

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

Contributors

St. Giles (London, England). District Council.

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1880-81.

THE BOARD OF WORKS

FOR THE

Saint Giles District.

ANNUAL REPORT

FOR THE YEAR ENDING 25th MARCH, 1881.

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

London :

PRINTED BY STEVENS & RICHARDSON,

GREAT QUEEN STREET, LINCOLN'S INN FIELDS, W.C.

THE BOARD OF WORKS

For the St. Giles District.

OFFICES: No. 199, HIGH HOLBORN, W.C.

THE MEMBERS OF THE BOARD,

AND THE YEAR IN WHICH THEY GO OUT OF OFFICE.

PARISH OF ST. GILES.

Names.	Addresses.	Go out of Office in
ADLARD, FREDERICK	225, High Holborn	1882
BAKER, CHARLES	244, High Holborn	1883
BARRETT, THOMAS	234, Tottenham Ct. Road...	1884
BUSSELL, CHARLES	13, Gower Street	1883
CORBEN, JAMES FREDERICK...	30, Great Queen Street ...	1882
COULSON, JOHN H.	24, Neal Street	1882
COWER, GEORGE EVELYN	1, Tavistock Street, Bedford Square	1884
CULL, RICHARD	12, Tavistock Street, Bed- ford Square	1882
DAVAGE, FREDERICK BYLES ...	220, High Holborn	1884
DEED, MARK HORNSEY	41, High Street.....	1883
GARNHAM, JOHN	540, Oxford Street	1883
GUILDING, EDWARD W.	19, Great Russell Street ...	1883
HOPPER, W.....	11, Great Queen Street ...	1884
KEELE, CHARLES FERDINAND...	39, Bedford Square	1884
KERBY, HENRY	545, Oxford Street	1883
LAW, ROBERT	554, New Oxford Street ...	1882
LOUGH, JOSEPH	69, Great Queen Street ...	1882
MARTIN, JAMES	28, Bedford Square	1884
MOEDER, FRANK	250, Tottenham Court Road	1883
PARSONS, ROBERT	6, Torrington Place	1883
PERRYMAN, WM. HENRY	232, High Holborn	1884
SIMMONDS, JOHN SUTTON ...	6, Newton Street	1883
SMITH, FRANCIS	253, Tottenham Ct. Road...	1884
SMITH, GILBERT	4, Gower Street.....	1884
SMITH, WILLIAM	253, Tottenham Court Road	1882
TYLER, ROBERT EMERIC	16, Caroline Street	1882
WILLSON, THOMAS	68, Great Queen Street ...	1882

PARISH OF BLOOMSBURY.

Names.	Addresses.	Go out of Office in
ADAMS, BORLASE HILL	51, Bedford Square	1884
AMBLER, MATTHEW.....	10, Vernon Place	1883
ARCHDEACON, WILLIAM JOHN	16, Southampton Row	1884
BURLINGSON, JOHN HENRY .	5, Vernon Place.....	1884
CRAWFORD, HENRY STALKER.	118, Southampton Row ...	1883
CRONIN, FREDERICK JAMES ...	1, Vernon Place	1883
DAVIES, THOMAS	121, High Holborn	1884
GILBERT, HENRY OCTAVIUS ...	6, Vernon Place.....	1882
HEWITT, WILLIAM HENRY ...	23, Hart Street	1884
LATREILLE, FREDERICK	65, Southampton Row	1883
MIDDLEMIST, ROBERT PERCY..	10, Bedford Place	1882
PEACOCK, JOSEPH	15, Bloomsbury Square ...	1882
STATHAM, HUGH WORTHINGTON	50, Woburn Place	1884
STYAN, THOMAS	23, Upper Bedford Place...	1882
TURNER, CHARLES ERNEST ...	63, Great Russell Street ...	1883
WILLS, ROBERT.....	78, Southampton Row.....	1882
WINGATE, GEORGE LEDBITTER	19, Woburn Place.....	1882
WOOD, EDWARD HENRY.....	11A, Hart Street	1883
WYATT, MATTHEW	77, Great Russell Street ...	1884
WYATT, THOMAS HENRY	4, Torrington Street.....	1883

 REPRESENTATIVE AT THE METROPOLITAN BOARD OF WORKS.

ADAMS, B. H., Esq., J.P., 51, Bedford Square.

AUDITORS OF ACCOUNTS FOR THE PRESENT YEAR.

GAY, F. W., 113, High Holborn.

LAKE, WILLIAM, 21, Great Russell Street.

PACKER, CHARLES ELLIOTT, 24, Southampton Row.

COMMITTEES OF THE BOARD.

Sanitary Committee.

ADAMS, BORLASE HILL.	MIDDLEMIST, ROBERT PERCY.
COULSON, JOHN H.	STATHAM, H. WORTHINGTON.
COWER, GEORGE EVELYN.	TURNER, CHARLES ERNEST.
CULL, RICHARD.	TYLER, ROBERT EMERIC.
KEELE, CHARLES FERDINAND.	WINGATE, GEORGE LEDBITTER.
WYATT, MATTHEW.	

Finance Committee.

ADAMS, BORLASE HILL.	CRAWFORD, HENRY STALKER.
ADLARD, FREDERICK.	DAVAGE, FREDERICK BYLES.
BAKER, CHARLES.	LATREILLE, FREDERICK.
WILLSON, THOMAS.	

Committee of Works.

ADAMS, BORLASE HILL.	KERBY, HENRY.
BARRETT, THOMAS.	LOUGH, JOSEPH.
BURLINGSON, JOHN HENRY.	PERRYMAN, WILLIAM HENRY.
BUSSELL, CHARLES.	SIMMONDS, JOHN SUTTON.
CORBEN, JAMES FREDERICK.	SMITH, FRANCIS.
CRAWFORD, HENRY STALKER.	SMITH, WILLIAM.
DAVAGE, FREDERICK BYLES.	WILLS, ROBERT.
GARNHAM, JOHN.	WINGATE, GEORGE LEDBITTER.
GILBERT, HENRY OCTAVIUS.	WYATT, MATTHEW.

THE OFFICERS OF THE BOARD.

Names.	Offices.	Addresses.	Salaries.
JONES, JOHN HENRY	Clerk to the Board	8, Hart Street, Bloomsbury	£300
WALLACE, GEORGE	Surveyor	199, High Holborn	£500
LOVETT, SAMUEL ROBERT.....	Medical Officer of Health.....	13, Great Russell Street	£200
REDWOOD, THEOPHILUS	Analyst	17, Bloomsbury Square	£100
CHARDIN, WILLIAM ALFRED	Accountant Clerk	199, High Holborn	£140
DAVIES, ROBERT	Surveyor's Clerk	199, High Holborn	£100
GROWSE, WILLIAM HENRY ...	Office Clerk	199, High Holborn	£78
HOYLE, JOHN	Inspector of Nuisances, and under Adulteration of Food Acts	199, High Holborn	£120
SMITH, JOSEPH	Assistant Inspector of Nuisances, &c.	199, High Holborn	£78
WALTERS, ELIJAH.....	Sanitary Inspector.....	199, High Holborn	£120
BOND, WM. HENRY.....	Sanitary Inspector	199, High Holborn.....	£105

The Board of Works for the St. Giles District.

ANNUAL REPORT FOR 1880.

THIS Report, made in compliance with the requirements of the Metropolis Management Act, 18 & 19 Vic. cap. 120, comprises :

	PAGES
1. Annual Accounts 1880-81 . . .	7
2. The Works during that Year . . .	21
3. The Medical Officer's Report . . .	27
4. The Analyst's Report . . .	58

Annual Accounts.

These Accounts are annexed.

The Precept of the Metropolitan Board of Works for the year 1880, which comprises Main Drainage, Fire Brigade, Bridge Expenses, General Improvements, Sinking Fund, and the General Expenses of that Board, amounted to . . .				£8,870	13	9
The Precept of the School Board . . .				8,098	17	5

Making together £17,569 11 2
exceeding one-third of the expenditure of this Board.

The following are the amounts paid by this District to the Metropolitan Board of Works for the last thirteen years:—

Year.	Amount.		
	£	s.	d.
1867-8	7,328	12	10
1868-9	6,297	8	5
1869-70	6,303	4	0
1870-1	6,648	13	10
1871-2	4,308	14	4
1872-3	3,244	0	10
1873-4	3,434	16	0
1874-5	5,605	13	8
1875-6	6,751	15	4
1876-7	6,893	1	2
1877-8	6,700	0	0
1878-9	6,823	6	4
1879-80	8,166	18	7
1880-1	8,870	13	9
The Precept for 1881 is	8,896	8	4

The amounts paid to the London School Board since it was constituted are as follow:—

Year.	Amount.		
	£	s.	d.
1871	719	11	9
1872	1,208	8	10
1873	939	15	11
1874	2,348	5	1
1875	3,953	0	2
1876	5,869	8	9
1877	7,243	1	8
1878	7,177	7	0
1879	7,644	19	11
1880	8,698	17	5

The Precept for the present year amounts to £8,886 14s. 5d., being at the rate of 5½d. in the pound.

The Decease of Members.

The Board received with extreme regret the announcement of the decease on the 29th of April last, of their friend and colleague, the late Henry Cooper, Esq., and on the 10th of May passed a Resolution expressive of its high appreciation of the valuable services rendered by him to the district while a member of this Board, and offering its sincere condolence with his family under their severe bereavement.

Mr. Cooper was elected a member of the Board in the month of June, 1867.

The Board, whilst this Report was in course of preparation, received intelligence of the decease, after a long and painful illness, of Mr. William Frederick Collard Moutrie, also a member of the Board. That gentleman was elected a member in the year 1877, from which period to within the last twelve months he actively attended to the duties of his office.

Artizans and Labourers' Dwellings Improvement Act, 1875.

GREAT WILD STREET SCHEME.

Very rapid progress has been made during the past year with this scheme. The widening of Princes (now Kemble) Street has been carried out. An extensive block of buildings, approved by the Confirming Act, has been erected, and is rapidly progressing to completion and fitness for occupation; it presents a very great improvement contrasted with the wretched habitations formerly standing on the site. The building has been erected by the Trustees of the Peabody Society, who have purchased this and other sites in the Metropolis, taken under the above Acts at a considerable reduction on their original cost.

LITTLE CORAM STREET SCHEME.

This area presents about the same appearance as it did twelve months since. A very small portion of the wretched buildings thereon have been removed. The claims of the owners and tenants of part of the area are being investigated by the Metropolitan Board of Works, and dealt with. The concurrence of several parties interested in the scheme being necessary, some delay is caused in carrying out the same.

COAL YARD AND GOLDSMITH'S ALLEY IMPROVEMENT.

The Board has much pleasure in reporting that this Improvement has been completed. The purchase of the remaining land referred to in the Board's last Report has been carried out. The sewer and the foot and carriage-ways have been formed, and the street thrown open for public use.

The Metropolitan Board of Works have, in accordance with their promise, contributed the sum of £1,126 10s. towards the cost of the acquisition of the land needed for the same.

Enlargement of the Offices of the Board.

It has been a well-founded complaint for many years past that the only public entrance to the Board Room and its Offices from Holborn has been by a lane only 10 feet wide and 120 feet long, continually used by the heavy waggons and carts conveying goods to the Stone Yard and to the Warehouses of adjoining Tradesmen, and that owing to this traffic it had become highly dangerous to persons having business at the Offices of the Board.

A favourable opportunity occurred in the month of June, 1880, to purchase the freehold premises Nos. 197 & 198, High Holborn, and the extensive workshops and stabling adjoining, which were old and dilapidated, abutting on those of the Board.

It accordingly entered into negotiations with the freeholder for acquiring the same, which resulted in the purchase thereof at the moderate price of £8,000.

The Offices of the Board being too small, and in some respects very inconvenient, it has been resolved to enlarge the same, and erect in the rear on part of the premises so purchased additional Offices; to convert the present Board Room into Surveyor's Offices, and erect a new Board Room above the same. These works are now in progress, and will shortly be completed.

It is believed that the surplus land will realise nearly sufficient to pay the cost of the purchase of the whole site.

Public Mortuary.

