

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

### **Contributors**

Paddington (London, England). Parish. Vestry.  
Hardwicke, William.

### **Publication/Creation**

1875.

### **Persistent URL**

<https://wellcomecollection.org/works/vjtk3hw2>

### **Provider**

London Metropolitan Archives

### **License and attribution**

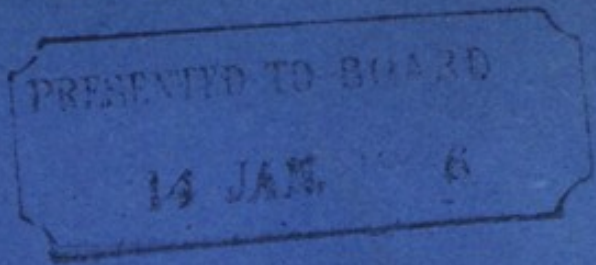
This material has been provided by City of London, London Metropolitan Archives where the originals may be consulted.  
You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>



Paddington.

---

METROPOLIS LOCAL MANAGEMENT ACT.

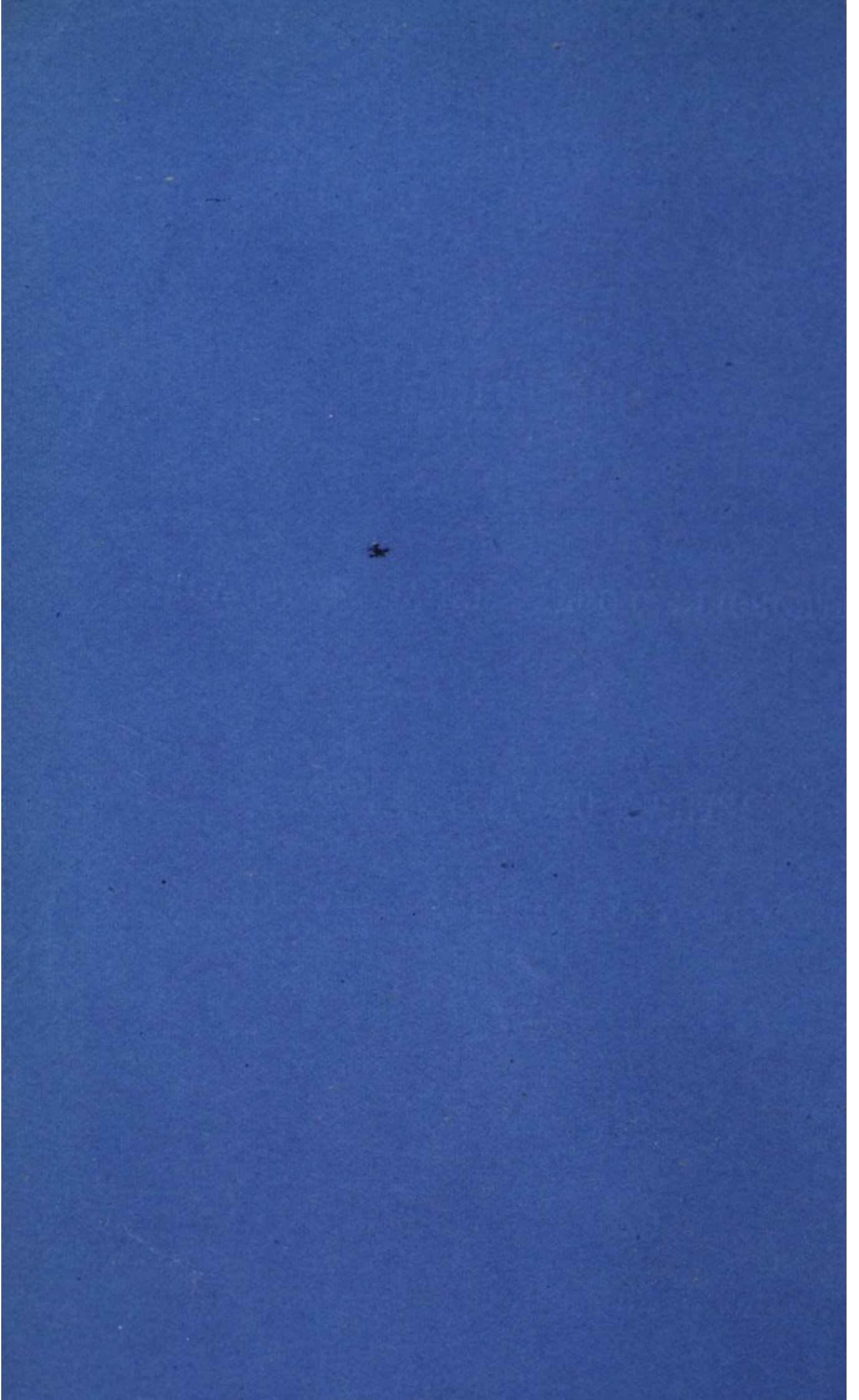
---

REPORT OF THE VESTRY,

FOR THE YEAR ENDING 25<sup>TH</sup> MARCH,

1875.





Paddington.

---

METROPOLIS LOCAL MANAGEMENT ACT.

---

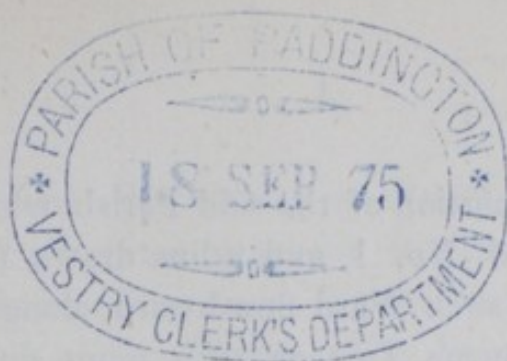
REPORT OF THE VESTRY

FOR THE YEAR ENDING 25<sup>TH</sup> MARCH,

1875.







The Parish of Paddington, in the County of Middlesex, extends Northward from the Marble Arch to Kilburn Gate; and Westward from the Marble Arch to Kensington Palace Gardens; it is bounded on the North by Willesden; on the South by St. George's, Hanover Square, and St. Margaret, Westminster; on the East by Marylebone; and on the West by Kensington and St. Luke, Chelsea; its length from North to South being nearly Two Miles, and its superficial extent about 1,280 acres. The Parish is within the jurisdiction of the Metropolitan Board of Works, to which Board it returns One Member; and its management is vested in Seventy-Two Elected Vestrymen, who meet at the Vestry Hall, Harrow Road, on the first and third Tuesdays in each month (August excepted) for the transaction of their ordinary business. For parochial purposes the Parish is divided into Four Wards, the boundaries of which are as follow; viz. :—

WARD  
ONE.

ALL that portion of the Parish which lies within a line drawn along the centre of Harrow Road from the point at which the same intersects the boundary of the said Parish, and thence along the centre of such Road to a point directly opposite the centre of the Road on Westbourne Terrace Bridge, and thence along the centre of such Road and of Westbourne Terrace, to the centre of Bishop's Road, and thence Westward along the centre of Bishop's Road and Westbourne Grove to the West boundary of the said Parish at the point where the same intersects the centre of Westbourne Grove, and thence Northward continuously along the said boundary to the point mentioned at the commencement of the foregoing description.



- WARD TWO. { ALL that portion of the said Parish which lies North of Ward No. 1, and a line drawn from the boundary of such Ward Southward along the centre of Westbourne Terrace to a point directly opposite the West end of the centre of Craven Road, and thence along the centre of Craven Road and Praed Street, and thence in a direct line to the boundary of the said Parish.
- WARD THREE. { ALL that portion of the said Parish which lies South of Ward No. 1, and a line drawn from the boundary of such Ward Southward along the centre of Westbourne Terrace, Sussex Gardens, and Westbourne Street, and thence in a direct line to the boundary of the said Parish.
- WARD FOUR. { ALL that portion of the said Parish which is not comprised within the foregoing descriptions of the other Wards.

Under the Reform Bill of 1832, Paddington was united with the adjoining Parishes of St. Marylebone and St. Pancras, such incorporation being called the Boro' of Marylebone, and returning Two Members to Parliament.

In the year 1870, upon the passing of the Elementary Education Act, the Parish, together with St. Marylebone, St. Pancras, and St. John, Hampstead, were united into a District called the District of Marylebone, for the purposes of the School Board for London, such District returning Seven Members to the Board.

There are at present in the Parish 14 Ecclesiastical Districts, viz. :—

St. James',	St. Luke's,
„ John's,	„ Saviour's,
„ Mary's,	„ Michael and All Angels,
Holy Trinity,	Christ Church,
St. Paul's,	St. Mary Magdalene,
All Saints',	„ Peter's,
St. Matthew's,	„ Stephen's.



The Parochial Workhouse is situated in the Harrow Road, near the Lock Hospital premises, its management being in the hands of Eighteen Guardians, elected annually, together with the resident Justices of the Peace. The Schools for the Workhouse children are at Ashford, near Staines; Paddington having been united by the Poor Law Board with St. George, Hanover Square, and Fulham, to form a District called the West London School District.

The Cemetery for the Parish is at Willesden, and is managed by a Board consisting of Nine Members appointed by the Vestry, such Board meeting at the Vestry Hall on the first Friday in each month.

For Registration purposes, Paddington has been divided by the Registrar General into the St. Mary's District and the St. John's District. The divisional line of the two districts traverses the centre of the road in Praed Street from Edgware Road to the Canal Basin, continues thence along the centre of the Canal Basin as far as the Bishop's Road, and passes Westward from thence along the centre of the Bishop's Road and Westbourne Grove to the Western boundary of the Parish; the St. Mary's District lying on the North, and the St. John's District on the South of such divisional line.

For the purpose of providing the Parish with Public Baths and Wash-houses, Commissioners have been appointed by the Vestry, and Baths in the Queen's Road were opened in May, 1874, on the site of premises formerly numbered 143 and 145.

The Gas consumed in Paddington is supplied by the Imperial Gas Light Company, and the Water by two Companies, viz.:— the Grand Junction Water Works Company and the West Middlesex Waterworks Company.

The population, as shewn by the Census taken in 1871, is as under, viz.:—

Ward No. 1	.....	21,793
„ „ 2	.....	41,029
„ „ 3	.....	18,469
„ „ 4	.....	15,522

Making a total of 96,813

The number of inhabited houses being 11,874.

The Rates levied since the passing of the Metropolis Local Management Act to the end of the year 1874, are as under, viz. :—

	<i>s.</i>	<i>d.</i>		£	
For the year 1856..	2	1	based upon a rateable value of	522,570	
1857..	2	6	"	538,879	
1858..	2	4	"	582,995	
1859..	2	7	"	605,382	
1860..	3	0	"	625,479	
1861..	2	8	"	643,063	
1862..	2	8	"	617,840	
1863..	2	8½	"	646,256	
1864..	3	0	"	663,172	
1865..	3	0	"	685,434	
1866..	3	2	"	704,714	
1867..	3	6	"	729,838	
1868..	3	5½	"	740,686	
1869..	3	9	"	759,158	
1870..	4	0	"	773,524	
Under the Provi- sions of the Val- uation (Metro- polis) Act, 1869.	1871..	3	4	"	954,868
	1872..	3	1½	"	968,340
	1873..	3	7	"	987,741
	1874..	3	7½	"	999,245

There are certain Charities under the control of the Vestry, managed by Trustees appointed by the Vestry and the Charity Commissioners, and having an annual income of more than Fifteen Hundred Pounds, which is annually distributed to the Poor in Coals and Blankets, in Grants to the Parochial National Schools, in apprenticing sons and daughters of poor parishioners, and in Annuities to aged persons resident in the Parish, &c.



# R E P O R T.

---

The following is a List of the Names and Addresses of the Vestrymen and Auditors of the several Wards, namely:—

The Rev. JAMES MOORHOUSE, 57, Sussex Gardens,  
*Vicar of Paddington.*

Mr. WILLIAM URQUHART ..... 327, Edgware Road.  
Mr. JAMES FLOOD..... 24, Burlington Road.

*Churchwardens.*

Mr. GEORGE GWYN ..... 28, London Street.  
Mr. JAMES PORTER ANDERSON .... 10, Richmond Road.

*Overseers.*

CHARLES MILLS ROCHE, Esq..... 98, Gloucester Terrace.  
*Representative of the Vestry at the Metropolitan Board of Works.*

## W A R D No. 1.

*FOR ONE YEAR.*

ANDERSON, Mr. JAMES PORTER .... 10, Richmond Road.  
BAUKE, ALGERNON, Esq..... 95, Talbot Road.  
DUNN, Dr. JOSEPH THOMAS HOLT . 69, Hereford Road.  
ELLERTON, JOHN, Esq. .... 3, Aldridge Road Villas.  
LYNE, RICHARD, Esq. .... 44, Leamington Road Villas.

*FOR TWO YEARS.*

BREWER, THOMAS GIBSON, Esq. .. 51, Westbourne Park Rd.  
RABBETH, Mr. GEORGE ..... 13, Cornwall Road.  
SAWYER, Mr. SAMUEL..... 13, Frankfort Terrace.  
SHARP, JAMES WILSON, Esq. .... 7, St. Luke's Road.  
VICKERMAN, Mr. WILLIAM JOHN .. 82, Westbourne Grove.

*FOR THREE YEARS.*

ADDISON, Lieut.-Col. HENRY ..... 5, Shrewsbury Road.  
CHEW, THOMAS, Esq. .... 15, Durham Terrace.  
EVANS, ROBERT, Esq. .... 48, Westbourne Park.  
FLOOD, Mr. JAMES ..... : 24, Burlington Road.  
MOORE, ENOCH, Esq. .... 13, Aldridge Road Villas.

*Auditor*—BROWN, Mr. HENRY MARK, 84, Westbourne Grove.



## WARD No. 2.

## FOR ONE YEAR.

BICKER-CAARTEN, JOHN MARINUS, Esq.	13, Formosa Street.
CARTER, Mr. THOMAS	32, Chippenham Terrace.
GREATOREX, REUBEN COURTNELL, Esq.	6, Upper Westbourne Ter.
MACMULLEN, RICHD. H. BRISTOW, Esq.	9, Frankfort Terrace.
MILLER, HORATIO, Esq.	30, Westbourne Terrace.
NAYLOR, WILLIAM, Esq.	3, Manor Place.
RICHARDSON, Mr. SAMUEL	46, Chippenham Road.
URQUHART, Mr. WILLIAM	327, Edgware Road.

## FOR TWO YEARS.

BICKER-CAARTEN, ALFRED GERARD, Esq.	2, Warrington Gardens.
BUCKLEY, Rev. JOHN WALL	1, St. Mary's Terrace.
ELLIS, WILLIAM, Esq.	40, Clifton Gardens.
ROBERTS, EDWARD, Esq.	36, Blomfield Road.
SHAW, BENJAMIN, Esq.	8, Cambridge Square.
TILDESLEY, EDWIN, Esq.	8, Randolph Road.
WYATT, HUGH PENFOLD, Esq.	18, Oxford Square.
YOUNG, EDWARD PARKER, Esq.	10, Delamere Crescent.

## FOR THREE YEARS.

BURNS, Rev. JABEZ, D.D., LL.D.	17, Porteus Road.
COLLINS, HENRY HYMAN, Esq.	5, Randolph Road.
HANN, Mr. ROBERT BARNICOT	1, Paddington Green.
MARSHALL, Mr. FRANCIS	31, Elgin Road West.
PHILPOT, Mr. HENRY	32, Praed Street.
SPENCER, Mr. HENRY ARGYLE	19, Shirland Road.
SPENCER, Rev. ROBT. FRANKLYN, LL.D.	22, Clarendon Road.
WEBB, Mr. MATTHEW	325, Edgware Road.

*Auditor*—MICKELBURGH, Mr. GEORGE THOMAS,  
271, Edgware Road.

## WARD No. 3.

## FOR ONE YEAR.

BAYLIS, THOMAS HENRY, Esq.	5, The Terrace, Kensington Gardens Square.
COLLYER, Col. GEO. CHANCELLOR	57, Kensington Gardens Sq.
ETHERINGTON, Mr. STEPHEN	18, Lancaster Street.
FISHER, Mr. THOMAS	24, Craven Terrace.
HAWES, Mr. ROBERT	1A, Moscow Road.
HUNTER, JOHN HUMPHREY, Esq.	40, Gloucester Crescent.

## FOR TWO YEARS.

DAVENPORT, EDWARD G. Esq., M.P.	28,	Lancaster Gate.
DAVIDSON, DUNCAN, Esq. ....	4,	Lancaster Gate.
KEMSHEAD, HENRY MORRIS, Esq., J.P.		Westbourne.
PHILLIPSON, Mr. MICHAEL ....	37,	Craven Terrace.
SMITH, GEORGE JAMES PHILIP, Esq.	55,	Gloucester Place.
YORK, Dr. JAMES .....	26,	Leinster Gardens.

## FOR THREE YEARS.

BRUNEL, ISAMBARD, Esq., D.C.L....	15,	Devonshire Terrace.
CLARKE, HENRY DANIEL, Esq. ....		Desboro' House, Harrow Road.
LANGRIDGE, Mr. WILLIAM .....	13,	Craven Road.
LONGMAN, Mr. THOMAS .....	1,	Bathurst Mews.
ROCHE, CHARLES MILLS, Esq. ....	98,	Gloucester Terrace.
RUSSELL, Mr. EDWARD .....	97,	Queen's Road.

*Auditor*—REID, Mr. JOHN, 46, Craven Road.

## WARD No. 4.

## FOR ONE YEAR.

BAKER, Sir GEORGE, Bart. ....	4,	Hyde Park Square.
LOCOCK, CHARLES BRODIE, Esq. ..	9,	Cambridge Square.
PEAKE, FREDERICK, Esq. ....	3,	Norfolk Crescent.
TURNER, Mr. HENRY .....	139,	Praed Street.
WILSON, JOHN, Esq. ....	38,	Norfolk Square.

## FOR TWO YEARS.

ARBUTHNOT, ARCHIBALD FRANCIS, Esq.	25,	Hyde Park Gardens.
FERRIER, ALEXANDER JOHN, Esq. .	6,	Somers Place.
GWYN, Mr. GEORGE .....	28,	London Street.
HUME, Col. HENRY, C.B. ....	29,	Norfolk Square.
STRATTON, Mr. STEPHEN .....	34,	Albion Street.

## FOR THREE YEARS.

GASELEE, Mr. Serjeant STEPHEN ....	2,	Cambridge Square.
GRIFFITH, CHARLES MARSHALL, Esq.	31,	Hyde Park Square.
HALL, Mr. RICHARD .....	9,	Stranraer Place.
PARRY, Mr. THOMAS .....	79,	Oxford Terrace.
PRESCOTT, FREDERICK JOSEPH, Esq.,	13,	Oxford Square.

*Auditor*—HEWITT, Mr. GEORGE, 8, Albion Place.



The Officers of the Vestry are as follow, namely :—

Vestry Clerk .....	FRANK DETHRIDGE.
First Assistant .....	WILLIAM DAVISON.
Second do. ....	JOHN MITCHELL HUISH.
Third do. ....	ARTHUR WM. JAMES RUSSELL.
Fourth do. ....	GERARD BICKER-CAARTEN.
Surveyor .....	GEORGE FREDERICK STEVENS.
First Assistant .....	RIMELL GADSDEN.
Second do. ....	THOMAS WHITE.
Clerk of Works.....	JOHN CONWAY.
Accountant .....	JOHN ALFRED LIDDARD.
Clerk (Surveyor's Department)	ARTHUR JAMES GARNER.
Superintendent of Stone Yard	JAMES STEVENS.
Medical Officer of Health ....	WILLIAM HARDWICKE, M.D.
Inspector of Nuisances.....	THOMAS REEVES CLIFFORD.
Ditto .....	CHARLES JOHN BIORN.
Public Analyst .....	WILLIAM HARDWICKE, M.D.
Inspector under the provisions of the Adulteration of Food Act	THOMAS REEVES CLIFFORD.
Inspector of Public Lighting ..	GEORGE WESTON.
Assistant Overseer .....	GEORGE HARTTREE.
{ Ward 1 .....	REUBEN FARROW.
Collectors. { " 2 { (A Division)	JAMES WILLIAM CUFF.
{ (B Division)	ROBERT CHEADLE.
" 3 .....	JOHN GORDON.
" 4 .....	JOHN BARRABLE.
Vestry Hall Keeper .....	WILLIAM MATTHEWS.
Beadles .....	{ WILLIAM PORTER.
	{ GEORGE DARLEY OSTERFIELD.



