261 0 6
PAVING:							
Wages of Paviers and labourers	258	2,581	19	11			
Granite and footway stone	282	1,002	4	1			
Gravel sand and shells	290	312	8	11			
Bricks, lime and cement	296	31	19	0			
Cartage of materials	302	360	5	5			
Guard posts	307	52	3	0			
Paviers' implements	313	252	18	10			
Ironfounders' work	317	14	16	6			
Blocks for wood paving	321	90	2	0			
Road roller and water cart hire	325	112	14	0			
Asphalte paving under Contract	332	10,642	13	0			
St. Pancras Vestry under Agreements for repairs of Torrington Place and Byng Place	341	25	0	0			
Wood paving under Contract	337	166	14	3			
							15,645 18 11
CLEANSING:							
Street Orderlies' wages	258	3,638	2	10			
„ implements	394	409	13	6			
„ clothing	401	72	4	5			
Cartage of slop under Contract	406	3,525	0	0			
Carried forward		7,645	0	9	19,906	19	5

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE UNIVERSITY OF CALIFORNIA

IN CONNECTION WITH THE UNIVERSITY OF CALIFORNIA

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IN CONNECTION WITH THE UNIVERSITY OF CALIFORNIA

Abstract of Receipts and Payments

	Ledger folio.	£	s.	d.	£	s.	d.
Amount brought forward		4,162	11	8	58,919	8	9
Mortuary fees	105	13	6	0			
Green yard receipts	97	4	6	6			
Old paving stone and materials	105	283	9	7			
Rentals	131	62	10	0			
Sales of copies of reports... ..	122	0	1	4			
Other sums recovered	112	5	16	10			
		<hr/>			4,532	1	11
		<hr/>			63,451	10	8
TRANSFER FROM SEWER ACCOUNT for Management expenses for the year ending 25th March, 1898	117				600	0	0
Carried forward		<hr/>			64,051	10	8

for General Purposes—continued.

	Ledger Folio.	£	s.	d.	£	s.	d.
Amount brought forward ...		7,645	0	9	19,906	19	5
Hire of Horses and Drivers under Contract							
Snow Clearing—Wages, Cartage, etc.	422	19	3	5			
Removal of Manure	428		8	0			
Water for Flushing Courts, &c.	429	157	7	6			
		<hr/>				7,821	19 8
DUST:							
Removal of Dust under Contract	438	3,650	0	0			
Disinfectants for Dust Bins ...	444		8	18 9			
		<hr/>				3,658	18 9
LIGHTING:							
Gas	448	4,155	10	8			
Columns and Lanterns... ..	454	592	19	9			
		<hr/>				4,748	10 5
WATERING:							
Carts, Horses and Men Hired under Contract	462	1,010	16	0			
Stand Pipes	470		3	5 6			
Water	472	193	7	3			
Disinfectants	473		27	0 0			
		<hr/>				1,234	8 9
STONE YARD AND PREMISES:							
General Repairs, Fittings and Furniture	477	301	13	1			
Insurance Rates and Taxes ...	481	182	0	11			
		<hr/>				483	14 0
MORTUARY AND CORONERS' COURT:							
Ground Rent, Rates and Taxes	490	79	9	8			
Cleansing Fuel and Lighting ...	492	12	12	2			
Wages	487	78	0	0			
Repairs	495	33	14	5			
		<hr/>				203	16 3
Carried forward		<hr/>			38,058	7	3

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

FOR THE YEAR 1960-1961

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY, CALIFORNIA

1960

1000 UNIVERSITY AVENUE

BERKELEY, CALIFORNIA 94720

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY, CALIFORNIA

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BERKELEY, CALIFORNIA 94720

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY, CALIFORNIA

1960

Abstract of Receipts and Payments

	Ledger Folio.	£	s.	d.	£	s.	d.
Amount brought forward	64,051	10	8
Balance at Bankers, 25th March, 1897, brought forward	5,750	8	0

Carried forward 69,801 18 8

for General Purposes—continued.

	Ledger folio.	£	s.	d.	£	s.	d.
Amount brought forward ...	...	...	...	...	38,058	7	3
ST. GILES CHURCHYARD:							
Caretaker's Wages	258	97	7	7			
Improvement Works and Maintenance	502	39	0	7			
							136 8 2
ESTABLISHMENT EXPENSES:							
Stationery and Bookbinding ...	516	146	2	9			
Printing	522	246	1	2			
Advertising	527	43	1	8			
Oil and Chandlery	529	35	4	6			
Coal and Coke	534	44	18	6			
Inspectors' Uniforms	537	83	11	11			
Rent of Telephone	543	20	0	0			
District Registrar's Returns ...	544	27	0	7			
Clock winding and repairs, Window cleaning, and Firewood	545	24	17	9			
Postage and Receipt Stamps ...	547	41	11	8			
Disinfecting materials	548	8	12	6			
Travelling expenses and incidentals	565	111	0	10			
							832 3 10
MISCELLANEOUS EXPENSES:							
Painting and Plumbing in District and under Sanitary Orders	550	24	18	1			
Street Nomenclature	552	3	12	0			
Deposits for restoration of Paving Works, balances returned ...	554	58	6	5			
Seats for Streets	556	1	19	6			
Trees and Tree Guards	561	96	14	5			
Sale of Food and Drugs Act—Purchases for Analysis ...	557	9	16	7			
Infectious Diseases Notification Fees	559	43	10	6			
							238 17 6
Carried forward					39,265	16	9

THE BOARD OF ADVISORS

OF THE

UNIVERSITY OF CALIFORNIA

AT THE REGENT'S OFFICE

SAN FRANCISCO, CALIFORNIA

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

Abstract of Receipts and Payments

	Ledger folio.	£	s.	d.	£	s.	d.
Amount brought forward	69,801	18	8
<hr/>							
					<u>£69,801</u>	<u>18</u>	<u>8</u>

for General Purposes—continued.

	Ledger Folio.	£	s.	d.	£	s.	d.
Amount brought forward					39,265	16	9
Law and Parliamentary expenses	564				401	13	1
Portsmouth Street Improvement	363				241	17	6
Jubilee Commemoration Drinking Fountain erected in New Oxford Street					298	10	6
LOANS :							
Goldsmith Alley Improvement—							
Repayment	569	36	0	0			
Interest	571	42	14	10			
							78 14 10
Purchase of Nos. 197-8, High Holborn—							
Repayment	570	177	0	0			
Interest	573	85	15	4			
							262 15 4
							<u>40,549 8 0</u>
PUBLIC LIBRARIES AND MUSEUMS :							
Precepts of Commissioners—							
Under Precept, 1896-7 ...	589	684	1	2			
Ditto 1897-8	"	1,000	0	0			
							<u>1,684 1 2</u>
SCHOOL BOARD FOR LONDON :							
Precepts	575	22,235	7	7			
Election Expenses	579	125	1	5			
							<u>22,360 9 0</u>
							<u>64,593 18 2</u>
Bank Balance, 25th March, 1898					5,208	0	6
					<u>£69,801</u>	<u>18</u>	<u>8</u>

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE UNIVERSITY OF CALIFORNIA

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AND THE FACULTY OF THE UNIVERSITY OF CALIFORNIA

IN CONNECTION WITH THE UNIVERSITY OF CALIFORNIA

THE BOARD OF ADVISORS

OF THE

UNIVERSITY OF CALIFORNIA

AT THE

MEETING OF

THE

BOARD OF ADVISORS

ON

THE

15th

DAY

OF

THE

MONTH

OF

THE

YEAR

1954

AND

1955

1956

1957

1958

1959

1960

1961

Sewer

RECEIPTS.	Ledger folio.	£	s.	d.	£	s.	d.
The Joint Vestry of St. Giles and Bloomsbury—							
Under Precept 1896-7	... 152	450	0	0			
Ditto 1897-8	... ..	4,500	0	0			
		<hr/>			4,950	0	0
MISCELLANEOUS :							
Connections with Sewers and House Drains	... .. 173	413	5	11			
The Board of Works for the Holborn District—Proportion of Cost of Sewer, Kingsgate Street	... .. 173	175	0	0			
Shaftesbury Avenue Lavatory Receipts	... .. 186	406	3	9			
New Oxford Street Lavatory Receipts	... .. 186	1,650	7	10			
High Holborn Lavatory Receipts (<i>Six months' only.</i>)	187	266	3	1			
		<hr/>			2,911	0	7
HIGH HOLBORN LAVATORY CONSTRUCTION ACCOUNT :							
Loan — Prudential Assurance Company	... .. 113	3,500	0	0			
Rental of hoarding for advertising during building	142	93	6	9			
		<hr/>			6,504	7	4
Carried forward	... ..				11,454	7	4

Rate Account.

PAYMENTS.	Ledger folio.	£	s.	d.	£	s.	d.
WAGES AND MATERIALS FOR REPAIRS :							
Drain Pipes and Urinal Fittings	623	90	0	6			
Bricks, Lime and Cement	... 630	82	1	8			
Ironfounders' Work	... .. 632	198	15	2			
Painting and Plumbing	... .. 636	31	1	7			
Implements	... .. 641	55	16	1			
Clothing	... .. 647	48	3	2			
Disinfectants	... .. 651	68	15	9			
Water for Flushing	... .. 656	172	17	0			
Wages	... .. 607	1,485	1	0			
Timber	... .. 659	18	2	6			
Cartage of Materials	... .. 662	51	4	9			
Oil and Chandlery	... .. 668	18	8	3			
Miscellaneous	... .. 671	3	15	10			
		<hr/>			2,324	3	3
New Sewers under Contracts	... 673				2,079	9	4
SHAFTESBURY AVENUE LAVATORY :							
Wages of Attendants	... .. 607	250	17	4			
Repairs	... .. 678	26	0	2			
Water Supply	... .. 679	26	13	0			
Lighting	... .. "	38	5	8			
Attendants' uniforms, washing, towels, soap, chandlery, etc.	685	47	15	0			
		<hr/>			389	11	2
LONDON COUNTY COUNCIL LOAN :							
Repayment	... .. 697	180	0	0			
Interest	... .. 698	28	18	11			
		<hr/>			598	10	1
Carried forward	... ..				5,002	2	8

THE BOARD OF ADVISORS

OF THE

UNIVERSITY OF CALIFORNIA

AT THE

MEETING OF

THE

BOARD OF ADVISORS

ON

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PROPOSAL

FOR

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ESTABLISHMENT

OF

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DEPARTMENT

OF

PHYSICS

AND

ASTRONOMY

AT

THE

UNIVERSITY

OF

CALIFORNIA

AT

Sewer Rate

Ledger folio.	£	s.	d.	£	s.	d.
Brought forward				11,454	7	4

Carried forward

 11,454 7 4

Account—continued.

Ledger folio.	£	s.	d.	£	s.	d.
Brought forward ...						5,002 2 8

NEW OXFORD STREET LAVATORY:

Wages of Attendants ...	607	254	14	0
Water Supply ...	689	56	14	8
Lighting ...	689	82	1	1
Attendants' uniforms, washing towels, soap, chandlery, etc.	691	161	19	4
Repairs and Purchase of Registering Locks ...	694	113	9	9
		<u>668</u>	<u>18</u>	<u>10</u>

PRUDENTIAL ASSURANCE COMPANY'S LOAN:

Repayment ...	605	108	18	11
Interest ...	696	61	9	2
		<u>839</u>	<u>6</u>	<u>11</u>

HIGH HOLBORN LAVATORY:

Wages of Attendants ...	607	123	5	10
Water Supply ...	600	6	18	11
Lighting ...	600	13	0	11
Attendants' uniforms, washing towels, soap, chandlery, etc.	599	38	6	8
		<u>181</u>	<u>12</u>	<u>4</u>

LONDON COUNTY COUNCIL LOAN:

Repayment ...	701	93	3	2
Interest ...	702	50	18	10
		<u>325</u>	<u>14</u>	<u>4</u>

Carried forward ...					6,167	3	11
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THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF PHYSICAL SCIENCES

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF CHEMISTRY

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF BIOLOGICAL SCIENCES

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF AGRICULTURAL SCIENCES

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF HUMANITIES

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF SOCIAL SCIENCES

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF EDUCATION

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF ENGINEERING

OF THE UNIVERSITY OF CALIFORNIA

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AND THE FACULTY OF THE DIVISION OF ARTS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF MUSIC

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE DIVISION OF THEATRE

OF THE UNIVERSITY OF CALIFORNIA

Sewer Rate Account—continued.

	Ledger folio.	£	s.	d.	£	s.	d.
Brought forward	11,454	7	4

	Ledger Folio.	£	s.	d.	£	s.	d.
Brought forward ...	...	...	...	...	6,167	3	11
Transfer to General Account for management Expenses ...	700	...	...	...	600	0	0

NEW OXFORD STREET LAVATORY ENLARGEMENT:

Altering mains and glass screens	596	17	16	10
--	-----	-----	-----	-----	----	----	----

HIGH HOLBORN LAVATORY CONSTRUCTION ACCOUNT:

Balance on Account of Building Contract	597	3,591	14	2			
Fittings and Purchase of Regis- tering Locks	598	254	13	8			
					3,846	7	10
					10,631	8	7

Balance at Bankers, 25th March, 1897, Overdrawn, brought forward					324	13	0
---	--	--	--	--	-----	----	---

Balance at Bankers, 25th March, 1898					498	5	9
--	--	--	--	--	-----	---	---

£11,454 7 4

£11,454 7 4

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AT THE ANNUAL MEETING

Held at Berkeley, California, on

June 15, 1954

1954

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

1954

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

1954

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

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BERKELEY, CALIFORNIA

1954

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

1954

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

Summary showing the Total Receipts and Payments

RECEIPTS.	£	s.	d.	£	s.	d.
GENERAL PURPOSES RATE ACCOUNT :						
The Joint Vestry of St. Giles and Bloomsbury under Precept	58,919	8	9			
Miscellaneous Receipts for Restoration of disturbed Pav- ing, and Fines and Expenses Recovered	4,532	1	11			
	63,451	10	8			
Transfer from Sewer Account for Management Expenses	600	0	0	64,051	10	8
FOUNDLING ESTATE RATE ACCOUNT :						
The Joint Vestry under Precept				269	16	9
BRUNSWICK SQUARE GARDEN RATE ACCOUNT :						
The Joint Vestry of St. Giles and Bloomsbury under Precept				30	0	0
Carried forward				64,351	7	5

of the Board for the year ending 25th March, 1898.

PAYMENTS.	£	s.	d.	£	s.	d.
GENERAL PURPOSES RATE ACCOUNT :						
Salaries and superannuation allowance	4,261	0	6			
Paving	15,645	18	11			
Cleansing	7,821	19	8			
Dusting	3,658	18	9			
Lighting	4,748	10	5			
Watering	1,234	8	9			
Stone yard and premises...	483	14	0			
Mortuary and Coroner's Court ...	203	16	3			
Miscellaneous and Establishment expenses... ..	1,071	1	4			
Law and Parliamentary expenses	401	13	1			
Loans Repayment and Interest ...	341	10	2			
St. Giles' Churchyard	136	8	2			
Jubilee Commemoration drinking fountain	298	10	6			
Portsmouth Street Improvement	241	17	6			
	40,549	8	0			
School Board for London... ..	22,360	9	0			
Commission for Public Libraries and Museums	1,684	1	2	64,593	18	2
FOUNDLING ESTATE RATE ACCOUNT :						
The Interest on Bond debt and ... Income tax					491	8
					4	
BRUNSWICK SQUARE GARDEN RATE ACCOUNT :						
The Garden Committee under ... Precept					30	0
					0	0
Carried forward				65,115	6	6

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE UNIVERSITY OF CALIFORNIA

IN CONNECTION WITH THE

PROCEEDINGS OF THE

CONFERENCE ON THE

TEACHING OF MATHEMATICS

IN THE SECONDARY SCHOOLS

OF CALIFORNIA

HELD AT THE UNIVERSITY OF CALIFORNIA

AT BERKELEY, CALIFORNIA

FROM SEPTEMBER 10 TO 14, 1957

EDITED BY

WILLIAM L. LADD

AND

WILLIAM F. O'NEILL

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY, CALIFORNIA

1958

1959

1960

1961

1962

1963

1964

1965

Summary showing the Total Receipts and Payments of

	£.	s.	d.	£	s.	d.
Amount brought forward ...				64,351	7	5
SEWERS RATE ACCOUNT :						
The Joint Vestry under Precept	4,950	0	0			
Connections with Sewers, and Lavatory Receipts ...	3,004	7	4			
Loan — High Holborn Lavatory Construction Account...	3,500	0	0	11,454	7	4
				<u>75,805</u>	<u>14</u>	<u>9</u>
TOTAL RECEIPTS :						
Actual Cash Receipts ...	75,205	14	9			
Transfers ...	600	0	0			
				<u>75,805</u>	<u>14</u>	<u>9</u>
BALANCE AT BANKERS, 25th March, 1897 :						
General Account ...	5,750	8	0			
Foundling Estate Account ...	229	14	5			
				<u>5,980</u>	<u>2</u>	<u>5</u>
Less Overdrawn :						
Sewer Account ...	324	13	0	5,655	9	5
				<u>£81,461</u>	<u>4</u>	<u>2</u>

the Board for the year ending 25th March, 1898—continued

	£	s.	d.	£	s.	d.
Amount brought forward ...				65,115	6	6
SEWERS RATE ACCOUNT :						
Materials and Wages of Repairs ...	2,324	3	3			
New Sewers under Contract ...	2,079	9	4			
Shaftesbury Avenue Lavatory ...	598	10	1			
New Oxford Street Lavatory ...	839	6	11			
Ditto Enlargement Account	17	16	10			
High Holborn Lavatory ...	325	14	4			
Ditto Construction...	3,846	7	10			
Transfer to General Account for Management Expenses ...	600	0	0			
				<u>10,631</u>	<u>8</u>	<u>7</u>
				<u>75,746</u>	<u>15</u>	<u>1</u>
TOTAL PAYMENTS :						
Actual Cash Payments	£75,146	15	1			
Transfers ...	600	0	0			
				<u>£75,746</u>	<u>15</u>	<u>1</u>
BALANCE AT BANKERS, 25th March, 1898 :						
General Account...	5,208	0	6			
Foundling Estate Account ...	8	2	10			
Sewer Account ...	498	5	9			
				<u>5,714</u>	<u>9</u>	<u>1</u>
				<u>£81,461</u>	<u>4</u>	<u>2</u>