The want of a Public Mortuary for this district has long been felt. The chapel at the Bloomsbury Burial Ground in Henrietta Street, Brunswick Square, is very old and dilapidated, and unfit for this purpose, to which, by the permission of the Rector of the parish, it is applied for the necessities of the extreme northern end of the district. There is also the want of a Coroner's Court and a Post-mortem Room, the inquests in the district in many cases being held in taverns or public-houses where there are no rooms suitable for the purpose; and the attendance at a public tavern is to the better class of people highly objectionable and painful, affording also an opportunity for drinking, which often results in most unseemly behaviour. The average number of inquests in the district is about 90.

Under these circumstances, the Board has been in search of a site whereon to erect a Mortuary, Coroner's Court, and Post-mortem Rooms, and after considerable difficulty it has succeeded in finding the same, and has entered into an agreement with the Trustees of the Alms House Charities of these parishes to take on lease for 80 years, at a ground rent of £52 10s., a piece of ground on the west side of the new Street, formerly Goldsmith's Alley, measuring 74 feet in length by 23 feet in width, and to erect thereon a suitable Mortuary, Coroner's Court, Post-mortem Room, and Offices, at an estimated cost of £1,600. The drawings for the same are in course of preparation.

Sale of Food and Drugs Act, 1875.

The number of articles analysed during the year was 296. Proceedings were instituted in 18 cases, and convictions obtained in 14 cases; the summonses in the other cases being either withdrawn or dismissed. The fines and costs imposed amounted to £27 8s. 6d.

The continued enforcement of the Acts in this district has very considerably abated the adulteration of articles of food.

The Annual Report of Dr. Redwood, the Analyst, forms part of this Report.

Sanitary Acts.

During the past year there have been 17 Summonses under these Acts, which have been heard by the Magistrates. Orders have been made for the abatement of the nuisances complained of. The Orders have been either complied with by the owners of the premises wherein the nuisances existed, or they have been enforced at the cost of such parties.

Water Supply.

The burdensome rates imposed by the Water Companies of the Metropolis still continue.

The present Government have promised to bring in a Bill based upon the Report of the Select Committee of the House of Commons appointed last Session. The whole subject is in abeyance until this is done.

July, 1881.

Abstract of Receipts and Payments of the above Board for

RECEIPTS.		Ledger Folio.	£	s.	d.	£	s.	d.
The Joint Vestry of St. Giles and Bloomsbury, under Precept of the 9th September, 1879		3	1,200	0	0			
The like, under Precept of 10th Feb., 1880		3	19,500	0	0			
The like, under Precept of 14th Sept., 1880		3	10,500	0	0			
						31,200	0	0
MISCELLANEOUS RECEIPTS:								
Disturbed Paving Works, &c.		22	917	17	1			
Works and Expenses under Sanitary Acts		31	38	3	8			
Fines and Expenses under Sale of Food and Drugs Act, 1875		32	27	4	6			
Rent of Coach-house, Cleansing Am- bulances, &c.		34	36	0	0			
Old Materials		36	43	13	5			
The Vestry of St. Pancras towards Cleansing and Repairs of Tottenham Court Road		47	181	9	0			
Sale of Land to Guardians of Poor		42	50	0	0			
						1,294	7	8
Sewer Account for Management Ex- penses		46				600	0	0

£33,094 7 8

GENERAL PURPOSES, from 25th March, 1880, to 25th March, 1881.

PAYMENTS.		Ledger Folio.	£	s.	d.	£	s.	d.
Overdrawn at Bankers, 25th March, 1880			610	14	3			
Due to Foundling Estate account, do.			73	10	10			
SALARIES :						684	5	1
Clerks and Officers	104	1,810	7	5				
Analyst	104	100	0	0				
Allowance to Mr. W. J. TREHEARNE, the late Surveyor	278	100	0	0				
PAVING :						2,010	7	5
Wages of Workmen and Labourers	124	2,661	8	6				
Granite and York Stone	141	1,038	2	10				
Victoria Stone	146	256	18	6				
Gravel, Sand, Lime, &c.	149	1,152	7	2				
Smith's Work, Implements, &c.	159	214	3	7				
Wheelwright	163	135	1	0				
Steam Roller Hire	167	71	4	0				
Asphalte Footway Paving	169	14	10	2				
Wood Paving	173	2,405	17	3				
St. Pancras Vestry, towards Cleansing and Repairs of Tottenham Court Road	280	182	8	0				
CLEANSING :						8,132	1	0
Street Orderlies' Wages	188	2,018	6	11				
Brooms, Clothing, &c.	207	131	15	5				
Cartage of Slop	202	2,332	6	8				
Removal of Snow—Wages and Cartage	199	601	19	3				
DUST :						5,084	8	3
Removal of Dust by Contract	212					1,666	13	4
LIGHTING :								
Gas	217	3,860	3	0				
Columns and Lanterns	221	544	2	2				
WATERING :						4,404	5	2
Contract for Carts, Horses, and Men	230	754	16	0				
Repairs of Stand Pipes	232	28	17	3				
Water	234	212	2	1				
OFFICE EXPENSES :						995	15	4
Stationery and Printing	240	91	15	6				
Taxes, Insurance, &c.	243	42	16	4				
Advertisements and Stamps	245	12	9	8				
MISCELLANEOUS :						147	1	6
Carpenter	251	66	13	3				
Painter and Plumber	254	77	15	2				
Incidentals	256	26	5	9				
Ironmongery, Guard Posts, Coals, Uniforms, Registrar's Returns, Postages, &c.	260	155	5	3				
Law Charges	270					325	19	5
Returned Deposits on Paving Works	272					75	0	8
Expenses under Sale of Food and Drugs Act, 1875	274					65	14	2
COAL YARD & GOLDSMITH'S ALLEY IMPROVEMENT :						16	19	1
Interest on Loan from Metropolitan Board of Works	281	109	2	10				
Repayment of Loan, 3rd Instalment	281	59	0	0				
Purchase of Nos. 197 & 198, High Holborn, and enlargement of Offices account—Transfer to	83					168	2	10
The London School Board Precept, 1880	276					377	10	6
BALANCES AT BANKERS, 25th March, 1881:						8,698	17	5
Amount as per Pass Books		507	14	2				
Less cheque not presented St. Pancras Vestry	£182 8 0							
Less due to Foundling Estate account	83 19 8							
		266	7	8				
						241	6	6
						£33,094	7	8

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The Foundling Estate Account.

RECEIPTS.			PAYMENTS.		
	Ledger folio.	£ s. d.		Ledger folio.	£ s. d.
Balance at Bankers, 25th March, 1880 . . .		73 10 10	Interest to Bondholders of Foundling Estate		
The Joint Vestry of Saint Giles and Bloomsbury, under Precept of 10th February, 1880	48	269 16 9	Rate Account Debt	290	253 15 5
			Property Tax	294	5 12 6
					259 7 11
			Balance at Bankers, 25th March, 1881 . . .		83 19 8
		<u>£343 7 7</u>			<u>£343 7 7</u>

Brunswick Square Garden Rate Account.

RECEIPTS.			PAYMENTS.		
	Ledger folio.	£ s. d.		Ledger folio.	£ s. d.
The Joint Vestry of St. Giles and Bloomsbury, under Precept of 10th February, 1880 . . .	60	40 0 0	Garden Committee, under Precept, 1880 . . .	301	40 0 0

Metropolitan Consolidated Rate Account.

RECEIPTS.			PAYMENTS.		
	Ledger folio.	£ s. d.		Ledger folio.	£ s. d.
The Joint Vestry of St. Giles and Bloomsbury, under Precept of the 25th February, 1879 . . .	70	516 18 7	Balance at Bankers, overdrawn 25th March, 1880 . . .		516 18 7
The like of 10th February, 1880	71	8,870 13 9	Metropolitan Board of Works, under Precept, 1880	304	8,870 13 9
		<u>£9,387 12 4</u>			<u>£9,387 12 4</u>

Coal Yard and Goldsmith's Alley Improvement Account.

RECEIPTS.			PAYMENTS.					
	Ledger Folio.	£ s. d.		Ledger Folio.	£ s. d.	£ s. d.	£ s. d.	
Balance at Bankers, 25th March, 1880		114 6 10	Purchase of Leasehold premises					
Sale of surplus Land and old materials	81	432 1 5	No. 25, Macklin Street	306	220 0 0			
			Vendor's charges on above	308	38 5 0		258 5 0	
			Interest on London and West-					
			minster Bank Loan	308	49 16 8			
			Wages	308	12 16 3		62 12 11	
			Balance at Bankers, 25th March, 1881				225 10 4	
		<u>£546 8 3</u>					<u>£546 8 3</u>	

Purchase of Freehold of Nos. 197 and 198, High Holborn, and Enlargement of Offices Account.

RECEIPTS.			PAYMENTS.					
	Ledger folio.	£ s. d.		Ledger folio.	£ s. d.	£ s. d.	£ s. d.	
Metropolitan Board of Works on Loan	83	8,000 0 0	Purchase of Freehold of Nos. 197 and 198,					
Rent of Premises and Interest on Deposit	83	216 0 5	High Holborn	302	8,000 0 0			
General Purposes Account—Transfer from		377 10 6	Vendor's charges on above and Stamp Duty	302	280 19 1			
			Metropolitan Board of Works—Interest on					
			Loan	284	154 2 0			
			Labour and expenses of Works	302	158 9 10			
		<u>£8,593 10 11</u>					<u>£8,593 10 11</u>	

Sewers Rate Account.

RECEIPTS.			PAYMENTS.					
	Ledger Folio.	£ s. d.		Ledger Folio.	£ s. d.	£ s. d.	£ s. d.	
Balance at Bankers, 25th March, 1880		994 7 4	Materials	328	795 1 11			
The Joint Vestry of St. Giles and Bloomsbury,			Wages	336	776 13 5			
under Precept of the 10th February, 1880	310	4,000 0 0	Contractor for New Sewers, 1880	343	2,362 1 7			
Connections with Sewers, &c.	317	309 2 9	Superintending Sewers, Paid to General					
			Account	347	600 0 0			
			Balance at Bankers, 25th March, 1881		769 13 2			
		<u>£5,303 10 1</u>					<u>£5,303 10 1</u>	

Summary showing the Total Receipts and Payments by the Board in the Year ended 25th March, 1881.

RECEIPTS.			PAYMENTS.		
	£	s. d.		£	s. d.
General Purposes Account—			Balance at Bankers, Overdrawn 25th March, 1880, viz. :—		
The Joint Vestry of St. Giles and Bloomsbury, under Precepts of the Board	31,200	0 0	General A/c, Overdrawn	684	5 1
Miscellaneous Receipts for restoration of Disturbed Works, &c.	1,294	7 8	Metropolitan Consolidated Rate A/c Overdrawn	516	18 7
Sewer Account (for Management Expenses), transfer from	600	0 0			1,201 3 8
			Less Sewer A/c Balance	994	7 4
			Less Goldsmith's Alley A/c	114	6 10
			Less Less Foundling Estate A/c	73	10 10
					1,182 5 0
	33,094	7 8	General Purposes A/c—		
Foundling Estate Account—			Salaries	2,010	7 5
The Joint Vestry, under Precept, 1880		269 16 9	Paving	8,132	1 0
Brunswick Square Garden Rate Account—			Cleansing	5,084	8 3
The Joint Vestry, under Precept, 1880		40 0 0	Dust	1,666	13 4
Metropolitan Consolidated Rate Account—			Lighting	4,404	5 2
The Joint Vestry, under Precept, 1879	516	18 7	Watering	995	15 4
The like, under Precept, 1880	8,870	13 9	Office Expenses	147	1 6
			Miscellaneous	325	19 5
			Law Charges	75	0 8
			Returned Deposits on Paving Works	65	14 2
	9,387	12 4	Sale of Food and Drugs Act, 1875, Expenses	16	19 1
Coal Yard and Goldsmith's Alley Improvement Account—			Coal Yard and Goldsmith's Alley A/c Metropolitan Board—Interest and Instalment of Loan	168	2 10
Sales of Surplus Land and Old Materials		432 1 5	Purchase of Nos. 197-8, High Holborn, and Enlargement of Offices A/c, Transfer to	377	10 6
Purchase of Nos. 197-8, High Holborn, and enlargement of Offices Account—			School Board for London, Precept, 1880	8,698	17 5
Metropolitan Board of Works on Loan	8,000	0 0			32,168 16 1
			Foundling Estate A/c—		
			Interest to Bondholders and Property Tax		259 7 11
			Brunswick Square Garden Rate A/c—		
			Garden Committee under Precept, 1880		40 0 0
			Metropolitan Consolidated Rate A/c—		
			Metropolitan Board of Works Precept, 1880		8,870 13 9