The following Contracts have been entered into, namely :—

DATE WHEN ENTERED INTO.	NAME OF CONTRACTOR.	NATURE OF CONTRACT.	PRICE.
4th August, 1874 ..	Mr. Humfress.....	for the examination, testing, and repair and refixing of 1,700 (or thereabouts) Cocks, Governors and Burners annually, at ....	1s. 5d. each.
Ditto	Ditto .....	for keeping in repair 1,700 (or thereabouts) Lamp Columns, Brackets, Head Irons, Chairs and Lanterns annually, at....	2s. each.
Ditto	Ditto .....	for painting 1,700 (or thereabouts) Lamp Columns, Brackets, Head Irons, Chairs and Lanterns annually, at .....	1s. each.
Ditto	Ditto .....	for Painting 140 (or thereabouts) Cast Iron Meter Boxes, at ....	1s. 6d. each.
1st December, 1874	Mr. Studds .....	for Unsifted Gravel and Hoggin.....	3s per Ton.
Ditto	Ditto .....	for Sifted Gravel .....	3s. 1d. per Ton.
Ditto	Mr. Hobbs .....	for removing Dust, Ashes, and Refuse— <i>A</i> District of the Parish	The Contractor to receive £550.
Ditto	Mr. Mead.....	for Ditto ditto <i>B</i> District of the Parish	Ditto £880.
15th December, 1874	Mr. Brock .....	for Watering the Roads— <i>A</i> District of the Parish .....	The Contractor to receive 9s. per day for each Man, Horse, and Cart, and 9s. per day for Man and Horse with Harness, for Working Water Vans.
Ditto	Mr. Mead.....	for Ditto <i>B</i> District of the Parish .....	The Contractor to receive 10s. 6d. per day for each Man, Horse, and Cart, and 10s. 6d. per day for Man and Horse with Harness, for Working Water Vans.
Ditto	Mr. Brock .....	for Carting Road Scrapings and Street Sweepings— <i>A</i> District of the Parish	The Contractor to receive £2,900.
Ditto	Mr. Mead.....	for Ditto <i>B</i> District of the Parish	Ditto £1,480.
Ditto	Mr. Boyer .....	for Carting Materials .....	9d. per Ton.
Ditto	Ditto .....	for Day Work .....	9s. per Day.
Ditto	Ditto .....	for Working Street Roller .....	36s. per day for 2 Men and 4 Horses.
Ditto	Ditto .....	for Working Road Scraper .....	9s. per day for 1 Man and 1 Horse.
Ditto	Messrs. Mowlem & Co.	for Paving Works .....	As per Schedule of Prices.
2nd March, 1875 ..	Mr. Neave .....	for Sewers Jobbing Works .....	At 52½ per cent. above the detailed Scheduled Prices.
16th March, 1875 ..	Messrs. A. & F. Manuelle	for Guernsey Granite.....	17s. 6d. per Cubic Yard.
Ditto	Ditto	for Croft Hill Granite .....	13s. 10d. ditto.

The following Rates have been levied, namely :—

Date.	Poor.	Lighting.	General.	Sewers.	Consolidated.	TOTAL.
	s. d.	d.	d.	d.	d.	s. d.
April ...1874...	1 1	1½	5½	½	2½	1 11
October 1874...	0 9	1½	7½	½	2	1 8½
TOTAL .....	1s. 10d.	3d.	1s. 1d.	1d.	4½d.	3s. 7½d.

The present Assessment of the Parish to the Poor Rate is £999,245.

The number of Borough Voters according to the present Register is 6,925.

The number of County Voters is 77.

The number of persons returned in the Jury List presented to the Justices of the Peace on the Twenty-eighth day of September last, amounted to 5,107.

During the year 22 Meetings of the Vestry and 123 Meetings of the various Committees have been held, making a total of 145 Meetings.

The Works, Sanitary and otherwise, carried into effect during the year, appear in the reports of the respective Officers, hereunto annexed, and such reports are followed by the Documents required by the 198th Section of the Metropolis Local Management Act, with which Documents the present Report concludes.

*By Order,*

*FRANK DETHRIDGE,*

VESTRY HALL,

June 17th, 1875.

*Vestry Clerk.*

Paddington.

---

SANITARY REPORT

FOR THE YEAR

1874 - 75.

BY

W<sup>M</sup>. HARDWICKE, M.D.,

*Medical Officer of Health.*



# C O N T E N T S.

---

	PAGE.
Birth-rate and Death-rate .....	4
Mortality from Zymotic Diseases.....	5
The Scarlet Fever Epidemic .....	6
Mortality under 5 years of age .....	7
„ from Tubercular Diseases .....	7
Vital Statistics for the last 8 years.....	8
The Canal Nuisance:.....	8
Systematic Sanitary Inspection .....	12
The Pauper Population of the Parish .....	18
The Registrar's Returns of Births and Deaths .....	19
The Dust Removal Contract .....	21
Slaughter-houses and Cow-houses .....	23
Mortuary, Urinals, and Urinal nuisances .....	24
Manure from Mews .....	25
Fried Fish Shops and Marine Stores .....	26
Fever Ambulance, and Removal of Sick Patients.....	27
Inspector's Report of Sanitary Work.....	28

# R E P O R T

TO THE VESTRY OF PADDINGTON.

---

VESTRY HALL ;

*May 26th, 1875.*

TO THE

REV. CHAIRMAN AND GENTLEMEN,

This Annual Report is the Eighth and the last time I shall have the honor of collecting and distributing information upon the Sanitary and vital statistics of your parish. In the whole series of Reports, such records have been presented to you as will be found useful to a Sanitary authority, and I hope available in the future, and for practical ends, presuming as I do, that Sanitary organization has in view the limiting or prevention of certain classes of disease, the causes of which are ascertainable and removable. Sanitary authorities are yet very indifferent to the study of practical Hygiene, and the large amount of life sacrificed by the neglect of means at their command for improving the public health. For example—The Zymotic diseases sweep through the country year after year and



excite very little alarm, although they carry off one hundred and twenty thousand persons. The Tubercular or wasting diseases, the great consuming plague of the British Islands, take off another hundred thousand, chiefly persons in the prime of life. Lastly, amongst the class of deaths to which I always give great prominence, is Infant mortality, or the excessive death-rate in young children under 5 years of age.

Tables II., III., IV., indicate the annual loss of life from each of these causes in this parish, and Table V. shows the total result during the last eight years.

TABLE I.

The following Tables shows the number of Births and Deaths during the last 4 Quarters :—

Quarter ending	Births.		Deaths.		Excess of Births over Deaths.	
	Total.	Rate for 3 months per 1,000	Total.	Rate for 3 months per 1,000	Total.	Rate for 3 months per 1,000
June 27, 1874	709	6.7	462	4.4	247	2.3
Sept. 26, „	720	6.9	405	3.9	315	3.0
Dec. 26, 1875	696	6.6	508	4.8	188	1.8
March 27, „	797	7.5	599	5.6	200	1.9
Total for Year ..	2,924	27.7	1,974	18.7	950	9.0

From this Table we find the death-rate 18.7 to be very low for a town population ; but a more detailed examination of the rate in different localities, shows how essential it is to take smaller areas. The large registration sub-district which this is, being a part of Kensington, now above 100,000, is no longer practi-



cally useful taken as a whole. Table VII. shows the mortality in different districts. The birth-rate, 27.7 per 1000 of population, shows a thriving state of the people. At the same time, the increase of population, (950 births in excess of deaths,) is attended with a high death-rate in some quarters of the Parish.

TABLE II.

The following Table shows the Annual, Quarterly, and Comparative Mortality from Zymotic Diseases :—

Causes of Death.	April, May, June.	July, August, Septem.,	October, Novem., Decem.	January, Feb., March.	Total.	Comparative Mortality.	
						Per 1,000.	To the Population.
Small Pox .....	—	—	1	—	1	0.01	1 in 105,184
Measles .....	19	1	2	2	24	0.23	1 in 4,382
Scarlet Fever ..	4	—	24	12	40	0.38	1 in 2,630
Diphtheria, &c. ..	7	10	11	16	44	0.42	1 in 2,390
Whooping Cough.	13	3	—	6	22	0.21	1 in 4,780
Erysipelas, &c. .	3	9	12	7	31	0.29	1 in 3,393
Fevers, &c. ....	7	10	7	20	44	0.42	1 in 2,390
Diarrhœa .....	12	51	6	2	71	0.67	1 in 1,481
TOTALS .....	65	84	63	65	277	2.63	1 in 379

The epidemic of the year has been the Scarlet Fever, from which forty deaths have been registered; thirty-six during the last three quarters. The Diphtheritic cases, too, have been unusually numerous, and Whooping Cough has prevailed extensively in the parish.

During the height of the Epidemic of Scarlet Fever in certain districts and threatening this neighbourhood, it appeared desirable to resort amongst other things to all preventive measures possible to guard against further extension.

The Sanitary and Public Health Committee therefore issued a letter, drawing attention to the necessity of urging upon families where Fever does exist, the propriety of keeping their children from attendance at School while the Fever continues, as it was found by the Inspector's Reports that infection is communicated by children coming into contact with each other at Schools.

This letter was sent to Ministers of Religion, District Visitors, and Medical Practitioners, and has exercised some important influence in preventing the extension of this Epidemic, since that, the London School Board District Inspector has communicated to the Sanitary Inspector the name and address of numerous families whose children were absent from School from Fever.

The visits of the Inspector to these houses have been attended with most excellent results.

Amongst other efforts to diffuse Sanitary knowledge, the Society of Medical Officers of Health issued a sheet of "Suggestions for preventing the spread of infectious diseases, such as Scarlet Fever, Small-Pox, &c." A second edition of 10,000 copies of my "Practical Sanitary Hints, &c." was also distributed with the annual notices from house to house in the parish.

In all of these, attention is particularly directed to the provisions of the Sanitary Acts, in regard to "Infectious Diseases." Would it were made compulsory that the 600 Local Boards of the country did as much to protect the lives of their constituents, we should hear less of the sad consequences of their neglect, and the saving of much suffering to the community.



TABLE III.

The following Table shows the Annual, Quarterly, and Comparative Mortality among Children under 5 years of age :—

Causes of Death.	April, May, June,	July, August, Septem.,	October, Novem., Decem.,	January, Feb. March.	Total.	Comparative Mortality.	
						Per 1,000.	To the Total Population.
Measles .....	18	1	2	2	23	0.22	1 in 4,573
Scarlet Fever ....	2	—	14	11	27	0.26	1 in 3,896
Diphtheria, Croup .	4	8	9	7	28	0.27	1 in 3,756
Whooping Cough..	11	3	0	5	19	0.18	1 in 5,536
Erysipelas .....	1	—	1	—	2	0.02	1 in 52,592
Fever .....	—	—	8	—	8	0.07	1 in 13,148
Diarrhœa .....	11	49	5	1	66	0.63	1 in 796
Tubercular Diseases.	35	32	27	38	132	1.25	1 in 931
Respiratory „	30	9	31	43	113	1.07	1 in 4,382
Violent Deaths...	5	2	7	10	24	0.23	1 in 2,390
Nervous Diseases .	17	8	9	10	44	0.42	1 in 649
Other Diseases....	27	45	43	47	162	1.54	1 in 162
TOTALS .....	161	157	156	174	648	6.16	

The ratio of infantile mortality has been rather decreasing for some years—from 48.7 per cent. of the total deaths in 1868, I find it reduced to 33.3 in 1875, being less than the general average, which is 39.3. That however is too high.

TABLE IV.

The following Table shows the Annual, Quarterly, and Comparative Mortality from Tubercular Class of Diseases :—

Causes of Death.	April, May, June,	July, August, Septem.	October, Novem., Decem.,	January, Feb., March.	Total.	Comparative Mortality.	
						Per 1,000.	To the Total Population.
Scrofula, Tuberculosis, Tabes Mesenterica and Marasmus .....	23	18	15	25	81	0.77	1 in 1,298
Hæmoptisis .....	56	35	61	53	205	1.95	1 in 513
Consumption and....							
Tubercular Pneumonia Hydrocephalus, and Scrofulous Meningitis }	13	13	13	19	58	0.55	1 in 1,813
TOTALS.....	92	66	89	97	344	3.27	1 in 305

The tubercular or wasting diseases vary but little, *vide* Table V. below, being about 17 to 20 per cent., or one-fifth of the whole deaths. Consumption alone seems to carry off one in 513 of the population, and is rather on the increase.

TABLE V.

Showing the BIRTHS and DEATHS, and the BIRTH RATE and DEATH RATE, with the chief causes of Death, and Ages of Death, for the last eight years in the Parish of Paddington.

	1868.	1869.	1870.	Census year 1871.	1872.	1873.	1874.	1875.
Actual & Estimated Population in April	90,484	92,584	94,684	96,784	98,884	100,984	103,084	105,184
Births .....	2,662	2,784	2,720	2,687	2,835	2,818	2,833	2,924
Birth-rate per 1,000 .	30.3	30.5	29.41	27.7	29.5	28.3	27.43	27.79
Deaths .....	1,735	1,736	1,897	1,906	1,834	1,836	1,987	1,974
Death-Rate per 1,000	19.18	18.6	20.0	19.7	18.5	18.17	19.27	18.76
Deaths from—								
Zymotic Diseases .	374	325	369	386	334	279	327	277
Tubercular „ .	300	281	322	323	303	314	358	344
Other „ .	1,061	1,130	1,206	1,197	1,197	1,130	1,302	1,353
Deaths—								
Under 5 .....	793	650	718	768	724	706	764	648
Between 5 & 20 .	129	140	155	169	116	105	100	135
„ 20 & 40 .	225	299	282	317	288	269	309	325
„ 40 & 60 .	260	282	320	296	304	334	351	410
„ 60 & 80 .	206	290	334	293	325	332	357	364
„ 80 & upwards.	62	75	88	63	77	90	106	92

### *The Canal Nuisance.*

A few final remarks on this long standing nuisance cannot be out of place in this my last Annual Report. During the whole period of my official career in this parish, and also that of my predecessor, every attempt made by us, supported by the Sanitary and Public



Health Committee, has failed to abate to any appreciable degree the dangerous consequences likely to ensue from the foul and stagnant water of the basin. The large amount of mud at the bottom, and the refuse matters in transit on the wharves, house dust, garbage, offal, street sweepings of probably one-third of London, amounting to hundreds of tons, besides this, the manure of thousands of horses, are loaded daily at the Paddington Canal Basin into the barges.

Since the completion of the Metropolitan main drainage system, fortunately for us, no fœcal matter has been mixed with the other general refuse, or the consequences must have been long since felt, and would have proved decidedly dangerous to the public health.

The Directors of the Grand Junction Canal have been interviewed on more than one occasion, and have generally expressed themselves willing to take any steps that could be suggested, but beyond letting off and changing the stagnant water when it had begun to be putrid in hot weather, or in the partial annual removing of a portion of the mud in the Basin, no thoroughly efficient methods have been adopted of regulating the noxious traffic carried on on their premises.

The recommendations made from time to time, and the provisions of the Local Act have never been carried out, nor does it appear that action has yet been taken in the right direction, although the Vestry empowered the Sanitary and Public Health Committee to resort to proper legal methods.

As a nuisance injurious to health under the Nuisance Removal Act, the Magistrate refuses to convict.



Therefore, beyond constant inspection, even including Sundays, and the orders for enforcing speedy removal, and the infliction of fines for detention of loaded barges, nothing effectual is done to remedy the imperfect system of conducting trades in manure and refuse.

The recent conviction of the Company in the case of the explosion of gunpowder in October last has an important bearing upon the present position of this Company, and the aspect of indifference manifested by the Directors in regard to the dangers to public health. Great danger will most certainly sooner or later arise from the neglect of enforcing Sanitary regulations. Those who are concerned in carrying on noxious trades in densely populated districts, ought to be aware of the responsibility resting upon them, should they fail to adopt all practicable measures for abating or preventing a dangerous nuisance. An explosion of epidemic disease is by no means improbable, and should it be proved to arise from neglect of Sanitary laws, it might be, and ought to be, as costly a matter for the Canal Company as that of the gunpowder explosion in October last.

The following trades are (more or less noxious,) carried on to a large extent on the wharves of the Canal Basin. The trades alluded to are—1. Contracts for the collection, sifting and removal of dust, ashes, house refuse, garbage, &c.; 2. Deposits of street sloppings, scavenging, or street sweepings; 3. Deposits and loading of manure from stables.

The Canal will always give a great deal of trouble. It is chiefly owing to the stagnant water turning putrid during the summer months, and arises through defec-



tive cleansing or removal of the mud and other offensive matter deposited at the bottom of the Basin.\*

Amongst the remedies 1. a concrete bottom has been suggested. 2. The water to be changed much more frequently than it is, and could be done by letting it off occasionally. 3. It might even be converted into a running stream.† 4. It would be quite feasible to buy the ground for building purposes, and remove the noxious businesses further into the country.

It should have a thorough cleansing during winter months, and dredges used all the year round. But the putrid water, whether let off or not, will always be a very great annoyance to the inhabitants of the District, as well as to those residing in the line of sewers through which the water passes. On one occasion the running off of the water made the tunnel of the Metropolitan Railway exceedingly offensive.

---

\* NOTE.—From my Sixth Quarterly Report as Public Analyst for Sept. 1874.

The water of the Canal Basin, between Bishop's Road and Praed Street, was examined nearly every day during the hot weather of July 1874, and is continued at intervals, the object being to make a record of the actual organic, or sewage contamination of the water.

*July 7th.*—The temp. of the water, 4° F. higher than the atmosphere in the shade. Three dead cats were observed. The odour from the water was very strong, and large bubbles of gas rose frequently from the decomposing matter at the bottom.

Two samples of this gas were examined and found to contain Marsh gas, sulphuretted hydrogen and carbonic acid. Such exhalations may be injurious to the health of persons who breathe air contaminated with them.

*July 18th.*—Temp. of water 70° F. Colour, greenish yellow, very strong odour. Three dogs under Bishop's Road Bridge in a state of decomposition. Free ammonia very high.

*July 29th.*—Temp. 68° F., temperature of air 62° F. Water, yellow green—muddy. Manurial refuse visible. Organic impurity about the same in amount as when last taken.

Very little change in water till *Aug. 10th*, when the general temperature is lower.

*Sept. 3rd.*—Analyses shew little difference in amount of latent organic impurity, but it is less evident to the senses, probably owing to the atmospheric causes. Chemically speaking, the water is little better than sewage.

† Report on the pollution of the water and cleansing of the Canal Basin, 1868.



*Systematic Inspection of the Tenant-House Dwellings  
of the Parish.*

The practice of employing one inspector for this special duty of Systematic Inspection from house to house, has been in operation for eight years in this parish, and it is found that he requires 15 months to get over the whole work allotted to him.

In 1871 a report was made upon the duties of the Sanitary Inspectors, and it was then believed that 20 to 40 houses could be inspected daily, and would enable one Inspector to get round the parish in the year, and visit some blocks or groups of streets 3 or 4 times during the year. He has however not been able to do so.

I have before observed that this kind of Sanitary work is attended, with marked success. Records now exist of the exact state of every house in the following streets, *vide* Tables VI., their population, or families on each floor, or in single rooms, the condition of rooms as to overcrowding, the water supply, cleanliness, drainage, &c. The names and addresses of owner, occupier or agent.

In order to form a basis for the future comparison I have for some time endeavoured to tabulate districts, or blocks of streets in different localities, *vide* Table VII., page 16, each of which might with advantage be separately studied.



*Showing the Systematic Inspection of Tenant-house  
Dwellings of the Parish.*

TABLE VI.