THE BOARD OF ADVISORS

OF THE UNIVERSITY OF CALIFORNIA

AND THE FACULTY OF THE UNIVERSITY OF CALIFORNIA

IN CONNECTION WITH THE UNIVERSITY OF CALIFORNIA

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IN CONNECTION WITH THE UNIVERSITY OF CALIFORNIA

Statement of the Assets and Moneys owing to the Board and

DEBTS AND LIABILITIES.	Ledger Folio.	£	s.	d.	£	s.	d.
GENERAL PURPOSES RATE ACCOUNT :							
Contractors' and Tradesmen's Accounts due	Sch.	6,196	7	0			
Balance of Deposits for Restoration of Paving	Sch.	474	10	10			
London County Council for Loans—							
Goldsmith's Alley Improvement ... £1,152	630						
Purchase of Nos. 197-8, High Holborn	2,292	629					
		3,444	0	0			
					10,114	17	10
FOUNDLING ESTATE RATE ACCOUNT :							
Bond Debt allotted to this Board 1st August, 1856	Sch.	6,746	0	0			
Bondholders' Interest to Ladyday instant	101	67	9	2			
Inland Revenue Income Tax	102	8	2	10			
					6,821	12	0
SEWERS RATE ACCOUNT :							
Tradesmen's Accounts due	Sch.	314	7	10			
Balances of Deposits for Drains	Sch.	7	18	8			
London County Council for Loan re							
Shaftesbury Avenue Lavatory	275	720	0	0			
Prudential Assurance Company for Loan re New Oxford Street Lavatory	280	1,734	11	3			
London County Council for Loan re High Holborn Lavatory	395	3,406	16	10			
					6,183	14	7
					£23,120	4	5

the Debts and Liabilities of the Board on the 25th March, 1898.

ASSETS AND MONEYS OWING TO THE BOARD.	Ledger folio.	£	s.	d.	£	s.	d.	
GENERAL PURPOSES RATE ACCOUNT :								
Impress Money in the hands of the Clerk and the Surveyor	276	145	0	0				
Due from Gas, Water and Electric Light, &c., Companies	Sch.	1,264	19	4				
Due for Restoration of Paving and other Works	Sch.	148	14	4				
Materials and Implements in Stock	Sch.	1,041	1	1				
London County Council, due on account of Salary of Medical Officer of Health	659	175	0	0				
					2,774	14	9	
FOUNDLING ESTATE RATE ACCOUNT :								
The Estate for Bond Debt chargeable under old Paving Acts	101	6,746	0	0				
					6,746	0	0	
SEWERS RATE ACCOUNT :								
Joint Vestry under Precept	101	300	0	0				
Due for Construction of House Drains	Sch.	54	19	4				
Materials and Implements in Stock	Sch.	359	19	2				
						714	18	6
Balance at Bankers					5,714	9	1	
					15,950	2	4	
Balance of Liabilities over Assets					7,170	2	1	
					£23,120	4	5	

THE BOARD OF ADVISORS

OF THE

UNIVERSITY OF CALIFORNIA

AT THE ANNUAL MEETING

HELD AT PASADENA, CALIFORNIA

ON DECEMBER 15, 1955

AND AT LOS ANGELES, CALIFORNIA

ON DECEMBER 16, 1955

AND AT BERKELEY, CALIFORNIA

ON DECEMBER 17, 1955

AND AT SAN DIEGO, CALIFORNIA

ON DECEMBER 18, 1955

AND AT SACRAMENTO, CALIFORNIA

ON DECEMBER 19, 1955

AND AT STOCKTON, CALIFORNIA

ON DECEMBER 20, 1955

AND AT FRESNO, CALIFORNIA

ON DECEMBER 21, 1955

AND AT OAKLAND, CALIFORNIA

ON DECEMBER 22, 1955

AND AT SAN JOSE, CALIFORNIA

ON DECEMBER 23, 1955

AND AT SAN FRANCISCO, CALIFORNIA

ON DECEMBER 24, 1955

AND AT SAN LEANDE, CALIFORNIA

ON DECEMBER 25, 1955

Statement of Loans Outstanding.

Purpose of Loan.	Date of Original Borrowing.	Period of Repayment.	Original Amount Borrowed.	Balance Outstanding.	Mode of Repayment.
Coal Yard and Goldsmith's Alley Improvement	10th August, 1877	52 years	£1,874	£1,152 0 0	Annual instalments of £36 and interest at the rate of $3\frac{3}{4}$ per cent. per annum.
Enlargement of Offices	3rd June, 1880	30 years	8,000	2,292 0 0	Annual instalments of £177 and interest at the rate of $3\frac{3}{4}$ per cent. per annum.
Shaftesbury Avenue Public Convenience	6th November, 1891	10 years	1,800	720 0 0	Annual instalments of £180 and interest at the rate of $3\frac{1}{2}$ per cent. per annum.
New Oxford Street Public Convenience	7th July, 1895	15 years	2,000	1,734 11 3	Thirty half-yearly instalments (on the annuity principle) of £86 5s. 3d. including principal and interest at the rate of $3\frac{1}{2}$ per cent. per annum.
High Holborn Public Convenience	24th May, 1897	15 years	3,500	3,406 16 10	Thirty half-yearly instalments (on the annuity principle) of £145 17s. 1d. including principal and interest at the rate of 3 per cent. per annum.
			£17,174	£9,305 8 1	

WE, the undersigned Auditors appointed by the Board of Works for the St. Giles District to examine and audit the Accounts of the said Board from the 26th day of March, 1897, to the 25th day of March, 1898 have investigated such Accounts and the documents relating thereto, and do hereby certify that we have this day audited the said Accounts, at their Offices, No. 197, High Holborn, and that the same are true and correct in all particulars.

Given under our hands this 27th day of May, 1898.

THOMAS STOVELL.

J. RUMMANS.

WILLIAM A. COOPER.

TO THE BOARD OF WORKS FOR THE ST. GILES DISTRICT.

ENGINEER'S AND SURVEYOR'S DEPARTMENT,

197, HIGH HOLBORN, W.C.,

June 14th, 1898.

GENTLEMEN,

I beg to lay before you the following Report on the Works executed by your Board during the year ending 25th March, 1898.

Pavings.

CARRIAGE-WAYS.

Situation.	Description of Paving.	Net cost.
Arthur Street	2in. compressed asphalt on concrete foundation ...	£ s. d. 667 3 11
Marchmont Street, north of Great Coram Street ...	Ditto	557 13 4
Montagne Place	Ditto	1,501 14 8
Shaftesbury Avenue, from Great St. Andrew Street to Cambridge Circus ...	Ditto	2,100 2 2
Short's Gardens, between Endell Street and Neal Street	Ditto	166 4 0
Theobald's Road, from Southampton Row to Boundary of St. Giles District	Ditto	455 5 6

FOOTWAYS.

Situation.	Description of Paving.	Net cost.
Arthur Street	New 3in. Yorkshire stone	£ s. d. 151 14 3
Montague Place	Repairs to Yorkshire stone flagging and new granite kerb	429 15 8
Shorts Gardens from Endell Street to Neal Street ...	Repairs to Yorkshire stone flagging and granite kerb	89 4 9

The macadamised roads in the District were repaired and made good with broken granite, a steam roller being used where necessary to level the surface.

The laying of the Hydraulic main in Tottenham Court Road, hereinafter referred to on page 58 caused considerable disturbance of the asphalt roadway of that thoroughfare, and upon the French Asphalt Company being called upon under the terms of their contract with the Board to reinstate the paving, the Company represented to your Engineer the advisability of availing itself of the opportunity for relaying the whole area of the road, which the Company were under contract to maintain until the year 1903. Your Engineer assented to the proposals of the Company and the work was accordingly carried out in March, 1898, the street being relaid in two halves lengthwise of the street, to permit of vehicular traffic passing during the whole time the works were in hand.

Maintenance of Asphalt Carriage-way Pavements.

During the year contracts were entered into between your Board and the several Contractors who laid the

different pavements, for a further maintenance for 15 years of the following streets, at the prices named :—

					Per yard superficial per annum.	
					s.	d.
Woburn Place	...	...	...	...	0	8
West Street	...	...	...	...	0	6
Charing Cross Road	...	...	...	...	1	6

Drains.

147 applications were received during the year for the construction of new, and reconstruction of existing drains, at 172 premises within the District. The whole of the work laid was tested by the Board's officials before being covered in; the fees received in respect of the same amounted to £31 5s.

Sewers.

The following Sewer works were performed during the year :—

*Kingsgate Street	...	...	590ft. run new 4ft. by 2ft. 6in. brick sewer.
Eagle Street...	...	...	140ft. ditto.
Little Queen Street (north end)	...	...	115ft. run new 4ft. 0in, by 2ft. 6in. brick sewer.
Chenies Street	...	...	New Manhole.
Upper Bedford Place	...	...	Ditto.
Hunter Street	...	...	New side entrance and Manholes.

Towards the cost of this work the Board of Works for the Holborn District contributed £175.

Cleansing Sewers.

Certain of the sewers in the District which have dead ends, or in which the flow of sewage is not sufficient to enable the sewer to be self-cleansing, are fitted with flushing tanks. They are as follows:—

Chapel Yard	450 gallons.	Automatic self-acting syphon.
Clarkes' Buildings	600 do.	do. do.
Clarkes' Mews	400 do.	Slide penstock.
Charing Cross Road	1,100 do.	Automatic self-acting syphon.
Denmark Place	800 do.	do. do.
Galen Place	650 do.	do. do.
Great Turnstile	830 do.	do. do.
Hall's Yard	400 do.	Screw-down penstock
Henrietta Mews	600 do.	Automatic self-acting syphon.
High Holborn	1,450 do.	Screw-down penstock.
Hyde Street	650 do.	do. do.
Lascelles Place	500 do.	Hand flushing disc.
Lincoln's Inn Fields	1,200 do.	Screw-down penstock.
Lumber Court	730 do.	Automatic self-acting syphon.
Montague Mews, two tanks each	450 do.	do. do.
Newman's Row	1,000 do.	do. do.
Russell Mews	700 do.	do. do.
Torrington Mews	800 do.	Screw-down penstock.
Torrington Square	625 do.	Automatic self-acting syphon.
Upper Montague Mews	530 do.	do. do.
New Turnstile	600 do.	Screw-down penstock.

The water used in the above tanks amounted to 1,186,000 gallons.

The following sewers were flushed by water obtained from the New River Company's mains, through leather

hose, during the summer months; the quantity of water used was 1,918,525 gallons:—

Abbey Place.	Maynard Street.
Alfred Mews.	Middle Yard.
Bainbridge Street.	Monarch Yard.
Bedford Avenue.	Neal's Yard.
Bernard Mews.	New Yard.
Calsen Yard.	North Crescent.
Charlotte Mews.	Queen's Head Yard.
Church Passage.	Queen Street.
Compton Mews.	Redcar Yard.
Dunn's Passage.	Ridgmount Gardens.
Galen Place.	Ridgmount Street.
Gate Street.	Serle Street.
George Yard.	Southampton Mews.
Goldsmith Street.	Stone Yard.
Gower Mews.	Tavistock Mews.
Kennedy Court.	Tichborne Court.
Lawrence Street.	Woburn Mews.
Little Denmark Street.	Woburn Mews East.
Little White Lion Street.	

The street gully pits, which intercept solid matter which would otherwise enter the sewers, were emptied, and their contents loaded into carts and taken away. The quantity thus removed amounted to 1,894 van loads; there were also 51 van loads of solid matter removed from the sewers, the total amounting to over 5,000 cubic yards.

Street Cleansing.

In March last Edward Cave, who had been Foreman of Scavengers for nearly 23 years, died, and on the advice of your Engineer it was resolved to appoint two Foremen in his place—one to assist the Inspector of scavenging and street watering, in superintending the work in the District north of High Holborn and New Oxford Street, and the other to perform similar duties south of those thoroughfares, the street sweepers being divided into four gangs instead of five as heretofore.

The street orderly staff therefore now consists of 50 men, and comprise 2 foremen, 4 gangers, and 44 sweepers.

In addition to the manual labour employed, two sweeping machines, drawn by horses, were used in sweeping the carriage ways.

The street sweepings carried away during the year amounted to a total of 6,329 van-loads, equal to about 19,000 cubic yards.

The surfaces of the following public-ways were flushed twice weekly during the summer months; the quantity of water used amounted to 5,627,970 gallons:—

- | | |
|----------------------------|-------------------------|
| *Bernard Mews. | *Lloyd's Court. |
| *Bloomsbury Court. | *Little Wild Street. |
| *Castle Street. | *Lumber Court. |
| Clarke's Buildings. | Maynard Street. |
| Denmark Place. | *Middle Yard. |
| *Dunn's Passage. | *Monarch Yard. |
| *Drury Lane. | *Montague Mews. |
| *Eagle Street. | *Neal's Yard. |
| *Galen Place. | New Turnstile |
| *Gate Street. | *New Yard. |
| *George Yard. | *Nottingham Court. |
| Great Queen Street Arches. | *Parker Street. |
| *Green Dragon Yard. | Phoenix Street. |
| *Great Turnstile. | Queen's Head Yard. |
| *Hall's Yard. | *Sardinia Place. |
| Holborn Place. | Sardinia Street arches. |
| *Hunter Mews. | *Shelton Street. |
| *Kennedy Court. | *Southampton Mews. |
| Lascelles Court. | *Stacey Street. |
| Lascelles Place. | Tichborne Court. |
| Lawrence Street. | *Tower Street. |
| Little Turnstile. | Twyford Buildings. |
| *Little Earl Street. | Vine Street. |
| Little Denmark Street. | *Wild Court. |

The streets in the above list marked with an asterisk were flushed the whole year round.

The carriage-ways of the main thoroughfares were washed frequently during the year by means of water distributed by watering carts. The cost of this washing is included in the two items for street cleansing and street watering, given hereafter.

The main thoroughfares in the District were watered twice on Sundays during the summer months, between the hours of 7 a.m. and 1 p.m., and the market streets between 12 and 2.30, when the condition of the weather rendered it desirable. In the latter watering, disinfectants were added to the water in the carts.

COST OF STREET CLEANSING.

The total cost of street cleansing for the year, including the Sunday work, was as follows:—

Wages of men	...	...	...	...	...	£3,638	2	10
Brooms, scrapers, shovels, etc., and clothing for								
men	...	...	...	...	...	481	17	11
Cartage of slop and street sweepings and hire of								
horses for street sweeping machines, removal								
of manure, etc.	...	...	...	...	...	3,525	8	0
Removal of snow, additional labour, cartage, etc.						19	3	5
Water for flushing surfaces of courts, etc.					...	157	7	6
						<hr/>		
						£7,821	19	8
						<hr/> <hr/>		

Street Watering.

The watering of the public-ways was performed by contract, the contractor supplying all carts, horses, and drivers required, at a fixed price for the whole work for

the year. A small hand water-cart was employed to water those courts and alleys in the district not available for vehicular traffic, or which were too narrow for the vans drawn by horses to enter. The total quantity of water used, including that used for washing the surfaces of the asphalte and wood paved roads, amounted to 4,926,000 gallons. During the summer months, permanganate of potash was added to the contents of the watering carts, one ounce being used to 400 gallons of water.

The amount paid for water, meter hire, repairs				
to stand posts, etc., was	...	...	...	£196 12 9
To Contractor for horses, carts, and drivers	...			1,010 16 0
For permanganate of potash	...	...	...	27 0 0
				<hr/>
				£1,234 8 9
				<hr/> <hr/>

Removal of Dust.

The dust and ashes were removed from the houses in the District by contract, the contractor providing all necessary carts, horses, and men, and performing the whole work at a cost of £3,650. The refuse removed amounted to 10,830 van loads, equal to over 32,000 cubic yards.

The disinfection of the dust-bins in the District with carbolic acid powder, after their contents had been removed by the contractor's men, was continued during the year, the cost of the disinfectant used being £8 18s. 9d.

Limewhiting Courts.