Rents and Interest on Deposit .	216	0	5	
General Purposes Account, transfer from	377	10	6	
				8,593 10 11

Sewer Rate Account—

The Joint Vestry of St. Giles and Bloomsbury	4,000	0	0	
Connections with Sewers	309	2	9	
				4,309 2 9

TOTAL RECEIPTS	56,126	11	10
--------------------------	--------	----	----

Actual Cash Receipts .	£55,149	1	4
Transfers	977	10	6
	£56,126	11	10

£56,126 11 10

Coal Yard and Goldsmith's Alley Improvement A/c—

Purchase of Freehold of No. 25, Macklin Street, and Vendor's Charges	258	5	0	
London and Westminster Bank (Interest on Loan), Wages, &c.	62	12	11	
				320 17 11

Purchase of Nos. 197-8, High Holborn, and Enlargement of Offices, A/c—

Purchase of Freehold of Nos. 197-8, High Holborn	8,000	0	0	
Vendor's Charges on above	280	19	1	
Interest on Loan	154	2	0	
Labour and Expenses	158	9	10	
				8,593 10 11

Sewer Rate A/c—

Materials and Wages of Repairs .	1,571	15	4	
New Sewers Contract	2,362	1	7	
General A/c (for Management), transfer to	600	0	0	
				4,533 16 11

TOTAL PAYMENTS	54,787	3	6
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Actual Cash Payments .	£53,809	13	0
Transfers	977	10	6
	£54,787	3	6

Balances at Bankers, 25th March, 1881—

General A/c	241	6	6	
Foundling Estate A/c	83	19	8	
Sewer Rate A/c	769	13	2	
Goldsmith's Alley A/c	225	10	4	
				1,320 9 8
				£56,126 11 10

<i>Dr.</i>	<i>Debts and Liabilities of the Board.</i>						<i>Assets and Moneys owing to the Board.</i>						<i>Cr.</i>		
	Ledger folio.	£	s.	d.	£	s.	d.	Ledger folio.	£	s.	d.	£	s.	d.	
On General Purposes Account—								On General Purposes Account—							
Contractors for Balances retained and Tradesmen's accounts due.		2,975	7	2				Balance of Precept of 14th Sept., 1880	23	1,500	0	0			
Balances on Deposits for Restored Works		407	16	2½				Impress Money in hands of Clerk Due from Gas and Water Com- panies	141	100	0	0			
					3,383	3	4½	Due from various persons for Restoration of Pavings		203	15	10			
On Foundling Estate Account—								Materials and Implements in Stock		1,227	14	6			
Bond Debt transferred to this Board by Metropolitan Board of Works, 1st August, 1856		6,746	0	0				Due from Sewer Account for Management	235	600	0	0			
Unclaimed Interest on Bonds to Christmas, 1881	679	77	10	3				The like, for Cash transfers	220	58	6	5			
Interest on Bonds to Lady-Day, 1881	54	67	9	2								3,738	14	9½	
Property Tax, due Christmas, 1880	278	6	9	5				On Sewer Rate Account—							
					6,897	8	10	Materials and Implements in Stock					317	13	5
On Purchase of Nos. 197 and 198, High Holborn, Account—								Cash at Bankers, 25th March, 1881					1,320	9	8
Metropolitan Board of Works on Loan	676				8,000	0	0						5,376	17	10½
On Coal Yard and Goldsmith Alley Improvement Account—								Balance of Liabilities over Assets					18,619	6	5
Metropolitan Board of Works on Loan	675	2,867	0	0											
London and Westminster Bank on Loan	674	1,800	0	0											
					4,667	0	0								
On Sewer Rate Account—															
Tradesmen's Accounts due		141	16	11											
Contractor for Balance retained under Sewer Contract, 1880	310	233	0	0											
Balances on Deposits for Re- constructing Drains		15	8	9											
Due to General Account for Management	171	600	0	0											
The like, for Cash transfers	128	58	6	5											
					1,048	12	1								
					£23,996	4	3½						£23,996	4	3½

Dr.	Debts and Liabilities of the Board.										Cr.
		Ledger folio.	£	s.	d.		£	s.	d.		
On General Purposes Account—											
Contractors for Balances retained and Tradesmen's accounts due.			2,975	7	2						
Balances on Deposits for Restored Works			407	16	2½		3,383	3	4½		
<hr/>											
On Foundling Estate Account—											
Bond Debt transferred to this Board by Metropolitan Board of Works, 1st August, 1856			6,746	0	0						
Unclaimed Interest on Bonds to Christmas, 1881			679	77	10	3					
Interest on Bonds to Lady-Day, 1881			54	67	9	2					
Property Tax, due Christmas, 1880			278	6	9	5					
<hr/>											
							6,897	8	10		
On Purchase of Nos. 197 and 198, High Holborn, Account—											
Metropolitan Board of Works on Loan			676				8,000	0	0		
On Coal Yard and Goldsmith Alley Improvement Account—											
Metropolitan Board of Works on Loan			675	2,867	0	0					
London and Westminster Bank on Loan			674	1,800	0	0					
<hr/>											
							4,667	0	0		
On Sewer Rate Account—											
Tradesmen's Accounts due				141	16	11					
Contractor for Balance retained under Sewer Contract, 1880			310	233	0	0					
Balances on Deposits for Re-constructing Drains				15	8	9					
Due to General Account for Management			171	600	0	0					
The like, for Cash transfers			128	58	6	5					
<hr/>											
							1,048	12	1		
							£23,996	4	3½		

<i>Assets and Moneys owing to the Board.</i>				<i>Cr.</i>	
	Ledger folio.	£	s.	d.	£ s. d.
On General Purposes Account—					
Balance of Precept of 14th Sept., 1880	23	1,500	0	0	
Impress Money in hands of Clerk	141	100	0	0	
Due from Gas and Water Companies		203	15	10	
Due from various persons for Restoration of Pavings		48	18	0½	
Materials and Implements in Stock		1,227	14	6	
Due from Sewer Account for Management	235	600	0	0	
The like, for Cash transfers	220	58	6	5	
		<hr/>			3,738 14 9½
On Sewer Rate Account—					
Materials and Implements in Stock					317 13 5
Cash at Bankers, 25th March, 1881					1,320 9 8
					<hr/> 5,376 17 10½
Balance of Liabilities over Assets					18,619 6 5
<hr/>					
					£23,996 4 3½

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 25th day of March, 1880, to the 25th day of March, 1881, 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, 199, High Holborn, and that the same are true and correct in all particulars, and do allow and sign the same in token thereof.

Given under our hands this Thirtieth day of May, One thousand eight hundred and eighty one.

JOHN REYNOLDS.

JAMES SMITH.

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

199, HIGH HOLBORN,

28th June, 1881.

GENTLEMEN,—

I beg to lay before you the following Report on the works executed by your Board, during the year ending 25th March, 1881.

New Pavings.

CARRIAGE-WAYS.

Situation.	Description of Paving.	Net Cost.		
		£	s.	d.
Great Queen Street, from Little Queen Street to Drury Lane.....	New Wood Paving on concrete and asphalte foundation	1,452	8	5
Hunter Street.....	Re-dressed Granite on concrete foundation	607	4	0
Bloomsbury Street, South of Oxford Street	Ditto ditto ditto	350	14	9
Gate Street (East end)	Ditto ditto ditto	276	7	9
Coal Yard, from Smart's Buildings to Drury Lane.....	Ditto ditto ditto	142	4	5
Castle Street, from Endell Street to Great Earl Street	Ditto ditto ditto	137	1	9
FOOTWAY.				
Lincoln's Inn Fields (East side) ...	New Victoria Stone Paving	197	11	11

The following macadamized roadways were recoated with broken granite, steam rollers being used to consolidate the granite after it was spread :—

Bedford Square, north and east sides, Russell Square, west side, Montague Place, and Chenies Street.

A portion of the wood paving laid in Bloomsbury Square by the Improved Wood Paving Company (Limited) in September, 1875, being in bad condition, notice was served on the Company in January, 1881, to repair the same in accordance with the terms of its Contract

with the Board; the Company, accordingly, in March, 1881, at its own expense, removed the greater portion of the paving, including its plank foundation, and laid in lieu thereof new wood blocks on new concrete foundation.

A portion of the wood paving in High Street, laid by Messrs. Mowlem and Company in October, 1875, being also in bad repair, was taken up by the Contractors, and new blocks laid in place thereof at their expense.

New Sewers.

The following lengths of new Sewers were constructed during the year:—

Upper Bedford Place	...	720ft.	lineal of brick sewer, 4ft. by 2ft. 6in. internal dimensions.	
Kenton Street (from Great Coram Street to Boundary of District)	... ..	420	do.	do.
Henrietta Street (from Kenton Street to Hunter Street)		300	do.	do.
Great Coram Street, (from Kenton Street to Brunswick Square)	... ..	310	do.	do.
		<hr/>		
Total		1750	ft. lineal of new brick sewers.	

A length of about 80 feet of the sewer in little Queen Street was underpinned; this work was performed to enable the Holborn Restaurant to be drained, and the cost of the work was defrayed by the owner of the Restaurant.

Street Cleansing.

The cleansing of the public carriage-ways was performed by a staff of men employed by the Board, consisting of 1 foreman, 3 gangers, and 31 sweepers.

Two sweeping machines, each drawn by one horse, were used in sweeping the paved carriage-ways.

The street sweepings were carted away by contract, and amounted to a total of 10,535 loads.

The carriage-ways of High Holborn, Oxford Street, Little Queen Street, High Street, Hart Street, and Great and Little St. Andrew Streets, were washed on several occasions during the year by means of watering carts and the sweeping machines.

The cost of the washing is included in the two items of cost for street cleansing and street watering given hereafter.

Removal of Snow.

There were several falls of snow during the late winter, which involved considerable additional labour and cartage in clearing the public ways.

On the 18th and 19th January a severe storm and heavy snowfall occurred; the snow drifted very much, and it was difficult to ascertain the exact depth of the fall, but it certainly was not anywhere less than 6 inches, and was probably in many places considerably more, but assuming an average of 6 inches only over the public ways of the St. Giles district, it gives a total quantity of 60,000 cubic yards, which quantity was largely added to by what was thrown on to the public ways from the roofs and back yards of houses.

The Board's contractor did, I believe, his best to remove the snow speedily, but the quantity was so large that your Board engaged additional horses and carts to assist in its removal. The total quantity of snow carted away was 9270 loads, of which 4080 were carted away by the Board's contractor without extra charge to the Board, and 5190 loads by the additional horses and carts hired by the Board.

The total quantity of snow removed during the whole winter was 9490 loads.

Street-orderly Boys.

Eight boys and one man (as ganger) were employed during the year in cleansing the public footways in the district during wet and sloppy weather, and in collecting the horse droppings from the surface of the wood paving in High Holborn and New Oxford Street in dry weather.

The total cost of the street cleansing for the year ending 25th March, 1881, was as follows:—

	£	s.	d.
Wages of men and street-orderly boys ...	2,018	6	11
Brooms, scrapers, shovels, &c., and clothing for men and boys	131	15	5
Cartage of slop and street sweepings, and the snow removed under contract	2,332	6	8
Additional labour and cartage in removal of snow after the fall of the 18th and 19th January, 1881	601	19	3
Total cost of street cleansing and snow removal for the year	£5,084	8	3

Street Watering.

The street watering was performed by contract, the contractor supplying all carts, horses and drivers required, at a fixed price for the whole work for the year.

The water for this purpose (including that used for street washing) was 3,953,000 gallons.

	£	s.	d.
The amount paid for water, meter hire, repairs of stand posts, &c., was	240	19	4
To contractors for carts, horses and men	754	16	0
Total	£995	15	4

Removal of Dust.

The dust and ashes were removed from the houses in the District by contract, at a cost of £1666 13s. 4d.

Limewhiting Courts.

The walls of buildings at the entrances to the mews, yards, courts, alleys, &c., in the District were twice cleansed and limewhited during the year, at a cost of about £70.

Public Urinals.

The public urinals belonging to the Board are 18 in number, and contain 46 compartments; 10 of the urinals, containing 35 compartments, have water laid on to them, the others have not. The whole of them are cleansed daily by the Board's workmen.