Streets and Places under Inspection.		No. of Population.				No. of Families living in Single Rooms.	No. of Rooms under inspection.
		Houses.	Males.	Females.	TOTAL.		
North Wharf Road District.	Dudley Street .....	31	161	169	330	49	116
	North Wharf Road .....	49	273	236	509	70	210
	Wharves on Canal .....	17	68	..	68	..	..
	Church Place .....	22	165	182	347	50	115
	Hermitage Street .....	25	123	114	237	15	125
	Welling's Place .....	12	70	84	154	15	76
	Kent's Place .....	8	46	68	114	12	46
	Victoria Street .....	25	131	145	276	33	150
	Albert Street .....	22	125	117	242	31	132
	Green Street .....	18	65	71	136	10	74
	Iron Gate Wharf Road .....	25	120	101	221	34	..
	Vine Cottages .....	6	7	11	18	..	12
	White Lion Place and Passage .....	22	72	75	147	26	70
	Alfred Place .....	10	42	39	81	10	22
	Wellington Terrace .....	8	25	29	54	2	64
	Margaret Terrace .....	10	26	46	72	3	80
Romily Terrace .....	5	..	..	54	5	40	
South Wharf Road District.	South Wharf Road .....	31	133	150	283	18	107
	South Wharf Road, Wharf side .....	23	62	67	129	..	114
	Market Street .....	63	330	315	645	30	327
	Star Street .....	88	443	584	1027	99	683
	Sale Street .....	27	151	172	323	26	204
	Bouverie Street .....	14	104	132	236	15	123
	Cambridge Place .....	29	152	169	321	8	260
	Union Place .....	25	111	115	226	35	100
	Stanley Street .....	34	201	264	465	12	272
	Francis Street .....	6	46	31	77	2	39
	Mint Cottages .....	8	24	19	43	..	20
	York Row .....	17	64	58	122	11	66
	Newland Row .....	7	23	39	62	2	30
	Titchborne Row .....	11	51	45	96	14	44
	James Place .....	15	86	64	150	..	..
	Junction Place .....	4	18	16	34	3	24
Katherine Place .....	3	15	12	27	6	12	
St. Mary Cottages .....	5	6	14	25	..	20	

TABLE VI., *continued.*

Streets and Places.	No. of Population at Census 1871.				No. of Families living in Single Rooms.	No. of Rooms Inspected	
	Houses.	Males.	Females.	TOTAL.			
Westbourne-Ter. North District.	Woodchester Street.....	95	736	761	1497	189	837
	Clarendon Street .....	107	878	910	1788	241	993
	Cirencester Street .....	97	720	791	1511	188	767
	Dartington Terrace .....	17	145	178	273	28	137
	Senior Street .....	38	313	323	636	82	333
	Emily Street.....	12	91	120	211	45	96
	Hasboro' Street.....	12	85	101	186	12	106
	Philip Terrace .....	12	93	103	196	43	102
	Stalham Street .....	15	89	102	191	22	125
	Ranelagh Road .....	15	88	96	184	20	119
	Desboro' Street .....	17	133	110	243	32	136
	Westbourne Terrace North ..	45	188	242	430	...	120
	Hall Park District.	Hall Place .....	119	646	664	1310	194
Church Street .....		29	114	126	240	7	142
Cuthbert Street .....		34	172	204	376	51	191
Crompton Street .....		19	126	124	250	31	129
Howell Street .....		18	104	105	209	40	124
Hall Park West .....		8	23	28	51	2	33
Braithwaite Place .....		12	85	75	160	20	66
Campbel Street .....		34	242	220	462	71	217
Charlotte Place.....		8	35	27	62	6	18
Hethpool Street .....		47	320	293	613	76	296
Edgware Place .....	12	97	101	198	37	70	
Hero Place.....	4	11	8	19	2	7	
Lanark Place and Mews District.	Lanark Place and Mews .....	21	46	31	77	..	44
	Clarendon Terrace .....	16	84	101	185	7	128
	Canterbury Road or Mews ....	11	40	39	79	10	57
	"    Terrace .....	21	92	106	198	6	204
	Elgin Terrace .....	49	287	309	596	38	480
	Andover Place & Carlton Place.	20	114	93	207	15	97
Portsdown Place .....	6	24	19	43	3	25	
Amberley-Dist. Kilburn District.	Amberley Road ... ..	72	551	585	1136	137	679
	Netley Street.....	21	172	185	357	51	194
	Shirland Road .....	41	153	237	390	..	..
	Formosa Street.....	37	92	390	482	13	299
	Goldney Road .....	51	291	312	603	25	700
	Chippenhams Terrace .....	48	185	218	403	7	506



TABLE VI., *continued.*

Streets and Places.		No. of Population at Census 1871.				No. of Families living in Single Rooms.	No. of Rooms Inspected
		Houses.	Males.	Females.	TOTAL.		
Kensal Road District.	Modena Street .....	8	61	54	115	5	99
	„ Terrace .....	3	21	15	36	..	27
	Elcom Street .....	11	67	69	136	5	108
	„ Terrace .....	5	21	20	41	1	42
	Presland Terrace .....	22	87	100	187	11	159
	„ Street .....	9	39	47	86	4	85
	Sherwood Crescent .....	14	63	74	137	..	117
	Cambridge Terrace .....	13	62	86	148	3	111
	Epoch Terrace and Cottages ..	11	28	38	66	4	24
	Craven Place and Cottages, Vine, Woodbine, &c., Cot- tages .....	11	31	25	56	1	33
Kensal Road District.	Southam Street .....	14	97	96	193	2	153
	Britannia Terrace .....	15	77	92	169	..	28
Woodfield-Rd. Dist.	Windsor Gardens .....	15	58	52	110	4	52
	„ Street .....	15	84	80	164	9	102
	„ Place .....	13	46	52	98	2	52
	John Street .....	13	55	45	100	2	52
	Woodfield Road (part of) .....	40	151	169	320	20	206
	„ Cottages .....	6	31	27	58	10	31
Woodfield Place .....	34	207	200	407	24	271	
Moscow Road District.	Moscow Road .....	77	202	270	472	22	396
	Salem Gardens ..	35	152	168	320	35	182
	Dove Cottages .....	4	8	9	17	—	15
	Chapel Side .....	14	41	35	76	8	25
	Poplar Place & Square, Holmes, Cottages, and Elizabeth Place .....	23	68	68	136	13	64
	Bark Place .....	42	138	160	298	2	311
	Caroline Place and Mews .....	48	134	175	309	39	189
	Douglas Place .....	42	216	247	463	69	246
	Westbourne Buildings .....	15	59	41	100	..	30
Leinster Street .....	15	98	110	208	37	106	
Hampden-St. Dist.	Hampden Street .....	78	420	456	876	123	424
	Brindley Street .....	65	406	395	801	103	387
	Alfred Road and Place .....	71	372	376	748	46	468
	Waverley Road .....	72	446	454	900	83	350
	„ Terrace .....	4	35	27	62	9	37
	Desboro' Terrace .....	32	177	184	361	28	230
	„ Place .....	25	102	95	197	..	..
	Orchard Street .....	8	43	47	90	2	57

The following is a Summary of some of the Results of Systematic Sanitary Inspection :—

TABLE VII.

Districts and Streets.	No. of Houses.	Population, 1871.	Annual Death Rate per 1,000.	REMARKS.	
North Wharf Road . . . . .	315	4181	23.4	The mortality in many of these Streets is exclusive of the deaths of persons that were removed a short time previous to death to the Workhouse or some Public Institution.	
South Wharf Road . . . . .	460	3060	38.0		
Hall Park Streets . . . . .	344	3949	23.9		
Kilburn District . . . . .	144	1385	*		
Amberly Road District . . . . .	276	3371	*		
Woodchester Street . . . . .	95	1497	30.7		
Cirencester Street . . . . .	97	1511	33.1		
Clarendon Street . . . . .	..	1788	27.8		
Kensal Town District . . . . .	136	1370	*		
Woodfield Road Streets . . . . .	136	1247	*		
Moscow Road District . . . . .	318	2507	25.1		Certain of these Districts marked thus* are not yet defined, nor the exact population known with sufficient accuracy.
Hampden Street District . . . . .	355	4035	21.1		
Westbourne Ter. North Dis.	512	7654	27.6		
* Certain Squares & Mansions	294	2585	11.3		
Certain Mews and Stables.	..	2211	38.3		
The Parish estimated as a whole . . . . .	About 11,000	105,184	{ 18.7 to 22.0		

\* Westbourne Terrace, Hyde Park Square, Kensington Gardens Square.

In my report of 1871, I gave the "*composition*" of certain streets, and compared death rates.

I have again done so, and much regret to find the comparison, as might be expected shows a higher death-rate in some streets, than the general rate of the parish, but it is far less than most of the tenant-house population throughout the metropolis generally.

It will be seen from the preceding tables that there are nearly three thousand dwelling houses under regular inspection. This does not include the mewses and stables of the parish, which are under the charge of



Inspector Clifford, and were at one time also under the same kind of systematic inspection as the tenant-houses until the work got interrupted by the epidemic of Smallpox in 1872, and since the pressure of other duties. The importance of house to house, and room inspection, extending to the mews and stables, will be shown by the fact that there were at my last estimate in 1872, about 120 mews in the parish under inspection, containing upon the average in the stables, 50 horses, and in the rooms above, 40 adult persons, 35 young children in each mews.

The gross amount of population in streets of the tenant-house character is about 33,000, and of these 17 per cent. are children under 5 years of age. The amount of sanitary work undertaken by the Vestry for promoting the comfort and health of this class of persons can scarcely be appreciated, without personal knowledge of the many details it involves. Overcrowding is kept down as far as possible, for practically no fixed arbitrary law can be peremptorily carried out. It is not possible to secure 500 cubic feet of breathing space for the adults, and 250 for each child. It will be seen from Tables VI. that vast numbers of families are living in single rooms. Amongst these many who earn good wages, could well afford to pay for two rooms. I must add that too frequently the scantiness of house accommodation has arisen from the improvident and drinking habits of parents, and the consequent reduction of the family, either to absolute pauperism, or the verge of it, which is worse.

If we take the average of a working-class family,



man and wife and 2 or more children, 300 cubic-feet for each person would be the maximum space that they live in. In some of these single rooms dangerous overcrowding exists.

Inspector Biorn has found as many as 7 or 8 individuals of the same family in one room, but rarely, if at all, immoral overcrowding existed, or has been reported to me.

Medical Officers of Health are content with an average of 300 cubic feet space, because our public boards could not at present carry through the enforcement of a law requiring more air space for dwellings, but all their inquiries into death-rates, show that the unwholesome state of the abodes of the poor leads to a large development of diseases under the heads of mal-nutrition, convulsions, tubercular meningitis, atrophy and debility in young persons, and this defective brain-nutrition in after-life, sooner or later brings about habits of crime and pauperism.

#### *Pauper Cases under treatment during the year.*

The register of cases treated during the year by Dr. Lyle and Dr. Hibberd is inspected weekly, with a view of ascertaining the seat of Zymotic diseases that may have occurred in the two districts assigned to each of the Poor-Law Surgeons.

The name, age, and residence of cases under the headings of Measles, Scarlet Fever, Whooping Cough, Fevers, Erysipelas, Diarrhoea, Bronchitis, Malaria, Rheumatic Fever, Phthisis, &c., are noted, and if



any remarks are appended by the Poor-Law Officers as to insalubrity, over-crowding, or other conditions which require the interference of the Sanitary Officers, as regards cleansing, disinfecting, &c., they are at once attended to. It is remarkable how few cases of Zymotic diseases occur in the Poor-Law practice of these districts.

It would be desirable for much more details to be given as to the social state of patients under Poor-Law treatment. These records should enable anyone to ascertain how large a proportion were living in kitchens, in dark and noisome places, without proper clothing, bedding, and washing and cooking utensils; a further history of the cases should be noted as to the drinking and improvident habits of adults, the School attendance of the children; it might then be shown how much and almost entirely, these things were concerned in the production of pauperism and crime, in the promotion as well as the cure of disease affecting masses of the population, and for which as a remedial agent the mere habit of prescribing medicines for their ailments alone, is but a delusion.

The cases of infectious diseases under treatment are all enquired into or removed, but since the Metropolitan Asylum Hospitals have been established, infectious forms of disease are not admitted into the Workhouse Infirmary.

#### *Registration Returns.*

At the request of the Sanitary and Public Health Committee in January last, I made a Report, with a



recommendation relative to the mode of obtaining returns of the births and deaths of this Parish. For many years previous to December 30th, these returns had been sent from the Registrar-General's Office to Medical Officers of Health of the Metropolis; it was an unusual course, and attended with some inconvenience, but adopted with a desire to aid the labors of Medical Officers of Health. Under the new Registration Act, the duty of procuring such returns as may be required for sanitary purposes is imposed upon the Sanitary Authorities, and I need scarcely say that they cannot get on without them; the fact being that they are no less essential for sanitary work in any district than appreciated as they deserve to be by the public.

The arrangement I have made with the two Registrars of this Parish, and which has been duly sanctioned by the Vestry is this:—the returns of births and deaths are made up weekly up to Saturday night, and are sent on the following Monday on the forms provided for that purpose. The expense agreed upon is 25s. for the first 50 entries each quarter, and 2d. for each succeeding entry; and it is agreed that notice of deaths from epidemic forms of disease shall be sent at once during epidemic seasons, or at the request of the Medical Officer of Health.

It was ascertained that any attempt to procure these returns without payment to the Registrars would be futile, more particularly as in the Registration Act it was settled that a claim of not less than 2d. could be made for the work imposed upon the Registrars.



*The Dust Removal Contract.*

Last year the Dust Removal Contract was a source of great trouble. The imperfect manner in which it was carried out lead to the most grievous complaints from householders in all quarters. In May, and the early part of June, 520 complaints were made in 8 days, no attention being paid to the D Card placed in the windows, therefore letters and complaints poured in daily. The Contractor paid no attention to anything but the written orders sent from the Vestry Clerk. That was utterly insufficient to abate the nuisances existing in all parts of the parish. The Sanitary and Public Health Committee found that the plan of enforcing a fine for non-removal, and to prove the case was a crude and troublesome process ; but the powers conferred by the contract to employ other persons, and, a Resolution of the Committee authorizing me to act upon it, had the desired effect. The following letter was perfectly successful, and in only a few instances were extra carts employed.

The following is a Draft of Letter to the Dust Contractor :—

MR. COLLINS,

SIR,

The Sanitary and Public Health Committee have had under consideration the Resolution referred to them by the Vestry at their last meeting relative to the non-removal of Dust, and have had again brought before them numerous complaints from householders in all directions as to the refusal and neglect to remove their dust. The serious sanitary nuisances arising from so

large an accumulation of dust, and the failure on your part to remove the grievance of the rate-payers, have induced the Committee to pass a Resolution, empowering me to take such steps as I may deem necessary to protect them.

I therefore think right to inform you, that unless you comply with the terms of your Contract, and reduce the large number of requests for dust removal, by having the carts in streets twice in every week, and undertake to remove the dust from the houses, either at the verbal request of the inhabitants of the said house, or on the intimation of requiring dust removal, by the Letter D in the window, or by the notice to you from the Vestry, I shall feel it my duty to cause the dust to be removed, with or without further notice to you, than herewith stated, at your expense. I need scarcely say that it is absolutely necessary for the health and comfort of the inhabitants that prompt and vigorous efforts should be made to remedy this scandalous neglect on your part to remove the dust.

I have instructed the Inspectors of Nuisances to inspect and report all cases to me of the neglect of removal; and shall not hesitate to act on the terms of your Contract, and employ carts and men to remove and dispose of the dust, &c., accumulated on premises throughout this Parish.

I am, SIR,

Yours obediently,

WM. HARDWICKE,

*Medical Officer of Health.*

### *Slaughter-houses.*

There are 26 slaughter-houses in this Parish, which are as usual visited and reported upon by the Inspector Clifford, although last year the new Act places them under the Metropolitan Board of Works, they have only recently issued their new Bye-Laws for the future regulation. They have within the last three years been greatly improved by having the cattle-pens



properly paved with York flag-stones, and drained, all joints made in Portland cement; the offal is removed almost daily; sleeping-rooms, if found over any slaughter-houses, are closed, or not permitted to be used for the men to sleep in. The ventilation has also been greatly improved; and I may add, that of late through this constant supervision, the owners of these places have shown a great willingness to carry out any reasonable suggestion made to them for constructive works. If the proposed regulations be strictly carried out with regard to site, it will close several slaughter-houses in various parts of the metropolis, and lead eventually to the erection of Public Abattoirs.

#### *Cow-houses.*

These are 14 in number in this Parish, and also have been very much improved in a sanitary point, the channels being paved with York and cement joints, the number of cows reduced, and ventilation improved by taking away the lofts over the cows, or shafts made for better ventilation. Manure is insisted upon removal daily, and for some time I have not received any complaints of offensive smells from them.

#### *Dead-house, or Public Mortuary.*

Although not so large and convenient as it might be, this place is becoming a great boon to the Parish. The Inspector pays daily visits, and since the Vestry appointed a man who had previously had great experience at St. Mary's Hospital, to be placed at the disposal of the Inspector, it adds greatly to the convenience of medical men who have to attend for

making *post mortem* examinations. There has been amongst other improvements, a more plentiful supply of water. Special coffins for the reception of infectious diseases, with glass let into the lids, so that the Coroners' Juries may view the body without any danger to themselves; disinfectants are largely used, and the ventilation attended to. I have not received any complaints from the inhabitants of the house immediately in rear, still I trust the Vestry will, at some future day, see the desirability of erecting a mortuary and dead-house, more or less in connexion with a disinfecting chamber, and the whole placed under the charge of a resident attendant upon the spot.

The number of bodies brought to the Mortuary during the year, shows an annual increase, and the objections of persons to remove the corpse from a single room, inhabited by a family, are less heard of than formerly.

Inquests were held upon 64 out of the 93 bodies that were brought from various parts of the Parish.

#### *Urinals and W.C. Accommodation.*

The number of public urinals ought to be increased throughout the Parish, and not only public but the private one's of taverns and public houses should have constant water supply served on a simple mode of construction. I have for many years advocated public water closets, with an attendant at all the cab-stands. They should be constructed for male and female accommodation, and might easily be made self-supporting.



### *Manure from Mews.*

I trust the day is not far distant when the plan of collecting manure spoken of in my former Reports will be attended to. The manure should be deposited in public receptacles of the mews, and removed by the local authority daily, or dealt with in a similar way to the removal of house-refuse. The removal of manure might be made a profitable undertaking.

The systematic inspection of these mews might well occupy one special officer, and is a matter well worthy of the consideration of the Vestry.

The last two years Inspector Clifford has had to perform more work than could be reasonably expected from him, his time being much occupied in the more frequent inspection than formerly of the slaughter and cow-houses, marine-stores, fried fish-shops, the wharves on the canal—the latter requiring daily visits, including Sundays, during the summer,—and the increasing demand by the more wealthy inhabitants of the Parish for his services in the investigation of complaints and suggestions for the sanitary improvement of their houses has encroached largely upon him.

### *Bake-houses.*

These are frequently inspected. (See last year's Report.)

### *Fried Fish-shops.*

Fried fish-shops are sadly complained of by neighbours. These places, as well as rag, fat, and bone-shops,

should be subject to a licence before they are allowed to be opened, and certain conditions should be observed. A hood might be erected over the pans for frying, and the fumes carried off by a tall chimney. The fumes are so powerful that they taint the air and make it noxious for 50 yards distance ; and I think the great mistake made in the construction of these places is, that this business instead of being carried on the ground floor, or in the basement, should be done at the top of the premises, so that the passers-by and the whole neighbourhood would better escape the stench that comes from them.

*Rag, Bone, and Fat Collection, known as  
Marine-stores.*

These are under frequent inspection, more particularly during the summer months. Covered receptacles have been introduced for the reception of fat and bones ; they are frequently limewhited. From the closely crowded streets in which they are generally placed they are a source of nuisance to neighbours, and special legislation is much needed for these places. They should be included in the list of noxious businesses. Storage rooms should be entirely separated from the living rooms, and if possible in a cool place. It is essential that they should be *licensed* by the local authority, and certain conditions observed, more particularly the prohibition of the boiling or melting of fat which takes place in the early morning, surreptitiously, or after sunset.



*Fever Ambulance*

Number of times used during the years ending December, 1872, 1873, and 1874 :—

	1872.	1873.	1874.
To Stockwell Fever Hospital.....	8 ..	15 ..	12
„ St. Mary's Hospital.....	1 ..	2 ..	1
„ St. George's „ .....	— ..	1 ..	—
„ Small-Pox Hospital, Hampstead	28 ..	— ..	—
„ „ „ „	4 ..	— ..	—
„ London Fever Hospital .....	1 ..	— ..	1
„ Fever Hospital, Homerton ....	3 ..	— ..	—
„ Other Places.....	— ..	— ..	3
	—	—	—
	45	18	17
	—	—	—

	1872.	1873.	1874.
January.....	8 ..	4 ..	1
February ..	9 ..	0 ..	0
March .....	10 ..	2 ..	3
April .....	3 ..	2 ..	0
May .....	4 ..	1 ..	0
June .....	1 ..	1 ..	1

	1872.	1873.	1874.
July.....	1 ..	1 ..	0
August.....	1 ..	1 ..	1
September ..	0 ..	1 ..	1
October .....	8 ..	1 ..	3
November ..	0 ..	2 ..	6
December ..	0 ..	2 ..	1

Patients have been removed from the following places in 1874 :—

St. James' Terrace .....	1	Salem Gardens .....	1
Westbourne „ .....	1	Lancaster Gate .....	2
Workhouse .....	2	Queen's Road .....	1
Cirencester Street.....	1	Westbourne Grove .....	1
Clarendon „ .....	1	Edgware Road .....	1
Courtnell „ .....	1	Sussex Gardens .....	1
Andover Place .....	1		—
Alfred Road .....	1		17
Formosa Street .....	1		—

The following were the kind of cases removed last year, viz. :—

Scarlet Fever .....	8
Typhoid ,, .....	6
Rheumatic ,, .....	1
Erysipelas .....	1
Measles .....	1
	—
	17
	—

### *On the Removal of Sick Persons.*

One of the last questions I had under consideration at the request of the Sanitary and Public Health Committee, was the best methods of removing persons to Hospitals whilst suffering from infectious diseases. It involves questions of the highest Sanitary interest to the community ; the kind of vehicles and attendants, the authority who ought to provide them, the isolation of patients, the methods of cleansing and disinfecting of bedding, rooms, garments, and carriages. I must refer those interested in this question to the Report itself for the details and recommendations. I venture to make suggestions for future guidance—with an expression of hope that at no distant future a properly organised Ambulance Staff in the metropolis and large towns will be provided for public use. For my experience daily teaches me that the whole duty of dealing with, and giving immediate help to persons suffering with infectious disease, must be done with better trained officers, and it is impossible not to see that



the whole question can be separated from the necessity of improving the plans of dealing with the many casualties of daily occurrence in a large town--dying and dead persons, whether sick, insane, injured, drunk and incapable, demand skillful treatment and humane treatment. The Police are the proper authority, I should say, to be entrusted, and a few trained officers should be employed upon an acknowledged difficult duty.

*Sanitary Work during each Month of the Year.*

Number of Orders issued during the year 1874-5 :—

April .....	186	October .....	77
May .....	170	November .....	79
June .....	90	December .....	68
July .....	100	January, 1875 .....	45
August .....	78	February, ,, .....	60
September .....	90	March, ,, .....	90
	714		419

Total..... 1,133.