The walls at the entrances to the following yards, courts, mews, etc., in the District were twice cleansed and limewhited during the year at a cost of £44 :—

Calsen Yard.
Compton Mews.
Denmark Place.
Dunn's Passage.
Hall's Yard.
Henrietta Mews.
Hunter Mews.
Kennedy Court.
Lascelles Court.
Little Guilford Street.
Middle Yard.

Neal's Yard.
New Yard.
Nottingham Court.
Plummer's Court.
Portsmouth Place.
Queen's Head Yard.
Sardinia Place.
Sardinia Street.
Silver Street.
Southampton Mews.
Woburn Mews.

Underground Lavatories.

The Underground Lavatories in High Holborn to which reference was made in the last Report were opened to the public on the 22nd September, 1897. The accommodation provided for men is 18 urinals, 14 water closets, and three lavatory basins. The cost of the work was £4,346 7s. 10d., towards which a contribution of £200 was made by the Wenlock Brewery Company, in consideration of the removal of the urinal in Parker Street from in front of their premises, "The Running Horse" Public House, and £112 1s. 9d. was received as fees for the right of advertising on the hoarding enclosing the works, making the net cost to the Board £4,034 6s. 1d.

As shewing the great use of underground lavatories, it may be interesting to give the result of a census of the persons using those within the St. Giles District, taken in January and February, 1898.

MEN'S LAVATORIES.	Total num-ber using convenience in one week.	Number using water closets.	Number using urinals.	Average per day of Total.	Equals per annum.
Shaftesbury Avenue...	15,210	743	14,467	2,173	793,145
New Oxford Street ...	51,808	3,456	48,352	7,401	2,701,365
High Holborn ...	23,727	1,243	22,484	3,390	1,237,350

The number of persons using the urinals were obtained by deducting those using the w.c's from the total.

The persons using the Lavatory basins were not considered, it being assumed that every person using them also used either a water closet or urinal.

WOMEN'S LAVATORIES.	Total num-ber using convenience in one week.	Number using water closets.	Number using lavatory basins.	Average per day of Total.	Equals per annum.
Shaftesbury Avenue...	599	591	8	86	31,390
New Oxford Street ...	3,592	3,461	131	513	187,245
High Holborn ...	935	880	55	133	48,545

Public Urinals.

The public urinal in Morwell Street, which stood upon a piece of land leased from the Duke of Bedford, was, at the request of the Duke's representative, closed, and the materials forming the same were subsequently removed.

The following is a list of the public urinals above ground in the St. Giles District:—

Colonnade ...	Compartments.	6	Short's Gardens...	Compartments.	6
Dunn's Passage ...	...	5	Southampton Mews	...	2
Galen Place ...	...	3	Torrington Mews	...	1
Little Guilford Street ...	...	4	Whetstone Park	...	3
Seven Dials ...	...	6			

The quantity of water used at the above ground urinals within the District, during the year was 1,885,000 gallons.

The quantity used at the underground lavatories was 3,452,000 gallons.

Public Lighting.

The following are the number of lamps within the District.

Lamp-posts with well lanterns	...	...	...	695
Ditto with square lanterns	...	...	...	200
Large lamps on street-crossing refuges and over underground conveniences	...	...	...	40
Bracket lamps with well lanterns	...	...	...	147
Ditto with old square lanterns	...	...	...	100
Total	...	...	...	1,182

The amount paid for gas, including the lighting and extinguishing, cleansing and maintenance of the lanterns, was £4,155 10s. 8d.

Hydraulic Power Mains.

Cast-iron pipes for the supply of hydraulic pressure have been laid during the year in the following streets in the District, permission to do so having been first obtained from the Board:—

Bloomsbury Street.	Torrington Mews.
Bedford Square.	Kemble Street.
Gower Street	Sardinia Street.
Keppel Street.	Tottenham Court Road.
Keppel Mews North.	Hyde Street.
Little Torrington Street.	Southampton Row.

Street Refuges.

The street crossing refuge at the west end of Guilford Street was at the request of the Police, altered in shape and placed a few yards lower down the street.

An additional refuge on which is placed the men's entrance to the new underground lavatory, has been formed in High Holborn, opposite the Royal Music Hall.

The following is a list of those now existing in the District:—

Bedford Place ...	...	south end.
Broad Street ...	...	east of Endell Street.
Charing Cross Road ...	...	north end, by High Street.
Do. ...	...	by New Compton Street.
Do. ...	...	south end, by Cambridge Circus.
Endell Street ...	...	north end, by Broad Street.
Guilford Street ...	...	west end, by Russell Square.
Gower Street ...	...	at junction with Keppel Street and Store Street.
High Holborn ...	...	opposite the Royal Music Hall (entrance to underground Lavatories).
Do. ...	...	east of Little Queen Street.
Do. ...	...	west of Little Queen Street.
Do. ...	...	at junction with New Oxford Street.
Do. ...	...	" " Drury Lane and Broad Street.
High Street ...	...	at north end, by New Oxford Street (entrance to underground Lavatories).
New Oxford Street ...	...	west of its junction with Bloomsbury Street.
Do. ...	...	east of its junction with Bloomsbury Street.
Do. ...	...	by Hart Street.
Do. ...	...	west end, by Tottenham Court Road.
Do. ...	...	at junction with Charing Cross Road (entrance to underground Lavatories).
Russell Square ...	...	by Southampton Row.
Shaftesbury Avenue ...	...	by New Oxford Street.
Do. ...	...	opposite French Church.
Do. ...	...	" 212, Shaftesbury Avenue.
Do. ...	...	" north - west corner of Broad Street.
Do. ...	...	" Dyott Street.
Do. ...	...	west of Endell Street.
Do. ...	...	opposite Clarke's Buildings.
Do. ...	...	opposite south-east corner of High Street.
Do. ...	...	by Great St. Andrew Street.
Do. ...	...	by Little Earl Street.
Theobald's Road ...	...	west end, by Southampton Row.
Tottenham Court Road ...	...	south end, by New Oxford Street.

Street Improvements—Little Guilford Street and Little Coram Street.

On the 28th July last, the Board received a communication from the Bedford Office to the effect that the leases of the houses on the west side of Little Guilford Street and Little Coram Street, being about to expire, the Duke of Bedford intended pulling down the property, as also the houses in Abbey Place, Tavistock Mews, and Woburn Mews at the rear, and, conditional on the Board paving, sewerage, and lighting the same, the Duke would give up so much of the land as would widen the streets to 40 feet. The Board agreed to the proposals of the Duke, and the property has since been demolished, and contracts have been entered into by your Board for the necessary paving works. The work of widening the streets and paving them will be commenced shortly.

This will effect a very great improvement in this portion of the District, *cul de sacs* in which ventilation was restricted, and a considerable area of old property which in its arrangement and conditions was far from sanitary, being done away with. The two above-named streets, with Colonnade Mews, which is also being widened on its western side by the Duke of Bedford, will form one continuous line of thoroughfare from Guilford Street to Tavistock Place, which has, with the consent of the London County Council, been renamed Herbrand Street.

Queen's Jubilee.

The year 1897, forming the completion of the 60th year's reign of Her Majesty the Queen Victoria, the Board appointed a special Committee to consider what steps

should be taken to commemorate the same in the District and on its recommendation your Board resolved to erect a Drinking Fountain in New Oxford Street at its junction with Shaftesbury Avenue. Various designs for the same were submitted by your Engineer, and considered by the Committee, who ultimately adopted one consisting of Corrennie and Rubslaw granite, grey and red in colour.

The contract for the same was intrusted to Mr. John Fyfe, of Aberdeen, and the work of erection completed and the Fountain opened to public use, on the 14th December last.

Kiosks.

Application was made to your Board on the 15th May, 1897, by the Streets Syndicate, Limited, for permission to erect on the public way, on sites to be selected by the Board, certain kiosks, for advertising and telephonic purposes. Your Board, after considerable discussion, consented to the erection of the kiosks at the following situations :—

High Holborn, South side, opposite No. 250.

Refuge, North end of Shaftesbury Avenue, at its junction with New Oxford Street.

High Street, at its junction with New Oxford Street.

After their erection, the one in Shaftesbury Avenue was considered by your Board to be on several grounds in so unsuitable a position, that the Syndicate were requested to remove it to another site—that ultimately chosen being on the wide piece of footway on the south side of New Oxford Street, opposite the New West Central Post Office, recently erected in Hyde Street.

Underground Telephone Wires.

On the application of the National Telephone Company, to lay cast-iron pipes to contain telephone cables beneath certain public-ways in the District, permission was granted by your Board on certain conditions which were embodied in an agreement entered into between the Company and the Board. The Company proceeded to lay the mains during the month of October in High Holborn, Broad Street, and Shaftesbury Avenue, extending from the eastern boundary of the District to the subway in Shaftesbury Avenue belonging to the London County Council, with a branch at Endell Street leading up to and along Bloomsbury Street, Bedford Square, and Gower Street as far as to the boundary of the St. Giles' District.

The following information with respect to the St. Giles District may be of interest:—

Its superficial area is about 245 acres.

Length of public ways, 15 miles 7 furlongs.

Total length of public and private ways, 16 miles.

The superficial area of carriage-ways is 47 acres, 1 rood, 247 yards.

Do.	do.	footways is	...	24	do.	0	do.	321	do.
-----	-----	-------------	-----	----	-----	---	-----	-----	-----

	The total area of public-ways	71	do.	1	do.	568	do.
Total number of public lamps	...	...	...	...	...	1,182	
Do.	iron guard-posts	...	...	...	...	323	
Do.	granite do.	...	...	...	...	32	
Do.	trees	...	...	...	...	160	
Do.	do. guards	...	...	...	...	153	
Do.	water-posts	...	...	...	...	11	
Do.	street gullies	...	...	...	...	1,135	
Do.	sewer air-shafts to local sewers opening on to the street surface...	...	...	...	...	247	
Do.	do. do. to main sewers	do.	do.	do.	do.	55	
Do.	air shafts to local sewers carried up the fronts of adjacent buildings	...	...	...	...	19	

Total number of air shafts to main sewer	...	...	1
Do.	manhole covers over sewers, flushing tanks, &c.	...	62
Do.	manhole covers over subways belonging to the London County Council...		14
Do.	sewer side-entrances to local sewers	...	80
Do.	to main sewers	...	19
Do.	street orderly bins for street sweepings	...	74
Do.	bins to contain ballast for spreading over pavings when slippery	...	34

Contracts.

The following Contracts for materials and works have been entered into by the Board, and are now in force:—

Name and address of the contractor.	Nature of contract.	Term of contract.
Mr. W. GRIFFITHS, Hamilton House, Bishopsgate St., E.C.	For the supply of granite kerb, Yorkshire stone, &c., at a schedule of prices.	For one year from 25th March, 1898.
Messrs. MOWLEM & Co., Grosvenor Wharf, Millbank.	For the supply of sand ballast, hogan, and shell ballast, at a schedule of prices.	Ditto.
Mr. G. COOKSON, Tinworth Street, Albert Embankment.	For the carting away of road sweepings from the public ways, the cartage of soil raised from gullies, &c., the removal of manure, the removal of dust and ashes from houses, watering and washing the public ways, and the supply of two horses, harness, and drivers for street-sweeping machines, &c., for the sum of £8,175 per annum.	For three years from 25th March, 1896.

Contracts—*continued.*

Name and address of the contractor.	Nature of contract.	Term of Contract.
F. A. JACKSON & SON, LIMITED, Stroud Green Road, N.	For the cartage of materials, rubbish, &c., at a schedule of prices.	For one year from 25th March, 1898.
MESSRS. ADCOCK, EASTON and Co., Charteris Works, Charteris Road, Finsbury Park.	For the supply of disinfectants at a schedule of prices.	Ditto.
MESSRS. C. W. KILLING- BACK & Co., Bewley Cliff Wharf, James Street, Camden Town	Maintenance of sewers, &c., in streets set forth on page 49 of this Report.	For one year from the completion of the works, free of charge to the Board.

The Board has also entered into Contracts with several Paving Contractors for the maintenance of wood and asphalte pavements in various streets in the District, the contracts extending over periods varying from six to seventeen years, from the date of the formation of the pavements; and also with several contractors, tradesmen, and others, for the supply of ironwork, drain pipes, lime, cement, etc., the execution of works, and the supply of goods and materials.

I have the honour to remain, Gentlemen,

Your obedient servant,

G. WALLACE,

Engineer and Surveyor.

ANALYST'S REPORT.

CLERKENWELL TOWN HALL,
ROSEBERRY AVENUE, E.C.

7th June, 1898.

TO THE BOARD OF WORKS FOR THE
ST. GILES DISTRICT.

GENTLEMEN,

I have the honour to present to you a report upon the samples submitted to me for analysis under the Sale of Food and Drugs Act during the year ending the 31st March, 1898.

The total number of samples examined during the twelve months was 406—a larger number than in the five preceding years, when the totals were as follows:—

1892-3	...	...	...	...	220
1893-4	...	...	...	...	266
1894-5	...	...	...	...	348
1895-6	...	...	...	...	318
1896-7	...	...	...	...	375

The 406 samples purchased during the year were all handed to me by the Board's Inspectors, Messrs. William

Henry Bond and John Robinson, who submitted 201 and 205 samples respectively.

In the following table will be found a summary of the articles analysed during each quarter of the year and their nature and quality.

ARTICLE.	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		TOTAL.		GRAND TOTAL.
	Gen.	Adult.	Gen.	Adult.	Gen.	Adult.	Gen.	Adult.	Gen.	Adult.	
Milk	52	12	60	4	52	4	56	6	220	26	246
Butter	38	6	23	1	11	1	29	5	101	13	114
Bread	—	—	—	—	12	—	—	—	12	—	12
Brandy	—	—	—	—	6	—	—	—	6	—	6
Gin	—	—	—	—	7	—	—	—	7	—	7
Rum	—	—	—	—	7	—	—	—	7	—	7
Whisky	—	—	—	—	8	—	—	—	8	—	8
Lard	—	—	—	—	—	—	6	—	6	—	6
Totals	90	18	83	5	103	5	91	11	367	39	406

It will be observed that 39 of the samples have been certified to be adulterated—a little more than 10·6 per cent. The percentage for the five previous years is given below.

Year.	No. of Samples examined.	No. Adulterated.	Percentage of Adulterated Samples.
1892-3	220	19	8·6
1893-4	266	51	19·1
1894-5	348	45	12·9
1895-6	318	29	9·1
1896-7	375	57	15·2

It is satisfactory to notice the considerable decrease in the number of adulterated samples during the past twelve months, doubtless due to the activity displayed in carrying out the provisions of the Sale of Food and Drugs Act.

Milk.

As in past years much attention has been given to the milk supply of the District, no fewer than 246 samples of this article having been submitted for analysis. Of these 15 were found to be of poor quality, only just escaping classification as adulterated samples by a narrow margin. Vendors of such fluids have, I understand, received special attention.

Twenty-six samples were found to be adulterated either by the addition of water or by the removal of fat. The percentage of adulteration compares very favourably with that of the preceding year, the figures being 10·8 and 18·5 respectively.

The nature and amount of the adulteration in each case are as follows :—

No. of Sample.	Nature and Amount of Adulteration.			
	1ST QUARTER (ending 30th June, 1897).			
G 377	At least 8·0 per cent. of fat removed.			
G 391	do.	9·4	do.	do.
G 31	do.	15·3	do.	do.
G 62	do.	20·0	do.	do.
G 5	do.	22·0	do.	do.
G 6	do.	22·4	do.	do.
G 375	do.	26·7	do.	do.
G 46	At least 4·0 per cent. of water added.			
G 368	do.	8·0	do.	do.
G 376	do.	9·7	do.	do.
G 11	At least 16·0 per cent. of water added, and at least 3·0 per cent. of fat removed.			
G 370	At least 29·9 per cent. of water added, and at least 30·4 per cent. of fat removed.			

No. of Sample.	Nature and Amount of Adulteration.
2ND QUARTER (ending 30th September, 1897).	
G 118	At least 11·3 per cent. of fat removed.
G 97	do. 15·7 do. do.
G 117	do. 24·0 do. do.
G 81	At least 6·6 per cent. of water added, and at least 22·4 per cent. of fat removed.
3RD QUARTER (ending 31st December, 1897).	
G 232	At least 10·3 per cent. of water added.
G 222	do. 11·7 do. do.
G 225	do. 13·6 do. do.
G 190	do. 17·2 do. do.
4TH QUARTER (ending 31st March, 1898).	
G 289	At least 12·6 per cent. of fat removed.
G 319	do. 20·0 do. do.
G 327	do. 20·6 do. do.
G 304	At least 3·9 per cent. of water added.
G 349	do. 4·5 do. do.
G 326	do. 11·2 do. do.

The amount of water added varied from 3·9 to 17·2 per cent. and the fat removed from 8 to 26·7 per cent. In three cases not only was water added but a considerable quantity of fat had been removed

I cannot leave the subject of milk supply without pointing out the urgent necessity for some amendment of the law so as to afford greater facilities for proceeding against givers of false warranties. It is a matter closely related to milk supply.

Butter.

114 samples of butter were examined of which 13 (11·4 per cent.) were found to be adulterated with quantities of foreign fat varying from 40 to 80 per cent.