LIST OF PUBLIC URINALS IN THE ST. GILES DISTRICT.

Bainbridge Street	...	5	compartments	...	Water supply laid on.
Chenies Mews (North)		3	do.	...	do.
Dunn's Passage	...	5	do.	...	do.
Lascelles Court	...	4	do.	...	do.
Morwell Street	...	3	do.	...	do.
Parker Street	...	2	do.	...	do.
Pied Bull Yard	...	3	do.	...	do.
Seven Dials...	...	6	do.	...	do.
Torrington Mews	...	1	do.	...	do.
Whetstone Park	...	3	do.	...	do.

LIST OF PUBLIC URINALS—*continued.*

Bernard Mews	...	...	3 compartments	...	Water not laid on.
Brewer Street	...	...	1 do.	...	do.
Caroline Mews	...	...	1 do.	...	do.
Chenies Mews (South)	...	...	1 do.	...	do.
Colonnade	...	...	1 do.	...	do.
Hunter Mews	...	...	1 do.	...	do.
Nottingham Court	...	...	1 do.	...	do.
Southampton Mews	...	...	2 do.	...	do.

 11
Public Lighting.

One of Sugg's improved street lamps, fitted with argand burner, giving a light equal to 80 candles, was fixed on the crossing refuge at the south end of Tottenham Court Road in April, 1879. This burner did not give satisfaction owing to its frequently flaring and thus smoking the chimney enclosing it to such a degree as to considerably obscure the light; it was accordingly removed on 29th October, 1880, and Sugg's patent flat-flame burner substituted for it. This burner has proved satisfactory.

One of Bray's patent lanterns and flat-flame burners was fixed on 19th March, 1881, on the refuge in Broad Street, opposite the south end of Dyott Street.

The work of substituting the new improved circular lamps for those of the old square pattern was proceeded with. The total number of lamp-posts and lanterns of the new pattern in the District at Lady-day, 1881, was 319.

Châlets de Toilette et de Nécessité.

On the 5th March, 1880, Mr. Watkyns applied to your Board for permission to erect certain châlets for the convenience of men and women in the public ways of your district. The châlets as proposed were to be of the following dimensions, viz., 20 feet long, 12 feet wide, and 13 feet 9 inches high to the ridge of roof; they were to be divided into two compartments with a separate entrance at each end, one end being for the use of men and the other for women; each compartment was to contain 4 w.c.'s, a dressing room and lavatories. On one side of the châlet a kiosk for the sale of newspapers and periodicals was proposed, it was to be in the form of a bay, 5 feet in length.

The promoter, Mr. Watkyns, proposed that the Board should grant him a concession for the erection of one or more châlets for a term of thirty years, the concessionaire to pay the Board a rent of £10 per annum for each châlet erected within the district. He to be allowed

to charge persons using the chalet three-half pence each for the use of the w.c.'s, and one penny each for the use of the lavatory and dressing room. At the expiration of the term of thirty years the chalets to become the property of the Board without payment. The proposal was fully considered by your Board, who had skeleton models erected in order to judge of the extent of public way that would be occupied by the proposed structures and their effect on the public traffic. One model was erected in High Holborn at its junction with New Oxford Street, and another in Broad Street, near to the south end of Bloomsbury Street.

The Board finally resolved on the 23rd March, 1880, not to sanction their erection within the St. Giles District.

The following is a list of the Contracts entered into by the Board and in force up to the 25th day of March, 1881:—

Name and Address of the Contractor.	Nature of Contract.	Term of Contract.
J. J. GRIFFITHS, 283, Kingsland Road.	For the supply of granite and Yorkshire stone, as per schedule of prices.	One year from 29th September, 1880.
C. KILLINGBACK, Ice Well Wharf, Camden Town.	For the supply of sand, ballast, and hogan, and the cartage of materials, rubbish and gully refuse, as per schedule of prices.	Ditto.
G. COOKSON, Gloucester Street, Albert Embankment.	For the carting away of road sweepings from the public ways, for the sum of £1800.	Ditto.
G. COOKSON, Gloucester Street, Albert Embankment.	For the removal of the dust and ashes from the houses in the District, for the sum of £1550.	Ditto.
G. COOKSON, Gloucester Street, Albert Embankment.	For watering and washing the public ways, for the sum of £650.	From 1st March to 31st October, 1881.

I have the honor to remain,

Gentlemen,

Your obedient Servant,

G. WALLACE,

Surveyor.

1880.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

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London.*

"AREA.—The area of London (the registration division so called) is 78,080 acres, or 122 square miles, including 2718 acres of the Thames; The length of the streets and roads is about 1500 miles, and their area nearly 12 miles square. The sewers have a length of about 2000 miles.

"ELEVATION.—The population of London resides at a mean elevation of 39 feet above Trinity high-water mark; the elevation varying from 11 feet below high-water mark in Plumstead Marshes to 429 feet above high water-mark in Hampstead.

"HOUSES.—At the Census in 1871 there were within this area 417,767 inhabited houses, containing an average of 7·8 persons to a house. Exactly corresponding with the proportion in 1861.

"ANNUAL RATEABLE VALUE.—The annual rateable value of property in the Metropolis, in April, 1881, as assessed in accordance with the Valuation (Metropolis) Act, 1869=£27,405,488.

"DENSITY (1871).—103 persons to a hectare; 42 persons to an acre; 26,674 to a square mile.

"ANNUAL RATE OF INCREASE OF POPULATION.—Per cent., 1851-61, 1·73; 1861-71, 1·50.

" 1880.

"POPULATION.— { Males 1,714,999 } total 3,664,149.
(Estimated to the middle of the year.) { Females 1,949,150 }

"BIRTHS.— { Males 67,514 } total 132,173.
 { Females 64,659 }

"Annual rate of births per 1000 of the population, 36·2.

"DEATHS.— { Males 41,702 } total 81,128.
 { Females 39,426 }

"Annual rate of mortality per 1000—

 Males 24·3 } total 22·2.
 Females 20·2 }

"Excess of registered births over deaths, 51,045.

"Estimated increase of population, 43,131.

"In the three Indian Capitals, the rate of mortality in 1880 averaged 34·3 per 1000; it was 26·8 in Calcutta, 32·7 in Bombay, and 44·8 in Madras.

"In twenty-two European cities the mortality averaged 30·8 against 22·7 in the twenty large English towns.

* From the "Annual Summary" of the Registrar-General of Births, Deaths, and Marriages.

"The lowest rates in these cities were 20·3 in Christiania; 22·9 in Geneva; 23·1 in the Hague; and 24·2 in Rotterdam; whereas the rates ranged upwards to 36·0 in Trieste, 37·3 in Buda-Pesth, 40·1 in Madrid, and 46·1 in St. Petersburg.

"The rate in Paris was equal to 29·0 per 1000, the deaths included 2266 from small-pox, 2130 from diphtheria and croup, and 2105 from typhoid fever. The death-rate from 'fever' in Paris in 1880, was nearly four times as great as in London; and that from small-pox and diphtheria more than eight times as great.

"In St. Petersburg, however, the death-rate from 'fever' was nearly five times as great as it was in Paris.

"Small-pox was more or less fatally prevalent in Vienna, Buda-Pesth, Trieste, Rome, and Venice.

"In Berlin, the third largest European city, the death-rate was equal to 29·9 per 1000; this high rate was in great measure due to diphtheria and summer diarrhœal diseases.

"The death-rate in four of the largest American cities averaged 23·6."

Males	Females	Total
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200
100	100	200

THE ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

TO THE BOARD OF WORKS FOR THE ST. GILES DISTRICT

GENTLEMEN,—

I have the honour to lay before you the Annual Report, for the year 1880, with the vital statistics of the District according to the Census returns of population in 1871.

St. Giles District

Contains a superficial area of 245 acres,

And a density of population of 219 to an acre.

The average elevation of the District is about 68 feet above Trinity high-water mark.

The Population (Census 1871)	{ St. George, Bloomsbury	17,843
	{ St. Giles, South ...	19,089
	{ St. Giles, North ...	16,497
Total ...		53,429

Marriages and Marriage-rate.

There were 400 marriages during the year, viz. :—

Name of Building.	Denomination.	Number of Marriages.
St. Giles-in-the-Fields (Parish Church, High Street)	Established Church . .	140
St. George, Bloomsbury (Parish Church, Hart Street)	Established Church . .	160
Superintendent Registrar's Office	. . . . .	41
Sardinian Chapel, Sardinia Street	Roman Catholic . . .	41
Bloomsbury Chapel, Bloomsbury Street	Baptist	7
Little Wild Street Chapel	Baptist	1
Great Queen Street Chapel	Wesleyan Methodist . .	5
Église Suisse, Endell Street	Swiss Reformed Church	—
Kingsgate Chapel, Kingsgate Street	Baptist	1
Keppel Street Chapel	Baptist	4
Total ...		400

The marriage-rate was 14·9 married to 1000 of the population, being a slight increase over the preceding year.

The number of marriages being 397, 390, 391, 415 and 382; the average marriage-rate for five years is 14·7 per 1000.

The marriages in London during 1880 were 34,070.

Births and Birth-rate.

During the four quarters of 1880 there were 1500 children born in the District, 767 males and 733 females.

The births registered in the three Sub-Districts were as follows:—

St. George, Bloomsbury	...	...	...	...	...	394
St. Giles, South	...	...	...	...	...	696
St. Giles, North	...	...	...	...	...	410
						<hr/>
Whole District	...	...	...	...	...	1,500

and equal to a birth-rate of 28·0 per 1000.

This statement of births does not accurately represent the birth-rate of either the District or its Sub-Districts and requires corrections, thus 145 of the births, viz., 23 at the Workhouse, Broad Street, and 122 at the British Lying-in Hospital, Endell Street, were children of mothers who belonged, by previous residence, to various other parishes in the metropolis, and must therefore be deducted, not only from the whole district, but also from the Sub-District of St. Giles, South, where they were registered. These corrections reduce the number of births in St. Giles, South, to 551, and in the whole District to 1355, and give an *actual* birth-rate of 25·3 per 1000.

The following table will show these alterations more clearly:—

BIRTH-RATE IN ST. GILES AND ITS SUB-DISTRICTS IN 1880, AND THE RATIO OF BIRTHS TO POPULATION, &c.

REGISTRATION SUB-DISTRICTS.	Popula- tion.	Births	Ratio of Births to Population.	Rate per 1,000.	Average Birth Rate per 1,000 for 10 years 1870—79.
St. George, Bloomsbury	17,843	394	1 in 45·2	22·0	25·8
St. Giles, South	19,089	551	1 in 34·6	28·0	30·9
St. Giles, North	16,497	410	1 in 40·2	24·8	30·1
Whole District...	53,429	1,355	1 in 39·4	25·3	29·0

This birth-rate shows a further decline on the steadily decreasing rates of the six preceding years and is lower than that recorded in any year since 1868, when the same rate prevailed.

But it should be borne in mind that the foregoing averages are based on the Census tables for 1871, while we have good reason to believe that the population of St. Giles has largely decreased since that date.

In the year 1880 the number of births in England and Wales was 880,520, and the birth-rate was equal to 34·6 per 1000.

The natural increase of population by excess of births over deaths was 352,464.

The resident population of the United Kingdom in the middle of the year was estimated at 34,505,043.

Deaths and Death-rate.

During the four quarters of 1880, there were 1114 deaths in the District, 591 males and 523 females.

The deaths registered in the three Sub-Districts were as follows :—

St. George, Bloomsbury	...	...	...	...	...	289
St. Giles, South	...	...	...	...	...	532
St. Giles, North	...	...	...	...	...	293
Whole District						1,114

and equal to a death-rate of 20·8 per 1000.

This statement of registered deaths is open to the same objection as that of the births, and must therefore be similarly dealt with, viz., by deducting 51 deaths of *non-parishioners* who died in the Workhouse, Broad Street; the British Lying-in-Hospital, Endell Street; and the Infants' Home, Great Coram Street; and by adding the deaths of 205 *parishioners* who died in public hospitals and institutions for the sick, belonging to the Managers of the Metropolitan Asylums District Board, situated out of the district.

These important corrections increase our number of deaths by 154 and give an *actual* death-rate of 23·7 per 1000, being an addition of no less than 3·1 per 1000 to the rate of deaths registered in the District.