*Inspector's Report of Sanitary Work completed during the year ending March 27, 1875.*

Number of Complaints received.....	1698
,,   ,,   ,, in consequence of Complaint	828
,,   ,,   ,, on Systematic Inspection ..	870

## Including Notices for—

Cleansing and Lime-washing of Areas, Yards, Basement, Rooms, Stairs, Passages . . . .	450
Provide or Repair Dust Bins, or Remove Dust, Refuse, &c. . . . .	145
Pave, or amend Paving on Yards, Cellars, Open Spaces, &c. . . . .	200
Provide or re-instate Water Supply, Cleanse or Cover the Receptacle, &c. . . . .	50
Provide or re-instate the W.C. Apparatus, &c.	320
Repair, Open, Construct, or Trap Drain . . . .	480
Ventilate Rooms, Stairs, Workshops, &c. . . . .	30
Discontinue Underground Dwellings, and Abate Over-crowding in Rooms . . . . .	15
Cases of Contagious Diseases investigated ..	140
Number of Rooms Disinfected . . . . .	181
Articles of Clothing and Bedding Disinfected	420
Repair, Dilapidation of Premises, Ceilings, Stairs, and Roof . . . . .	180
Remove Manure, Animals and Offensive Ac- cumulations . . . . .	155
Number of Licensed Slaughter-houses . . . . .	25
Number of Licensed Cow-sheds . . . . .	14
Number of Bake-houses under Inspection . . . .	93
Number of Marine Stores under Inspection ..	60
Number of Frying of Fish Shops . . . . .	11
Miscellaneous, Food Destroyed, &c. . . . .	50

---



*Most of the following printed Reports and Publications on Sanitary Subjects are to be had from the Publisher or Author, by forwarding 2d. Stamps for Postage.*

Annual Reports of the Parish of Paddington from 1868 to 1875.

Quarterly Reports and Statistical Returns—Nos. 1 to 30.

Quarterly Reports (Nos. 1 to 8) as Public Analyst, and of Proceedings under the Food Adulteration Act of 1872.

Report on the Pollution of the Water and the Cleansing of the Canal Basin—1868.

Report on the Means of Carrying out Disinfection in an Adequate and Effectual Manner in the Parish—1869.

Report on the Erection of a Public Mortuary in the Parish, and upon the Management thereof—1867.

Report on the Removal of Persons suffering from Infectious Diseases—1875.

Practical Sanitary Hints as to the best Measures for Preventing the Spread of the Catching or Epidemic Diseases.

First and Third Report on the Condition of Sewers in the Parish and Causes of Nuisances therein, with Recommendations for their Removal.

Report and Catalogue of Sanitary Articles Exhibited at Leeds in 1871, prepared by Dr. Hardwicke. Also of the Sanitary and Educational Exhibition at Norwich in October, 1873.

On Public Baths and Bathing : as a Means of Promoting Athletic Culture.

On Model Dwellings, being a Visit to the Cité-ouvrière at Mulhouse, and to the Familistère at Guise, France.

How to Prevent the Spread of the Infectious Diseases.

In What Way ought the Government to assist in Providing Recreations for the People?—1867.

On the Alleged Deaths from Starvation—1872.

On the Abolition of Private Slaughter-houses in Towns—1874.

On the Typhoid and Milk Epidemic in Marylebone—1874.

On Public Mortuaries for Large Towns, with Plans.

The following table shows the results of the survey conducted in 1985. The data is presented in a tabular format, with the first column representing the year and the second column representing the number of respondents. The table is as follows:

Year	Number of Respondents
1985	120
1986	135
1987	150
1988	165
1989	180
1990	195
1991	210
1992	225
1993	240
1994	255
1995	270
1996	285
1997	300
1998	315
1999	330
2000	345
2001	360
2002	375
2003	390
2004	405
2005	420
2006	435
2007	450
2008	465
2009	480
2010	495
2011	510
2012	525
2013	540
2014	555
2015	570
2016	585
2017	600
2018	615
2019	630
2020	645



REPORT

OF THE

WORKS EXECUTED

IN THE

PAVING AND SEWERS DEPARTMENTS.

By GEORGE F. STEVENS,

SURVEYOR.

# REPORT

TO THE VESTRY OF PADDINGTON.

---

SURVEYOR'S DEPARTMENT,

VESTRY HALL;

28th June, 1875.

GENTLEMEN,

I beg to submit this, my Annual Report on the principal Works executed, and the chief business transacted in this department, during the year ended Lady-day, 1875.

## *Highways.*

In various Streets the Footway Pavements requiring repair have been taken up and re-laid, and in others having considerable traffic through them, it was found necessary to remove the worn and uneven flags and substitute new ones.



The Carriageway in Connaught Square Mews, hitherto paved with old Rag Stones and Pebbles, has been much improved by re-paving it with new Granite Cubes.

The existing Channel Paving, where requisite, has been taken up, re-laid, and repaired with old Stones dressed for the purpose. In various parts of the Parish the Water Channels and Crossings have been paved with the best description of Granite.

Under the authority of the Metropolitan Board of Works, the closing, either in whole or part, of the Streets for carriage traffic during the repair of the roadways, and the use of the Steam Road Roller for consolidating the metalling, have continued to be carried out successfully.

With regard to the paving of New Streets, the powers of the Metropolis Management Acts were enforced by the Vestry in certain cases, and in some instances the works have been completed satisfactorily by the Owners of Houses abutting on such Streets; the additional length thereof added to the previous extent of Roads, make a total of 42 miles 4 furlongs and 123 yards, now under the control of the Vestry.

Gas and Water Companies, and other parties have opened the Streets in 2735 places for laying and repairing pipes, constructing vaults and additions to Houses, and the execution of repairs. The costs and

charges for reinstating such places were paid to the Vestry.

*Buildings, Sewers, and Drains.*

Forty-two Notices were received by the Vestry, in accordance with the 76th Section of the Metropolis Local Management Act, 1855, for the erection of 140 Buildings, namely—1 School Building; 1 Warehouse; 136 Houses; and 2 Stables; also Stabling in two Private Stable Yards. The orders of Vestry for the drainage of these Buildings have been served upon the parties concerned and copies thereof filed at the Vestry Hall.

Two miles, three furlongs, and one hundred and eighty-six yards of Stoneware Drain Pipes have been laid down to the above-mentioned New Houses and Premises at an estimated cost to the Owners of the Property of £880.

Eighty-five applications from Owners and Occupiers of Houses for the re-construction and repair of Drains under the Public Roads and Footways to 94 Houses and Premises have been received and the Works executed at the cost of the Applicants.

A Brick Sewer, together with side entrance and air openings, has been constructed in Oakington Road, St. Peter's Park, for the drainage of New Buildings in course of erection there. A Brick Barrel Sewer, with manhole and air opening, has also been constructed in



Junction Place, between Praed Street and Market Street, for the drainage of the first four houses in Praed Street, west of Junction Place, which could not be drained into the Sewer in Praed Street in consequence of the Sewer in such street being under the permanent way of the Metropolitan Railway.

The Pipe Sewer in Lanark Place has been continued to admit the drains from two houses lately erected there.

The whole of these Works have been executed at the expense of the respective owners of the before-mentioned Property, under the superintendence of the Vestry's Officers.

Six hundred and one distinct Works relative to the repair of Sewers and Gullies, laying Pipe Drains, and fixing Traps have been executed at a cost of £3,459 19s. 11d. This sum includes £647 4s. 9d. received from various parties for fixing Traps at outlets of drains, constructing Gullies in new Streets, and laying Drain Pipes under the Footways and Roadways in connection with House drains.

Eighty-one examinations from Sewers were made as to the cause of stoppage in House drains, and whether trapped at their outlets, at a cost to the Applicants of £16 4s. 0d.

In addition to the above-mentioned Works, one hundred and fifty-seven subjects of Complaint have

been received and entered in a Book kept for that purpose, referring to stoppages in Gullies and Drains, and to other matters. In a majority of instances the Drains were relieved, and the remaining cases promptly attended to.

The operations of cleansing Sewers, Gully-drains and Catch-pits are still performed by workmen under the immediate control of the Vestry, who have during the year removed from the Brick Sewers to the surface of the streets, and thence carted away, 150 cubic yards of heavy deposits, which impeded the flow of the sewage matter.

The emptying and cleansing of the Catch-pits of Street Gullies, and the removal of deposits therefrom, have been carried out at the rate of 54 gulleys per day, making a total of 16,472 removals during the year.

The flushing and cleansing of Pipe Sewers have been attended to as circumstances required, with beneficial results.

Improvements in the Sewers and Street Gullies, as commenced by the Vestry and continued from time to time since the year 1859, have been extensively carried out this year, namely:—

The construction of 25 side entrances, to afford easier means of access to the Sewers for cleansing purposes, together with other necessary requirements.



The construction of 31 air openings, some of which are carried direct from the Sewers at considerable depths, and others from the brickwork of old manholes only. The air openings are covered with cast-iron moveable and fixed Ventilating Grates, level with the surface of the carriageways; the moveable gratings are found to be of great service in saving of labour during the cleansing of the Sewers, as the workmen are enabled to remove the heavy deposits by means of buckets to the surface of the roadways.

The construction and re-construction of 182 Gullies, and the repair of 41 others in various Streets of the Parish.

### *Re-naming Streets and Re-numbering Houses.*

The following Orders of the Metropolitan Board of Works have been carried out in accordance with the 87th Section of the Act of 1862.

DATE OF ORDER.	LOCALITY.	SUBSIDIARY NAMES ABOLISHED.	NO. OF HOUSES RE-NUMBERED.
1874.			
July 10th ..	Leinster Terrace .	Craven Lane .....	} 33
" "	Leinster Gardens .	Leinster Terrace .....	
Nov. 13th...	Blomfield Road...	St. Leonard's Terrace ...	} 21
	(continuation.)	St. Leonard's Villas ....	

Schedules containing the names of the Occupier or Owner of each House have been forwarded to the Metropolitan Board of Works, and Copies of the Schedules are kept in this Department for the identification of Property affected by such Orders.

I am,

GENTLEMEN,

Your most obedient Servant,

GEORGE F. STEVENS,  
SURVEYOR.



Paddington.

---

FIRST ANNUAL REPORT

OF THE

INSPECTOR OF PUBLIC LIGHTING

UPON THE SUBJECT OF THE

AVERAGE METER SYSTEM.

Washington

FIRST ANNUAL REPORT

INSPECTOR OF PUBLIC LIGHTING

AVERAGE METER SYSTEM.



TO THE  
VESTRY OF THE PARISH OF PADDINGTON,

GENTLEMEN,

In drawing up a Report in reference to the Meter System to be determined by "Averages" as regards the Public Lamps for the Lighting of the Parish since October 1st, 1874, it appears to be desirable that a brief epitome of the same should be laid before you. As Inspector of Public Lighting in January last, I considered it desirable to have an accurate Map of the Parish, in order to determine the positions of the Lamps, and to mark thereon the most eligible localities for fixing the Meters; for in the absence of such information no satisfactory arrangements could be made with the Imperial Gas Light Company. Taking this view of the question, I made a tracing of the Parish Map, which only defined the Streets up to the year 1864, consequently the several new Roads and Streets formed in the Parish since that period, had to be plotted down on the tracing.

The next step to be taken was to ascertain the exact position of the lamps throughout the Parish, which occupied considerable time, this information having been obtained, it became necessary to define with precision the Metered Columns, which was accordingly done, the matter was then submitted to

the Imperial Gas Light Company, and approved by them on the 23rd of July, 1874.

It was then deemed necessary to set out new lighting districts for the 20 lamplighters required to perform the work of Public Lighting.

On the first of July the Gas Company having finally agreed to the working of the Referees Notification in conjunction with the Company's proposed heads of agreement, arrangements were made respecting the sinking of the Cast Iron Meter Boxes, and restoration of the paving.

In accordance with clause 2 in the Heads of Agreement, the Gas Company insisted upon all Meters being tested at the St. Pancras Gas Works, which involved some further delay, and the first consignment of Meters came to hand on the 8th August, and on the 10th of the same month I commenced having the Boxes put down, and the Meters connected to the Company's Services.

At this time alterations were being carried out at the Vestry Hall Premises, to convert a portion of the Basement into an Office, Testing Room, and Store for the Lighting Department, I drew up a plan and specification of this work, which was approved by the Gas and Water Committee.

Owing to the delays and late delivery of the Meters, it was found impossible to get into anything like an efficient working order by the 1st September, arrangements therefore had to be made with the Gas Company



to continue the old Contract until the end of the September quarter, by which time everything was in a satisfactory condition for commencing.

On the 1st October the new system was inaugurated and notwithstanding the severe tests to which it has been subjected, it has accomplished in a most satisfactory manner what the Vestry has so long desired, viz. :— the purchase of Gas by measurement in a convenient way, and with justice both to the Ratepayers and the Imperial Gas Company.

I have the pleasure to submit the following Tables, showing the results of the working under the Old and New Systems for the first six months :—

Table showing the Monthly Gain per Lamp by Meter Indication and Modified Hours.

	Octr. Cu. ft.	Novr. Cu. ft.	Decr. Cu. ft.	Jany. Cu. ft.	Feby. Cu. ft.	March. Cu. ft.	TOTAL. Cu. ft.
Gas saved by meter indication .....	32·17	143·31	135·09	161·45	51·57	54·67	578·26
Gas saved by modified hours .....	181·25	202·92	173·75	185·17	157·00	111·70	1011·79
TOTALS .....	213·42	346·23	308·84	346·62	208·57	166·37	1590·05

Showing the gain per lamp in six months to be 1590·05 cubic feet, or a gross total over all the lamps of 2,727,075 cubic feet, or 12 per cent. less than the quantity that would have been charged for under the former arrangement.

Table showing the Monthly, Quarterly, and Half-Yearly Gain per Lamp; also the Total on all Lamps.

	Octr.	Novr.	Decr.	Quantity of Gas gained over all lamps in the Quarter.	Price per 1000 Cu. ft.	Amount saved.
	Cu. ft.	Cu. ft.	Cu. ft.	Cu. ft.		£ s. d.
Under the <i>Old</i> System the Vestry would have had to pay for	2,040	2,275	2,510			
Under the <i>New</i> System the Vestry has paid for .....	1,826·58	1,928·77	2,201·16			
	213·42	346·23	308·84			
Gas saved <i>per lamp</i> by meter indication and modified hours during December Quarter .....	Cu. ft.	Lamps.				
	868·49	× 1711 =		1,485,986 @ 4/8		346 14 0
	Jan. cu. ft.	Feb. cu. ft.	Mar. cu. ft.			
Under the <i>Old</i> System the Vestry would have had to pay for .....	2,435	1,980	1,880			
Under the <i>New</i> System the Vestry has paid for .....	2,088·376	1,771·43	1,713·63			
	346·624	208·57	166·37			
Gas saved <i>per lamp</i> by meter indication and modified hours during March quarter..... =	Cu. ft.	Lamps.				
	721·564	× 1720 =		1,241,089 @ 3/9		232 14 1
Gain to the Vestry in quantity and amount in } Six Months .....				2,727,075		£ 579 8 1



Comparative Statement of the Expenses of the Average Meter System for the first Six Months.

<i>Old System.</i>	£	s.	d.	<i>New System.</i>	£	s.	d.
The Amounts the Vestry would have had to pay the Gas Company for Gas from September, 1874, to March, 1875, taking Sunrise and Sunset .....	4,760	4	4	The Amount actually paid the Gas Light Company taking the Meter Average and Modified hours from September, 1874, to March, 1875 .....	4,180	11	8
Lighting .....	621	17	4	Lighting .....	591	2	9
Repairs of Lamp Columns, Lanterns and Painting .	150	2	1	Repairs of Lamp Columns, Lanterns, Painting, Maintenance of Meters and Governors, &c.....	207	12	3
				Inspector's Salary from September, 1874, to March, 1875 .....	90	0	0
					5,069	6	8
				<i>Less</i> Cash received for Private Lighting .....	24	0	0
					5,045	6	8
				<i>Saving</i> effected under the New System during the first half-year's operation	486	17	1
	£5,532	3	9		£5,532	3	9

Expenditure from January 1st, 1874, to March 31st, 1875, exclusive of Wages, Repairs, &c., from September, which are already set forth in Statement above.

	£	s.	d.
<i>Preliminary Expenses:—</i>			
Inspector's Salary, making Plans, &c., setting out Works, and superintending the fixing Boxes and Meters to September 30th, 1874 .....	67	10	0
Contractors sinking Pits, &c., connecting Meters, and fixing the New Governors.....	255	0	3
<i>Stock and Plant:—</i>			
Meter Boxes, Meters, Governors, Testing Apparatus and Tools .....	1,415	12	10
<i>Tradesmens' Bills:—</i>			
W. Isackè, Stationery, &c. ....	£5	7	0
E. Stacey, Paraffine Oil .....	2	4	6
Morton & Co., Printing Book.....	3	7	6
Skipper & East, Meter Books.....	9	11	0
General Rate Account—Paving... ..	1	1	4
G. Weston, Sundry Payments .....	6	11	4
Silver & Co., Lighters' Coats, &c.. .	23	10	0
		51	12
			8
	£1,789	15	9



It may not, perhaps, be out of place in this Report to give a brief description of the Lamp Meter in use. It is a well-known fact to Gas Engineers and Gas Manufacturers, that ordinary Consumers' Meters of small capacity are very unreliable in their registration when applied to Street Lamps, and should not on any account be used for such purposes, hence the necessity of having a Meter specially constructed, in order that the friction may be reduced to a minimum. In the Meter used scarcely half-a-tenth pressure is absorbed by friction. It must not be expected from this that any Meter will supply Gas for ordinary lighting purposes at this low pressure ; but supposing the pressure on the inlet-pipe to equal a column of water one inch in height, the pressure at which the Gas would be indicated on the outlet pipe, after passing the measuring drum, would be nine-and-a-half-tenths, showing that only half a tenth has been absorbed by friction in working the Meter. This result is arrived at by the increased diameter of the measuring wheel, which is equal to a five-light Meter, and diminished in depth of rim to nearly equal the capacity of a three-light ordinary Meter, and the quantity passed per revolution being  $\cdot 125$  of a cubic foot, or 12 cubic feet per hour. This extra diameter assists in distributing the pressure further away from the central axis, thereby increasing the leverage of the measuring drum, and of course greatly reducing the friction. This class of Meter cannot by any chance be overtaxed, or even worked up to its maximum power, having only one light of five cubic feet per hour to supply, and that controlled by a *governor at the burner*.



The cause of the varying quantities recorded in the Meters after passing through the *governors* to the burners, is due in a great measure to the partial stoppages in the service-pipes belonging to the Company, such as water, defective supply-pipes, naphthaline, &c., as well as different pressures given during the hours of burning, and more especially to the many atmospheric changes that take place during the seasons ; for instance, during sudden variations of temperature, numerous lamps, both metered and un-metered, especially the latter, will have the gas-way so impeded with naphthaline that scarcely three feet of gas per hour will be passing, and in some instances they go out altogether, in consequence of this crystalline substance forming so rapidly in the fittings, thereby causing incessant inconvenience and trouble. So soon as discovered, the lighters have been instructed to remedy the defect by pouring a little paraffine oil through the cocks and stand pipes, which generally has the effect of dissolving this substance.

The following extract respecting Naphthaline is taken from the *Journal of Gas Lighting* of the 22nd December, 1874 :—

“Coal Gas is never produced without the formation of some naphthaline, and the common belief is a true one—that the higher the heat, the greater is the production. It is, in fact, the troublesome accompaniment of poor gas, in the manufacture of which, “*quality* has been sacrificed for *quantity*.” The practical sagacity of gas engineers has taught them how the inconvenience from the presence of this body may be avoided. The chief characteristic of naphthaline

may be said to be its pre-eminent solubility. It is soluble to any extent in liquid hydrocarbons, and its vapour is freely soluble in, and is carried along with, vapours of similar bodies. Thus the art of removing naphthaline consists in the *slow condensation*, whereby the vapours are kept together until at a point of what we may call supersaturation is reached, at which deposition takes place, leaving so much as can be retained in solution by the vapours of benzol, &c., to pass on to the consumer's burner. It is a valuable illuminant, and, therefore, the retention of as much as possible is desirable."