No. of Samples.	Nature and Amount of Adulteration.			
	1ST QUARTER.			
G 16	At least 40 per cent. of foreign fat.			
G 58	do.	50	do.	do.
G 381	do.	60	do.	do.
G 384	do.	65	do.	do.
G 382	do.	70	do.	do.
G 53	do.	80	do.	do.
	2ND QUARTER.			
G 105	At least 75 per cent. of foreign fat.			
	3RD QUARTER.			
G 192	At least 75 per cent. of foreign fat.			
	4TH QUARTER.			
G 333	At least 65 per cent. of foreign fat.			
G 307	do.	70	do.	do.
G 288	do.	80	do.	do.
G 321	do.	80	do.	do.
G 339	do.	80	do.	do.

Spirits, Bread and Lard.

All the samples of these articles were certified to be "not adulterated" and were for the most part of good quality.

"Food and Drugs Act Amendment Act."

I venture once more to point out that it is extremely important that this proposed bill should embody the principal recommendations of the Select Committee on Food Products Adulteration more especially with regard to the formation of the Court of Reference, the question of warranties referred to above, and the qualifications of persons appointed to the position of Public Analysts.

I am, Gentlemen,

Your obedient servant,

J. KEAR COLWELL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

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THE ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

TO THE BOARD OF WORKS FOR THE ST. GILES
DISTRICT.

GENTLEMEN,

I have the honour of submitting to you herewith my Annual Report of the St. Giles District, with the usual Vital Statistics for the Year ending 31st December, 1897.

Area.

St. Giles District comprises the two parishes of St. Giles-in-the-Fields, and St. George, Bloomsbury, an area of 245 acres, nearly equally divided between the two parishes.

For civil registration purposes it is formed into three sub-districts, viz :—

1. St. George, Bloomsbury.
2. St. Giles, South.
3. St. Giles, North.

Houses.

According to the Census 1891 there were 3,729 inhabited houses.

The average number of persons in each house was 10·2.

Population.

The enumerated population of the District according to the quinquennial Census taken in March, 1896, was 38,237, a decrease of 14,462 persons since the Census enumeration of 1851.

Marriages and Marriage-rate.

1897.	Population (Census 1896).	Number of Marriages.	Marriage- rate per 1,000.
St. Giles District ...	38,237	440	23·0

The marriages registered in the St. Giles District during the year 1897 were 440, compared with 369, 371 and 408 in the three preceding years. The 880 persons married were equal to an annual marriage-rate of 23·0 per 1,000, a rate of 6·0 per 1,000 higher than that of the decennial average 1887-96.

The 440 marriages were celebrated in the following Churches, Chapels and Buildings registered for the solemnisation of marriages.

Name of Building.	Denomination.	Number of Marriages.
Parish Church, St. Giles-in-the-Fields	Established Church	87
Parish Church, St. George, Bloomsbury	Ditto	104
Holy Trinity Church, Little Queen Street	Ditto	25
Christ Church, Woburn Square ...	Ditto	33
Sardinia Chapel, Sardinia Street ...	Roman Catholic ...	30
Bloomsbury Chapel, Shaftesbury Avenue	Baptist	9
Little Wild Street Chapel	Ditto	—
Kingsgate Street Chapel	Ditto	—
Soho Chapel, Shaftesbury Avenue ...	Ditto	1
Keppel Street Chapel	Ditto	1
Great Queen Street Chapel	Wesleyan	2
Église Suisse, Endell Street	Swiss Reformed Church	6
Superintendent - Registrar's Office, Broad Street	Civil	142
Total number of Marriages ...		440

Of these 249 were according to the rights of the Established Church; 30 were according to the rights of the Roman Catholics; 19 were according to the rights of the Nonconformists; 142 were at the Superintendent-Registrar's Office.

In London the Marriages during the year numbered 41,223 and the persons married 82,446, equal to an annual rate of 18·5 per 1,000 of the population.

In England and Wales the Marriage-rate in 1897 was 16·0 per 1,000, being the highest rate in any year since 1876 and 0·9 per 1,000 above the mean rate in the ten years 1887-96.

Births and Birth-rates.

REGISTRATION SUB-DISTRICTS.	Population (Census 1896).	Number of Births.	Ratio of Births to Population	Birth-rate per 1,000.
St. George, Bloomsbury... ..	16,110	282	1 in 57·1	17·5
St. Giles, South	12,976	521	1 in 24·9	40·1
St. Giles, North... ..	9,151	178	1 in 51·4	19·4
St. Giles District	38,237	981	1 in 38·9	25·6

The registered births during the year were 981; 504 males and 477 females, corresponding to an annual birth-rate of 25·6 per 1,000, a rate of 1·6 per 1,000 lower than the average rate of the decennial period 1887-96.

The ratio of births to population was 1 in 38·9.

The natural increase of the population of the District during the year by the excess of births over deaths was 305.

The birth-rate of the parish of St. Giles-in-the-Fields was 31·5 being 14·0 per 1,000 higher than that of the parish of St. George, Bloomsbury.

The high birth-rate of the parish of St. Giles-in-the-Fields was again largely caused by the great number of births at the Peabody Buildings, Great Wild Street, and the British Lying-in Hospital, Endell Street.

According to the Annual Summary of the Registrar-General, there were 133,618 births registered in London, equal to an annual birth-rate of 30·0 per 1,000.

The birth-rate in England and Wales in 1897 was 29·7 per 1,000 of the population, which is equal to the rate in 1896, and lower than that in any other year on record excepting 1894.

Deaths and Death-rates.

REGISTRATION SUB-DISTRICTS.	Population (Census 1896).	Regis- tered Deaths.	Deaths (cor- rected).	Ratio of Deaths to Population	Death- rate per 1,000.
St. George, Bloomsbury ...	16,110	141	187	1 in 86·1	11·6
St. Giles, South ...	12,976	283	350	1 in 37·0	26·9
St. Giles, North ...	9,151	118	139	1 in 65·8	15·1
St. Giles District ...	38,237	542	676	1 in 56·5	17·6

The deaths registered in St. Giles District during the year were :—

Males	...	...	305
Females	...	...	237
Total	...	...	<u>542</u>

As this number does not accurately represent the death-rate, it must be corrected by adding the 199 deaths of parishioners in hospitals, asylums, &c., situated outside the District, and by deducting the 65 deaths of non-parishioners, in public institutions inside the District, viz, 26 at the French Hospital, Shaftesbury Avenue, two at the British Lying-in-Hospital, Endell Street, and 37 at the Parish Workhouse, Endell Street.

With these corrections the deaths for the three registration Sub-districts are :—

St. George, Bloomsbury	...	...	...	...	187
St. Giles, South	...	...	...	...	350
St. Giles, North	...	...	...	...	139
					676
			Total	...	...

This number gives one death in 65·8 of the population, and is equal to an annual death-rate of 17·6 per 1,000, the average death-rate for ten years being 21·7, it is apparent that the death-rate last year was 4·1 per 1,000 lower than the decennial average 1887-96.

The death-rate of the parish of St. Giles-in-the-Fields was 22·0 per 1,000, being 10·4 per 1,000 higher than the rate of St. George, Bloomsbury.

The 163 deaths at the Workhouse, and at Cleveland Street Sick Asylum largely contributed to this heavy death-rate.

In all London the registered deaths were 80,943 equal to an annual death-rate of 18·2 per 1,000.

In England and Wales the 541,426 deaths registered in 1897 were equal to a death-rate of 17·4 per 1,000,

which is lower than the rate in any previous year, excepting 1894 and 1896.

The Mortality of Infants.

Of the 676 deaths registered last year, 146 were infants under one year of age; this mortality of infants, measured by the proportion of deaths under one year of age to registered births, was 148 per 1,000.

The deaths of young children between the ages of one and five years were 70, giving a total of 216 deaths among children under 5 years.

The diseases which caused the greatest fatality among children under 5 were :—Bronchitis, 39; premature birth, 20; convulsions, 19; atrophy and debility, 17; whooping-cough, 17; diarrhœa, 14; enteritis, 13; and suffocation in bed with parents, 9.

In England and Wales, the rate of mortality among infants under one year of age to 1,000 registered births was 156, which was 8 per 1,000 above the mean roportion in the ten years, 1887-96.

Senile Mortality.

The mortality among persons aged 65 years and upwards was 138.

The deaths occurred at the following advanced ages :

42	between	65	and	70	years.
68	„	70	„	80	„
27	„	80	„	90	„
		and	1	at	92

One hundred and six of the deaths were caused chiefly from diseases of the brain, heart, and lungs; 32 died from "decay of nature."

Uncertified Deaths.

In 1897 no death was registered as "uncertified."

This is the third year in succession that every death has been duly certified either by a duly qualified Medical Practitioner or by the Coroner.

In all London 0.6 per cent. of the deaths were not certified.

In England and Wales there were 11,071 cases or 2.0 per cent.

It is unsatisfactory that any death should be registered as "uncertified," it ought to be obligatory in default of a Medical Certificate or Inquest that a post-mortem examination should be ordered for the purpose of ascertaining the cause of death.

Deaths in Public Institutions

(within the District).

1.—The Parish Workhouse, Endell Street.

During 1897 the number of inmates was 628.

The number of deaths during the year amongst them was as follows:—

1st Quarter	...	...	...	...	36
2nd Quarter	...	...	...	...	30
3rd Quarter	...	...	...	...	27
4th Quarter	...	...	...	...	28
Total	...	...	...	...	121

This equals an annual death-rate of 19.2 per 1,000.

37 of the 121 were deaths of non-parishioners or described as "unknown."

In addition to the deaths at the Workhouse, 42 parishioners died at the Central Sick Asylum, Cleveland Street, where they were received for Medical treatment.

Of the 29 notifications of infectious cases received were 28 from erysipelas. The one from enteric fever was contracted outside the Workhouse.

2.—The French Hospital, Shaftesbury Avenue.

There were 32 deaths, 26 were non-parishioners.

24 of the deaths were caused from diseases of the heart and lungs.

There was one zymotic death, from enteric fever, and one from accident—"fracture of the ribs."

24 of the deaths occurred between the ages of 25 and 65 years, and 3 above 65.

3.—The British Lying-in Hospital, Endell Street.

This is the oldest lying-in hospital in London; it was founded in 1749, and rebuilt in 1849 for the purpose of assisting poor married women at their delivery.

The Medical Report for 1897 states that during the year 187 women were delivered in the wards with one maternal death. The patient was in a dying condition from complication of heart and lung mischief on admission, and her case was hopeless.

The total number of children born was 189—of these one died 7 days after birth from debility.

In the out-patient department 390 mothers were delivered, 8 children were born dead, and 4 others died within a few days of birth, but there was no maternal death.

Deaths in Hospitals, Lunatic Asylums, Workhouse Infirmaries, and other places situated outside the District.

According to the Weekly Returns furnished to me from the Registrar-General's Office, Somerset House, 199 Parishioners belonging to the united Parishes of St. Giles-in-the-Fields, and St. George, Bloomsbury, died in the following outlying public Institutions:—

Institution.	Number of Deaths.	Institution.	Number of Deaths.
Sick Asylum, Cleveland Street...	42	Brought forward ...	151
Western Fever Hospital ...	3	London Hospital ...	1
North Western Hospital ...	3	St. Thomas's Hospital...	1
South Western Hospital ...	2	Darenth Asylum ...	3
North Eastern Hospital ...	1	Colney Hatch Asylum ...	7
Fountain Hospital ...	1	Caterham Asylum ...	3
Middlesex Hospital ...	15	Hoxton House Asylum ...	1
King's College Hospital ...	23	Cane Hill Asylum ...	2
University College Hospital ...	16	Ilford Asylum ...	1
Charing Cross Hospital...	15	Hanwell Asylum ...	4
Children's (Paddington) Hospital	1	Leavesden Asylum ...	2
Children's (Great Ormond Street) Hospital ...	8	St. Luke's Asylum ...	1
Children's (Evelina) Hospital...	1	St. Pancras Workhouse ...	2
Home (Fitzroy Square) Hospital	1	Wandsworth Workhouse ...	1
Italian Hospital ...	1	Westminster Workhouse ...	2
Spanish Hospital ...	1	St. Saviour's Workhouse ...	1
German Hospital ...	2	Islington Workhouse ...	1
National Hospital ...	1	Lambeth Workhouse ..	1
Incurables ...	1	St. Pelagia's Crèche ...	1
Homœopathic Hospital...	3	Friedenheim Home of Rest ...	1
Westminster Hospital ...	1	Society for Prevention of Cruelty to Children ...	1
St. George's Hospital ...	2	Holloway Prison ...	1
Royal Chest Hospital ...	3	River Thames ...	1
Temperance Hospital ...	1	Private Addresses ...	9
Royal Free Hospital ...	3		
Carried over ...	151	Total ...	199

Artizans' Dwellings.

1.—Buildings belonging to the Peabody Donation Fund,

General Office, 64, Queen Street, E.C.

Secretary—Mr. J. CROUCH.

A.—The Great Wild Street Block.

Superintendent—Mr. MANSHIP.

The vital statistics of this block of buildings in 1897 are shown as follows.

Great Wild Street Block.	1897.	Average for 10 years, 1887-96.	Above Decennial Average.	Below Decennial Average.
Birth-rate	30·2	40·6	—	10·4
Death-rate	14·3	16·6	—	2·3
Zymotic death-rate ...	3·5	3·4	0·1	—

The average number of persons in residence during the year was 1,391, 1,159 adults, and 232 children under five years.

There were 42 births, equal to annual birth-rate of 30·2 per 1,000, and 20 deaths, corresponding to a death-rate of 14·3 per 1,000.

There were five zymotic deaths, viz.: diphtheria 1, measles 1, and diarrhœa 3, these equalled a rate of 3·5 per 1,000.

Thirteen of the total deaths, including those from the infectious diseases, were those of young children.

Twenty-two notifications were received, viz.: scarlet fever 14, diphtheria 5, enteric fever 1, erysipelas 1, and membranous croup 1.

B.—The Little Coram Street Block.

Superintendent, Mr. WHENMAN.

The vital Statistics for this block are shown as under :—

Little Coram Street Block.	1897.	Average for 10 years— 1887-96.	Above Decennial Average.	Below Decennial Average.
Birth-rate	30·5	42·7	—	12·2
Death-rate	11·4	18·6	—	7·2
Zymotic death-rate ...	3·7	3·6	0·1	—

During the year 1897 there were 785 residents in this block, 658 adults and 127 children. There were 24 births, equal to a birth-rate of 30·5 per 1,000, and 9 deaths (3 adults and 6 children), corresponding to the low death-rate of 11·4 per 1,000.

There were 3 deaths from infectious disease, causing a zymotic death-rate of 3·7 per 1,000. 15 notifications were forwarded respecting 9 cases of scarlet fever, 5 of erysipelas, and 1 of enteric fever.

The Trustees of the Peabody Donation Fund, in their 33rd Annual Report for the year 1897, state that the net gain of the year from rents and interest has been £32,320 0s. 3d.

At the end of the year the Trustees had provided for the artizan and labouring poor of London 11,367 rooms.

The average rent of each dwelling was 4s. 9½d. a week,

and of each room 2s. 2d. The number of persons in residence on the 31st December last was 19,741, showing a mean density of 725 people to the acre, or nearly 13 times that of London.

The birth-rate for the year was 34·9 per 1,000, which is 4·9 per 1,000 above that of all London for the same period. The death-rate was 15·4 per 1,000, which is 2·8 per 1,000 below the average of London.

The infant mortality was 137·3 in each 1,000 births, or 21·9 below that of London.

2.—Buildings belonging to the Incorporated Society for Improving the Condition of the Working Classes.

Secretary, Mr. HUMPHREYS, 8, Southampton Row, W.C.

A.—The Model Houses, Streatham Street, W.C.

Superintendent, Mr. SAYERS.

The birth, death, and zymotic death-rates for 1897, and the decennial average for 1887-96, are shown in the following table:—

Model Buildings, Streatham Street.	1897.	Average for 10 years, 1887-96.	Above Decennial Average.	Below Decennial Average.
Birth-rate	20·9	25·7	—	4·8
Death-rate	10·4	17·8	—	7·4
Zymotic death-rate ...	—	1·4	—	—

The number of persons who occupied this block during the year was 191, of these 42 were young children. There were 4 births and 2 deaths, equal to a birth-rate of 20·9 and a death-rate of 10·4 per 1,000 respectively. There was no zymotic death, and only one notification of infectious disease was received.

3.—Buildings belonging to the Central London Dwellings Company.
Office, 9, Granby Place, Drury Lane, W.C.

A.—The Thurstan and Holland Model Buildings, Newton Street, W.C.

Superintendent, Mr. CHRISTIE.

The birth, death, and zymotic death-rates for 1897 and the decennial average for 1887-96 are shown in the following table:—

Thurstan and Holland Buildings.	1897.	Average for 10 years 1887-96.	Above Decennial Average.	Below Decennial Average.
Birth-rate	50·2	28·4	21·8	—
Death rate	18·2	26·8	—	8·6
Zymotic death-rate ...	4·5	4·8	—	0·3

The number of residents in these two blocks was 219, 42 being young children.

The 11 births were equal to a birth-rate of 50·2 per 1,000, and the 4 deaths made an annual death-rate of 18·2 per 1,000.

There was one zymotic death, viz.—from whooping-cough, and 5 notifications (scarlet fever) were received.

4—Buildings belonging to the London County Council.