The ratio of deaths to population is as 1 to 42·1. The average death-rate for the ten years, 1870-9, being 23·9 and equal to 1 in 41·8 of the population. It is satisfactory to find the death-rate for the past year somewhat below it.

I have tabulated below the deaths in the several public institutions, situated in and out of the District, and have also given the corrected death-rate, &c., for the District and the Sub-Districts.

NUMBER OF DEATHS OF PARISHIONERS BELONGING TO ST. GILES DISTRICT, IN PUBLIC INSTITUTIONS *out of* THE DISTRICT, 1800.

SUB-DISTRICTS.	Hospitals belonging to Metropolitan Asylum District Board.				Hospitals of the Metropolitan Sick Asylum Board.											
	Fulham.	Stockwell.	Deptford.	Caterham.	Cleveland Street.	Highgate.	Edmonton Infirmary.	London Small Pox—Highgate.	London Fever—Liverpool Road.	University College.	Royal Free.	Children's Great Ormond St.	King's College.	Charing Cross.	Middlesex.	Total.
St. George, Bloomsbury	1	...	...	1	10	4	7	...	...	5	1	2	4	1	2	38
St. Giles, South	1	1	...	2	30	8	20	...	1	1	...	18	15	3	...	100
St. Giles, North .....	...	1	...	2	17	7	13	...	...	3	2	...	4	6	12	67
Whole District	2	2	...	5	57	19	40	...	1	9	3	2	26	22	17	205

THE NUMBER OF DEATHS IN ST. GILES WORKHOUSE, THE BRITISH LYING-IN-HOSPITAL, ENDELL STREET, AND THE INFANTS' HOME, GREAT CORAM STREET, 1880.—INSTITUTIONS SITUATED *in* THE DISTRICT.

SUB-DISTRICTS, &c.	Workhouse.	Lying-in Hospital.	Infants' Home.	Total Number of Deaths.
St. George, Bloomsbury.	30	—	—	30
St. Giles, South	60	—	—	60
St. Giles, North	40	—	—	40
Strand Union	20	—	—	20
Other Parishes	24	5	2	31
Total	174	5	2	181

TABLE SHOWING THE DEATH-RATE IN ST. GILES AND ITS SUB-DISTRICTS IN 1880, AND THE RATIO OF DEATHS TO POPULATION, &c.

Sub-Districts.	Population.	Deaths.	Ratio of Deaths to Population.	Rate per 1,000, in 1880.	Average Death-rate per 1,000 for 10 years, 1870—79.
St. George, Bloomsbury ...	17,843	355	1 in 50·2	19·8	18·6
St. Giles, South	19,089	513	1 in 37·2	26·8	28·6
St. Giles, North	16,497	400	1 in 41·2	24·8	22·3
Whole District	53,429	1,268	1 in 42·1	23·7	23·9

The registered births exceeded the registered deaths by 386.

In 1880, 528,056 deaths were registered in England and Wales, equal to a rate of 20·7 per 1,000.

St. Giles with its density of population is therefore only 3 per 1,000 above the average of the whole of the United Kingdom, and 1·5 per 1,000 above the average of the whole of the metropolis.

Deaths of Infants.

Of the 1,500 children born in the District during the year, 260 died under one year of age, which is equal to 1 death in every 5·7 of all registered births; 1 death in every 4·2 of all registered deaths.

Deaths of Young Children.

Again of these 1,500 births, 490 children died before attaining the age of five years, which is equal to 1 death in every 3·0 of all registered births, 1 death in every 2·2 of all registered deaths.

The mortality was again high, and chiefly caused from the following diseases: bronchitis and chest complaints, 143; atrophy, &c., 55; whooping-cough, 43; convulsions, 38; measles, 35; diarrhœa, 32; scarlet fever, 29; hydrocephalus, 26; and mesenteric disease, 18.

Deaths of Old People.

242 persons died at 60 years and upwards, the rate of mortality being as follows:—1 death in every 4·6 of all registered deaths, and in every 220 of population. Of the above, 40 deaths were of persons over 80 years of age.

The Workhouse, Broad Street.

There were 174 deaths in the Workhouse, including 20 parishioners belonging to the Strand Union.

1880.		Number of Deaths.
1st quarter, ending March 25	...	53
2nd quarter, ending June 24	...	39
3rd quarter, ending September 29	...	43
4th quarter, ending December 25	...	39
Total deaths		174

In addition to these, 57 parishioners died at the Hospital of the Central Sick Asylum, in Cleveland Street; 19 at the Sick Asylum at Highgate; 40 at the Infirmary, Edmonton; 5 at Caterham Asylum; 2 at Fulham Hospital; and 2 at Stockwell Hospital; making a total of 299 pauper deaths.

My thanks are due to the officers of the various hospitals and public institutions for permitting me to search their books in order to obtain the above information.

Mortuary.

The Charity Commissioners have authorized the Trustees of the Parochial Almshouse Charities to grant the lease to your Board of 25, Macklin Street, Drury Lane, for the erection of a Public Mortuary, Post-mortem Room, and Coroner's Court, and which the District has long been in need of.

When the building is completed, no doubt it will be much appreciated both by the Coroner and the Parishioners.

Uncertified Deaths.

The number of deaths registered as uncertified, that is to say, where no certificate has been given of the cause of death by a legally qualified practitioner, or no inquest has been held, appears to be increasing annually, both in many parts of the metropolis and the country.

The uncertified deaths in this District are not many, for during the years 1875—78 they averaged only 6, but in 1879 they increased to 14; last year they were 11. Your Board considers that no uncertified deaths should be registered previous to some official investigation, and have therefore memorialized the Home Secretary, asking for legislation on the subject.

Inquests.

During the year, 88 inquests were held upon persons in this District of whom 15 belonged to St. George, Bloomsbury, 56 to St. Giles, South, and 17 to St. Giles, North. Of these, 35 died from natural causes, 8 from deaths accelerated by drinking habits, 13 from deaths accelerated by cold, exposure, and neglect, 21 from accidental causes, 5 from suicides, and 6 from homicide, infanticide, and manslaughter.

The following were the verdicts returned by the juries:—

Cause of Death.		St. George, Bloomsbury.	St. Giles, South.	St. Giles, North.	Total.
Natural Causes, Exposure, and Neglect.	Apoplexy, diseases of the brain and nervous system	1	5	3	9
	Diseases of the heart and aneurism.....	1	9	2	12
	Diseases of the respiratory and pulmonary organs	1	16	1	18
	Diseases of the alimentary canal.....	1	9	...	10
	Diseases of the kidney.....	...	1	...	1
	Teething .....	...	...	1	1
	Measles.....	1	...	...	1
	Croup, atrophy, delirium tremens	1	1	2	4
Accidental Causes.	Injury to brain from fall down stairs.....	...	1	1	2
	Injury to knee from a nail whilst shoeing a horse	1	...	...	1
	Injury from explosion of gas (fractures)... ..	...	...	1	1
	Burns on body from clothes taking fire ...	1	...	...	1
	Scalds from upsetting a basin of hot tea...	1	...	...	1
	Poison (opium).....	1	...	...	1
	Suffocation (of these 12 were children in bed with parents).....	2	11	1	14
Suicidal Causes.	Hæmorrhage from cut throat with razor...	2	...	...	2
	Hanging .....	...	...	1	1
	Poison { cyanide of potassium, 1 } { prussic acid .....1 } .....	...	...	2	2
Wilful Causes.	Strangulation .....	...	...	1	1
	Hæmorrhage from cord by neglect of mother .....	...	1	1	2
	Suffocation	1	...	...	1
	Ditto (from fire) .....	...	2	...	2
Total.....		15	56	17	88

The British Lying-In Hospital, Endell Street.

The following statistics refer to this hospital, which continues under its able management to render valuable assistance to a number of deserving poor married women during their confinement.

During the year 142 women were delivered of 139 children born alive and 3 still-born; of the living children 67 were males, and 72 females.

Only 17 of the mothers were parishioners, viz., 5 of St. George, Bloomsbury; 6 of St. Giles, South; and 6 of St. Giles, North. The remaining 122 resided in various metropolitan parishes before they came into the hospital for their confinement.

There were 5 deaths (non-parishioners) in the hospital, viz., 3 mothers and 2 children; of the mothers, one died, aged 39, from placenta prævia; another, aged 27, from pneumonia; the other, aged 41, from cancer uteri; of the children, both died shortly after birth, one from marasmus, the other from syphilis.

The Infants' Home, No. 35, Great Coram Street.

Two children died at this Infants' Home or Nursery:—1, aged 6 months, from atrophy and debility, the other, aged 6 weeks, from syphilis; both were returned as children of female domestic servants.

The Bloomsbury Dispensary, Great Russell Street.

The following interesting tabulated report of the cases, shows that the Institution has again done good service during the past year to the sick poor of the District.

The Resident Medical Officer, Dr. Steele, and the Staff promptly aid us in our endeavours to prevent the spread of infectious disease.

THE NUMBER OF NEW CASES TREATED AT THE BLOOMSBURY DISPENSARY, 1880, WERE—

Quarter ending—	Physician's Cases.			Surgeon's Cases.			Casualties about	TOTAL.		
	Total No. under Treatment.	Visited at Home.	Died.	Total No. under Treatment.	Visited at Home.	Died.		Total No. under Treatment.	Visited at Home.	Died.
1880.										
March 25 ..	963	264	26	555	20	—	445	1,518	284	20
June 24 ..	858	178	14	539	21	—	360	1,397	199	21
Sept. 29 ..	803	148	16	474	16	—	384	1,277	174	26
Dec. 24 ..	899	173	7	497	29	—	372	1,396	202	29
Whole Year ..	3,523	763	63	2,065	96	—	1,561	5,588	859	96

Mortality from Certain Classes of Diseases.

I. SEVEN PRINCIPAL ZYMOTIC DISEASES.

SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-
COUGH, FEVER AND DIARRHŒA.

Number of deaths from these diseases in England and Wales, 82,537, and equal to a death-rate of 3·22 per 1,000.

Number of deaths from these diseases in the metropolis, 13,681, and equal to a death-rate of 3·7 per 1,000.

Number of deaths from these diseases in St. Giles District, 190, and equal to a death-rate of 3·55 per 1,000.

Small-Pox (decennial average, 14·0).—The deaths by small-pox in London, which were 2,544 in 1871, 1,416 in 1878, 458 in 1879, were 475 in 1880.

The annual rate of mortality from small-pox to 10,000, living in the 30 years, 1841—70, was 3·1, but owing to the severe epidemic of 1871—2, it rose in the nine years, 1871—9 to 4·9. No parishioners of St. Giles died from it in 1879, and only 10 mild cases were removed to hospital. The District was reported to be free from the disease from August, 1879, until the end of February, 1880, when it re-appeared in Betterton Street, Drury Lane; from that date until the end of the year, 9 persons were attacked and removed to Fulham and Stockwell Hospitals, where 3 died.

The 9 patients (6 adults and 3 children) resided in the following places, viz. :—

- 2 in Betterton Street.
- 1 in New Compton Street.
- 1 in Newton Street.
- 1 in Store Street.
- 1 in Keppel Mews, North.
- 1 in Marchmont Street.
- 1 in Gate Street.
- 1 in Little Coram Street.

The following return will show the monthly admission of vaccinated, doubtfully vaccinated, and unvaccinated small-pox patients from this district into hospitals belonging to the Asylum Board during the year 1880.

TOTAL ADMISSIONS AND DEATHS (VACCINATED, DOUBTFULLY VACCINATED,
AND UNVACCINATED).

1880.	Fulham.	Stockwell.	Number of Admissions.	Vaccinated.	Unvaccinated.	Doubtful.	DEATHS.		
							Vaccinated.	Unvacci- nated.	Doubtful.
January ...	—	—	—	—	—	—	—	—	—
February ...	1	—	1	—	1	—	—	—	—
March ...	1	—	1	—	1	—	1	—	—
April ...	2	—	2	1	1	—	—	—	—
May ...	—	—	—	—	—	—	—	—	—
June ...	2	—	2	2	—	—	1	—	—
July ...	—	—	—	—	—	—	—	—	—
August ...	1	—	1	—	—	1	—	—	—
September	—	—	—	—	—	—	—	—	—
October ...	—	—	—	—	—	—	—	—	—
November ..	—	—	—	—	—	—	—	—	—
December...	—	2	2	2	—	—	1	—	—
Total ...	7	2	9	5	3	1	3	0	0

The following table will show the total number of Small-pox cases in the District, with the fatality for the 5 years, 1876—80.