It is generally believed that varying pressures do not affect the working of the regulators ; theoretically it would appear so, but practically it is otherwise, for instance, in testing 12 governors that were formerly in use in this Parish before the introduction of the average Meter system the following results were obtained :—

	At 8/10th pressure.		At 15/10th pressure.
The Average being .....	4·65 Cu. ft.	...	5·04 Cu. ft.
The Maximum ,, .....	5·1 ,,	...	5·7 "
The Minimum ,, .....	3·7 ,,	...	3·5 ,,

Again, in testing 33 governors after three months working, which before being fixed were tested and stamped by the Gas Company's officials as being correct, the following results were obtained :—

	At 8/10th pressure.		At 15/10th pressure.
The Average being .....	4·83 Cu. ft.	...	4·81 Cu. ft.
The Maximum ,, ... ..	5·3 ,,	...	5·4 ,,
The Minimum ,, .....	4·1 ,,	...	4·1 ,,



The following Table will illustrate in detail the varying quantities passed by 30 Governors at three different pressures. These Governors have been working for several months on the *Metered Lamps*—and before using were tested and stamped by the Gas Company's Officials as correct:—

Reference No.	Pressure at		
	7/10th.	8/10th.	15/10th
	Cu. ft.	Cu. ft.	Cu. ft.
10	4.4	4.4	4.2
11	4.6	4.7	4.7
22	4.7	4.8	4.8
24	5.1	5.0	5.1
30	5.2	5.3	5.2
37	5.0	5.2	5.4
48	5.0	5.0	5.1
49	4.9	4.8	4.9
51	4.8	4.8	4.7
53	4.9	4.7	4.7
54	4.5	4.4	4.2
57	5.4	5.4	5.3
63	4.8	5.0	5.0
69	4.5	4.7	5.1
73	5.0	5.3	5.4
80	5.2	5.4	5.3
86	4.7	4.6	4.6
87	4.4	5.0	5.3
88	4.3	4.5	4.4
91	4.9	5.0	5.1
92	4.5	4.6	4.6
93	4.2	4.3	4.1
94	4.9	4.9	5.0
99	4.3	4.7	4.4
109	4.9	5.0	5.1
114	4.4	4.3	4.3
117	4.7	4.9	4.8
119	4.9	4.9	4.9
124	5.1	5.0	5.0
134	4.6	4.4	4.5
Average Consumption } per hour .....	4.76	4.83	4.87
Maximum Consumption } per hour .....	5.4	5.4	5.4
Minimum do. do. ...	4.2	4.3	4.1

Table showing in detail the varying quantities passed by 17 Governors at two different pressures, which have been working many months on *un-metered lamps*.

Reference No.	Pressure at	
	8/10th.	15/10th.
	Cu. ft.	Cu. ft.
1	5·0	4·9
2	5·0	5·0
3	4·1	4·0
4	4·6	4·5
5	5·0	5·0
6	5·1	5·4
7	4·8	4·5
8	4·9	4·8
9	5·0	4·8
10	5·0	4·9
11	4·4	4·8
12	4·5	4·3
13	5·0	4·9
14	4·8	4·7
15	4·7	4·7
16	4·8	4·8
17	4·3	4·2
Average Consumption } per hour .....	4·76	4·71
Maximum Consumption } per hour .....	5·1	5·4
Minimum Consumption } per hour .....	4·1	4·2

With such results, together with the well-established fact that governors, as at present constructed, are very irregular in their action; and as it is known that some allow the passage of Gas to be above, and others below the agreed rate of consumption, by taking the average, something more like accuracy as to the quantity of Gas actually passed can be arrived at (as may be seen by the before-mentioned results), than by assuming that all allow a stated number of cubic feet per hour to pass in a given time, which has been, and is still the practice generally adopted in the Metropolis, and which of course operates very much in favour of the Gas



Company. Such being the case, it is *undeniable* that the consumption and purchase of Gas for all Public Street Lighting ought to be ascertained by Meter Indication, which system corrects and explains many little matters not readily understood by the public.

During the half-year the Gas Company have been served with 201 Notices of defective supplies of Gas through stoppages and water in the service-pipes, all of which were attended to by them. The practice formerly, I am told, was to allow the defects to remain until the lights were greatly diminished or out altogether, and then steps were taken for rectifying such defects.

The accompanying Table contains a total of the number of defective and bad lights that have been reported during the half-year by the lamplighters. The numbers blown out may appear large and require explanation to account for the same. When the lighting and repairs of the Public Lamps were taken in hand by the Vestry, a great number of lantern glasses were found broken, which properly belonged to the Gas Company to repair under their former Agreement; a long time elapsed before they carried out this necessary work. Owing to this delay, and the windy and rainy weather which prevailed during the first three months of the work under the new system many lights were blown out, the majority being extinguished by the intense and continuous frosts; for during inclement weather, Gas will frequently condense, hence the pipes get frozen, and the supply stopped. During the latter end of December, in some Parishes, the frost had affected so many lamps that fire pots had to be placed around the bases of the columns to thaw the fittings.

METERED LAMPS.

	Knocked down and out of Lighting.	Escape in Columns, Defective Stand Pipes.	Out of Lighting.						Cocks turned off in the Night.	Cocks found turned on at Lighting time.	Lights blown or knocked out, and Gas escaping.
			All Night.			Part of Night.					
			Water.	Naphthaline.	Stoppages in Compy's Service.	Water.	Naphthaline.	Stoppages in Compy's Service.			
For 6 Months ending } March, 1875 ... }	1	2	—	7	—	27	27	38	9	2	57

14

SCALE OR UN-METERED LAMPS.

For 6 Months ending } March, 1875 .....	11	65	185	3	116	145	913	269	69	1	633
--	----	----	-----	---	-----	-----	-----	-----	----	---	-----



In working the Average Meter System successfully, it involves the arrangement of many matters, in order to avoid unnecessary expenses, otherwise the success of the scheme would be nullified. When commencing it, it was apparent that certain expenditures could be avoided if the lamplighters were instructed to do the various works of disconnecting and connecting Meters, &c., whenever it was necessary to take them out of the boxes, without employing a gas-fitter, and this work has been allotted to the lighters accordingly. By having the Testing Apparatus at the Vestry Hall, Meters can be taken out of the boxes (with the sanction of the Company's Inspector) and tested as to their correctness. Without this provision, all Meters, when disconnected, would have to be taken to the Official Tester's Office, involving a very serious item of expenditure yearly, and other periodical testings of the governors can also be made.

In concluding this Report, I feel it my duty to the Vestry Clerk, as the promoter of the Average Meter System in this Parish, to acknowledge the deep interest he has taken in this subject, and the assiduous attention and valuable assistance he has given at all times in connection with the furtherance of this arrangement, and also to the Members of the Gas and Water Committee. As a proof of the interest taken in the subject of burning gas by measurement, I may perhaps

mention that many of the Metropolitan Vestries and District Boards have pronounced in favor of the Average Meter System ; and there is every reason to believe that ere long the same will be generally adopted throughout the Metropolis.

I am,

GENTLEMEN,

Your obedient Servant,

GEORGE WESTON,

*Inspector of Public Lighting*

*for the Parish of Paddington.*

June, 1875.



1875.

---

**PADDINGTON,**  
**Middlesex.**

---

**STATEMENT IN ABSTRACT**

OF THE

**Parochial Accounts, Contracts & Liabilities,**

FOR THE YEAR ENDING 25<sup>TH</sup> MARCH, 1875,

WITH THE

**REPORT OF THE AUDITORS THEREON.**

ALSO

**A TABULAR STATEMENT**

OF THE

**PRINCIPAL WORKS EXECUTED**

UNDER THE DIRECTION OF THE

**HIGHWAY AND SANITARY COMMITTEES.**

---

*PRINTED AND PUBLISHED FOR THE INFORMATION OF THE  
RATE-PAYERS.*

---

*By order of the Vestry,*

**FRANK DETHRIDGE,**

*VESTRY CLERK.*

[A] ACCOUNT in ABSTRACT, shewing the RECEIPTS and EXPENDITURE for the PARISH of PADDINGTON, for the year ending 25th March, 1875, under the Act of Receipts and Expenditure, viz. :—

POOR RATE ACCOUNT.

RECEIPTS.	£	s.	d.
Balance in hand brought from last year's Account	9,258	16	1½
Received on account of Rates	89,279	19	5½
" from the Burial Board, pursuant to Sec. 22 of the 15th and 16th Vic. Cap 85 (Metropolitan Burials Act)	2,500	0	0
" " the Receiver of Police for the Metropolitan District, Contribution towards Police Rate, pursuant to the 37th and 38th Vic., Cap. 58.	2,257	18	2
" " Sale of Borough Lists, &c.	0	13	0
	<u>£103,297</u>	<u>6</u>	<u>8½</u>

EXPENDITURE.	£	s.	d.
Guardian Board	29,000	0	0
County Rate	11,217	0	8
Police Rate	20,540	1	9
Metropolitan Common Poor Fund	19,499	14	9
Metropolitan Asylum District Rate	4,688	7	9
West London School District Rate	5,629	8	0
Commissioners for Public Baths and Wash-houses	950	0	0
Salary	20	0	0
Collectors' Commission	1,075	15	5½
Overseers' and Returning Officers' Expenses incurred in preparing Borough and County Lists	260	19	1
Expenses incurred in the Election of Vestrymen and Auditors of Accounts	28	0	6
Jury Lists	50	8	3
Law Expenses	129	8	2
Magistrate's Clerk	4	12	6
Balance in hand	<u>10,203</u>	<u>9</u>	<u>10½</u>
	<u>£103,297</u>	<u>6</u>	<u>8½</u>

LIGHTING RATE ACCOUNT.

Balance in hand brought from last year's Account.	131	11	8½
Received on account of Rates	11,778	19	1½
" " account of other sources	33	17	3
Balance overpaid	554	7	7½
	<u>£12,498</u>	<u>15</u>	<u>9</u>

Lighting	9,853	12	3
Lamp Removals	23	12	4
Lamp Columns and Brackets	52	15	0
Repair of Lamp Columns and Brackets	97	10	2
Wages to Lamplighters	591	2	9
Salary	90	0	0
Commission	120	9	10
Meters, Meter Boxes, and connecting same with Stand Pipes, &c.	1,492	15	8
Maintenance of Meters	6	4	3
Tradesmen's Bills, &c.	170	13	6
	<u>£12,498</u>	<u>15</u>	<u>9</u>

GENERAL RATE ACCOUNT.

Received on account of Rates	51,722	3	0
" from the Metropolitan Board of Works, Contribution towards Carlton Bridge and Approaches	3,500	0	0
" from the National Bank by way of Loan	4,000	0	0
" " the Waywardens of the Edgware Highway Board	580	18	5
" " various Parties for Repair of Roads	516	11	7
" " " for Paving Works	1,248	18	3
" " " for supply of Water to Private Roads	190	15	11
" " the National Bank, Interest on the Vestry General Account	149	7	1
" on account of other sources	218	12	6
	<u>£62,127</u>	<u>6</u>	<u>9½</u>

Balance overpaid from last year's Account	171	16	0
Materials	11,861	16	11
Gully Drains in New Streets	91	8	11
New Water Meters, Stand Pipes, &c.	127	1	4
Maintenance of Water Meters	39	16	11
Street Roller and Road Scraper	46	2	6
Steam Road Roller, and for working same	189	17	6
Wages to Men employed at the Wharf and on the Roads	9,671	0	0
Paving Works	2,192	19	9
Watering Roads	3,639	6	4
Carting and Day Work	1,317	10	0
Cleansing Streets	5,513	6	8
Removing Dust, Ashes and Refuse	1,575	0	0
Balances due to Parishioners on Paving Accounts	195	10	2
Salaries	3,490	15	6
Superannuation Allowance	64	5	0
Rent, Rates and Taxes	390	1	8
Collectors' Commission	553	3	6½
Printing, Books, Stationery, Stamps for Rates, &c.	485	3	8
Law Expenses	363	4	2
Assessment Committee	50	0	0
School Board for London	7,020	7	7
Tradesmen's Bills, &c.	1,396	17	3
Water Vans	396	8	0
Carlton Bridge and Approaches thereto	1,211	10	5
Edgware Road and Praed Street Improvement	4,372	5	2
Petty Disbursements	116	0	6
Gas and Water Rates	33	13	1
National Bank Loan and Interest thereon	4,027	3	6
Alterations and Repairs to Vestry Hall premises	316	2	0
Balance in hand	<u>1,207</u>	<u>12</u>	<u>8½</u>
	<u>£62,127</u>	<u>6</u>	<u>9</u>



*SEWERS ACCOUNT.*

	£	s.	d.
Balance in hand brought from last year's Account.	1,882	1	7 $\frac{1}{4}$
Received on account of Rates .....	4,008	19	7 $\frac{1}{2}$
"    "    of Drain Mouths.....	741	17	4
"    "    of Sewer in Portsdown Road....	39	17	4
"    from other sources .....	65	15	0
	/		
	<u>£6,738</u>	<u>10</u>	<u>10<math>\frac{3}{4}</math></u>

	£	s.	d.
Sewers Jobbing Works .....	3,226	6	0
New Sewers.....	253	3	9
Wages .....	572	0	0
Metropolitan Board of Works.....	38	13	3
Collectors' Commission .....	45	2	5
General Rate Account, for Repair of Roads.....	87	6	10
Tradesmen's Bills, &c. ....	244	5	3
Balance in hand .....	2,271	13	4 $\frac{3}{4}$
	<u>£6,738</u>	<u>10</u>	<u>10<math>\frac{3}{4}</math></u>

*METROPOLITAN CONSOLIDATE ACCOUNT.*

Received on account of Rates .....	17,531	14	0 $\frac{1}{2}$
Balance overpaid .....	462	15	9 $\frac{1}{4}$
	/		
	<u>£17,994</u>	<u>9</u>	<u>9<math>\frac{3}{4}</math></u>

Balance overpaid from last year's Account..	753	11	5 $\frac{1}{2}$
Metropolitan Board of Works .....	17,066	9	0
Collectors' Commission .....	174	9	4 $\frac{1}{2}$
	<u>£17,994</u>	<u>9</u>	<u>9<math>\frac{3}{4}</math></u>

[B] SUMMARY STATEMENT of CONTRACTS entered into by the VESTRY of the PARISH of PADDINGTON, during the year ending on the 31st of March, 1875, namely:—

DATE WHEN ENTERED INTO.	NAME OF CONTRACTOR.	NATURE OF CONTRACT.	PRICE.
4th August, 1874	Mr. Humfress	Examination, testing, and repair and refixing 1,700 (or thereabouts) Cocks, Governors and Valves annually, at	1s. 5d. each.
Ditto	Ditto	Repairing in repair 1,700 (or thereabouts) Lamp Columns, Brackets, Head Irons, Chairs and Lanterns annually, at	2s. each.
Ditto	Ditto	Painting 1,700 (or thereabouts) Lamp Columns, Brackets, Head Irons, Chairs and Lanterns, annually, at	1s. each.
Ditto	Ditto	Painting 140 (or thereabouts) Cast Iron Meter Covers, at	1s. 6d. each.
1st December, 1874	Mr. Studds	Delivered Gravel and Hoggin	3s. per Ton.
Ditto	Ditto	Bed Gravel	3s. 1d. per Ton.
Ditto	Mr. Hobbs	Removing Dust, Ashes and Refuse—A District of the Parish.	The Contractor to receive £550.
Ditto	Mr. Mead	Ditto ditto B District of the Parish.	Ditto £880.
15th December, 1874	Mr. Brock	Watering the Roads, A District of the Parish..	The Contractor to receive 9s. per day for each Man, Horse and Cart, and 9s. per day for Man and Horse with Harness, for Working Water Vans.
Ditto	Mr. Mead	Ditto B District of the Parish..	The Contractor to receive 10s. 6d. per day for each Man, Horse and Cart, and 10s. 6d. per Day for Man, and Horse with Harness, for Working Water Vans.
Ditto	Mr. Brock	Carting Road Scrapings and Street Sweepings—A District of the Parish.	The Contractor to receive £2,900.
Ditto	Mr. Mead	Ditto B District of the Parish.	Ditto £1,480.
Ditto	Mr. Boyer	Carting Materials	9d. per Ton.
Ditto	Ditto	Carting Work	9s. per Day.
Ditto	Ditto	Working Street Roller	36s. per Day for 2 Men and 4 Horses.
Ditto	Ditto	Working Road Scraper	9s. per Day for 1 Man and 1 Horse.
Ditto	Messrs. Mowlem & Co.	Painting Works	As per Schedule of Prices.
2nd March, 1875	Mr. Neave	Painting Jobbing Works	At 52½ per cent. above the detailed Scheduled Prices.
16th March, 1875	Messrs. A. & F. Manuelle	Guernsey Granite	17s. 6d. per Cubic Yard.
Ditto	Ditto	Soft Hill Granite	13s. 10d. ditto.



[C] SUMMARY STATEMENT of MONEYS OWING TOUS and LIABILITIES OWING BY, the VESTRY of the PARISH of PADDINGTON, on the 25th of March, 1875, viz. :—

	£	s.	d.
Balance in Treasurer's hands on "General Account" ..	12,665	12	7
Outstanding Rates, as nearly as can be ascertained....	11,325	6	1
<hr/>			
	£23,990	18	8

	£	s.	d.
Guardian Board .....	5,000	0	0
Metropolitan Common Poor Fund.....	9,785	3	1
Salaries .....	849	0	0
Collectors' Commission .....	417	8	2
Rent of Wharf.....	86	15	5
Superannuation Allowance .....	45	0	0
Sundries .....	26	13	11
<hr/>			
	£16,210	0	7

We, the undersigned, being the Auditors appointed under the provisions of the "Metropolis Local Management Acts," for the purpose of auditing the Accounts of the Vestry of the Parish of Paddington, do state that we have audited and allowed the Accounts of the said Vestry for the year ending 25th March, 1875, of which the foregoing Account marked [A] is an Abstract. And we state that the several Contracts entered into by such Vestry during the year ending 25th March, 1875, are specified in the foregoing statement of such Contracts marked [B]. And that the Moneys owing to, and the Debts and Liabilities owing and incurred by such Vestry respectively, are specified in the foregoing Statement of such Credits, Debts, and Liabilities respectively marked [C]. And we further wish to state that the manner in which the Accounts are kept have met with our entire approbation. And we beg to thank Mr. Dethridge, the Vestry Clerk, for the able and courteous assistance he has rendered us during the investigation.

Dated this 8th day of June, 1875.

HENRY M. BROWN,  
JOHN REID,  
GEORGE KNECHT,  
GEORGE HEWITT, } *Auditors.*

	Original Debt.	Rate of Interest.	Paid off this year.	Total paid off.	Remaining unpaid.
House Debt....	25,500	4 per Cent.	450	24,600	900
o. (further).	4,500		150	900	3,600
o. ( do. ).	4,500	4½ „	166 : 13 : 4	833 : 6 : 8	3,666 : 13 : 4
o. ( do. ).	8,000	£ 4 9s. per Cent.	—	—	8,000
Commissioners for Public Baths and Wash-houses ..	48,500	£ 4 9s. do.	—	—	48,500

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the HIGHWAY DEPARTMENT, for the Year ending 25th March, 1875.**

New Streets taken to.			Streets paved under the Metropolis Local Management Acts.			Granite Crossings laid down.			Old Footways repaved.			Mews repaved.		
MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.
—	5	82	—	2	134	—	—	100	—	4	189	—	—	93

MILES. FUR. YDS.  
Total length of Parish Roads . . . . . 42 4 123

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the SEWERS DEPARTMENT, for the year ending 25th March, 1875.**

New Brick & Pipe Sewers constructed at the expense of private parties.	Air Shafts & Openings constructed at the expense of		Number of Gulleys		Number of side Entrances constructed at the expense of		Cleansing Sewers.
	Private parties	the Vestry	Constructed and Reconstructed.	Repaired.	Private parties	the Vestry	
FEET. 882	3	31	182	41	1	25	CUBIC YDS. OF HEAVY DEPOSITS REMOVED. 150
Number of Drains constructed to New Houses, Stables, &c.	Total length of Drain-Pipe laid to New Houses and Stables and under Footpath and Roadway.		Number of House Drains re-constructed under Footpath & Roadway.		Number of Complaints received and attended to.		Traps fixed to House and Gulley Drains.
140	MILE. 2	FUR. 3	YARDS. 186	94	157	387	



**TABULAR STATEMENT OF INSPECTIONS reported and WORKS OF HOUSE IMPROVEMENT**  
 completed under the Orders of the Sanitary Committee, for the Year ending  
 25th March, 1875.

	{	Houses inspected with reference to their Sanitary condition .	5,917
	{	Works executed .....	1,340
I. Systematic Inspections.	{	Slaughter-houses under inspection during the year .....	26
	{	Cow-houses ditto ditto .....	14
	{	Bake-houses ditto ditto .....	83
	{	Urinals and Urinal Nuisances under Inspection .....	60
II. Inspections consequent on Complaints.....	{	Houses or other Premises visited .....	732
	{	<u>Works executed</u> .....	632

The above Statement does not include the Premises and Places inspected as to the execution of the 22nd, 27th, and 35th Sections of the "Sanitary Act, 1866," and "The Diseases Prevention Act, 1855," nor Vaccination Inspections which have since 1868 been entrusted to the Board of Guardians.