General Office, 9, Spring Gardens, S.W.

Agent for the Council, MR. ANDREW YOUNG.

Aldwych Buildings, Shelton Street	Nos. 1 to 30
Cotterell " "	" 1 to 4
Lindsay " Macklin Street	" 1 to 6
Powis " "	" 1 to 15
Wimbledon " "	" 1 to 8

The birth, death, and zymotic death-rates for the year 1897 are shown in the following table :—

Shelton and Macklin Street Buildings.	1897.
Birth-rate	39·2
Death-rate	23·5
Zymotic death-rate	7·8

The number of persons residing in these buildings in 1897 is reported to be 255, viz., 153 adults, and 102 children.

There were 10 births, and six deaths, including two from zymotic diseases.

Seven notifications of scarlet fever were received, five from Aldwych, one from Powis, and one from Wimbledon Buildings.

The following are the conditions of occupation to be observed by the tenants :—

1. Each tenant, on taking possession, will be supplied with one key of each lock in the tenement, and two of the entrance door. Any tenant may be charged the cost of replacing any key lost or damaged by him.

2. The rents shall be paid in advance to the Collector, who will call for them. The Council may apply any rents so paid in advance towards replacing any keys lost or damaged, or repairing any damage for which a tenant may be liable, vide rule 9, and such rents then shall thereupon be deemed to be due and owing to the Council as rents in arrear.

3. No tenant shall underlet or take in lodgers, or use a tenement as a shop or a workshop, or expose any goods or materials for sale or hire therein, nor assign this agreement.

4. The stairs and landing shall be swept daily, and washed every Saturday, by the tenants in turn, in the order directed by the Valuer of the Council.

5. Tenants shall sweep all the floors of their tenements regularly and wash them once a week, and generally keep their tenements in a clean and wholesome condition.

6. Tenants shall not hang up in the staircase or from their windows or in any way expose to public view any washing or any unsightly objects whatever.

7. Carpets, mats &c., must be beaten or shaken before 10 o'clock in the morning, and must not be beaten or shaken at any time in the buildings.

8. Refuse must not be thrown from the windows or doors but must be deposited in a pail, which will be supplied for the purpose. The pails must be emptied daily by the tenants into the bins in the yard.

9. Tenants must pay the cost of replacing any windows broken in their tenements during their tenancy, and of any damage to the rooms other than ordinary wear and tear.

10. Tenants are to clean their windows at least once a week.

11. Tenants shall immediately report to the Valuer, through the Superintendent, any birth, case of infectious disease, or death in their tenements. Tenants shall cause

any case of infectious disease to be removed to the proper hospital without delay.

12. The Council shall be at liberty, by its agents or workmen, to enter any tenement to take the readings of the gas-meter and collect the pence, or to inspect the state of repair of the tenement, or for any other purpose, at all reasonable hours of the day.

13. Nails on no account are to be driven into the walls. Picture rails are provided in the living rooms and proper hooks may be used for hanging pictures thereon. If it is desired to hang pictures in the bedrooms only picture hooks of an approved pattern may be used.

14. Tenants shall conform to any directions the Valuer may give as to turning out the lights on the staircases and closing any entrance gates at night.

15 The Council may determine any tenancy on giving to the tenant a week's notice signed by the Valuer; such notice may expire at any time. In the case of breach by the tenant of any of these regulations the Valuer may determine the tenancy summarily at any time.

16. Any tenant wishing to vacate his tenement shall give one week's previous notice in writing to the Valuer; such notice to expire on a Saturday.

Deaths in Certain Classes of Diseases.

CLASS 1.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.

This class of diseases, called "Zymotic," comprises in the Registrar-General's arrangement of the causes of death, six orders. The first and second orders ("miasmatic" and "diarrhœal") include the diseases which the Registrar-General describes as the seven principal diseases of the zymotic class; the term "fever" includes "typhus," "enteric or typhoid" and "simple continued forms of fever."

The zymotic death-rate is made up from these seven diseases, as they are considered to be more or less of a preventable character.

In St. Giles' District the 63 deaths were equal to a zymotic death-rate of 1·6 per 1,000, a rate 0·6 per 1,000 lower than the one for the preceding year, and 0·5 lower than the rate for the decennial average.

In Registration London the same diseases caused 11,543 deaths, equal to a rate of 2·56 per 1,000.

In England and Wales 67,051 deaths were attributed to these zymotic diseases, corresponding to a rate of 2·15 per 1,000 living, against 2·17 and 2·21 respectively in the preceding two years.

MIASMATIC ORDER.

1.—SMALL-POX (decennial average, 0·7).

Year.	No. of Notifications Received.	Removals to Hospital.	No. of Deaths.
1897.	*4	*4	0

During the Quarter ending December, 1896, there were only 4 admissions of small-pox patients to the hospitals of the Metropolitan Asylums Board from the whole of London.

During the Quarter ending March, 1897, there were 70 admissions and 13 deaths.

During the Quarter ending June, 1897, there were 20 admissions and 1 death.

During the Quarter ending September, 1897, there were 5 admissions and no death.

During the Quarter ending December, 1897, there were no admissions.

In January and February, 1897, there were 4 sudden outbreaks of the disease over the Metropolis in 5 separate groups as follows:—

1. At Seamen's Hospital, Greenwich.
2. At Camberwell Infirmary.
3. At Great Russell Street (St. Giles-in-the-Fields).
4. At Central Sick Asylum, Cleveland Street (Strand District).
5. Connection unknown.

Small-pox was absent from St. Giles District from August, 1895, until January, 1897, when 3 cases were notified from a private lodging-house in Great Russell Street (Group 3).

The particulars are as follows:—

No. 1. L.O., a female, aged 39, housekeeper, was taken ill about the end of December, 1896, and detained at home, where she was treated for chicken-pox.

No. 2. A male, aged 26, husband of the above, vaccinated in infancy, contracted small-pox from No. 1.

No. 3. A female, aged 21, related to Nos. 1 and 2, vaccinated in infancy, also contracted the disease from No. 1.

In addition to these three cases 2 or 3 friends who visited the house were supposed to have caught the disease there.

No 4*. On 28th June, a notification was received that a child aged 11 years residing in Betterton Street, was suffering from small-pox the patient was promptly removed to the shelter at South Wharf, Rotherhithe, but was sent back the same day, the disease being pronounced chicken-pox.

The total number of patients certified to be suffering from small-pox removed in the Metropolitan Asylums Board's Ambulances from their homes was 121, 26 of these were immediately returned, the diagnosis not being confirmed, leaving 95 which were admitted to the Managers' Hospitals. Again 34 of this number were found, after observation, not to be suffering from the disease, and were sent home. This makes a total of 71 cases confirmed out of a total of 121 removed.

The total deaths from small-pox in England and Wales during 1897 were 25.

2.—MEASLES (decennial average 26·3).

The 9 deaths in 1897, all young children, were considerably below the average.

Of the total deaths only one occurred during the first 3 quarters of the year.

Measles is a highly infectious disease, and very liable to prove fatal unless proper care is taken of the patient and medical advice sought for in the earliest stages of the complaint.

The Local Government Board has not yet sanctioned

the notification of measles as one of the infectious diseases, though many Local Authorities are in favour of it.

Some Medical Officers of Health consider the notification of Measles undesirable on the ground that it would be useless, as at the present time the Asylums Board does not possess the requisite hospital accommodation necessary for the reception of these patients.

Personally I am not in favour of removal on account of the majority of the patients being attacked at so early an age, but I consider notification desirable, as it would enable the Sanitary Authority to visit, with a view of excluding children from attendance at public schools from infected homes.

3.—SCARLET FEVER (decennial average 6·5).

Year.	No. of Notifications received.	Removals to Hospital.	No. of Deaths in Hospital.	No. of Deaths at Home.	Total No. of Deaths.
1897	205	164	6	1	7

The 7 deaths in 1897 (6 children under 5 years of age) were again slightly above the average.

It will be seen from the above table how largely the hospitals of the Asylums Board are made use of for the treatment of this disease.

A breach of Section 70 of the Public Health (London) Act 1891 having coming to my knowledge in November, when a child suffering from Scarlet Fever was removed in a street cab to a railway station and thence by train to a

suburban town, the parents were summoned to Bow Street Police Court, where the magistrate inflicted fines amounting to £6 and £3 5s. 0d. costs.

It was ascertained that no intimation of the nature of the disease had been given either to the cab driver or the Railway Authorities.

4.—DIPHTHERIA (decennial average 14·2).

Year.	No. of Notifications received.	Removals to Hospital.	No. of Deaths in Hospital.	No. of Deaths at Home.	Total No. of Deaths.
1897	54	41	4 in General Hospitals 1 at Asylums Board	1	6

The 6 deaths of children in 1897 were considerably below the decennial average 14·2.

Of the 41 removals to hospital 16 were admitted to the Asylums Board, and 25 to general public hospitals.

“The prevalence of diphtheria in London during the fifty two registration weeks of 1897 was as shown by the returns actually and relatively a good deal less than that recorded in the 52 weeks of the preceding registration year.

“In 1896 the 14,224 notified cases yielded an average weekly total of 268, and the 12,811 attacks in 1897 produced an average of 246 cases weekly.

“The 2,683 deaths in 1896 yielded a case mortality of 18·9 per cent. The deaths fell to 2,262 last year, and yielded a case mortality of 17·7 per cent.

“Hence last year there was a fall both in the amount, and the fatality of diphtheria in the Metropolis as compared with 1896” (*Lancet*).

The following is a copy of a letter received from the Managers of the Asylums Board in reference to a supply of anti-toxic serum being sent out to the Metropolitan Medical Officers of Health for distribution amongst Medical Practitioners in the District when their patients, suffering from diphtheria, are unable to obtain admission into the Board's hospitals:—

NORFOLK HOUSE,

VICTORIA EMBANKMENT, W.C.

21st December, 1897.

DEAR SIR,

You are probably aware that for some time past the Managers have been in the habit of distributing, through their Medical Superintendents, a supply of anti-toxic serum for the use of patients suffering from diphtheria, who are unable to obtain admission into the Board's hospitals.

Under the existing arrangement a warrant for the gratuitous supply of anti-toxic serum is forwarded from this office to every general practitioner who is unable to obtain the immediate removal of a case of diphtheria to hospital, and this warrant is despatched by post from this office to the Medical Practitioner immediately it is distinctly ascertained that the patient cannot be received into one of the Board's hospitals.

The Managers however have reason to believe that in some cases (from causes beyond their control), delay has occurred before anti-toxin is in the hands of the Medical Practitioner, and they think that its distribution may in many cases be accelerated by placing a supply in the hands of the several Metropolitan Medical Officers of Health, as well as in the hands of the Board's Medical Superintendents.

With this object I am directed to enquire, whether in the event of pressure upon the Board's accommodation again necessitating the temporary refusal of diphtheria cases, you will be willing to receive and distribute the serum in the manner proposed? Should you be

willing to do this, a supply with full directions as to use, will be sent to you directly the emergency may be expected to arise, from the laboratory at the Examination Hall of the Royal College of Physicians and the Royal College of Surgeons, Victoria Embankment, W.C.

Yours faithfully,

(Signed) T. DUNCOMBE MANN,
Clerk to the Board.

To Dr. S. R. LOVETT,
Medical Officer of Health,
Bloomsbury.

I replied to this communication expressing my willingness to accede to the request.

5.—WHOOPIING COUGH (decennial average 18·2).

Of the 18 deaths from it in 1897, 10 were infants under 1 year, and 7 between 1 and 5 years. Both whooping-cough and measles are practically epidemic every two years. The poor, as a rule, consider them trivial, and necessary diseases of childhood, consequently the doctor is seldom consulted about them until serious symptoms set in.

6.—CONTINUED FEVERS (decennial average 7·1).

Year.	No. of Notifications received.	Removals to Hospital.	No. of Deaths in Hospital.	No. of Deaths at Home.	Total No. of Deaths.
1897	31	Asylums' Board ... 7 General Hospitals. 17	5	1	6

Continued fevers include "typhus", "simple continued" and "typhoid."

In 1897, all the cases notified were of the enteric or typhoid form.

Of the 31 cases reported, 6 were fatal,

None of the cases were traceable to the Maidstone or any other local outbreaks, which were reported in the Autumn.

The deaths occurred as follows :—

Date.	Sex and Age.	Residence.
Jan. 5th	M. 28	Non-parishioner.
Jan. 15th	F. 10	35, Great Queen Street.
Feb. 27th	M. 14	2B, Peabody Buildings, Little Coram St.
March 12th	F. 25	244, High Holborn.
July 11th	M. 9	21, Dyott Street.
Nov. 7th	M. 47	32, Great Queen Street.

Enteric fever is nothing like so infectious as diphtheria or scarlet fever, one of the principal dangers, especially in the autumn, is drinking a specifically infected water supply. The attention of householders should be frequently drawn to the necessity for the periodical cleansing of cisterns containing drinking water. These cisterns should be properly covered to exclude light and dust, and should be conveniently placed for examination and cleansing.

7.—DIARRHŒA (decennial average 20·5).

The 17 deaths in 1897 were 3 below the average; 14 were of young children and occurred during the hot weather in August.

One of the chief causes of diarrhœa during the Summer months is the decomposition of milk in the feeding bottles of infants.

INFECTIOUS DISEASES.—NOTIFICATIONS.

Excluding London, where it is compulsory, notification is adopted in 654 out of a total of 671 Rural Districts, and in 904 out of 1088 Urban Districts.

In St. Giles District during the past year 433 Certificates, including 41 duplicates, were received from Medical Practitioners under the 55th Section of the Public Health (London) Act, 1891.

	Small-pox.	Scarlet Fever.	Diphtheria.	Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Total.	Average for the 3 yrs., 1894-5-6.
Cases notified ...	*4	207	54	2	31	2	94	†394	327
Duplicates ...	—	9	7	—	6	—	17	39	25
Total Certificates	4	216	61	2	37	2	111	433	351

* One case notified in error.

† In weekly list of new cases issued by the Metropolitan Asylums Board, the gross total of 397 includes 4 duplicates, viz., 2 scarlet and 2 enteric, and excludes 1 small pox, *vide* *. This accounts for the discrepancy between the two returns.

The Annual Report of the Ambulance Committee of the Metropolitan Asylums Board points out that both scarlet fever and diphtheria were less prevalent during the year 1897 than in 1896.

Of scarlet fever (all London) 22,850 cases were notified, as compared with 25,647 in 1896; and of diphtheria, 12,803 cases, as against 13,362 in the previous year.

INFECTIOUS DISEASES.—REMOVALS TO HOSPITALS.

The following table shows the number of patients suffering from infectious diseases received into the

Asylums Board Hospitals and the general public hospitals during 1897, from the St. Giles District:—

Diseases.	Asylums Board Hospitals.	General Hospitals.	Total.
Small-Pox	4*	—	4
Scarlet Fever	168	—	168
Diphtheria	21	20	41
Enteric Fever	7	17	24
	200	37	237

* One case returned as Chicken-Pox.

The total number of fever patients removed from all London to the Asylums Board Hospitals during the year was 22,795 as compared with 22,152 in 1896.

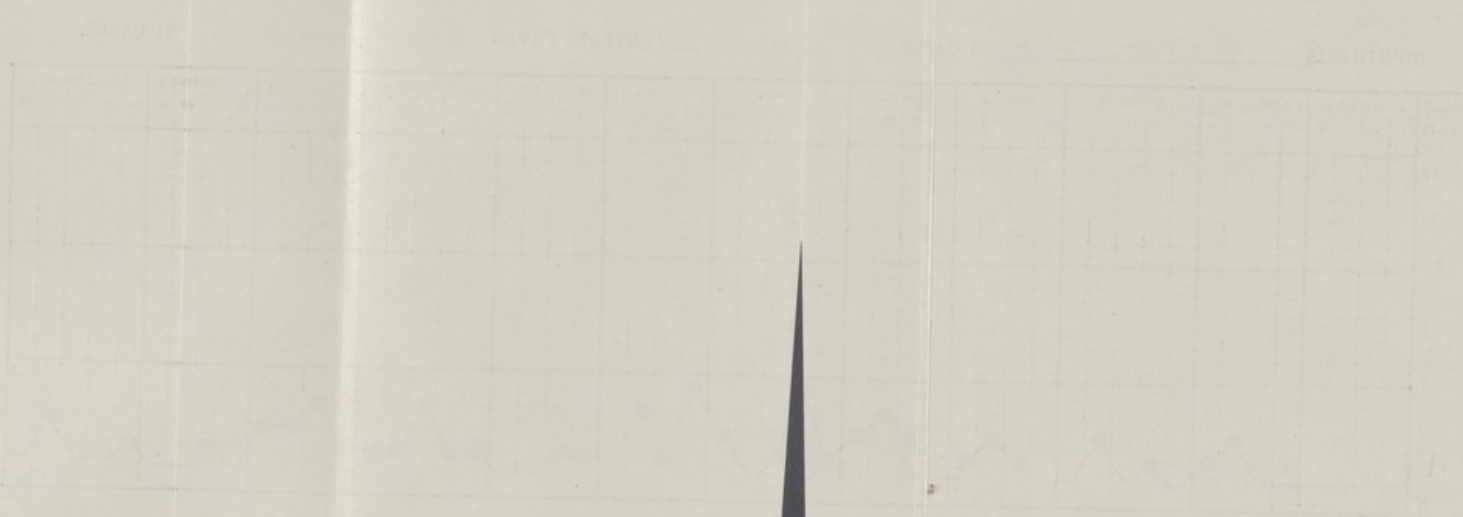
The removals of small-pox patients numbered 121 as compared with 265 in 1896.