Year.	Number of Cases Reported.	Deaths at Home.	Deaths in Hospital.	Total Deaths.
1876	18	—	4	4
1877	100	2	10	12
1878	54	—	13	13
1879	10	—	—	—
1880	10	—	3	3
Total	192	2	30	32

Equal to a death-rate of 0·12, or in vulgar fractions $\frac{12}{100}$ in 1,000 per annum.

VACCINATION.—There is but one known protective against small-pox—vaccination; if a person has been efficiently vaccinated in childhood, and efficiently re-vaccinated at or after puberty, he is as safe against the contagion of small-pox as he can possibly be rendered.

The late Mr. Marson, who was for 40 years Resident Medical Officer of the London Small-pox Hospital at Highgate, has stated that he has never known small-pox to affect any one of the nurses or servants so protected.

The official returns from the Hospitals of the Metropolitan Asylum Board show that in the two epidemics, the nurses and servants of those establishments were protected from small-pox by efficient vaccination, and every person employed was subjected to secondary vaccination previous to entering on their duties there.

VACCINATION OF INFANTS.—Mr. Yardley, the Vaccination Officer of the Guardians, habitually visits, whether small-pox is epidemic or not, houses which are let out in tenements, to discover unvaccinated children, and urge parents to take such children to the public vaccinator. But notwithstanding this frequent visitation, many children in our migratory population escape vaccination.

RE-VACCINATION.—Medical men rightly think that all persons ought to be re-vaccinated as they become adults, and if this secondary vaccination be well performed, the person is protected for life, and this opinion appears to be justified by the experience of the re-vaccination of attendants in all the small-pox hospitals.

The following return, kindly supplied to me by Mr. Yardley, relating to the vaccination of children born in the District, will be found interesting :—

RETURN RESPECTING VACCINATION OF CHILDREN WHOSE BIRTHS WERE REGISTERED DURING THE YEAR.
(For the period from July 1, 1879, to June 30, 1880.)

Registration Sub-Districts comprised in Vaccination Officer's District.	Number of Births re- turned 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 of—			
		Col. 10. Success- fully Vacci- nated.	Column 11.		Col. 13. Dead. Unvacci- nated.	Postponement by Medical Certificate.	Removed to Districts, the Vaccination Officer of which has been duly apprised.	Removed to Places unknown, or which cannot be reached ; and Cases not having been found.	Cases not ac- counted for in either of the fore- going Columns.
			Insuscepti- ble of Suc- cessful Vac- cination.	Had Small-pox.					
1	2	3	4	5	6	8	9	10	
St. George, Bloomsbury	410	344	—	—	28	7	—	27	4
St. Giles, South	729	556	—	—	57	6	18	89	3
St. Giles, North	446	376	—	—	37	5	2	26	—
Entire District.....	1,585	1,276	—	—	122	18	20	142	7

Hospital Accommodation for Small-Pox and other Infectious Diseases.—Your Board is the nuisance and health authority of the District, and therefore responsible for the health of the District, I therefore venture to offer some remarks on the sad condition of this District in common with the whole of London, when in the midst of an epidemic, like the one now among us, the authorities are interfered with in their attempts to isolate the patients. The several parishes of the metropolis have no means of their own for such isolation, and in 1867 the Metropolitan Poor Act was passed and the Asylum Board was called into existence for the treatment of poor persons belonging to the unions or parishes in the metropolitan area, who may be suffering from infectious diseases. The establishment of this Asylum Board relieved all the parishes in the metropolitan area of the duty of treating their paupers when so suffering, by performing that duty for each and every parish.

The Asylum Board, acting under the authority of the Local Government Board, has performed this duty, but has lately been checked by law proceedings which are still pending.

It has been suggested that in the event of the closing of the several Hospitals of the Asylum Board, the several parishes should establish Hospitals of their own, for the isolation and treatment of their paupers; if such a suggestion cannot be carried out by suburban parishes having an open country at their disposal, it is quite clear that parishes like our own, without an open country on any side of it, cannot act on such a suggestion. And, as the nuisance authority, your Board could not allow the erection of a hospital for an infectious disease in the midst of its crowded streets, for such a hospital would no doubt be a nuisance *per se*, and render you liable to law proceedings.

Measles (Decennial Average, 26·9) was more fatal throughout the country in the first three months of 1880, than in any corresponding period since 1874. The District lost 37 children from it, nearly double of the preceding year, and in excess of the decennial average.

Scarlet Fever (Decennial Average, 32·7).—This District, in common with the metropolis, suffered severely from an epidemic of Scarlet Fever, which continued throughout the year, and reached its intensity in August during the hot weather, when more than 50 children (chiefly belonging to the poor) were reported to be suffering from it.

Scarlet Fever is a difficult epidemic to deal with and remains a long time in a district chiefly on account of the objection of parents to allow their children to be isolated by removal to a fever hospital.

The children remain with their parents in rooms where isolation is impossible, where visitors are freely received, who carry away infection, and where there are no means for disinfection of the clothing and rooms.

Of the total number of cases reported during the year only 20 were removed to the hospital.

The deaths were 45, including 2 in Charing Cross and Stockwell Hospitals.

Diphtheria (Decennial Average, 3·3).—The mortality of 14 from this disease is very heavy and much above the decennial average; most of the deaths were children under 5 years of age, residing in the parish of Bloomsbury.

Two of the patients were admitted to the Children's Hospital, Great Ormond Street, and died there.

Whooping Cough (Decennial Average, 34·3).—We have again this year to deplore a heavy loss from this distressing infantile disease, for no less than 45 children died of it; it prevailed nearly all over the District, but was especially severe in St. George, Bloomsbury, and in St. Giles, South.

Fever, including Typhus, Typhoid and simple continued Fever (Decennial Average, 22·1) Typhus.—This infectious form of fever, which in the previous year remained nearly three months in the District and caused great anxiety, happily has not re-appeared, for during 1880, no sickness or death was recorded from it, either in hospitals or the District.

Typhoid and simple continued Fever.—In these other forms of fever, the District has been equally free, for only 7 deaths were registered from them, being considerably below the average.

The following tables will show the admission of the fever cases from this District into the hospitals belonging to the Asylum Board, during the year 1880 :—

Hospitals.	Scarlet.	Typhoid	Typhus.	Other diseases	Total admissions.	DEATHS.			
						Scarlet.	Typhoid	Typhus.	Other diseases
Stockwell . .	6	1	—	1	8	1	—	—	—
Deptford . .	14	1	—	2	17	—	—	—	—
Total . .	20	2	—	3	25	1	—	—	—

The Registrar-General, in his Annual Summary for 1880, states:—

“The death-rate ascribed to fever fell nearly 60 per cent. below the average of the three preceding decennia. The meaning of this will perhaps be better appreciated if stated in another form. Had, then, the death-rate from fever remained at its previous level, in London alone nearly 19,000 more persons would have died from this cause during the ten years, than as a matter of fact did die from it. It is probably a low estimate to say that for each fatal case of fever there are 4·4 more which are not fatal. We may therefore conclude that *sanitary measures* have preserved more than 102,000 Londoners in the last ten years from being attacked by fever.”

Diarrhœa (Decennial Average, 58·4).—The deaths from diarrhœa numbered 39 (of which 32 were children), against an average of 58·4 for the ten preceding years. This low death-rate may be accounted for by the extreme wet and cold which prevailed in the summer.

The disease notably attacks young children during the hot weather, and its fatality varies with the temperature.

THE OTHER ZYMOTIC DISEASES.

Total deaths, 38.

METRIA (puerperal or lying-in fever) was fatal to 5 poor women soon after their confinement; CROUP carried off 11 children; ERYSIPELAS caused 4 deaths; QUINSY 1; RHEUMATISM (acute and chronic) 8; ALCOHOLISM (delirium tremens) 1; SYPHILIS destroyed 7 children all under 1 year of age, and QUOTIDIAN AGUE, a disease rarely fatal in London, was stated to be the cause of 1 death.

II. PULMONARY DISEASES.

(Other than *Phthisis*.)

Total deaths, 291. Death-rate per 1,000, 5·4.

The deaths from the following diseases were:—BRONCHITIS, 210; PNEUMONIA, 65; LARYNGITIS, 3; PLEURISY, 4; ASTHMA, 2; and *other Lung diseases* (excluding consumption), 7.

The mortality is high, but less than in the preceding year—BRONCHITIS again heads the list with 210 deaths, 85 being children under 1 year, and 114 those of persons above 40 years of age, showing that the disease chiefly attacks the very young and old.

III.—TUBERCULAR DISEASES.

Total deaths, 146. Death-rate per 1,000, 2·73.

Includes PHTHISIS, SCROFULA, RICKETS, AND TABES.

No deaths were recorded either from Scrofula or Rickets.

TABES (Consumption of the bowels or mesenteric disease) was fatal to 19 children.

PHTHISIS (Consumption).—Carried off 127 persons at various ages, ranging from 1 to nearly 80; the deaths between 1 and 20 years, were 10, between 20 and 60 years, reached 107, above 60 years, declined to 10.

The mortality of consumptive patients in St. Giles, South, the registration Sub-District in which the Workhouse is situated, was double of either of the other Sub-Districts.

IV.—WASTING DISEASES OF INFANTS.

(Under 5 years.) Total deaths, 74. Death-rate per 1,000, 1·38.

Includes ATROPHY AND DEBILITY, WANT OF BREAST MILK AND PREMATURE BIRTH.

No death was registered from want of breast milk,

PREMATURE BIRTH was the assigned cause of 19 deaths.

ATROPHY AND DEBILITY, 55 deaths of young children. I consider these terms which are returned under one heading of disease vague, and ought to be avoided as much as possible in the certification of the cause of death.

V.—CONVULSIVE DISEASES OF INFANTS (Under 5 years).

Total deaths, 77. Death-rate per 1,000, 1·44.

Includes HYDROCEPHALUS, CONVULSIONS, AND TEETHING.

HYDROCEPHALUS (Tubercular meningitis, water on the brain) was fatal to 26 children.

There were 51 deaths from convulsions and teething, diseases which may be bracketted together, for frequently convulsions is only one of the symptoms of the latter.

SANITARY WORK.

It will be seen by referring to Table 6, Appendix, that a large number of sanitary improvements were carried out in the District, under the supervision of Inspectors Walters and Bond; the owners, as a rule, being willing to abate the nuisances complained of, obeyed the orders issued by your Board.

LEGAL PROCEEDINGS UNDER THE SANITARY ACTS.—Some owners of property refused to comply with your order, therefore, 13 summonses were taken out against them, under the Nuisance Removal Acts. Convictions were obtained with costs in every case, and the magistrates ordered the necessary works to be carried out.

UNDERGROUND DWELLINGS.—Notices were served upon owners to close 11 rooms illegally occupied as underground sleeping places.

OVERCROWDING.—14 rooms were found, on measurement, to be overcrowded, notices were therefore served upon the owners, who promptly reduced the number of inmates.

The legal hours prescribed for inspecting premises, &c., being between 9 in the morning and 6 in the evening, the inspectors experience great difficulty in detecting overcrowding, because most of the inmates are away from their homes during these hours, and do not return until late at night.

Our information is chiefly derived from anonymous correspondents.

SLAUGHTER HOUSES.—On the 26th October, the Middlesex Magistrates, at their Petty Sessions, held at the Holborn Town Hall, granted Licences for Slaughter Houses to the following butchers, who had previously carried out the works ordered by your Sanitary Committee, and which works were supervised by your Surveyor :—

Slaughter Houses.	Licencees.
No. 6, Drury Lane	Mr. Elan.
23, Store Street	Mr. Balch.
11, Kenton Street	Mr. Dunford.
11, Marchmont Street	Mr. Edwards.
36, do.	Mr. Venum.
Compton Mews.	Mr. Philp.

Cow-HOUSES.—Licences were also granted at the same time on similar conditions to the undermentioned cow-keepers :—

(1). Mr. Rees Lewis, at No. 1, Coal Yard. Dimensions of cow-house, 23ft. \times 17ft. \times 15ft. = 7140 cubic feet. 10 cows allowed.

(2). Messrs. Bonner & Capper, at No. 56, Great Coram Street. Dimensions of cow-house, 29ft. \times 16ft. \times 8ft. = 3712 cubic feet. 6 cows allowed.