# REPORT

ON THE

## HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

### LADY-DAY 1874,

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.*

*Estimated Population.....103,084*

St. Mary's .... 64,606.    St. John's .... 38,478

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from  
December 27th, 1873, to March 28th, 1874.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.		Mean Temper.
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	
Jan. 3 .....	40	31	14	19	54	50	36.1
" 10 .....	38	28	15	19	53	47	40.0
" 17 .....	33	25	18	20	51	45	41.6
" 24 .....	38	27	23	18	61	45	43.6
" 31 .....	35	16	16	12	51	28	41.1
Feb. 7 .....	41	24	11	13	52	37	36.5
" 14 .....	45	25	14	16	59	41	36.3
" 21 .....	54	32	22	25	76	57	40.0
" 28 .....	48	38	25	21	73	59	42.2
March 7 .....	53	23	13	17	66	40	41.6
" 14 .....	41	23	12	11	53	34	35.7
" 21 .....	56	26	16	21	72	47	46.5
" 28 .....	41	28	17	9	58	37	48.2
<b>TOTAL .....</b>	<b>563</b>	<b>346</b>	<b>216</b>	<b>221</b>	<b>779</b>	<b>567</b>	

The deaths are rather more than usual this quarter. The death rate is 22 per 1000 of the living population, 21.1 in St. Mary's, 22.9 in St. John's, including the Hospital and Work-house mortality in each district. The 106 deaths in public institutions are 19 per cent. nearly, or 1 in 5 of the total deaths. The births are nearly 200 in excess of the deaths of the quarter; the birth-rate is 30.2 per 1000 of the population, that is, about 3,000 infants are born in the parish annually, and registered.



The number of still-born children is unknown. There are 95 deaths in the class of zymotic diseases—half being measles—which was the epidemic of the season and carried off 46 young children. Its severity was influenced by the cold weather. The chest and tubercular diseases are very high—the extreme cold and great fog of December left traces of their effects for the several weeks following.

The fever cases are a very mixed group, and include rheumatic fevers, puerperal fevers, with typhoid.

The deaths in young children are, as usual, very high—372 of total deaths, far too high, indicating some grave fault somewhere—84 young children were taken off by measles, whooping cough and bronchitis, no doubt, deaths all accelerated by undue exposure to cold while suffering from attacks of these complaints; 86 more deaths are from the consumption class (always high during the winter months); 29 deaths were from violence or accidental; 3 from suicide; and 3 from infanticide; these latter by person or persons unknown, who are thereby guilty of wilful murder of newly-born infants. 53 inquests were held during the quarter, and 2 bodies were brought to the Mortuary or Dead-house of St. Mary's Churchyard. The fever ambulance was only used 5 times.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES, from December 27th, 1873, to March 28th, 1874.

Weeks ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.	Inquests.	Workhouses.	St. Mary's Hospital.	Lock Hospital
Jan. 3	...	2	...	...	2	1	...	2	...	10	9	19	5	50	9	5	7	1
" 10	...	7	...	...	...	21	...	1	...	7	10	17	3	47	8	3	8	1
" 17	...	...	...	...	21	32	...	...	...	5	11	21	3	45	4	6	10	...
" 24	...	3	...	...	1	...	2	...	...	5	10	22	2	45	3	4	6	...
" 31	...	4	...	...	1	...	1	1	...	4	7	10	..	28	1	1	5	...
Feb. 7	...	...	...	...	1	15	...	...	...	8	11	13	3	37	3	2	2	...
" 14	...	2	1	...	1	11	13	...	...	9	11	14	1	41	3	2	5	...
" 21	...	5	...	1	...	...	2	1	..	8	12	27	1	57	4	1	5	...
" 28	...	95	...	2	3	514 <sup>2</sup>	...	..	...	9	4	25	2	59	3	4	4	..
March 7	...	3	...	...	...	...	...	...	..	6	10	19	2	40	4	2	5	...
" 14	...	2	1	...	2	...	...	...	...	4	9	14	2	34	3	5	1	...
" 21	...	5	...	...	2	...	...	...	...	6	10	23	1	47	3	6	3	...
" 28	1	4	...	...	1	15	...	1	...	11	9	5	4	37	5	5	1	...
TOTAL	1	46	2	3	16	14	6	6	...	92	123	229	29	567	53	46	62	2

1. Rheu. Fever. 2. Puer. Fever. 3. Erysip., with Pneu. 4. Contd. Fever. 5. Typhoid Fever.







TABLE IV.

## SUMMARY OF SANITARY WORK, Quarter ending March 28th, 1874.

I.—Inspections consequent on Nuisances and Complaints, Offensive and Injurious Trades, inspection of cases of Contagious Diseases.	{	Inspections of Offensive Trades, Marine Stores, &c. ..	48
		"    Of Manure and Dust Wharves .....	26
		"    Cow-houses .....	12
		"    Slaughter-houses .....	8
		"    Bake-houses .....	6
		"    Mortuary or Dead-house almost daily ..	—
		"    Provision Markets every Saturday. ....	13
		"    Churches, Chapels, Schools, Factories, } Work - rooms and other Public } Institutions .....	18
		"    Contagious Diseases investigated .....	
		"    Fever and Small-Pox Conveyance used times	5
		Orders issued for Sanitary Works .....	109
Works done .....	97		
INSPECTORS.			
II.—Systematic Sanitary Inspection of Dwellings, Mews and Stables.	{	Houses and Premises visited and inspected .....	1867
		Re-inspections .....	840
		Orders issued for Sanitary Works (15 Formal Orders of the Vestry) including disinfection of Rooms, &c.	249
		Works executed .....	99
Works in progress .....	180		
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances .....	60
		Summonses .....	12
		For obtaining Summonses .....	10
		"    hearing .....	2
		Letters written and received .....	124

*Nuisances and Complaints investigated during the Quarter ending March 31st, 1874.*

The register of 154 cases, admits of the following classification:—

Defects of drainage and untrapped gulleys.	48
"    "    water supply .....	2
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c. ....	28
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, and fruit .....	3
Overcrowding and bad ventilation .....	5
Smoke nuisances .....	1
Animals being dirtily kept, and noises from.	5
Smells from the Canal Basin .....	—
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c. ....	20
Smells, offensive .....	15
Defective scavenging and watering of Roadways .....	4
Dangerous Structures and Places unfit .....	2
Miscellaneous, and complaints of Epidemic diseases, &c....	21
TOTAL	154



TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending March 28th, 1874.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital . . . . .	..	..	..	1	..	3	2	..	5	6	13	30	60
Paddington Workhouse . . . . .	..	..	..	..	..	1	..	..	8	17	3	17	46
Lock Hospital . . . . .	..	..	..	..	..	..	..	..	1	..	..	1	2
Praed Street, including (1) . . . . .	..	11	..	..	1	..	..	..	3	13	3	12	43
Harrow Road & N. W. Road (2) ..	..	1	..	..	2	1	1	..	7	5	2	9	28
Hall Park District (3) . . . . .	..	2	..	..	3	1	..	1	6	5	..	7	25
Amberly Road District (4) . . . . .	..	3	..	..	2	..	..	1	7	3	..	12	28
Kilburn District (5) . . . . .	..	1	..	..	..	..	..	..	5	5	2	9	22
Clarendon Street, 107 h., 1788 p. . .	..	3	..	..	..	..	..	..	3	2	..	7	15
Woodchester Street, 95 h., 1427 p. .	..	..	..	..	..	..	..	..	5	6	..	6	17
Cirencester Street, 97 h., 1511 p. .	1	1	1	..	..	..	..	..	4	4	..	5	16
Westbourne Park District (6) . . . .	..	3	1	..	2	..	2	..	4	8	1	22	43
Hampden Street, &c. (7) . . . . .	..	1	..	1	2	..	..	1	5	4	1	7	22
Westbourne Terrace North, &c. (8) ..	..	4	..	1	1	2	..	1	2	3	..	8	22
Woodfield Road, &c. (9) . . . . .	..	5	..	..	..	2	1	1	4	5	..	5	23
Moscow Road, Salem Gardens, &c. (10)	..	2	..	..	1	..	..	..	4	8	1	8	24
Squares and Mansions (11) . . . . .	..	1	..	..	..	1	..	..	5	9	..	22	38
Mews and Stables (12) . . . . .	..	3	..	..	..	..	..	..	6	5	1	8	23
Other Places, including (13) . . . . .	..	5	..	..	2	3	..	1	8	15	2	34	70
TOTAL . . . . .	1	46	2	3	16	14	6	6	92	123	29	229	567

- |   |                            |
|---|----------------------------|
| [1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Newland Row, Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row, James-Pl. and Katherine-Pl. . . . .   | } Population in 1871. 3223 |
| [2.] Margaret, Romily & Wellington-Ter, Church-Pl., Hermitage-St, Dudley-St., Kent's-Pl., Willing's-Pl., Victoria & Albert-St., Green-St., North Wharf Road, Iron Gate Wh.-Rd., White Lion Place and Passage, Alfred Place, Vine Cottages . . . . .   |                            |
| [3.] Hall-Pl. & Park, Hall-Pl. West, Cuthbert-St., Howell-St., Charlotte-Pl., Church-St., Crompton-St, Braithwaite-Pl., Campbell-St., Hethpool-St, Hero-Pl., Edgware-Pl. . . . .  | } 3238                     |
| [4.] Netley-St., Amberly Whar. Rd. & Mews, Formosa-St., Brandon-St, Vale-Ter., Shirland-Rd., Pindock Mews, Bristol Mews & Elnathan Mews . . . . .   |                            |
| [5.] Andover-Pl., Kilburn Park-Rd., Queen's Arms Yard, Elgin-Ter., Maida Vale, Carlton-Pl., Canterbury-Ter., Clarendon-Ter. & Road, Lanark-Pl. & Villas, Elgin-Rd., Portsdown-Pl. and Mews . . . . .  | } 3950                     |
| [6.] Westbourne Park District ; 54 Streets and Mews adjoining . . . . .   |                            |
| [7.] Brindley-St., Alfred-Rd. & Pl., Orchard-St., Waverly-Ter. Waverly-Rd., Desboro'-Ter., & Pl. (197) Jonson's Mews . . . . .  | } 2474                     |
| [8.] Senior-St., Emily-St., Philip-Ter., Dartington-Ter., Hasboro'-St., Ranelagh-Rd., Westbury-Ter. & Rd., Cottage-Rd., Westbourne Park-Cres. & Bury-Ter.   |                            |
| [9.] Woodfield-Pl., Rd., Cottages & Ter., Windsor Gardens-Pl. & St, John-St., Chippenham-Ter. and Rd., Frankfort-Ter., Streets in Kensal New Town, Carlton-Ter., Goldney-Rd. & Edbroke-Rd. . . . .  | } 2864                     |
| [10.] Queen's-Rd., Douglas-Pl., Caroline-Pl. & Mews, Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Vincent-Pl., Salem-Gards. & Rd. & Cresc. . . . .   |                            |
| [11.] Gloucester-Pl., Sq., Ter., Porchester-Ter., & Sq., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Gard., Ter., Inverness-Ter., Queensboro'-Ter., Kensington-Palace-Gardens and Kensington-Gards.-Sq., The-Terrace, Kensington-Gar.-Sq., Kensington-Gar.-Ter., Cleveland-Ter., Sq., & Gards., Sussex-Gards, Westbourne-St., Cres. & Ter., Leinster-Sq. & Gardens, Princes-Sq., Queen's Gardens, Connaught-Sq. & Pl., Stanhope-Pl. & Ter. . . . . | } 12552                    |
| [12.] Mews adjoining and behind Squares & Mansions above mentioned . . . . .  |                            |
| [13.] Other Houses, Streets & Mews not included in any of the above groups . . . . .  | } 4069                     |
|   |                            |
|   | } 4796                     |
|   |                            |
|   | } 2691                     |
|   |                            |
|   | } 3804                     |
|   |                            |
|   | } 3252                     |
|   |                            |
|   | } 14088                    |
|   |                            |
|   | } 2211                     |
|   |                            |
|   | } 33671                    |
|   |                            |



*Systematic Sanitary Inspection.*

The Systematic Sanitary Inspection of the following group of streets and places with their population, has been completed up to the last quarter by Inspector C. J. Biorn. They are named respectively, Kilburn District, and the Amberley Road District.

TABLE VI.

Streets and Places.		No. of Population at Census 1871.				No. of Families living in Single Rooms.	No of Rooms Inspected.
		Houses.	Males.	Females.	TOTAL.		
Kilburn District.	Lanark Place and Mews . . . . .	21	46	31	77	—	44
	Clarendon Terrace . . . . .	16	84	101	185	7	128
	Canterbury Road or Mews . . . . .	11	40	39	79	10	57
	"    Terrace . . . . .	21	92	106	198	6	204
	Elgin Terrace . . . . .	49	287	309	596	38	480
	Andover-Pl. & Carlton-Pl. . . . .	20	114	93	207	15	97
Portsdown Place . . . . .	6	24	19	43	3	25	
Amberley District.	Amberley Road . . . . .	72	551	585	1136	137	679
	Netley Street . . . . .	21	172	185	357	51	194
	Shirland Road . . . . .	41	153	237	390	—	—
	Formosa Street . . . . .	37	92	390	482	13	299
	Goldney Road . . . . .	51	291	312	603	25	700
	Chippenham Terrace . . . . .	48	185	218	403	7	506
TOTALS . . . . .							

Nearly the whole of the streets and houses of the two districts above enumerated, are newly-built-on ground, which a few years since was open fields. The 270 houses in Amberley Road district had a population of 3130 at the census in 1871, but many have been added since ; and a new neighbourhood has sprung up within the last 6 years. With the exception of Chippenham, Bristol, Elnathan, Amberley and other mews in this District, not included at present in the work of systematic inspection—the streets are wide, the houses have 8 rooms, and are well drained, but there is in them unfortunately a very large element of pauper population, particularly in Netley Street and Amberley Road, gradually extending to Shirland Road, Edbrook Road, and into the adjoining mews. The melancholy fact, shewn upon the records of inspection, Table VI., that 312 families are living in single rooms in these two districts, indicates the



class of persons we have to deal with, and the probability of finding occasional overcrowding, with high rates of mortality, and a predomination of death amongst young children.

The benefit which accrues from regular sanitary inspection is shown by the discovery of instances, such as the following :—

In a room having only 900 cubic feet, the Inspector reports—a widow with 5 children, aged 17, 15, 13, 11 and 9 respectively ; the landlord was served with a Notice to abate overcrowding. Where is she to go to better herself is the question ? Builders intended these houses at first for one respectable family, but such as Andover Place and Carlton Place, in violation of common sense and decency, they are let out in tenements and single rooms, without those essential conditions of a dwelling, which landlords should be compelled in all instances to provide.

There are indeed very few houses let out in separate holdings but what are deficient in respect to cubic space, ventilation and all needful appliances for washing and drying of linen, for the reception of food and fuel, for speedy removal of refuse, slop water, dust, &c., matters, which if neglected for a very short time, pollute the air, and engender disease.

There is yet in reality no law to prevent the creation of unhealthy districts as long as five or six families are allowed to live in one house intended for a single family. It would be a blessing, and great economy in the long-run, to make conditions of structural fitness for all houses intended to be occupied by more than one family. Houses should be built with reference to the future health of the people who will have to live in them. It will cost dear to this parish to maintain the poor population that infest the tenement houses here referred to, and now, while the fields are open and still unbuilt upon, it would be worth the attempt to overcome the destructive influences likely to be established in building of tenement dwellings as the population gathers in this and other neighbourhoods. They will some day be hives of pauperism ; where many of the children must be blighted, or grow up with such feeble constitutions, that they become ineffective and unprofitable members of the community.

---



The following Reports and Pamphlets on Public Health have been received with thanks:—

- Traité pratique du Chauffage, et de la Ventilation, et de la distribution des eaux dans les habitations, &c., par C. V. Joly.
- On the profitable utilization of Town Refuse, by G. F. Chantrell, of the Charcoal and Sewage Company (Limited).
- Sewage utilization in combination with surface irrigation, intermittent filtration or separately, by J. B. Denton, Esq.
- The Lime and Cement process of Sewage utilization of Major-General H. Y. D. Scott, C.B.
- Intermittent filtration through natural soil; description of the works at MerthyrTydfil.
- Catalogue of the Appliances for the economical consumption of Fuel at the Exhibition at Peel Park, Manchester.
- On Hospitals, Cottage Hospitals, and Ventilation, by Charles Shrimpton, M.D.
- Milk, its supply and adulteration, by Dr. Voelcker—March, 1874.—On the Ventilation of Schools, Hospitals, Law Courts and Public Buildings, by George Ross, M.D.
- Typhoid Fever and Sanitary administration, by L. M. Fox, Esq.
- Dr. Lankester's plain rules for the Management of Infants.
- Report of the Dwelling Committee of the Charity Organization Society, March, 1873.
- Infant Mortality, by John S. Parry, M.D. Work and Play, by Russel Holmes, M.D.
- What will Philadelphia do for its Paupers? by Isaac Ray, M.D., &c.
- Report of the Health of Liverpool, by W. S. Trench, M.D., &c.; of Whitechapel, by Mr. John Liddle; of Mile End Old Town, by M. Corner, M.D.; of the Thames Shipping Committee, by Harry Leech, M.D.

*Printed Reports of the Medical Officer of Health on the Vital Statistics and Health of the Parish of Paddington, &c.*

- Annual Reports for 1868-69-70-71-72-73.
- Quarterly Reports and Statistical Returns—No. 1 to 26.
- Report on the Pollution of the Water and the cleansing of the Canal Basin—1868.
- Report on the means of carrying out Disinfection in an adequate and effectual manner in the Parish—1869.
- Report on the erection of a Public Mortuary in the Parish, and upon the Management thereof—1867.
- Practical Sanitary Hints as to the best measures for preventing the spread of the catching or epidemic diseases.
- First, Second, Third and Fourth Quarterly Reports as Public Analyst, and of Proceedings under the Food Adulteration Act of 1872.
- First, (Second, not printed) and Third Report on the Condition of Sewers in the Parish, and causes of Nuisances therein, with recommendations for their removal.

---

Report and Catalogue of Sanitary Articles exhibited at Leeds in 1871, prepared by Dr. Hardwicke. Also of the Sanitary and Educational Exhibition at Norwich in October, 1873.

# REPORT

ON THE

## HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

### MIDSUMMER 1874,

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.*

*Estimated Population*.....103,609

St. Mary's .... 65,098. St. John's .... 38,511

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS FROM  
March 28th, to June 28th, 1874.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.		Mean Temper.
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	
April 4 .....	42	29	10	22	52	51	48.1
" 11 .....	33	25	17	13	50	38	45.1
" 18 .....	46	27	9	11	55	38	47.1
" 25 .....	37	24	16	8	53	32	57.6
May 2 .....	52	21	21	10	73	31	50.6
" 9 .....	27	35	15	6	42	41	44.2
" 16 .....	43	10	22	11	65	21	46.6
" 23 .....	45	18	16	8	61	26	51.6
" 30 .....	35	21	14	9	49	30	59.5
June 6 .....	25	40	19	15	44	55	63.3
" 13 .....	33	16	18	12	51	28	57.1
" 20 .....	38	24	7	13	45	37	53.7
" 27 .....	50	21	19	13	69	34	57.4
<b>TOTAL</b> .....	<b>509</b>	<b>311</b>	<b>203</b>	<b>151</b>	<b>709</b>	<b>462</b>	<b>52.4</b>

During the last quarter the births registered were 709, the deaths 462, being at a rate of 27.3 and 17.8 per 1,000 respectively of the estimated population. Zymotic diseases formed 14.3 per cent. of the 462 deaths; 19.6 of the total deaths were in public institutions, that is, 91 deaths in St. Mary's Hospital and the Workhouse.



The deaths from measles were still very high, as well as of whooping cough; a few cases of scarlet fever begin to show themselves; out of the 7 deaths under fever, one was puerperal, one from blood poisoning, and one from bilious fever. Upon the whole the quarter was an extremely healthy one. The mean temperature being favorable. The deaths of the corresponding quarter for 5 previous years\* slightly exceed this quarter, yet 10,000 persons have been added to the population of the Parish.

There is a growing improvement in the condition of certain portions of the population, which is also manifest from personal observation of those who are well acquainted with some of the worst streets of the Parish. There has been much work done by the Poor Law Officials, and through the medium of the Charity Organization Committee to sustain a large proportion of the indigent population, and to prevent the squalid misery that seeks refuge in streets where the homes of the poor are not under the same strict supervision as in this Parish.

* 1870.	1871.	1872.	1873.	1874.
—	—	—	—	—
458	464	464	476	462

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES, from March 28th, to June 28th, 1874.

Weeks ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Group.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.	Inquests.	Workhouses.	St. Mary's Hospital.	Lock Hospital.
April 4	...	1	...	1	..	..	..	..	..	12	12	25	..	51	..	3	6	..
" 11	...	3	...	..	2	1	..	1	..	12	6	11	2	38	6	3	6	..
" 18	...	3	...	..	2	..	..	..	..	9	6	15	3	38	2	4	5	1
" 25	...	2	...	..	1	..	..	1	..	6	8	13	1	32	..	3	2	..
May 2	...	2	1	..	3	2	..	1	..	6	7	8	1	31	1	3	5	..
" 9	...	1	1	2	3	1	2	..	..	9	7	14	1	41	1	2	1	..
" 16	...	2	..	1	..	1	..	..	..	3	4	9	1	21	1	..	5	..
" 23	...	..	..	2	..	1	..	1	..	7	2	12	1	26	1	5	4	..
" 30	...	1	2	..	..	..	1	2	..	8	2	13	1	30	..	2	2	..
June 6	...	3	..	1	..	..	..	..	..	5	6	36	4	55	6	4	4	..
" 13	...	1	..	..	..	..	..	1	..	1	5	18	2	28	4	1	5	1
" 20	...	..	..	..	..	1	..	3	..	5	7	20	1	37	2	4	4	..
" 27	...	..	..	..	2	..	..	2	..	11	5	14	..	34	2	4	2	..
TOTAL	...	19	4(1)	7(2)	13	7(3)	3	12	..	94	77	208	18	462	26	38	51	2

(1) Desboro'-Pl., Britannia-Ter. (2) 91 Harrow-Rd., & 57 Westbourne Grove, 42, Shirland Road.  
 „ Craven Hill, 8, Carlton Road. (3) including Bilious Fever, Puerperal Fever 2, Sceptisemia 1.