The aggregate removals of infectious cases during the year including the transfer of patients from one hospital to another numbered 42,758.

AMBULANCE ARRANGEMENTS.

Patients from the St. Giles District are removed by the staff at the Western Station which adjoins the Western Hospital at Seagrave Road, Fulham, S.W., between 8 a.m. and 8 p.m.; on weekdays cases for removal are reported at the Manager's Central Offices, Norfolk House, Norfolk Street, Strand, W.C., these being in telephonic communication with the station. During the night, and on Sundays, and on Christmas Day and Good Friday, application for a patient's removal is for

CHART SHOWING WEEK BY WEEK WEIGHT LOSS OF PATIENT



warded direct to the Ambulance Station. The Manager's telegraphic address is "Asylums Board, London," their telephone numbers are, "2858 and 2859—Gerrard."

OTHER MIASMATIC DISEASES.

ASIATIC CHOLERA.

No notification was received during 1897 of any person arriving in the District from Foreign Ports infected with Cholera.

THE PLAGUE IN BOMBAY.

In conformity with the general order of the Local Government Board as to regulations respecting Cholera, Plague, and Yellow Fever, viz, that "no person on board an infected ship shall be permitted to land unless he satisfies the Medical Officer of the Port as to his name, intended place of destination and intended address, which is to be communicated to the Local Sanitary Authorities in order that their Officers may keep such persons under observation," I received the following communication:—

PORT SANITARY OFFICE,
AUDIT STREET,
SOUTHAMPTON.

7th April, 1897.

SIR,

I have to inform you that the following passenger has arrived in apparently good health by the Troopship "Dilwara," from Bombay, on board which a death from Plague occurred, and is proceeding to your District,—Corporal Dillon, 13, Arthur Street, W.C.

A. W. HARRIS,
Port Medical Officer.

Upon receipt of this information, I visited Corporal Dillon, and found him to be in good health.

Plague which has been so prevalent in India, might readily be introduced by merchandise into this country, if due precautions were not taken by the several Port Sanitary Authorities to prevent its introduction.

In reference to the great Plague of London in 1665 I have read that this District suffered severely from the disease, and that there were 3,216 interments from it in the burial grounds of St. Giles-in-the-Fields alone.

INFLUENZA.

There were six deaths as compared with 23, 34, and one, in the preceding three years respectively.

The deaths in 1897 were all adults between 25 and 65 years of age.

According to the Registrar-General's weekly returns, Influenza mortality prevailed in London throughout the year, and that no less than 671 deaths were attributed to it.

The progress of influenza seems irresistible, and there appears to be no known method of escaping from its infection.

It is stated that horses and probably most other animals, including cats, which probably often serve as channels of infection, are liable to the disease.

The disease is no doubt carried through the air by the prevailing winds to long distances, for it is heard of in all directions.

II.—CONSTITUTIONAL AND TUBERCULAR DISEASES.

The diseases of this important class, which include malignant cancer, tabes mesenterica, meningitis, phthisis, and other forms of scrofula and tubercular disease, accounted for 186 of the total deaths, the majority occurring between the ages of 25 and 65. One hundred and twenty nine of these were due to phthisis or consumption of the lungs, and 22 to cancer.

LOCAL DISEASES.

There were 347 deaths in this class, which comprises 11 orders, viz., diseases of nervous, circulatory, respiratory, digestive, lymphatic, urinary, generative, locomotive, and integumentary systems, also diseases of organs of special sense and accidents of childbirth.

The diseases of 2 systems, viz., the circulatory and respiratory, accounted for 181.

The greatest fatality was again amongst the very young and old, viz., 95 children under 5 years of age and 77 aged.

IV.—SUDDEN AND VIOLENT DEATHS.

INQUESTS AND CORONER'S COURT.

Coroner's Officer: Mr. JOHN BRYANT, 7, Cobden Buildings,
King's Cross Road, N.W.

Causes of Death.		St. George, Blooms- bury.	St. Giles- in-the- Fields.	Total.
From Natural Causes.	{ Diseases of the nervous system ...	2	7	9
	{ Diseases of the circulatory system ...	5	9	14
	{ Diseases of the respiratory system ...	1	5	6
	{ Zymotic Diseases	1	1	2
	{ Other diseases	2	4	6
From Accidental Causes.	{ Fractures, falls, contusions, &c. ...	3	10	13
	{ Suffocation (in bed with parents) ...	3	6	9
	{ Do. (swallowing false teeth) ...	—	1	1
	{ Do. (impacted meat in throat) ...	—	1	1
	{ Do. (when intoxicated) ...	—	2	2
	{ Burns, scalds	1	2	3
	{ Poison (chlorodyne)	—	1	1
	{ Do. (opium)	—	1	1
	{ Do. (cyanide of Potassium)	—	1	1
	{ Do. (carbolic acid)	1	1	2
From Suicidal Causes.	{ Drowning	—	1	1
	{ Poison (Prussic acid)	—	1	1
	{ Do. (opium)	1	—	1
	{ Do. (nitric acid)	—	1	1
	{ Drowning	—	1	1
	{ Cut-throat	1	—	1
From Wilful Causes.	{ Hanging	—	2	2
	{ Fracture of Skull (manslaughter) ...	—	1	1
	{ Do. (murder)	—	1	1
Total ...		21	60	81

It will be seen from this table that 81 inquests were held during the year, being at the rate of 11·9 per cent. of total deaths.

Fifty-five of the enquiries took place at the Coroner's Court, Goldsmith Street, and 26 at Public Institutions situated outside the district, where the deceased had been removed for treatment.

37 of the deaths were due to natural causes.

35	do.	do.	Injuries.
7	do.	do.	Suicide.
2	do.	do.	Homicide.

Five of the deaths were non-parishioners.

The following are among the verdicts returned by the Coroner:—

“Knocked down by cab when crossing road.”

“Suffocated when intoxicated.”

“Scalds by upsetting hot coffee.”

“Knocked down by cab.”

“Fall when crossing road.”

“Fall from roof.”

“Injury to head, falling when ascending omnibus in motion.”

“Fell into River Thames off a wall.”

“Slipping while getting out of brake and falling between wheels of van.”

“Carbolic Acid poison taken in mistake for beer.”

do. do. do. claret.”

“Cyanide of Potassium taken in mistake for water.”

“Suffocation head downwards in coal-cellar, the deceased having fallen over some railings. Accident.”

“Swallowing false teeth, suffocation. Accident.”

THE PUBLIC MORTUARY, GOLDSMITH STREET.

During the year 77 bodies were deposited in the Mortuary, of these 12 were non-parishioners.

Some were brought in by the relatives of the deceased, others by the police, but the majority were sent in by the order of the Coroner.

Four who died from infectious diseases were deposited in the chamber set apart for the purpose.

Post-mortem examinations were made in 38 Cases.

The total number of bodies received since the opening of the building in 1883 is 1,047.

Bye-laws as to Houses let in Lodgings.

(54 and 55 Vic., Cap. 76 ; Sec. 94, Sub-sec. 1.)

Section I. replaces 29 & 30 Vic., Cap. 90, and 38 Vic., Cap. 89, and gives power to Sanitary Authorities to make and enforce bye-laws as are requisite for the following matters, that is to say,

(a) For fixing the number of persons who may occupy a house or part of a house, which is let in lodgings or occupied by members of more than one family, and for the separation of the sexes in a house so let or occupied.

(b) For the registration of houses so let or occupied.

(c) For the inspection of such houses.

(d) For enforcing drainage of such houses, and for promoting cleanliness and ventilation in such houses.

(e) For the cleansing and limewashing at stated times of the premises.

(f) For the taking of precautions in case of any infectious disease.

Section II. does not apply to common lodging houses within the Common Lodging-Houses Act, 1851, or any Act amending the same.

In this District the following 575 houses are registered under the regulations made by your Board, and confirmed by the Local Government Board in 1887, and which have been continuously employed with the most satisfactory results.

Locality.	No. of Houses.	Locality.	No. of Houses.
Andrew Street, Great Saint	27	Parker Street	3
Andrew Street, Little Saint	13	Phoenix Street	13
Arthur Street	21	Portsmouth Street	4
Betterton Street	27	Queen Street	8
Clark's Buildings	8	Sardinia Street	6
Compton Street, New	59	Sardinia Place	7
Denmark Place	6	Sheffield Street	1
Drury Lane	25	Short's Gardens	12
Dudley Street (now Shaftesbury Avenue)	28	Smart's Buildings... ..	7
Dyott Street	12	Stacey Street	15
Eagle Street... ..	2	Stanhope Street	1
Earl Street, Little	9	Tower Street	5
Goldsmith Street	8	Twyford's Buildings	6
Handel Street	27	Turnstile, New	8
Kemble Street	10	West Street	10
Kenton Street	62	Wild Court... ..	5
Kingsgate Street	11	Wild Street, Great	24
Lumber Court	12	Wild Street, Little	12
Neal Street	41	White Lion Street, Great... ..	8
Nottingham Court	12		

Two registered owners were summoned for failure to abate breach of regulations. Both owners were convicted,

and fined 40s. and 2s. costs, and £1 per day for every day the breach of regulations existed from the date of the notice served by the Board to the date of final abatement. The fines and costs amounted to £63 2s., and £56 2s. respectively.

Common Lodging-Houses Acts, 1851 and 1853.

The Secretary of State, by a Provisional Order which came into operation 1st November, 1894, transferred to the London County Council the powers of the Commissioners of Metropolitan Police in respect of Common Lodging-Houses.

The following is the list of the Common Lodging-Houses in this District.

Locality.	Name of Keeper.	Residence of Keeper.	Authorised Number of Lodgers.
No. 11, Short's Gardens ...	Mr. J. Biss ...	181, High Holborn ...	36
" 12, ditto ...	Ditto	Ditto	62
" 13, ditto ...	Ditto	Ditto	20
" 20, ditto ...	Ditto	Ditto	34
" 21, ditto ...	Ditto	Ditto	46
" 22, ditto ...	Ditto	Ditto	36
" 6, Betterton Street ...	Mrs. E. Cooper ...	6, Betterton Street ..	95
" 6, Wild Court ...	Mr. A. Humphrey	8, Southampton Row	35
" 7, ditto ...	Ditto	Ditto	30
" 1, Macklin Street ...	Ditto	Ditto	} 96
" 2, ditto ...	Ditto	Ditto	
" 3, ditto ...	Ditto	Ditto	
" 4, ditto ...	Ditto	Ditto	
" 5, ditto ...	Ditto	Ditto	
" 6, ditto ...	Ditto	Ditto	
" 7, ditto ...	Ditto	Ditto	
" 19, ditto ...	Mrs. M. Howell ...	24, Churchill Road ...	54
" 21, ditto ...	Ditto	Ditto	30
Parker Street Municipal Buildings ...	} Mr. A. Young {	London County Council, Offices, Spring Gardens	} 324
" 8, Parker Street ...				Mrs. E. Bresnahan	10, Parker Street ...	33
" 10, Parker Street (back addition) ...	Ditto	Ditto	50
" 36, Parker Street ...	Mr. Nesbitt ...	25, Great Queen Street	115
" 45, ditto ...	Mr. E. Leonard ...	2, Adelphi Terrace ..	33

Continued on next page,

Locality.	Name of Keeper.	Residence of Keeper.	Authorised Number of Lodgers.
No. 25, Great Queen Street	Mr. Nesbitt ..	25, Great Queen Street	50
" 16, Castle Street ...	Mrs. M. Connor ...	16, Castle Street ...	14
" 9, Dyott Street ...	Mrs. R. Hill ...	9, Dyott Street, ...	30
" 14, Lumber Court ...	Mr. W. Smith ...	21, Great Coram Street	73
" 3, Neal's Yard ...	Mr. T. Renwick ...	20, Queen Street ...	44
" 20, Queen Street ...	Ditto	Ditto	} 134
" 21, ditto ...	Ditto	Ditto	
" 22, ditto ...	Ditto	Ditto	
" 23, ditto ...	Ditto	Ditto	} 86
" 24, ditto ...	Ditto	Ditto	
" 25, ditto ...	Ditto	Ditto	} 72
" 12, Kemble Street ...	Mr. E. Nolloth ...	12, Kemble Street ...	
" 1, Kennedy Court ...	Mr. J. Walters ...	19, Newton Street ...	} 122
" 2, ditto ...	Ditto	Ditto	
" 3, ditto ...	Ditto	Ditto	
" 4, ditto ...	Ditto	Ditto	
" 5, ditto ...	Ditto	Ditto	

A total of 40 Common Lodging-Houses, registered for 1,854 lodgers.

Housing of the Working Classes Act, 1890.

(53 & 54 Vict., cap. 70.)

During the year 1897, the following 5 properties were dealt with, making a total of 154 houses closed since the passing of the Act :—

Locality.	Condition of Premises.
No. 178, Drury Lane	Closed. Reconstructed and re-opened.
" 66, Castle Street	Closed.
" 1, Little White Lion Street ...	Closed. Repaired and re-opened.
" 12, Sardinia Street	Closed.
" 33, Great Wild... ..	Closed.

Nos. 3, 4 and 5, Wild Court, closed in 1896, have been repaired and re-opened.

Nos. 1, 2, and 3, Marah's Buildings, closed in the same year, have been repaired and converted into Workshops.

No. 2, Great St. Andrew Street, closed in 1893, has been repaired and re-opened.

Customs and Inland Revenue Acts, 1890 and 1891.

PROVISIONS AS TO INHABITED HOUSE DUTY UPON HOUSES CONSTRUCTED IN SEPARATE DWELLINGS.

Certificates under Section 26 of the above Acts were asked for and granted to the Owners of the following premises, which, after inspection, were found to be so constructed as to afford suitable accommodation for each of the families inhabiting them, and that due provision was made for their sanitary requirements.

Owners.	Premises.
Peabody Donation Fund ...	Peabody Buildings, Great Wild Street, Blocks A to N. Peabody Buildings, Little Coram Street, Blocks A to H.
Incorporated Society for Im- proving the condition of the Working Classes ...	Model Houses, Streatham Street.
Central London Dwellings Company	Holland Buildings. Thurstan Buildings. Tenements over 21 and 27 Newton Street.
London County Council ...	1 to 30 Aldwych Buildings, Shelton Street. 1 to 4 Cotterell Buildings, Shelton Street. 1 to 6 Lindsey Buildings, Macklin Street. 1 to 15 Powis Buildings, Macklin Street. 1 to 8 Wimbledon Buildings, Mack- lin Street.

Water Supply.

During the year I inspected the undermentioned houses which had been newly erected, and found that they had a proper and sufficient supply of water, viz.,

Clarke's Mews	...	...	...	...	..	Stable and Workshops.
Clarke's Mews	...	...	...	...	...	Milk Stores.
21, New Yard	...	..	...	...	...	Stable.
22 do.	...	...	...	...	...	Printer's Shop.
18, Little Queen Street	...	...	...	...	...	Tavern.
141, 142, 143, and 144, Drury Lane	...	...	...	...	...	Tobacco Manufactory.
51, Marchmont Street	...	...	...	...	...	Tavern.
Block B. 41 to 73 Bedford Court Mansions	...	...	...	...	...	Flats.
61, Russell Square	...	...	...	...	...	Private House.
202, 203, 204, High Holborn	...	...	...	...	...	Flats and Shops.
55 and 56, Great Russell Street	...	...	...	...	...	Private Hotel.
39, Bedford Square	...	...	...	...	...	Private House.

Cleansing of Persons Act, 1897.

(Chapter 31.)

This Act permits Local Authorities to provide Cleansing and Disinfection of Persons infected with Vermin.

During August, a man residing in a Common Lodging-House came to the Stone Yard, and requested to have the free use of the disinfecting apparatus for cleansing his person and his clothing from vermin. He stripped in one of the sheds in the yard, and put on a clean shirt and trousers, which he brought with him. His dirty clothes were then disinfected in the Washington Lyons Steam Apparatus, and returned to him, excepting trousers and shirt, which at his request were destroyed.

Sanitary Work of the Year.

Table VI. Appendix gives a summary of the work carried out during the year by the Sanitary Inspectors

under the provisions of the Public Health (London) Act, 1891, and the Factory and Workshops Act, 1878 to 1891.

INSPECTIONS AND ORDERS.

Inspectors Bond and Robinson made 10,287 visits and inspections and served 1,138 notices for the abatement of various kinds of nuisances, and the sanitary amendment of houses and premises:

LEGAL PROCEEDINGS.

A large number of nuisances were removed on an intimation only; others required statutory notices to be served before the necessary work was done; and legal proceedings had to be resorted to in 42 cases to enforce the orders of your Sanitary Committee. In every case brought before the Magistrate, convictions with costs, were obtained.

Before legal proceedings are taken I inspect the nuisance in question and report to your Clerk as to the necessity of a summons being applied for.

OVERCROWDING.