(3). The same proprietors, at No. 19, Tavistock Mews. Dimensions of cow-house, 24ft. \times 22ft. \times 10ft. = 5280 cubic feet. 11 cows allowed.

DAIRIES, MILKSTORES AND MILKSHOPS.—In pursuance of section 34 of the 41 & 42 Vict., ch. 74, the Contagious Diseases (Animals) Act, 1878, an Order in Council was made on the 9th July, 1879, regulating the business of dairies, cow-sheds and milkshops. By section 12, (1), "It is ordered that every Local Authority shall keep a register of persons from time to time carrying on in the district of the Local Authority, the trade of cow-keepers, dairymen, or purveyors of milk, and shall from time to time revise and correct the register."

Accordingly 104 dairies, milkstores and milkshops, in St. Giles District, are registered by the Metropolitan Board of Works (the Local Authority).

BAKEHOUSES.—There being a difference of opinion between the Chief Inspector of Factories and myself, as to whether the Factory and Workshop Act of 1878, by repealing the Bakehouse Regulation Act of 1863, takes their inspection and supervision out of the hands of the Local Sanitary Authorities, some correspondence followed, which resulted in my directing the Sanitary Inspectors to visit these places as heretofore.

COMMON LODGING HOUSES.—In this District there are 63 Common Lodging Houses, registered under the Common Lodging Houses Acts of 1851 and 1853, to accommodate 2328 persons; the supervision of these houses is under the police; Sergeant Mallett, residing at Albany Street Police Station, being appointed for the district.

For the list of houses, &c., *vide* Appendix, Table 9.

RAG AND BONE SHOPS.—The Inspectors have frequently visited these places and reported them to be kept in as fair a condition as the nature of their business admitted.

INSPECTION OF DISEASED MEAT, &c.—The Streets and Markets were duly visited, especially on Saturday nights, for the purpose of

inspecting and examining any article of food exposed for sale and intended for the food of man.

At different times quantities of rabbits, fish and fruit, chiefly belonging to costermongers, were taken to the stone yard and destroyed with the owners' consent.

The decennial period 1870—80, shows an average mortality in the District of nearly 5·0 lower than the preceding decennial period, 1860—70.

This is strong evidence that the sanitary improvements ordered by your Board have produced beneficial results.

I have the honour to be,

Gentlemen,

Your obedient Servant,

S. R. LOVETT,

*Licentiate of the Royal College of Physicians, Edin., &c. ;
Member of Council of Society of Medical Officers of Health ;
Medical Officer of Health for the District.*

June, 1881.

APPENDIX.

NOTE.—The forms for Tables I. to VI. have been settled by the Society of Medical Officers of Health to ensure uniformity of Statistical Returns.

TABLE I.

ESTIMATED POPULATION, 1880, AT THE MIDDLE OF THE YEAR, AND IN TEN PREVIOUS YEARS ; NUMBER OF INHABITED HOUSES ; BIRTHS, DEATHS AND MARRIAGES (GROSS NUMBERS).

Year.	Estimated Population.	Number of Houses.	Registered Births.	Deaths.	Marriages.
1880	53,429	4,566	1,500	1,114	400
1879	1,640	1,119	382
1878	1,616	1,091	415
1877	1,654	1,088	391
1876	1,633	1,102	390
1875	1,709	1,199	397
1874	1,725	1,247	
1873	1,728	1,166	
1872	1,774	1,190	
1871	1,689	1,255	
1870	1,828	1,400	
Average of Ten Years, 1870-1879.	1,699	1,185	

NOTES.—Population at Census, 1871, 53,429.

Area in statute acres, 245.

Average number of persons in each house at Census, 1871, 11.76.

TABLE II.

SHOWING BIRTH AND DEATH RATE, DEATHS OF CHILDREN, AND DEATHS IN PUBLIC INSTITUTIONS, 1880, AND TEN PREVIOUS YEARS.

The Year.	Births per 1,000 of the Population.	Death-rate per 1,000 living.	Deaths of Children under 1 year per cent. to Total Deaths.	Deaths of Children under 1 year per cent. to Births.	Deaths of Children under 5 years per cent. to Total Deaths.	Deaths in Public Institutions outside the District.	Deaths in Public Institutions inside the District.
1880	25·3	23·7	23·3	17·3	43·9	205	179
1879	27·9	22·5	21·9	15·0	38·2	135	223
1878	27·0	21·8	24·54	19·77	40·0	130	208
1877	28·28	23·28	23·32	18·46	39·46	158	175
1876	28·0	22·30	23·32	18·57	39·42	154	248
1875	28·80	23·63	22·88	18·77	39·27	141	
1874	29·23	25·68	21·20	18·63	36·73	175	
1873	32·5	23·90	24·59	19·5	40·0	146	
1872	29·9	23·77	25·02	20·0	40·61	136	
1871	28·6	25·6	22·91	20·8	38·65	132	
1870	31·2	28·19					
Average of 10 years, 1870 to 1879.	29·0	23·9					

TABLE III.

Deaths Registered from all Causes during the Year, 1880.

(THE DEATHS IN PUBLIC INSTITUTIONS OF NON-RESIDENTS BEING EXCLUDED.)

CAUSES OF DEATH.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Total under 5.	Grand Total.	Sub-Districts.		
										St. George Bloomsbury	St. Giles, South.	St. Giles, North.
(CLASSES.)												
I. ZYMOTIC DISEASES ...	46	116	29	15	7	6	..	162	219	58	99	62
II. CONSTITUTIONAL ...	24	23	9	55	59	16	1	47	187	52	82	53
III. LOCAL ...	90	71	15	45	120	135	12	161	488	124	233	131
IV. DEVELOPMENTAL ...	72	15	..	4	1	38	26	87	156	35	87	34
V. VIOLENT DEATHS ...	15	2	..	7	4	3	1	17	32	9	15	8
NOT SPECIFIED ...	13	3	3	3	6	4	..	16	32	11	16	5
Total...	260	230	56	129	197	202	40	490	1,114	289	532	293
I. ZYMOTIC DISEASES.												
Order 1.—MIASMATIC.												
Measles	7	28	1	..	..	..	..	35	36	9	20	7
Small-Pox ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	2	27	13	1	..	..	..	29	43	8	13	22
Diphtheria ... ..	..	8	3	1	..	..	..	8	12	7	3	2
Quinsy ... ..	..	..	1	..	..	..	..	..	1	..	1	..
Croup ... ..	..	7	4	..	..	..	..	7	11	2	5	4
Whooping-Cough	11	32	1	..	..	..	..	43	44	14	19	11
Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric or Typhoid ... ..	..	..	2	2	1	..	..	..	5	2	2	1
Simple continued Fever...	..	1	..	..	..	1	..	1	2	..	2	..
Erysipelas ... ..	..	..	..	1	2	1	..	..	4	1	1	2
Puerperal Fever (Metria) ... ..	..	..	..	5	..	..	..	..	5	1	4	..
Diarrhoea	19	13	2	..	3	2	..	32	39	9	22	8
Ague... ..	..	..	..	..	..	1	..	..	1	..	..	1
Rheumatism ... ..	..	..	2	4	1	1	..	..	8	2	3	3
Order 2.—ENTHETIC.												
Syphilis	7	..	..	..	..	..	..	7	7	3	3	1
Order 3.—DIETIC.												
Alcoholism (Delirium Tremens)	..	..	..	1	..	..	..	..	1	..	1	..
Total...	46	116	29	15	7	6	..	162	219	58	99	62
II. CONSTITUTIONAL DISEASES.												
Order 1.—DIATHETIC.												
Gout ... ..	..	..	..	..	1	..	..	..	1	..	1	..
Dropsy ... ..	..	..	..	1	2	..	..	..	3	1	1	1
Cancer ... ..	..	..	..	..	3	6	1	..	10	4	3	3
Order 2.—TUBERCULAR.												
Tabes Mesenterica	8	10	1	..	..	..	..	18	19	5	5	9
Phthisis	1	2	7	54	53	10	..	3	127	32	63	32
Hydrocephalus	15	11	1	..	..	..	..	26	27	10	9	8
Total...	24	23	9	55	59	16	1	47	187	52	82	53

TABLE III.—continued.

CAUSES OF DEATH.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Total under 5.	Grand Total.	Sub-Districts.		
										St. George, Bloomsbury,	St. Giles, South.	St. Giles, North.
III. LOCAL DISEASES.												
Order 1.—NERVOUS SYSTEM.												
Apoplexy ... ..	..	..	..	1	9	10	2	..	22	7	6	9
Cephalitis ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Paralysis ... ..	..	..	..	..	4	10	1	..	15	3	10	2
Insanity ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy ... ..	..	..	..	2	..	1	..	..	3	1	1	1
Convulsions	25	13	1	..	..	..	..	38	39	8	17	14
Brain Diseases	5	3	2	4	1	5	..	8	20	5	10	5
Order 2.—ORGANS OF CIRCULATION.												
Aneurism ... ..	..	..	..	2	3	..	..	..	5	2	3	..
Pericarditis ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Heart Disease ... ..	..	..	2	11	14	17	..	..	44	17	14	13
Order 3.—RESPIRATORY ORGANS.												
Laryngitis	1	1	..	..	1	..	..	2	3	..	1	2
Bronchitis	48	37	2	9	41	66	7	85	210	52	95	63
Pleurisy ... ..	..	..	..	..	3	1	..	..	4	..	2	2
Pneumonia	8	14	3	6	20	13	1	22	65	8	45	12
Asthma ... ..	..	..	..	1	..	..	1	..	2	1	1	..
Lung Disease	2	2	..	1	2	..	..	4	7	1	4	2
Order 4.—DIGESTIVE ORGANS.												
Gastritis	1	..	..	1	..	..	..	1	2	1	1	..
Enteritis ... ..	..	..	..	..	2	..	..	..	2	1	1	..
Peritonitis ... ..	..	..	4	1	2	1	..	..	8	2	5	1
Intussusception ... ..	..	..	..	..	..	1	..	..	1	1	..	..
Stricture of Intestines ... ..	..	..	..	..	1	..	..	..	1	..	..	1
Liver Disease ... ..	..	..	..	4	13	5	..	..	22	11	10	1
Order 5.—URINARY ORGANS.												
Bright's Disease ... ..	..	..	1	1	3	4	..	..	9	2	6	1
Diabetes ... ..	..	..	..	1	..	..	..	..	1	..	1	..
Cystitis ... ..	..	..	..	..	1	..	..	..	1	..	..	1
Kidney Disease ... ..	..	1	..	..	..	1	..	1	2	1	..	1
Order 6.—ORGANS OF GENERATION.												
Uterus Disease ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Total...	90	71	15	45	120	135	12	161	488	124	233	131
IV. DEVELOPMENTAL DISEASES.												
Order 1.—DISEASES OF CHILDREN.												
Premature Birth	19	..	..	..	..	..	..	19	19	3	11	5
Spina Bifida ... ..	..	..	..	..	..	..	..	..	..	..	..	..
Teething	7	6	..	..	..	..	..	13	13	3	7	3
Order 2.—DISEASES OF ADULTS.												
Childbirth ... ..	..	..	..	4	1	..	..	..	5	..	4	1
Order 3.—DISEASES OF OLD PEOPLE.												
Old Age ... ..	..	..	..	..	..	36	26	..	62	19	35	8
Order 4.—DISEASES OF NUTRITION.												
Atrophy and Debility	46	9	..	..	..	2	..	55	57	10	30	17
Total...	72	15	..	4	1	38	26	87	156	35	87	34
V. VIOLENT DEATHS.												
Order 1.—ACCIDENT OR NEGLIGENCE.												
Fractures and Contusions ... ..	..	..	..	2	1	1	..	..	4	1	1	2
Burns and Scalds ... ..	..	1	..	..	..	..	1	1	2	2	..	..
Poison ... ..	..	..	..	..	..	1	..	..	1	1	..	..
Suffocation	11	1	..	..	2	..	..	12	14	2	11	1
Order 3.—HOMICIDE.												
Murder and Manslaughter	4	..	..	2	..	..	..	4	6	1	3	2
Order 4.—SUICIDE.												
Wounds, Cut, Stab ... ..	..	..	..	2	..	..	..	..	2	2	..	..
Poison ... ..	..	..	..	1	1	..	..	..	2	..	..	2
Hanging ... ..	..	..	..	..	..	1	..	..	1	..	..	1
Total...	15	2	..	7	4	3	1	17	32	9	15	8
Causes not specified or ill-defined	13	3	3	3	6	4	..	16	32	11	16	5
Grand Total...	260	230	56	129	197	202	40	490	1,114	289	532	293

TABLE IV.