TABLE III.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending  
June 28th, 1874.

Causes of Death.	Ages.						Total.	Causes of Death.	Ages.						Total.								
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above			Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above.									
<b>I. ZYMOTIC</b>								<b>Brought forward ....</b>								134	23	60	57	55	13	342	
<b>Order 1—MIASMATIC.</b>								<b>Order 4—ORGANS OF DIGESTION.</b>															
Small Pox .....	..	..	..	..	..	..	..	Malignant Dis. of Stom. ....	..	..	..	3	3	..	..	..	6						
Measles .....	18	..	..	..	1	..	19	Constipation .....	..	..	2	..	..	..	..	..	2						
Scarletina .....	..	..	..	..	..	..	4	Gastritis .....	..	..	..	..	..	..	..	..	..						
Diphtheria, Tonsillitis ..	..	2	1	..	..	..	5	Enteritis .....	1	..	..	..	..	..	..	..	1						
Croup .....	..	..	..	..	..	..	2	Peritonitis .....	..	3	4	..	1	..	..	8							
Whooping Cough .....	11	1	..	1	..	..	13	Ulceration of Pylorus ..	..	..	..	..	..	..	..	..							
Fever .....	..	..	..	..	..	..	..	Disease of Stomach.....	..	1	1	..	..	..	..	2							
Acute Rheumatism, } Fever, Septicæmia }	..	3	3	..	..	..	6	Disease of Intestines ...	..	1	1	..	..	..	..	2							
Erysipelas and Pyæmia .	1	..	1	1	..	..	3	Hernia .....	1	..	1	3	1	..	..	6							
Metria (Puerperal Fever) ..	..	..	1	..	..	..	1	Cirrosis .....	..	..	1	1	1	..	..	3							
Dysentery .....	..	..	1	..	..	..	1	Icterus—Gall Stone .....	..	..	..	2	1	1	..	4							
Diarrhœa .....	11	..	1	..	..	..	12	Cancer of Rectum .....	..	..	..	..	..	..	..	..							
Cholera.....	..	..	..	..	..	..	..	Disease of Liver.....	..	1	..	3	2	..	..	6							
<b>Order 2—ENTHETIC.</b>								<b>Order 5—URINARY ORGANS.</b>															
Syphilis .....	6	..	..	..	..	..	6	Bright's Disease .....	..	..	..	..	3	..	..	3							
<b>Order 3—DIETIC.</b>								<b>Order 6—UTERUS AND OVARIES.</b>															
Want of Breast Milk ..	..	..	..	..	..	..	..	Disease of Ovaries ..	..	..	1	1	..	..	..	2							
Hæmorrhage.....	..	..	..	1	..	..	1	Ovarian Dropsy.....	..	..	..	..	..	..	..	..							
Alcoholism:—	..	..	..	..	..	..	..	„ Tumour .....	..	..	..	1	1	..	..	2							
a. Del. Tremens ..	..	..	..	..	..	..	..	Cancer of Uterus .....	..	..	..	1	1	..	..	1							
b. Intemperance ..	..	..	..	..	..	..	..	<b>Order 7—ORGANS OF LOCOMOTION.</b>															
Lead Poisoning .....	..	..	..	..	..	..	..	Disease of Bones.....	..	..	..	1	2	..	..	3							
<b>Order 4—PARASITIC.</b>								<b>Order 8—INTEGUMENT.</b>															
Thrush .....	..	..	..	..	..	..	..	Phlegmon .....	..	..	1	..	..	..	..	1							
<b>. CONSTITUTIONAL.</b>								<b>Order 9—ORGANS OF VISION.</b>															
<b>Order 1 - DIATHETIC</b>								<b>Order 10—ORGANS OF HEARING.</b>															
Gout .....	..	..	..	1	..	..	1	Disease of Ovaries ..	..	..	..	..	..	..	..	..							
Dropsy .....	..	..	..	2	2	..	4	Ovarian Dropsy.....	..	..	..	..	..	..	..	..							
Cancer .....	..	..	..	3	1	1	5	„ Tumour .....	..	..	..	1	1	..	..	2							
Hæmorrhage .....	..	..	..	..	..	..	..	Cancer of Uterus .....	..	..	..	1	1	..	..	1							
<b>Order 2 - TUBERCULAR</b>								<b>Order 11—ORGANS OF TOUCH.</b>															
Scrofula .....	2	2	..	..	..	..	4	Disease of Ovaries ..	..	..	1	1	..	..	..	2							
Tabes Mesenterica.....	18	1	..	..	..	..	19	Ovarian Dropsy.....	..	..	..	..	..	..	..	..							
Consumption .....	3	5	30	15	3	..	56	„ Tumour .....	..	..	..	1	1	..	..	2							
Hydrocephalus and } Scrof. Meningitis }	12	1	..	..	..	..	13	Cancer of Uterus .....	..	..	..	1	1	..	..	1							
<b>III. LOCAL.</b>								<b>Order 12—ORGANS OF TASTE.</b>															
<b>Ord. 1.—NERVOUS SYSTEM</b>								<b>Order 13—ORGANS OF SMELL.</b>															
Apoplexy .....	..	..	..	3	6	1	10	Disease of Ovaries ..	..	..	..	..	..	..	..	..							
Paralysis .....	..	..	1	1	6	3	11	Ovarian Dropsy.....	..	..	..	..	..	..	..	..							
Epilepsy .....	..	1	1	1	1	..	4	„ Tumour .....	..	..	..	1	1	..	..	2							
Convulsions .....	14	..	..	..	..	..	14	Cancer of Uterus .....	..	..	..	1	1	..	..	1							
Effus of Serum & Blood } on Brain.....	2	..	..	2	..	..	4	<b>Order 14—ORGANS OF TASTE.</b>															
Tetanus .....	..	..	..	..	..	..	..	<b>Order 15—ORGANS OF TASTE.</b>															
Other Diseases.....	1	2	1	..	3	..	7	<b>Order 16—ORGANS OF TASTE.</b>															
<b>Order 2—ORGANS OF CIRCULATION.</b>								<b>Order 17—ORGANS OF TASTE.</b>															
Pericarditis .....	..	1	..	1	..	..	2	<b>Order 18—ORGANS OF TASTE.</b>															
Embolism .....	..	..	..	1	..	..	1	<b>Order 19—ORGANS OF TASTE.</b>															
Aneurism, &c.....	..	..	1	1	1	..	3	<b>Order 20—ORGANS OF TASTE.</b>															
Fatty Heart .....	..	..	..	2	1	..	3	<b>Order 21—ORGANS OF TASTE.</b>															
Disease of Heart .....	..	2	3	2	9	2	18	<b>Order 22—ORGANS OF TASTE.</b>															
Spasm of Heart .....	..	..	..	..	1	..	1	<b>Order 23—ORGANS OF TASTE.</b>															
<b>Order 3—ORGANS OF RESPIRATION.</b>								<b>Order 24—ORGANS OF TASTE.</b>															
Laryngitis .....	4	..	..	..	..	..	4	<b>Order 25—ORGANS OF TASTE.</b>															
Laryngismus .....	2	..	..	..	..	..	2	<b>Order 26—ORGANS OF TASTE.</b>															
Bronchitis .....	14	..	4	8	14	4	44	<b>Order 27—ORGANS OF TASTE.</b>															
Pleurisy, &c.....	..	..	..	2	..	..	2	<b>Order 28—ORGANS OF TASTE.</b>															
Pneumonia .....	8	..	9	9	4	1	31	<b>Order 29—ORGANS OF TASTE.</b>															
Asthma .....	..	..	..	2	1	..	3	<b>Order 30—ORGANS OF TASTE.</b>															
Influenza .....	..	..	3	..	..	..	3	<b>Order 31—ORGANS OF TASTE.</b>															
Pulmonary Congestion ..	1	..	3	..	..	..	4	<b>Order 32—ORGANS OF TASTE.</b>															
Other Diseases .....	..	..	..	..	..	..	..	<b>Order 33—ORGANS OF TASTE.</b>															
Carried forward ....	134	23	60	57	55	13	342	<b>TOTALS .....</b>								161	38	71	87	84	21	462	



TABLE IV.

## SUMMARY OF SANITARY WORK, Quarter ending June 28th, 1874.

I.—Inspections consequent on Nuisances and Complaints, Offensive and Injurious Trades, inspection of cases of Contagious Diseases.	{	Inspections of Offensive Trades, Marine Stores, &c. . . . .	48
		"    Of Manure and Dust Wharves . . . . .	26
		"    Cow-houses . . . . .	12
		"    Slaughter-houses . . . . .	8
		"    Bake-houses . . . . .	6
		"    Mortuary or Dead-house almost daily . . . . .	—
		"    Provision Markets every Saturday . . . . .	13
		"    Churches, Chapels, Schools, Factories, Work - rooms and other Public Institutions . . . . .	18
		"    Contagious Diseases investigated . . . . .	18
		"    Fever and Small-Pox Conveyance used times 5	5
		Orders issued for Sanitary Works . . . . .	109
Works done . . . . .	97		
INSPECTORS.			
II.—Systematic Sanitary Inspection of Dwellings, Mews and Stables.	{	Houses and Premises visited and inspected . . . . .	1867
		Re-inspections . . . . .	840
		Orders issued for Sanitary Works (15 Formal Orders of the Vestry) including disinfection of Rooms, &c. . . . .	249
		Works executed . . . . .	99
Works in progress . . . . .	180		
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances . . . . .	60
		Summonses . . . . .	12
		For obtaining Summonses . . . . .	10
		"    hearing . . . . .	2
		Letters written and received . . . . .	124

*Nuisances and Complaints investigated during the Quarter ending June 28th, 1874.*

The register of 154 cases, admits of the following classification :—

Defects of drainage and untrapped gulleys. . . . .	48
"    "    water supply . . . . .	2
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c. . . . .	28
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, and fruit . . . . .	3
Overcrowding and bad ventilation . . . . .	5
Smoke nuisances . . . . .	1
Animals being dirtily kept, and noises from . . . . .	5
Smells from the Canal Basin . . . . .	—
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c. . . . .	20
Smells, offensive . . . . .	15
Defective scavenging and watering of Roadways . . . . .	4
Dangerous Structures and Places unfit . . . . .	2
Miscellaneous, and complaints of Epidemic diseases, &c. . . . .	21

TOTAL 154



TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending June 28th, 1874.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital . . . . .	..	..	..	1	..	2	..	..	4	17	6	21	51
Paddington Workhouse . . . . .	..	..	..	..	..	1	..	1	8	10	..	18	38
Lock Hospital . . . . .	..	..	..	..	..	..	..	..	..	..	..	2	2
Praed Street, including (1) . . . . .	..	..	..	..	..	1	..	..	4	2	1	9	17
Harrow Road & N. W. Road (2) . . . . .	..	..	..	1	..	..	..	..	3	2	..	6	12
Hali Park District (3) . . . . .	..	1	..	..	..	..	..	2	8	3	..	3	17
Amberly Road District (4) . . . . .	..	2	..	2	1	..	..	2	12	3	1	16	39
Kilburn District (5) . . . . .	..	2	1	..	5	..	1	..	5	2	2	5	23
Clarendon Street, 107 h., 1788 p. . . . .	..	1	..	..	2	..	..	1	2	3	..	4	13
Woodchester Street, 95 h., 1427 p. . . . .	..	..	..	..	..	..	..	..	5	2	..	3	10
Cirencester Street, 97 h., 1511 p. . . . .	..	1	..	..	..	..	..	1	2	2	..	1	7
Westbourne Park District (6) . . . . .	..	3	..	1	3	1	..	2	4	3	3	22	42
Hampden Street, &c. (7) . . . . .	..	2	..	1	..	..	1	1	5	5	..	8	23
Westbourne Terrace North, &c. (8) . . . . .	..	1	..	..	..	..	..	..	6	2	..	4	13
Woodfield Road, &c. (9) . . . . .	..	1	1	1	1	1	..	..	6	3	1	4	19
Moscow Road, Salem Gardens, &c. (10) . . . . .	..	..	..	..	..	..	..	..	2	1	..	4	7
Squares and Mansions (11) . . . . .	..	1	..	..	..	..	1	1	7	4	..	23	37
Mews and Stables (12) . . . . .	..	1	1	..	..	..	..	..	2	7	..	6	17
Other Places, including (13) . . . . .	..	3	1	..	1	1	..	1	9	6	4	49	75
TOTAL . . . . .	..	19	4	7	13	7	3	12	94	77	18	208	462

[1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Newland Row, Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row, James-Pl. and Katherine-Pl. . . . .	Population in 1871. 3223
[2.] Margaret, Romily & Wellington-Ter, Church-Pl., Hermitage-St., Dudley-St., Kent's-Pl., Willing's-Pl., Victoria & Albert-St., Green-St., North Wharf Road, Iron Gate Wh.-Rd., White Lion Place and Passage, Alfred Place, Vine Cottages . . . . .	3238
[3.] Hall-Pl. & Park, Hall-Pl. West, Cuthbert-St., Howell-St., Charlotte-Pl., Church-St., Crompton-St., Braithwaite-Pl., Campbell-St., Hethpool-St., Hero-Pl., Edgware-Pl. . . . .	3950
[4.] Netley-St., Amberly Whar. Rd. & Mews, Formosa-St., Brandon-St., Vale-Ter., Shirland-Rd., Pindock Mews, Bristol Mews & Elnathan Mews . . . . .	2474
[5.] Andover-Pl., Kilburn Park-Rd., Queen's Arms Yard, Elgin-Ter., Maida Vale, Carlton-Pl., Canterbury-Ter., Clarendon-Ter. & Road, Lanark-Pl. & Villas, Elgin-Rd., Portsdown-Pl. and Mews . . . . .	2864
[6.] Westbourne Park District ; 54 Streets and Mews adjoining . . . . .	12552
[7.] Brindley-St., Alfred-Rd. & Pl., Orchard-St., Waverly-Ter. Waverly-Rd., Desboro'-Ter., & Pl. (197) Jonson's Mews . . . . .	4069
Woodchester, Cirencester & Clarendon Streets . . . . .	4796
[8.] Senior-St., Emily-St., Philip-Ter., Dartington-Ter., Hasboro'-St., Ranelagh-Rd., Westbury-Ter. & Rd., Cottage-Rd., Westbourne Park-Cres. & Bury-Ter. . . . .	2691
[9.] Woodfield-Pl., Rd., Cottages & Ter., Windsor Gardens-Pl. & St. John-St., Chippenham-Ter. and Rd., Frankfort-Ter., Streets in Kensal New Town, Carlton-Ter., Goldney-Rd. & Edbroke-Rd. . . . .	3804
[10.] Queen's-Rd., Douglas-Pl., Caroline-Pl. & Mews, Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Vincent-Pl., Salem-Gards. & Rd. & Cresc. . . . .	3252
[11.] Gloucester-Pl., Sq., Ter., Porchester-Ter., & Sq., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Gard., Ter., Inverness-Ter., Queensboro'-Ter., Kensington-Palace-Gardens and Kensington-Gards.-Sq., The-Terrace, Kensington-Gar.-Sq., Kensington-Gar.-Ter., Cleveland-Ter., Sq., & Gards., Sussex-Gards., Westbourne-St., Cres. & Ter., Leinster-Sq. & Gardens, Princes-Sq., Queen's Gardens, Connaught-Sq. & Pl., Stanhope-Pl. & Ter. . . . .	14088
[12.] Mews adjoining and behind Squares & Mansions above mentioned . . . . .	2211
[13.] Other Houses, Streets & Mews not included in any of the above groups . . . . .	33671



*Systematic Sanitary Inspection.*

The Systematic Sanitary Inspection of the following group of streets and places with their population, has been completed up to the last quarter by Inspector C. J. Biorn. They are named respectively, Westbourne Terrace North District, and the Hall Park District.

TABLE VI.

Streets and Places.	No. of Population at Census 1871.				No. of Families living in Single Rooms.	No of Rooms Inspected.	
	Houses.	Males.	Females.	TOTAL.			
Westbourne-Ter. North District.	Woodchester Street .....	95	736	761	1497	189	837
	Clarendon Street .....	107	878	910	1788	241	993
	Cirencester Street .....	97	720	791	1511	188	767
	Dartington Terrace .....	17	145	178	273	28	137
	Senior Street .....	38	313	323	636	82	333
	Emily Street .....	12	91	120	211	45	96
	Hasboro' Street .....	12	85	101	186	12	106
	Philip Terrace .....	12	93	103	196	43	102
	Stalham Street .....	15	89	102	191	22	125
	Ranelagh Road .....	15	88	96	184	20	119
	Desboro' Street .....	17	133	110	243	32	136
	Westbourne Terrace North	45	188	242	430	—	120
	Hall Park District.	Hall Place .....	119	646	664	1310	194
Church Street .....		29	114	126	240	7	142
Cuthbert Street .....		34	172	204	376	51	191
Crompton Street .....		19	126	124	250	31	129
Howell Street .....		18	104	105	209	40	124
Hall Park West .....		8	23	28	51	2	33
Braithwaite Place .....		12	85	75	160	20	66
Campbel Street .....		34	242	220	462	71	217
Charlotte Place .....		8	35	27	62	6	18
Hethpool Street .....		47	320	293	613	76	296
Edgware Place .....		12	97	101	198	37	70
Hero Place .....		4	11	8	19	2	7
Westbourne Buildings ..		15	59	41	100	—	30
Leinster Street .....	15	98	110	208	37	106	
TOTALS.....	836	5691	5913	11604	1476	5994	

The Systematic Inspection of the Parish has again been completed. It has occupied the Inspector 15 months in going through the streets and houses occupied by tenant house lodgers. The number of streets under inspection is 111, of houses 2,997, and the population of these streets at the census 1871, was 32,759, about 17 per cent. of which are children under 5 years of age.

Journal of the American Medical Association

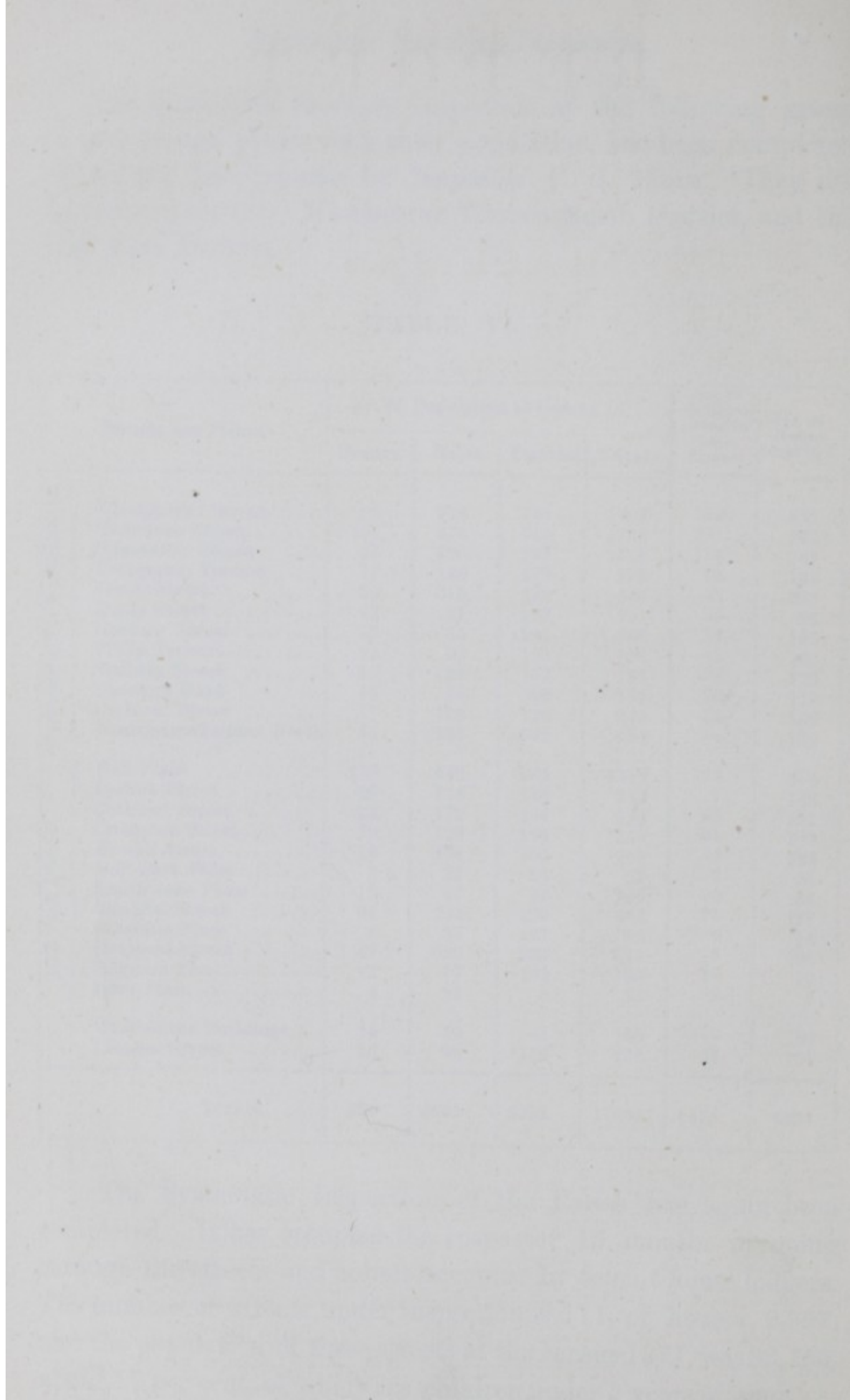
The American Medical Association is a national organization of physicians and surgeons. It was founded in 1847 and has since that time been the leading organization of the medical profession in the United States. Its primary purpose is to advance the science and art of medicine and to protect the public interest in the medical profession.