The Sanitary Inspectors found 18 rooms overcrowded and served notices on the owners to reduce the number of inmates. It is not easy to detect overcrowding, as during the day many of the occupants are away from home and do not return until midnight. If the rooms were inspected after 12 at night, it is very probable that overcrowding would frequently be discovered, but Inspectors' visits at night time to tenement houses might probably lead to friction and trouble.

One of the causes of overcrowding in poor districts is the front door being always open at every man's command,

UNDERGROUND DWELLINGS.

Twelve underground rooms reported to be illegally occupied as sleeping places were order to be closed.

Underground kitchen cellars flourished at the time of Charles the First, and numbers of such dwellings are recorded to have existed in Dudley Street and other parts of the district, until the passing of the Metropolis Local Management Act, 1855, when stringent measures were taken to prevent their occupation.

ANIMALS IMPROPERLY KEPT.

A number of pigeons, fowls and dogs were ordered to be removed from rooms and premises as they were found to be a nuisance, injurious or dangerous to health.

UN SOUND FOOD.

Parcels of fish and baskets of vegetables found to be un-sound and unfit for food of man were from time to time brought to Stone Yard and destroyed.

The Market and other streets where food is sold are regularly kept under observation, and are visited by the Inspectors every Saturday evening.

FACTORIES, WORKSHOPS AND WORKPLACES.

118 Factories, Workshops, &c., were periodically visited by your Officers, and in all cases where it seemed to be necessary, measures were taken to diminish the number of persons in workshops so as to prevent overcrowding and to enforce the provisions as to cleanliness, ventilation, drainage &c.

In several instances where workpeople of both sexes

were employed, separate W.C. accommodation was ordered to be provided.

In accordance with section 27 of the Public Health (London) Act, 1891, notices were duly forwarded to the Factory Inspector of the District, where it was found that women, young persons, or children were employed.

SLAUGHTER-HOUSES.

At a special meeting of the Public Health and Housing Committee of the London County Council, held on the 25th October, licenses were renewed for the under-mentioned premises used as slaughter-houses:—

Locality.	Licensee.
No. 6, Drury Lane	Mr. C. Shortland.
No. 23, Store Street	Mr. Wm. Kingsmill.

Previous to the licensing day your Sanitary Committee visited the several premises, and on their recommendation the Board forwarded to the London County Council a resolution, "That the Board is still of opinion that Slaughter-houses and Cowhouses should not exist in crowded districts in the Metropolis."

In 1874, the number of Slaughter-houses in London was 1,500, in 1896 the number was reduced to 469.

COW-HOUSE.

At the same meeting, the Committee renewed the license to Mr. Jones for his Cow-house:—

Locality.	Licensee.	Dimensions of Shed.	No. of Cows Allowed.	No. of Cows in Shed at date of Renewal of License.
No. 4, Goldsmith Street	Mr. E. Jones	7,246 cubic feet.	9	4

BAKEHOUSES.—Section 26.

The bakehouses were periodically inspected during the year, and when found necessary orders were served for cleansing and lime-washing.

The * indicates the bakehouses, which are underground.

ST. GILES-IN-THE-FIELDS.

Premises.	Owner.
*160, Drury Lane	Mr. R. Fuchs.
200, Shaftesbury Avenue	Mr. Phillips.
48, High Street	Mrs. Trickey.
*63, High Street	Mr. Stumm.
*19, Little Earl Street	Mr. Vollmer.
*5, Little St. Andrew Street	Mr. Hummler.
25, Little St. Andrew Street	Mr. Mead.
*26, Little Queen Street	Mr. Smith.
*6, Torrington Place... ..	Mr. R. Parsons.
*233, Tottenham Court Road	Mr. Cossavella.

ST. GEORGE, BLOOMSBURY.

Premises.	Owner.
2, Bloomsbury Court	Mr. Cossavella.
*10, Bury Street	Mr. Hammond.
*38, Great Coram Street	Mr. Kistner.
162, High Holborn	Mr. H. B. Rahe.
*63, Kenton Street	Mr. Groom.
*21, Marchmont Street	Mr. J. W. Cameron.
*59, Marchmont Street	Mrs. Balfour.
*8, Museum Street	Mr. H. B. Rahe.
*28, New Oxford Street	Anglo-Austrian Bakery Co.
88, Southampton Row	Mr. Wm. Chalmers.
*34, Southampton Row	Mr. Muller.
*106, Southampton Row	Mr. Harris.
155, High Holborn	Mr. Fernandez.

DISINFECTION OF INFECTED PREMISES.

301 rooms were disinfected after the following infectious diseases :—

Small-pox	...	...	3
Scarlet Fever	...	...	212
Diphtheria	...	...	55
Enteric Fever	...	...	28
Membranous Croup	...	...	1
Puerperal Fever	...	...	2

Copies of Certificates are sent to the Head Teachers of schools after disinfection has been carried out in houses.

DISINFECTION OF BEDDING, CLOTHING, &c.

The following articles were brought to the Stone Yard and disinfected in the Washington Lyon's Steam apparatus :

Articles.	Number	Articles.	Number	Articles.	Number
Antimacassars ...	5	Cushions ...	99	Rugs ...	82
Aprons ...	12	Drawers ...	29	Scarves ...	3
Bags ...	2	Dresses ...	5	Shawls ...	84
Beds ...	239	Dress-bodices	29	Sheets ...	450
Bed-cases ...	20	Dress-skirts ...	27	Shirts ...	63
Bed-gowns ...	7	Dress'g Gowns	11	Slippers ...	2
Blankets ...	453	Frocks ...	37	Socks ...	25
Bolsters ...	158	Handkerchiefs	71	Stays ...	18
Bolster-cases ...	43	Jackets ...	36	Stockings ...	28
Brace ...	1	Mats ...	2	Sundry Articles	67
Capes ...	8	Mattresses ...	66	Table Cloths ...	16
Caps ...	1	Mattress-cases	11	Towels ...	138
Carpets ...	13	Neckties ...	1	Trousers ...	71
Carpet-pieces ...	53	Night Dresses.	92	Usters ...	2
Chemises ...	47	Paillasse ...	1	Valances ...	24
Cloaks ...	4	Petticoats ...	75	Vests ...	80
Coats ...	53	Pillows ...	541	Wrappers ...	2
Collars ...	12	Pillow-cases ...	413		
Counterpanes ...	217	Pinafores ...	12		
Curtains ...	37	Quilts... ...	62	Total ...	4,160

where there are children who go to school, so that the teachers may know when to re-admit the children from those houses.

Lists of infected premises are furnished to the Librarian of the St. Giles Public Library to prevent the issue of books to such houses.

During the summer months, weekly lists of infected premises are sent to the Committee of the Children's Holiday Fund.

DISINFECTANTS.

By order of your Board the disinfectants used for the following purposes are :—

1. *Chloride of Lime*, containing not less than 30 per cent. of chlorine, for disinfecting the soil and refuse matter removed from the catch-pit gullies and sewers and house drains.

2. *Sanitas Powder and Fluid*, for use in the Mortuary and post-mortem room.

3. *Permanganate of Potash* (crystals) in street, watering and flushing of courts and alleys.

4. *Perchloride of Mercury*, for the disinfection of drains, sewers and gulley-pits. A Mixture of this is made in the proportion of :—

Perchloride of Mercury...	8 ounces (3,500 grains).
Methylated Spirit	2 pints.
Aniline (green)	half an ounce.
Water to make	50 gallons.

5. *Tuson's Liquid Disinfectant*, for the underground conveniences.

6. *Kuna Pine*, for use in the Mortuary and post-mortem room.

7. *Carbolic Acid* (pale), containing not less than 95 per cent. of available Carbolic Acid for disinfecting urinals.

8. *Carbolic Acid* (prepared), soluble in water, containing not less than 25 per cent. of available carbolic acid. (This is not used as a disinfectant, but only for tracing drains.)

9. *Carbolic Acid Disinfecting Powder*, containing not less than 15 per cent. of available carbolic acid for deodorising dustbins.

10. *Carbolic Acid Crystals*, free from staining properties and corrosive matter, for use in the underground conveniences.

In conclusion I regret that during the past year no bye-laws have been made for the conduct of the business of a marine store dealer, nor has any legislation been enacted for regulating the making and vending of ice creams to children in the public streets.

I have the honour to be, Gentlemen,

Your obedient Servant,

S. R. LOVETT,

Licentiate of the Royal College of Physicians, Edinburgh ;

Licentiate of the Royal College of Surgeons, Ireland ;

Licentiate of the Society of Apothecaries, London ;

Vice-President (Past President) of the Incorporated Society of Medical Officers of Health ;

Fellow and Member of the Council of the Royal Institute of Public Health ;

Medical Officer of Health for the Ville of Lincoln's Inn ;

Medical Officer of Health for the District.

APPENDIX.

 TABULAR STATEMENTS.

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Returns for Tables I.—VI. were compiled by the Incorporated Society of Medical Officers of Health, with the object of securing uniformity in Statistical Returns.

TABLE I.

SHOWING THE POPULATION, NUMBER OF INHABITED HOUSES, MARRIAGES, BIRTHS AND DEATHS FOR THE YEAR 1897, AND TEN YEARS PRECEDING.

GROSS NUMBERS.

The Year.	Census 1896.		Marriages.	Registered Births.	Corrected Deaths.				
	Population.	Number of Inhabited Houses.			Total all ages.	Under one year.	Total under five years.	In Public Institutions outside the District.	In Public Institutions inside the District.
1897	38,237	3,729	440	981	*676	146	216	199	†155
1896	—	—	408	1,064	734	162	254	215	159
1895	—	—	371	1,120	851	185	273	196	190
1894	—	—	369	1,070	745	144	247	216	182
1893	—	—	341	1,094	926	155	263	272	177
1892	—	—	357	1,129	919	180	298	253	137
1891	—	—	370	1,146	1,092	213	352	261	246
1890	—	—	347	1,183	1,035	190	299	258	197
1889	—	—	322	1,197	904	176	296	233	109
1888	—	—	341	1,210	853	188	277	199	149
1887	—	—	318	1,214	1,045	217	144	213	161
Average for 10 years, 1887-1896.	—	—	354	1,142	910	181	270	231	170

NOTES.

- 1.—Population at Census, March, 1896—38,237.
- 2.—Average number of persons in each house—10·6.
- 3.—Area of {St. George, Bloomsbury, 121} 244 statute district {St. Giles-in-the-Fields, 123} acres.
- 4.—Rateable Value of the District, April, 1897—£436,499.

* Inclusive of the deaths of parishioners at Public Institutions outside the District, and exclusive of the deaths of non-parishioners at Public Institutions within the District.

† 155 persons died in Public Institutions inside the District, but 65 were non-parishioners.

TABLE II.

SHOWING THE ANNUAL BIRTH-RATE, DEATH-RATE, DEATH-RATES OF CHILDREN, AND PROPORTION OF DEATHS IN PUBLIC INSTITUTIONS IN A THOUSAND DEATHS FOR THE YEAR 1897 AND TEN YEARS PRECEDING.

In Year.	Birth-rate per 1,000 of the Population.	Death-rate per 1,000 of the Population.	Deaths of Children under 1 year per 1,000 of Registered Births.	Deaths of Children under 1 year per 1,000 of total Deaths.	Deaths of Children under 5 years per 1,000 of total Deaths.	Deaths in Public Institutions inside the District per 1,000 of total Deaths.
1897	25·6	17·6	148	215	319	238
1896	27·8	19·1	152	220	340	216
1895	28·1	21·3	165	217	320	152
1894	26·8	18·7	134	193	331	244
1893	27·4	23·2	141	167	284	191
1892	28·3	23·1	159	195	324	149
1891	28·8	27·4	185	195	322	225
1890	26·0	22·8	160	183	288	190
1889	26·3	19·9	147	194	327	120
1888	26·6	18·7	155	220	324	174
1887	26·7	23·0	178	207	345	154
Average of 10 years—1887 to 1896.	27·2	21·7	157	199	320	181

TABLE III.—DEATHS REGISTERED FROM ALL CAUSES IN THE YEAR 1897 (INCLUSIVE OF THE DEATHS OF PARISHIONERS AT HOSPITALS AND PUBLIC INSTITUTIONS OUTSIDE THE DISTRICT).

CAUSES OF DEATH.	AGES.						Total under Five Years of Age.	Grand Total all Ages.	SUB-DISTRICTS.		
	0 to 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.			St. George, Blooms-bury.	St. Giles, South.	St. Giles, North.
CLASSES.											
I. Specific Febrile or Zymotic Diseases	28	24	9	—	9	5	52	75	17	40	18
II. Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—
III. Dietic Diseases	—	—	—	—	9	—	—	9	2	6	1
IV. Constitutional Diseases	2	14	3	20	130	17	16	186	31	111	44
V. Developmental Diseases	26	—	—	—	1	32	26	59	17	31	11
VI. Local Diseases	65	30	4	12	159	77	95	347	101	171	75
VII. Deaths from Violence	9	1	5	3	20	6	10	44	11	19	14
VIII. Deaths from ill-defined and not-specified Causes ...	16	1	—	—	3	1	17	21	8	11	2
Total all Causes	146	70	21	35	331	138	216	741	187	389	165
ZYMOTIC DISEASES.											
Small Pox, Vaccinated	—	—	—	—	—	—	—	—	—	—	—
Ditto Unvaccinated	—	—	—	—	—	—	—	—	—	—	—
Ditto No Statement	—	—	—	—	—	—	—	—	—	—	—
Measles	3	5	1	—	—	—	8	9	4	4	1
Scarlet Fever	—	6	1	—	—	—	6	7	2	1	4
Typhus	—	—	—	—	—	—	—	—	—	—	—
Whooping-Cough	10	7	1	—	—	—	17	18	3	11	4
Diphtheria... ..	1	3	2	—	—	—	4	6	1	1	4
Simple Continued, Ill-defined, or Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—
Enteric or Typhoid Fever	—	—	3	—	3	—	—	6	1	3	2
Influenza	—	—	—	—	2	4	—	6	1	5	—
Simple Cholera	—	—	—	—	—	—	—	—	—	—	—
Diarrhœa, Dysentry	12	2	—	—	2	1	14	17	4	12	1
Remittent Fever	—	—	—	—	—	—	—	—	—	—	—
Hydrophobia	—	—	—	—	—	—	—	—	—	—	—
Glanders	—	—	—	—	—	—	—	—	—	—	—
Cowpox and Effects of Vaccination	—	—	—	—	—	—	—	—	—	—	—
Veneral Affections	—	1	—	—	—	—	1	1	—	1	—
Erysipelas	—	—	—	—	1	—	—	1	—	1	—
Pyæmia, Septicæmia	2	—	1	—	1	—	2	4	1	1	2
Puerperal Fever	—	—	—	—	—	—	—	—	—	—	—
Other Zymotic Diseases	—	—	—	—	—	—	—	—	—	—	—
PARASITIC DISEASES.											
Thrush	—	—	—	—	—	—	—	—	—	—	—
Worms, and other Animal Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—

DIETIC DISEASES.										
Want of Breast Milk, Starvation	—	—	—	—	—	—	—	—	—	—
Alcoholism	—	—	—	—	9	—	—	9	2	6
CONSTITUTIONAL DISEASES.										
Rheumatic Fever, Rheumatism of the Heart	—	—	—	2	1	—	—	3	2	1
Rheumatism	—	—	—	—	1	—	—	1	—	1
Gout	—	—	—	—	—	1	—	1	1	—
Rickets	—	3	—	—	—	—	3	3	—	3
Cancer	—	—	—	1	17	4	—	22	9	9
Tabes Mesenterica	—	1	—	—	—	—	1	1	—	1
Tubercular Meningitis	1	7	—	—	—	—	8	8	2	5
Phthisis	—	—	1	13	103	12	—	129	13	81
Other Forms of Tuberculosis, Scrofula	1	3	2	4	8	—	4	15	4	10
Other Constitutional Diseases	—	—	—	—	—	—	—	—	—	—
DEVELOPMENTAL DISEASES.										
Premature Birth... ..	20	—	—	—	—	—	20	20	5	10
Atelectasis... ..	1	—	—	—	—	—	1	1	1	—
Congenital Malformation	5	—	—	—	—	—	5	5	2	3
Old Age	—	—	—	—	1	32	—	33	9	18
LOCAL DISEASES.										
Apoplexy	—	—	—	—	12	10	—	22	2	13
Epilepsy	—	—	—	2	7	2	—	11	4	6
Convulsions	15	4	—	—	—	—	19	19	4	11
Other Diseases of Brain and Nervous System	—	—	—	—	16	10	—	26	4	18
Diseases of Organs of Special Sense	—	—	—	—	—	—	—	—	—	—
Diseases of Circulatory System	—	2	3	3	38	19	2	65	20	32
Croup	—	1	—	—	—	—	1	1	—	—
Bronchitis	26	13	—	—	26	18	39	83	23	43
Pneumonia	6	3	—	1	14	2	9	26	5	12
Pleurisy	—	—	—	1	2	—	—	3	1	2
Other Diseases of Respiratory System	1	2	—	—	—	—	3	3	—	1

TABLE III.—continued.