SHOWING MORTALITY FROM CERTAIN CLASSES OF DISEASES AND PROPORTIONS
TO POPULATION AND TO 1,000 DEATHS, 1880, viz.:—

Diseases.	Total Deaths.	Deaths per 1,000 of Population.	Proportion of Deaths to 1,000 Deaths.
1. Seven Principal Zymotic Diseases.....	190	3.55	149.8
2. Pulmonary (other than <i>Phthisis</i>).	291	5.4	229.4
3. Tubercular	146	2.73	131.0
4. Wasting Diseases of In- fants (<i>under 5</i>)	74	1.38	66.4
5. Convulsive Diseases of Infants (<i>under 5</i>)	77	1.44	69.0

NOTES.

1. Includes Small Pox, Measles, Scarlet Fever, Diphtheria, Whooping-Cough, Fever, and Diarrhœa.
3. Includes *Phthisis*, *Scrofula*, *Rickets*, and *Tabes*.
4. Includes 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, 1870 TO 1879, FROM THE SEVEN PRINCIPAL ZYMOTIC DISEASES, AND THE NUMBER IN 1880, ETC.

DISEASE.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	Annual average of 10 years, 1870 to 1879.	Proportion of Deaths to 1,000 Deaths in 10 years, 1870 to 1879.	1880.	Proportion of Deaths to 1,000 Deaths in 1880.
Small-Pox . . .	15	88	8	...	...	...	4	12	13	...	14.0	10.9	3*	2.3
Measles	29	15	37	27	31	15	24	51	21	19	26.9	21.0	37†	29.1
Scarlet Fever . . .	103	20	5	8	48	48	31	16	10	38	32.7	25.5	45‡	35.4
Diphtheria . . .	4	7	5	2	...	...	2	3	6	4	3.3	2.5	14§	11.0
Whooping-Cough .	16	38	42	29	27	49	31	12	65	34	34.3	26.8	45¶	35.4
Fever	31	26	9	29	54	10	14	17	19	12	22.1	17.2	7	5.5
Diarrhœa	83	62	71	80	59	53	55	49	50	22	58.4	45.6	39	25.2
Totals, St. Giles District.	281	256	177	175	219	175	161	160	184	129	191.7	149.9	190	149.8
Totals, London . .	16,476	19,455	12,699	11,376	11,230	13,410	12,696	12,412	14,734	12,256				
Totals, England and Wales, 10 years, 1869-78.	100,497	103,801	91,743	89,286	88,200	82,332	75,506	66,558	84,624					

* Deaths of Parishioners removed to Stockwell and Fulham Hospitals.

† Including death of a Parishioner removed to King's College Hospital.

‡ Including deaths of Parishioners removed to Stockwell and Charing Cross Hospitals.

§ Including deaths of Parishioners at Children's Hospital, Great Ormond Street.

¶ Including death of Parishioner at Charing Cross Hospital.

TABLE VI.

Report of the Sanitary Works, &c., in 1880, carried out under the Superintendence of the Sanitary Inspectors.

SUB-DISTRICT.		St. George, Bloomsbury.	St. Giles, North.	St. Giles, South.	Total.
Number of complaints received during the year ...		71	112	45	228
Number of houses and premises visited and inspected		2,596	886	6,629	10,111
Result of Inspections.	Orders issued for sanitary amendments of houses and premises	431	67	748	1,246
	Houses and premises, &c., cleansed, re- paired, and whitewashed	190	81	547	818
	Houses disinfected after infectious diseases	19	3	56	78
House Drains.	Repaired, cleansed, &c.	81	19	126	226
	Trapped or ventilated	55	9	107	171
	New constructed	3	4	—	7
W.C.'s	Repaired, cleansed, &c.	123	27	147	297
	Supplied with water	36	31	153	220
	New constructed	—	1	2	3
Dust Bins.	New provided	1	17	—	18
	Repaired and covered	71	27	162	260
Water Supply.	Cisterns (new) erected	5	5	13	23
	Cisterns cleansed, repaired and covered..	125	31	249	4 5
MISCELLANEOUS	Number of lodging houses registered under Sanitary Act, 1866.....		—	—	—
	Number of dust complaints received and attended to.....		862	294	1,439
	Removal of accumulation of dung, animal and other refuse		32	—	124
	Removal of animals improperly kept ..		1	—	1
	Regularly inspected.	Bakehouses	6	4	28
		Licensed cow houses	2	—	1
		Licensed slaughter houses	4	1	1
	Other proceedings, <i>e.g.</i> , legal proceedings		11	1	1

TABLE VII.

Disinfecting Chamber.

SHOWING THE LIST OF ARTICLES DISINFECTED IN THE HOT-AIR CHAMBER
DURING THE YEAR 1880.

Articles.	No.
Apron	6
Bag	4
Beds	61
Bed Tick	1
Blankets	108
Body Linen	123
Bolsters	54
Bolster Covers	7
Bonnet	1
Carpets	29
Coats	33
Curtains	7
Cushions	14
Dresses	23
Handkerschiefs	25
Hat	1
Mat	1
Mattresses	41
Neckties	7
Pillow Cases	37
Pillows	110
Quilts	49
Rugs	16
Shawls	18
Sheets	87
Table Cloths	8
Towels	5
Trousers	3
Vests	9
Sundries	47
Total	935

TABLE VIII.

PROVISIONS CONDEMNED AND DESTROYED DURING THE YEAR AS UNFIT
FOR HUMAN FOOD.

Fish (various)	16 baskets
Fruit (various)	4 "
Rabbits (Ostend)	14 boxes
Total	34

TABLE IX.

Showing the list of Registered Common Lodging Houses in St. Giles District, with the number of inmates allowed in each. The whole of these houses are under the supervision of Inspecting-Sergeant James Mallett, Police Station, Albany Street, N.W.

No. of House.	Street or Place.	No. of Lodgers allowed.	No. of House.	Street or Place.	No. of Lodgers allowed.
11	Newton Street	30	11	Short's Gardens	36
13	ditto	43	12	ditto	62
15	ditto		13	ditto	13
1	Macklin Street	16	14	ditto	34
3	ditto	33	15	ditto	26
5	ditto	25	20	ditto	34
7	ditto	9	21	ditto	46
8	ditto	72	22	ditto	36
16	ditto	49	17	Coal Yard	6
19	ditto	54	2	Maras Buildings	12
20	ditto	70	3	ditto	16
32	ditto	36	10	Queen Street	28
34	ditto	41	19	ditto	30
36	ditto	22	20 & 21	ditto	134
8	Betterton Street	22	22 & 23	ditto	69
148	Drury Lane	45	24 & 25	ditto	62
1	Kennedy Court	13	3	Neal's Yard	44
2	ditto	10	12	Kemble Street	100
3	ditto	18	14	ditto	71
4	ditto	32	2	Dyott Street	34
5	ditto	16	7	ditto	32
6	ditto	15	8	ditto	25
7	ditto	14	8A	ditto	30
4	Parker Street	5	9	ditto	30
6	ditto	29	11	ditto	64
8	ditto	34	23	ditto	188
10	ditto	22	2	Regent Place	35
15	ditto	21	75	Crown Street	11
21	ditto	14	13	Denmark Place	22
23	ditto	31	1	Chapel Place	35
45	ditto	57	2	ditto	12
16	Shelton Street	53			

Total number of houses, 63; number of inmates allowed, 2,328.

TABLE X.

REGISTERED BIRTHS IN 52 WEEKS OF 1880. 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, 1880. 52 weeks.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total Children.
St. George, Bloomsbury	54	43	53	57	52	46	43	46	202	192	394
St. Giles, South	101	88	81	83	84	90	88	81	354	342	696
St. Giles, North.....	60	60	50	43	49	41	52	55	211	199	410
Whole District	215	191	184	183	185	177	183	182	767	733	1,500

REGISTERED DEATHS IN 52 WEEKS OF 1880. SUB-DISTRICTS OF
ST. GILES.

SUB-DISTRICTS. (Population, 1871.)	First Quarter. 13 weeks.		Second Quarter. 13 weeks.		Third Quarter. 13 weeks.		Fourth Quarter. 13 weeks.		Whole Year, 1880. 52 weeks.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes.
St. George, Bloomsbury } (17,843)	42	53	42	31	34	19	38	30	156	133	289
St. Giles, South } (19,089)	78	75	71	58	69	59	67	55	285	247	532
St. Giles, North } (16,497)	43	42	27	29	36	29	44	43	150	143	293
Whole District } (53,429)	163	170	140	118	139	107	149	128	591	523	1,114

THE MARRIAGE-RATE PER 1,000 IN ST. GILES DISTRICT FROM 1875 TO 1880.

Sub-Districts.	1875	1876	1877	1878	1879	1880
St. George, Bloomsbury } St. Giles, South . . . } St. Giles, North . . . }	14·86	14·59	14·63	15·5	14·2	14·9

THE BIRTH-RATE PER 1,000 IN ST. GILES DISTRICT AND SUB-DISTRICTS FROM 1858 TO 1880.

Sub-Districts.	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880
St. George, Bloomsbury .	...	...	...	...	...	...	...	...	...	...	...	27·9	29·4	26·4	25·7	27·0	26·56	25·55	25·27	25·21	23·8	24·3	22·0
St. Giles, South .	...	...	...	...	...	...	...	...	...	...	...	34·5	29·8	29·8	31·1	32·7	29·49	31·11	27·97	32·16	30·9	32·4	28·0
St. Giles, North .	...	...	...	...	...	...	...	...	...	...	...	30·8	34·4	29·5	33·1	30·4	31·82	29·58	31·0	27·09	26·0	26·7	24·8
Entire District	30·9	31·8	32·7	32·5	32·1	35·1	32·0	34·9	32·8	35·2	25·3	31·0	31·2	28·6	29·9	32·5	29·23	28·80	28·0	28·28	27·0	27·9	25·3

THE DEATH-RATE PER 1,000 IN ST. GILES DISTRICT AND SUB-DISTRICTS FROM 1858 TO 1880.

Sub-Districts.	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880
St. George, Bloomsbury .	19·8	18·4	18·5	20·5	21·6	19·9	21·6	21·1	20·0	19·0	21·0	21·16	22·1	21·2	19·67	18·0	17·94	18·83	18·99	15·58	16·47	17·9	19·8
St. Giles, South .	29·2	34·9	34·6	29·1	31·7	32·7	34·8	34·6	32·8	31·6	31·1	33·20	34·1	28·3	24·41	30·2	33·16	26·71	25·35	29·49	26·4	27·3	26·8
St. Giles, North .	27·7	24·7	24·7	27·9	28·2	27·3	29·2	26·6	29·8	26·6	25·3	29·47	27·5	23·4	21·15	20·3	21·82	25·27	23·86	21·51	22·24	22·1	24·8
Whole District	25·8	26·0	26·2	27·0	28·9	28·5	31·1	29·6	29·0	26·9	26·8	27·94	28·19	25·6	23·77	23·90	25·68	23·63	22·30	22·38	21·8	22·5	23·7

ANNUAL REPORT OF THE ANALYST

APPOINTED UNDER THE SALE OF FOOD AND DRUGS ACT.

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

GENTLEMEN,—

During the year ending the 31st of last March, I received from your Inspector, Mr. John Hoyle, 296 samples of articles of food and drugs for analysis, consisting of milk, flour, bread, butter, cheese, tea, coffee, chicory, ale, porter, brandy, rum, whisky, gin, port wine, sherry, sweets, green peas, French beans, pickles, pepper, cayenne, mustard, lard, tobacco, cod liver oil, quinine, and seidlitz powders. Of these various samples, 22 were found to be adulterated, namely, 12 samples of milk, 6 of butter, 1 of mustard, 1 of whisky, and 2 of coffee. The samples have been very regularly collected throughout the year, usually about 6 every week, and the total number has been rather greater than usual, but the proportion of adulterated articles has been less than usual, being only 7·4 per cent., while last year it was 11·7 per cent.

I have the honour to be,

Gentlemen,

Your obedient Servant,

T. REDWOOD.

17, BLOOMSBURY SQUARE,
13th June, 1881.