CAUSES OF DEATH.	AGES.						Total under Five Years of Age.	Grand Total all Ages.	SUB-DISTRICTS.		
	0 to 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.			St. Giles, South.	St. Giles, North.	St. Giles, North.
LOCAL DISEASES—continued.											
Dentition	3	2	—	—	—	—	5	5	—	—	
Sore Throat, Quinsy	—	—	—	—	—	—	—	1	—	—	
Enteritis	12	1	1	—	—	—	13	4	8	1	
Peritonitis	—	1	—	—	4	—	1	5	1	3	
Diseases of Liver	—	—	—	—	12	3	—	15	5	1	
Other Diseases of Digestive System	2	—	—	1	7	2	12	12	6	3	
Diseases of Lymphatic System and of Ductless Glands	—	—	—	—	1	—	—	1	—	1	
Diseases of Urinary System	—	—	—	3	16	9	—	28	12	11	
Diseases of Generative System	—	—	—	1	—	—	—	1	—	1	
Accidents of Childbirth	—	—	—	—	3	—	—	3	—	2	
Diseases of Locomotive System	—	1	—	—	1	1	1	3	3	—	
Diseases of Integumentary System	—	—	—	—	—	1	—	1	1	—	
DEATHS FROM VIOLENCE.											
ACCIDENT OR NEGLIGENCE—Fractures or Contusions	—	—	1	1	7	4	—	13	3	5	
" " " Gunshot Wounds	—	—	—	—	—	—	—	—	—	—	
" " " Cut, Stab	—	—	—	—	—	—	—	—	—	—	
" " " Burn, Scald	—	1	—	—	—	—	1	3	1	2	
" " " Poison	—	—	1	—	2	—	—	5	1	1	
" " " Drowning	—	—	1	—	—	—	—	1	—	1	
" " " Suffocation	9	—	—	—	4	—	9	13	4	5	
" " " Otherwise	—	—	—	—	—	—	—	—	—	—	
HOMICIDE—Manslaughter	—	—	—	—	2	—	—	2	—	2	
SUICIDE—Gunshot Wounds	—	—	—	—	—	—	—	—	—	—	
" Cut, Stab	—	—	—	—	1	—	—	1	1	—	
" Poison	—	—	—	2	1	—	—	3	1	1	
" Drowning	—	—	—	—	1	—	—	1	—	1	
" Hanging	—	—	—	—	2	—	—	2	—	—	
" Otherwise	—	—	—	—	—	—	—	—	—	—	
EXECUTION—Hanging	—	—	—	—	—	—	—	—	—	—	
DEATHS FROM ILL-DEFINED AND OTHER CAUSES	16	1	—	—	3	1	17	21	8	11	

SUMMARY OF TABLE III.

	Number of Deaths.
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES—	
1. Miasmatic Diseases	52
2. Diarrhœal	17
3. Malarial	—
4. Zoogenous	—
5. Venereal	1
6. Septic	5
II.—PARASITIC DISEASES	—
III.—DIETIC DISEASES	9
IV.—CONSTITUTIONAL DISEASES	186
V.—DEVELOPMENTAL DISEASES	59
VI.—LOCAL DISEASES—	
1. Diseases of Nervous System	78
2. Diseases of Organs of Special Sense	—
3. Diseases of Circulatory System	65
4. Diseases of Respiratory System... ..	116
5. Diseases of Digestive System	51
6. Diseases of Lymphatic System	1
7. Diseases of Urinary System	28
8. Diseases of Generative System	1
9. Accidents of Childbirth	3
10. Diseases of Locomotive System... ..	3
11. Diseases of Integumentary System	1
VII.—VIOLENCE—	
1. Accident or Negligence	35
2. Homicide	2
3. Suicide	7
4. Execution	—
VIII.—ILL-DEFINED AND OTHER SPECIFIED CAUSES	21
Total	741

TABLE IV.

Showing the number of Deaths at all ages in 1897 from certain groups of Diseases, and proportions to 1,000 of Population, and to 1,000 Deaths from all causes; also the number of Deaths of Infants under one year of age from other groups of Diseases, and proportions to 1,000 Births and to 1,000 Deaths from all causes under one year.

Division I.	Total Deaths.	Deaths per 1,000 of Population at all Ages.	Deaths per 1,000 of Total Deaths at all Ages.
1. Principal Zymotic Diseases . . .	*63	1.6	93
2. Pulmonary Diseases	116	3.0	171
3. Principal Tubercular Diseases . .	151	3.9	223
Division II. (Infants under One Year.)	Total Deaths.	Deaths per 1,000 of Births.	Deaths per 1,000 of Total Deaths under One Year.
4. Wasting Diseases	36	36	236
5. Convulsive Diseases	19	19	130

NOTES.

1. Includes Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-cough, Typhus, Enteric (or Typhoid), and Simple Continued Fevers and Diarrhœa.

* 16 of these deaths occurred in hospitals outside the District.

3. Includes Phthisis, Scrofula, Tuberculosis, Rickets, and Tabes.
4. Includes Marasmas, Atrophy, Debility, Want of Breast Milk, and Premature Birth.
5. Includes Hydrocephalus, Infantile Meningitis, Convulsions, and Teething.

TABLE V.

SHOWING THE NUMBER OF DEATHS IN THE TEN YEARS, 1887 to 1896, FROM THE SEVEN PRINCIPAL ZYMOTIC DISEASES, AND THE NUMBER IN 1897, ETC.

DISEASE.	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	Annual average of ten years 1887 to 1896.	Proportion of deaths to 1,000 deaths 1887 to 1896.	1897	Proportion of deaths to 1,000 deaths in 1897.
Small-pox ...	1	—	—	—	—	—	4	1	1	—	0·7	0·7	—	—
Measles ...	15	16	41	17	43	47	15	15	13	41	26·3	27·9	9	13·4
Scarlet Fever ...	20	4	4	8	—	3	12	2	5	7	6·5	6·9	7	10·3
Diphtheria ...	24	11	17	10	11	17	21	13	13	5	14·2	15·0	6	8·8
Whooping Cough	21	17	14	17	29	11	18	29	13	13	18·2	19·3	18	26·6
Fever ...	3	7	8	10	11	9	6	11	2	4	7·1	7·5	6	8·8
Diarrhœa ...	24	11	30	23	19	17	25	9	30	17	20·5	21·7	17	25·1
Totals, St. Giles District ...	108	66	114	85	113	104	101	80	77	87	93·5	98·3	63	93·1
Totals, London	12,684	10,803	9,709	12,279	9,675	11,983	13,223	11,544	11,544	14,100	11,754	139·1	11,525	142·4
Totals, England and Wales ...	64,676	50,684	61,027	59,698	53,221	56,032	73,499	52,771	64,901	66,936	60,344	111·1	67,051	123·8

TABLE VI.

REPORT OF SANITARY WORKS, &c., IN 1897, CARRIED OUT UNDER THE SUPERINTENDENCE OF SANITARY INSPECTORS BOND AND ROBINSON.

NATURE OF WORKS.		SUB-DISTRICTS.			TOTAL.
		St. George, Bloomsbury.	St. Giles, South	St. Giles, North	
Number of complaints received during the year		39	52	23	114
Number of houses and premises visited and inspected		3,389	4,769	2,129	10,287
Result of Inspections.	Orders issued for sanitary amendments of houses and premises	309	534	295	1,138
	Houses, premises, &c., cleansed, repaired, and whitewashed	162	271	133	566
	Rooms disinfected after infectious diseases	87	141	73	301
House Drains.	Repaired, cleansed, &c.	29	55	39	123
	Trapped or ventilated	12	36	31	79
	New constructed	44	27	38	109
W.C.'s.	Repaired, cleansed, &c.	34	117	109	260
	Supplied with water	—	6	5	11
	New constructed	4	16	9	29
Dust Bins.	New provided	11	20	11	42
	Repaired and covered	28	68	38	134
Water Supply	Cisterns (new) erected	—	—	—	—
	Cisterns cleansed, repaired and covered	4	29	23	56
Miscellaneous.	Number of Lodging-house registered under Sanitary Act, 1866	102	473		575
	Removal of accumulation of dung, animal and other refuse	29	109	74	212
	Removal of animals improperly kept ...	—	2	2	4
	Regularly inspected. Bakehouses	13	3	7	23
	Licensed cow-houses	—	1	—	1
	Licensed slaughter-houses	—	1	1	2
Other proceedings, e.g., legal proceedings		13	24	5	42

TABLE IX.

THE MARRIAGE-RATE PER 1,000 IN ST. GILES DISTRICT FROM 1887 TO 1896, AND THE AVERAGE FOR THE TEN YEARS 1887-1896.

Sub-Districts.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	Average rate per 1,000 for 10 years, 1887-1896.
St. George, Bloomsbury ...	14.0	15.0	14.1	15.2	18.6	17.9	17.1	18.5	18.6	21.3	17.0
St. Giles, South ...											
St. Giles, North ...											

THE BIRTH-RATE PER 1,000 IN ST. GILES DISTRICT FROM 1887 TO 1896, AND THE AVERAGE FOR THE TEN YEARS 1887-1896.

Sub-Districts.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	Average rate per 1,000 for 10 years, 1887-1896.
St. George, Bloomsbury ...	21.8	19.4	22.2	20.3	20.4	19.6	17.6	15.5	19.3	18.6	19.4
St. Giles, South ...	40.0	41.9	40.3	38.8	40.5	41.5	41.2	41.4	42.5	41.8	40.9
St. Giles, North ...	18.3	18.9	16.3	19.2	23.3	25.1	25.3	26.3	23.3	24.1	22.0
St. Giles District ...	26.7	26.6	23.3	26.0	28.5	28.3	27.4	26.8	28.1	27.8	27.2

THE DEATH-RATE PER 1,000 IN ST. GILES DISTRICT FROM 1887 TO 1896, AND THE AVERAGE FOR THE TEN YEARS 1887-1896.

Sub-Districts.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	Average rate per 1,000 for 10 years, 1887-1896.
St. George, Bloomsbury ...	16.6	11.9	14.9	14.9	18.4	16.7	14.3	11.1	14.7	11.4	14.4
St. Giles, South ...	36.3	32.5	32.8	37.0	39.2	31.6	34.5	30.5	31.5	30.8	33.6
St. Giles, North ...	16.4	12.2	11.9	16.9	26.5	22.1	23.0	15.3	18.6	16.3	17.9
St. Giles District ...	23.0	18.7	19.9	22.8	27.4	23.1	23.2	18.7	21.3	19.1	21.7

TABLE X.

REGISTERED BIRTHS IN 52 WEEKS OF 1897. SUB-DISTRICTS OF ST. GILES.

SUB-DISTRICTS.	First Quarter, 13 weeks.		Second Quarter, 13 weeks.		Third Quarter, 13 weeks.		Fourth Quarter, 13 weeks.		Whole Year, 1897, 52 weeks.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total Children.
St. George, Bloomsbury	27	44	43	37	34	38	26	35	128	154	282
St. Giles, South	59	56	69	67	70	60	82	58	280	241	521
St. Giles, North	28	21	24	21	24	26	20	14	96	82	178
Whole District	114	121	136	125	126	124	128	107	504	477	981

REGISTERED DEATHS IN 52 WEEKS OF 1897. SUB-DISTRICTS OF ST. GILES.

SUB-DISTRICTS.	First Quarter, 13 weeks.		Second Quarter, 13 weeks.		Third Quarter, 13 weeks.		Fourth Quarter, 13 weeks.		Whole Year, 1897, 52 weeks.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes.
St. George, Bloomsbury	17	21	19	14	24	18	18	10	78	63	141
St. Giles, South	42	31	40	24	39	32	48	27	169	114	283
St. Giles, North	17	20	13	16	16	14	12	10	58	60	118
Whole District	76	72	72	54	79	64	78	47	305	237	542

TABLE XI.

Showing the localities in which fatal cases of the principal Zymotic Diseases occurred in 1897:—

Locality.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria	Fever.	Diarrhœa.	Total.
Arthur Street ...	—	1	—	—	—	—	—	1
Betterton Street ...	—	1	—	1	—	—	1	3
Brunswick Square.	—	—	—	—	—	—	1	1
Compton St., New	—	—	—	2	2	—	—	4
Coram St., Little (Peabody Bldgs.)	—	1	—	1	—	1	—	3
Clarke's Buildings..	—	—	—	1	—	—	—	1
Denmark Street ...	—	—	1	—	—	—	—	1
Drury Lane ...	—	—	—	—	—	—	1	1
Dyott Street ...	—	—	—	—	—	1	—	1
Earl Street, Little.	—	—	—	1	—	—	—	1
Goldsmith Street...	—	1	—	1	—	—	—	2
Handel Street ...	—	2	1	—	—	—	1	4
High Street ...	—	—	1	—	—	—	—	1
Holborn, High ...	—	—	—	1	—	1	—	2
Hunter Street ...	—	—	—	1	—	—	—	1
Kemble Street ...	—	—	—	—	—	—	1	1
Kenton Street ...	—	1	—	—	—	—	—	1
Keppel Mews North	—	—	—	—	—	—	2	2
Lincoln's Inn Fields	—	—	—	—	—	—	1	1
Marchmont Street..	—	—	1	1	—	—	—	2
Neal Street ...	—	—	—	1	—	—	—	1
Newton St. (Thurstan Buildings)...	—	—	—	1	—	—	—	1
Nottingham Court .	—	—	—	1	—	—	—	1
Parker Street ...	—	—	—	—	—	—	1	1
Queen Street ...	—	—	—	1	—	—	—	1
Queen St., Great ...	—	1	—	—	—	2	—	3
Queen St., Little ...	—	—	—	—	—	—	1	1
Sardinia Place ...	—	—	—	2	—	—	—	2
Shaftesbury Avenue	—	—	1	—	—	—	—	1
Do., French Hospital	—	—	—	—	—	*1	—	1
Carried forward ...	—	8	5	16	2	6	10	47

* Non-parishioner died at French Hospital.

TABLE XI.—*Continued.*

Locality.	Small-Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Fever.	Diarrhœa.	Total.
Brought forward	—	8	5	16	2	6	10	47
Shelton Street (Alwyeh Buildings)..	—	—	1	—	—	—	1	2
Smart's Buildings...	—	—	—	—	—	—	1	1
Southampton Mews	—	—	—	—	1	—	—	1
Southampton Row	—	—	—	—	—	—	1	1
Stacey Street ...	—	—	—	—	2	—	—	2
West Street ...	—	—	1	—	—	—	—	1
White Lion Street, Little ...	—	—	—	1	—	—	—	1
Wild Street, Great (Peabody Bldgs.)	—	1	—	—	1	—	3	5
Wild Street, Little	—	—	—	1	—	—	1	2
Total ...	—	9	7	18	6	6	17	63

Nine of these deaths occurred in Institutions belonging to the Asylums Board, and 8 in General Hospitals.

TABLE XII.

COMPARATIVE ANALYSIS OF THE VITAL STATISTICS IN REGISTRATION LONDON AND IN ST. GILES DISTRICT, FOR 1897.

	Population, 1897.	Births.	Deaths from all Causes.	Deaths from Principal Zymotic Diseases.	Annual rate per 1,000 living.			Deaths.							Deaths of Children under 1 year of age to 1 000 Births.
					Births.	Deaths.	Principal Zymotic Diseases.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diph- theria.	Fever.	Diarrhoea.	
London ...	4,463,169	133,618	80,943	11,453	30.0	18.2	2.56	16	19.27	778	1,837	2,240	566	4,098	158
St. Giles Dis- trict ...	38,237	981	676	63	25.6	17.6	1.6	0	9	7	18	6	6	17	148

TABLE XIII.

RETURN RESPECTING THE VACCINATION OF CHILDREN WHOSE BIRTHS WERE REGISTERED IN 1896.

Date.	Registration Sub-Districts, comprised in Vaccination Officer's District.	Number of Births returned in Birth List Sheets.	Number of these Births duly entered in Columns 10, 11, and 13 of the Vaccination Register (Birth List Sheets) viz. :—				Number of these Births which are not entered in the Vaccination Register on account (as shown by Report Book) of—			
			Column 10. Successfully Vaccinated.	Column 11.		Column 13. Dead Unvaccinated.	Postponement by Medical Certificate.	Removal to Districts the Vaccination Officer of which has been duly apprised.	Removal to Places unknown or which cannot be reached, and cases not having been found.	Cases still under proceedings by summons or otherwise.
				Insusceptible of Vaccination.	Had Small-pox.					
	1	2	3	4	5	6	8	9	10	11
1896.	St. George, Bloomsbury	295	222	2	—	27	2	1	41	—
	St. Giles, North	219	138	—	—	33	1	2	44	1
	St. Giles, South	526	344	—	—	65	3	3	*110	1
	Whole District	1,040	704	2	—	125	6	6	195	2

* 60 of these 110 were born in British Lying-in Hospital, where children are not allowed to be vaccinated before leaving the Institution.

TABLE XIV.

Meteorology of the Year.

Based on observations at the Royal Observatory, Greenwich, and at various other stations, by Mr. James Glaisher, F.R.S., the Astronomer Royal.

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.
Temperature ...	41°·1	53°·1	60°·9	46°·0
Barometer ...	29·718 ins.	29·777 ins.	29·779 ins.	29·930 ins.
Rainfall ...	7·35 ins.	4·80 ins.	6·29 ins.	3·69 ins.
Sunshine ...	177·3 hours	574·6 hours.	587·0 hours	203·7 hours.

3

10