MEMBER OF THE AMERICAN MEDICAL ASSOCIATION

Dr. J. H. [Name]

[The remainder of the page contains extremely faint, illegible text, likely bleed-through from the reverse side of the document.]





# R E P O R T

ON THE

## HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

**MICHAELMAS 1874,**

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.*

*Estimated Population.....104,134*

St. Mary's .... 65,590.    St. John's .... 38,544

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from  
July 4th, to September 26th, 1874.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.		Mean Temper.
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	
July 4 .....	43	25	15	14	58	39	61.8
" 11 .....	29	25	11	8	40	33	66.8
" 18 .....	58	29	18	17	76	46	65.7
" 25 .....	48	24	14	12	62	36	64.4
Aug. 1 .....	42	25	9	13	51	38	61.2
" 8 .....	34	21	11	13	45	34	66.0
" 15 .....	52	14	15	6	67	20	58.2
" 22 .....	39	13	10	13	49	26	61.9
" 29 .....	47	25	10	11	57	36	59.4
Sept. 5 .....	41	13	19	8	60	21	60.3
" 12 .....	41	17	11	10	52	27	60.1
" 19 .....	44	19	8	5	52	24	55.4
" 26 .....	39	17	12	8	51	25	56.4
TOTAL .....	557	267	163	188	720	405	61.3

The deaths this quarter are very low, indicating a rate of 15.5 of the estimated population, viz. :—14.3 in St. John's ; 16.3 in St. Mary's. The mortality of children under 5 is at the rate of 38.7 per cent. of total deaths, or about equal to that of most large towns with a large proportion of infant life.

The Zymotic diseases are represented thus :—Measles 1 ; Scarlet Fever *nil* ; Diphtheria 10 ; Whooping Cough 3 ; Fever 10 ; Diarrhoea 51 ; Erysipelas 9 ; making 94, or 23.4 per cent. of total deaths. The deaths from Consumption and Bronchitis this quarter are always lower than the average. The quarter presents a very healthy state of the Parish.



## Summer Diarrhœa.

The Zymotic deaths are made high by an addition of the Diarrhœa cases (51) 49 of which are as usual in young children. The Summer Diarrhœa of young children is dependent more upon the relaxing and predisposing influences of warm weather, than upon Local unsanitary conditions of their surroundings. In Summer months, a relaxed state of the mucous membrane of the bowels causes about as many deaths in young children, as the effects of cold produce in the severe Winter months upon the infantile population.

Large numbers of sickly and weakly children abound in the tenement houses of our thickly populated streets, their mothers are themselves badly nourished, and deficient in natural breast milk; artificial feeding is resorted to by many nurses who are grossly ignorant of infantile management; this ignorance on the part of those who have the care of children, is the chief source of that form of gastric irritation which prevails in warm weather, and in a few days often proves fatal.

In Summer, the digestive organs readily suffer; in Winter it is the respiratory organs that become attacked. In summer months, whilst only half a dozen fatal cases of Bronchitis are recorded, about ten times that number of deaths occur from the Alvine-flux, or Summer Diarrhœa. In Winter, the figures are just reversed—70 to 80 deaths are the usual mortality from bronchitis and inflammation of the respiratory organs in young children, and there is no fatal Diarrhœa.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES, from July 4th, to September 26th, 1874.

Weeks, ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhœa.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.	Inquests.	Workhouses.	St. Mary's Hospital.	Lock Hospital.
July 4	...	1	...	...	1	...	2	2	...	10	3	18	2	39	3	...	1	...
" 11	...	...	..	3	..	..	2	4	...	5	4	14	1	33	4	2	6	...
" 18	...	...	...	...	1	1(2)	...	11	...	7	2	21	3	46	1	2	3	...
" 25	...	...	...	...	...	...	1	8	...	5	1	17	4	36	5	3	6	...
Aug. 1	...	...	...	...	...	...	1	6	...	9	7	14	1	38	1	2	8	...
" 8	...	...	...	...	...	2(1)	1	9	...	6	1	14	1	34	1	3	5	...
" 15	...	...	...	...	...	1(2)	...	2	...	3	1	12	1	20	2	2	5	...
" 22	...	...	...	...	1	2	...	1	...	3	5	14	...	26	3	1	3	...
" 29	...	...	...	1	...	2	...	2	...	5	1	23	2	36	4	1	2	1
Sept. 5	...	...	...	2(3)	...	...	...	...	...	3	1	14	1	21	2	2	3	...
" 12	...	...	...	1	...	1(2)	...	2	...	5	3	12	3	27	6	1	7	...
" 19	...	...	...	2(4)	...	1	...	3	...	4	2	11	1	24	1	3	...	...
" 26	...	...	...	1	...	...	2	1	...	1	5	15	...	25	...	2	...	...
TOTAL	...	1	...	10	3	10	9	51	...	66	36	199	20	405	33	24	49	1

(1) Rheumatic Fever. (2) Typhus. (3) Tonsillitis. (4) Apha.







TABLE IV.

## SUMMARY OF SANITARY WORK, Quarter ending September 26th, 1874.

I.—Inspections consequent on Nuisances and Complaints, Offensive and Injurious Trades, inspection of cases of Contagious Diseases.	{	Inspections of Offensive Trades, Marine Stores, &c. ..	22
		"    Of Manure and Dust Wharves .....	13
		"    Cow-houses .....	14
		"    Slaughter-houses .....	33
		"    Bake-houses .....	12
		"    Mortuary or Dead-house almost daily ..	—
		"    Provision Markets every Saturday .....	13
		"    Churches, Chapels, Schools, Factories, } Work - rooms and other Public } Institutions .....	23
		"    Contagious Diseases investigated .....	
		"    Fever and Small-Pox Conveyance used times	3
		Orders issued for Sanitary Works .....	405
Works done .....	203		
INSPECTORS.			
II.—Systematic Sanitary Inspection of Dwellings, Mews and Stables.	{	Houses and Premises visited and inspected .....	1922
		Re-inspections .....	980
		Orders issued for Sanitary Works (15 Formal Orders of the Vestry) including disinfection of Rooms, &c.	347
		Works executed .....	240
Works in progress .....	187		
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances .....	70
		Summonses .....	30
		For obtaining Summonses .....	15
		"    hearing .....	3
		Letters written and received .....	87

*Nuisances and Complaints investigated during the Quarter ending September 26th, 1874.*

The register of 253 cases, admits of the following classification:—

Defects of drainage and untrapped gulleys.	58
"    "    water supply .....	10
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c. ....	68
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, and fruit .....	12
Overcrowding and bad ventilation .....	16
Smoke nuisances .....	2
Animals being dirtily kept, and noises from .	12
Smells from the Canal Basin .....	2
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c. ....	32
Smells, offensive .....	21
Defective scavenging and watering of Roadways .....	4
Dangerous Structures and Places unfit .....	2
Miscellaneous, and complaints of Epidemic diseases, &c....	14
TOTAL	253



TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending September 26th, 1874.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital . . . . .	..	..	..	1	..	2	4	1	3	6	11	21	49
Paddington Workhouse . . . . .	..	..	..	..	..	..	..	..	5	7	..	16	28
Lock Hospital . . . . .	..	..	..	..	..	..	..	..	..	..	..	1	1
Praed Street, including (1) . . . . .	..	..	..	..	..	1	..	3	3	2	..	11	20
Harrow Road & N. W. Road (2) ..	..	..	..	1	1	..	..	4	2	3	1	7	19
Hali Park District (3) . . . . .	..	..	..	1	..	1	..	4	1	3	1	6	17
Amberly Road District (4) . . . . .	..	1	..	1	..	..	..	7	11	2	..	12	34
Kilburn District (5) . . . . .	..	..	..	1	1	..	..	2	1	1	..	7	13
Clarendon Street, 107 h., 1788 p. . .	..	..	..	..	..	..	..	..	..	..	..	3	3
Woodchester Street, 95 h., 1427 p. .	..	..	..	..	..	..	..	2	6	..	..	5	13
Cirencester Street, 97 h., 1511 p. .	..	..	..	1	..	..	..	2	2	3	..	3	11
Westbourne Park District (6) . . . .	..	..	..	2	..	1	1	3	6	1	..	25	39
Hampden Street, &c. (7) . . . . .	..	..	..	..	..	..	..	1	1	..	..	3	5
Westbourne Terrace North, &c. (8) ..	..	..	..	..	..	..	..	3	5	..	..	3	11
Woodfield Road, &c. (9) . . . . .	..	..	..	..	..	..	..	2	4	4	1	6	17
Moscow Road, Salem Gardens, &c. (10)	..	..	..	..	..	..	..	..	1	..	..	5	6
Squares and Mansions (11) . . . . .	..	..	..	1	1	1	..	2	1	1	1	15	23
Mews and Stables (12) . . . . .	..	..	..	1	..	1	..	2	2	..	..	4	10
Other Places, including (13) . . . . .	..	..	..	..	..	3	4	13	12	3	5	46	86
TOTAL . . . . .	..	1	..	10	3	10	9	51	66	36	20	199	405

- |  |                          |
|--|--------------------------|
| [1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Newland Row, Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row, James-Pl. and Katherine-Pl. . . . .  | Population in 1871. 3223 |
| [2.] Margaret, Romily & Wellington-Ter, Church-Pl., Hermitage-St., Dudley-St., Kent's-Pl., Willing's-Pl., Victoria & Albert-St., Green-St., North Wharf Road, Iron Gate Wh.-Rd., White Lion Place and Passage, Alfred Place, Vine Cottages . . . . .   | 3238                     |
| [3.] Hall-Pl. & Park, Hall-Pl. West, Cuthbert-St., Howell-St., Charlotte-Pl., Church-St., Crompton-St., Braithwaite-Pl., Campbell-St., Hethpool-St., Hero-Pl., Edgware-Pl. . . . .   | 3950                     |
| [4.] Netley-St., Amberly Whar. Rd. & Mews, Formosa-St., Brandon-St., Vale-Ter., Shirland-Rd., Pindock Mews, Bristol Mews & Elnathan Mews . . . . .   | 2474                     |
| [5.] Andover-Pl., Kilburn Park-Rd., Queen's Arms Yard, Elgin-Ter., Maida Vale, Carlton-Pl., Canterbury-Ter., Clarendon-Ter. & Road, Lanark-Pl. & Villas, Elgin-Rd., Portsdown-Pl. and Mews . . . . .   | 2864                     |
| [6.] Westbourne Park District ; 54 Streets and Mews adjoining . . . . .  | 12552                    |
| [7.] Brindley-St., Alfred-Rd. & Pl., Orchard-St., Waverly-Ter. Waverly-Rd., Desboro'-Ter., & Pl. (197) Jonson's Mews . . . . .   | 4069                     |
| Woodchester, Cirencester & Clarendon Streets . . . . .   | 4796                     |
| [8.] Senior-St., Emily-St., Philip-Ter., Dartington-Ter., Hasboro'-St., Ranelagh-Rd., Westbury-Ter. & Rd., Cottage-Rd., Westbourne Park-Cres. & Bury-Ter. . . . .  | 2691                     |
| [9.] Woodfield-Pl., Rd., Cottages & Ter., Windsor Gardens-Pl. & St., John-St., Chippenham-Ter. and Rd., Frankfort-Ter., Streets in Kensal New Town, Carlton-Ter., Goldney-Rd. & Edbroke-Rd. . . . .  | 3804                     |
| [10.] Queen's-Rd., Douglas-Pl., Caroline-Pl. & Mews, Dove Cottages, Bark-Pl., Poplar Pl., Chapel Side, Vincent-Pl., Salem-Gards. & Rd. & Cresc. . . . .  | 3252                     |
| [11.] Gloucester-Pl., Sq., Ter., Porchester-Ter., & Sq., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Gard., Ter., Inverness-Ter., Queensboro'-Ter., Kensington-Palace-Gardens and Kensington-Gards.-Sq., The-Terrace, Kensington-Gar.-Sq., Kensington-Gar.-Ter., Cleveland-Ter., Sq., & Gards., Sussex-Gards., Westbourne-St., Cres. & Ter., Leinster-Sq. & Gardens, Princes-Sq., Queen's Gardens, Connaught-Sq. & Pl., Stanhope-Pl. & Ter. . . . . | 14088                    |
| [12.] Mews adjoining and behind Squares & Mansions above mentioned . . . . .   | 2211                     |
| [13.] Other Houses, Streets & Mews not included in any of the above groups . . . . .   | 33671                    |



The following Reports and Pamphlets on Public Health have been received with thanks:—

- Traité pratique du Chauffage, et de la Ventilation, et de la distribution des eaux dans les habitations, &c., par C. V. Joly.
- On the profitable utilization of Town Refuse, by G. F. Chantrell, of the Charcoal and Sewage Company (Limited).
- Sewage utilization in combination with surface irrigation, intermittent filtration or separately, by J. B. Denton, Esq.
- The Lime and Cement process of Sewage utilization of Major-General H. Y. D. Scott, C.B.
- Intermittent filtration through natural soil; description of the works at MerthyrTydfil.
- Catalogue of the Appliances for the economical consumption of Fuel at the Exhibition at Peel Park, Manchester.
- On Hospitals, Cottage Hospitals, and Ventilation, by Charles Shrimpton, M.D.
- Milk, its supply and adulteration, by Dr. Voelcker—March, 1874.—On the Ventilation of Schools, Hospitals, Law Courts and Public Buildings, by George Ross, M.D.
- Typhoid Fever and Sanitary administration, by L. M. Fox, Esq.
- Dr. Lankester's plain rules for the Management of Infants.
- Report of the Dwelling Committee of the Charity Organization Society, March, 1873.
- Infant Mortality, by John S. Parry, M.D. Work and Play, by Russel Holmes, M.D.
- What will Philadelphia do for its Paupers? by Isaac Ray, M.D., &c.
- Report of the Health of Liverpool, by W. S. Trench, M.D., &c.; of Whitechapel, by Mr. John Liddle; of Mile End Old Town, by M. Corner, M.D.; of the Thames Shipping Committee, by Harry Leech, M.D.

*Printed Reports of the Medical Officer of Health on the Vital Statistics and Health of the Parish of Paddington, &c.*

- Annual Reports for 1868-69-70-71-72-73.
- Quarterly Reports and Statistical Returns—No. 1 to 29.
- Report on the Pollution of the Water and the cleansing of the Canal Basin—1868.
- Report on the means of carrying out Disinfection in an adequate and effectual manner in the Parish—1869.
- Report on the erection of a Public Mortuary in the Parish, and upon the Management thereof—1867.
- Practical Sanitary Hints as to the best measures for preventing the spread of the catching or epidemic diseases.
- First, Second, Third and Fourth Quarterly Reports as Public Analyst, and of Proceedings under the Food Adulteration Act of 1872.
- First, (Second, not printed) and Third Report on the Condition of Sewers in the Parish, and causes of Nuisances therein, with recommendations for their removal.

---

Report and Catalogue of Sanitary Articles exhibited at Leeds in 1871, prepared by Dr. Hardwicke. Also of the Sanitary and Educational Exhibition at Norwich in October, 1873.

# R E P O R T

ON THE

## HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

### CHRISTMAS 1874,

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.*

*Estimated Population.....104,659*

St. Mary's .... 66,023. St. John's .... 38,636

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from  
October 3rd, to December 26th, 1874.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.		Mean Temper.
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	
Oct. 3 .....	34	18	11	5	45	23	56.8
" 10 .....	60	25	7	9	67	34	49.1
" 17 .....	38	24	11	11	49	35	55.9
" 24 .....	56	22	14	9	70	31	47.9
" 31 .....	28	30	14	12	42	42	53.3
Nov. 7 .....	46	25	9	8	55	33	49.5
" 14 .....	42	20	15	15	57	35	41.1
" 21 .....	37	31	14	17	51	48	44.1
" 28 .....	43	19	14	12	57	31	32.8
Dec. 5 .....	50	31	12	24	62	55	38.6
" 12 .....	36	44	11	11	47	55	39.1
" 19 .....	34	27	9	17	43	44	32.9
" 26 .....	44	31	7	11	51	42	29.9
<b>TOTAL .....</b>	<b>548</b>	<b>347</b>	<b>148</b>	<b>161</b>	<b>696</b>	<b>508</b>	<b>43.9</b>

During this quarter of 13 weeks, 508 deaths have been registered in the Parish—it is a larger number than usual, being a rate of 17.7 per 1000 of the estimated population. 93 deaths, or 18.3 per cent. of the whole were in the Hospital and Workhouse, but as a number of the population of this Parish die in other Parishes, I have not eliminated those from outside places that die in St. Mary's Hospital.

The birth-rate is 25.4, and the rate of mortality in young children to the whole deaths is 36 per cent.



Amongst the Zymotic diseases of this quarter scarlet fever has been severe—24 cases, nearly all children, have succumbed to it—this number probably represents 240 or 250 attacked in the three months. Last quarter not a single death from this disease was registered in the parish, although it was epidemic in most of the Eastern districts. This epidemic has been travelling Westward in the metropolis for the last 12 months; and it is some consolation to observe that measles and whooping cough disappeared from our list of deaths on its approach; not one case of the latter will be found amongst the deaths, and one only of measles.

### *Cold an enemy to Public Health.*

It will be observed from Table II. that the deaths show an increase during the last weeks of December. From 10 to 18 deaths weekly in excess were registered from the inflammatory diseases of the respiratory organs alone—bronchitis and pneumonia—the mean temperature of the air during that period was 34.6, a little above freezing, and for many days below that point. This cold proved a very deadly enemy to old persons—large numbers of whom reside in the wealthy district of St. John's. During several weeks the deaths registered were actually above the births; a most unusual circumstance, which I believe had never before happened in this Parish.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES, from October 3rd, to  
December 26th, 1874.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Group.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhœa.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.	Inquests.	Workhouses.	St. Mary's Hospital.	Lock Hospital.
Oct. 3	1	...	1	...	...	...	...	...	3	3	15	..	23	2	2	1	...
" 10	...	...	...	...	...	...	...	2	8	1	20	3	34	3	4	2	...
" 17	...	...	3	...	...	1	...	1	6	8	15	1	35	4	2	7	...
" 24	...	...	1	...	...	...	2(1)	...	5	5	18	...	31	..	2	3	...
" 31	...	...	5	...	...	...	2(1)	...	6	8	18	2	42	4	3	5	...
Nov. 7	...	1	...	2	...	1	...	1	10	3	15	...	33	1	1	2	...
" 14	...	...	1	2	...	1	2(1)	...	5	4	17	3	35	4	4	4	1
" 21	...	1	4	...	...	...	...	...	15	4	22	2	48	3	7	4	...
" 28	...	...	1	1	...	1	2	...	3	7	15	1	31	1	1	3	...
Dec. 5	...	...	2	2	...	1(2)	2	...	6	18	22	2	55	4	5	5	...
" 12	...	...	1	1	...	...	1	...	6	14	30	2	55	5	7	1	...
" 19	...	...	...	3	...	1	1	1	6	13	17	2	44	2	2	6	...
" 26	...	...	5	...	...	1(2)	...	...	10	10	16	...	42	1	8	1	...
TOTAL	1	2	24	11(3)	...	7	12	6	89	98	240	18	508	34	48	44	1

(1) Blood Poisoning. (2) Low Fever. (3) 3 are Cases of Croup.



TABLE III.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending  
December 26th, 1874.

Causes of Death.	Ages.						Total.	Causes of Death.	Ages.						Total.	
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above			Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above.		
<b>I. ZYMOTIC</b>								Brought forward ....							112	
Order 1—MIASMATIC.								Order 4—ORGANS OF DIGESTION.							363	
Small Pox .....	..	..	..	1	..	..	1	Malignant Dis. of Stom. ....	..	..	1	2	..	..	..	3
Measles .....	2	..	..	..	..	..	2	Hæmatemesis .....	..	..	1	..	..	..	..	1
Scarletina .....	14	6	3	1	..	..	24	Gastritis & Peritonitis ..	..	..	..	..	..	..	..	..
Diphtheria, Tonsillitis ..	4	1	..	..	..	..	5	Euteritis .....	2	1	5	2	..	..	..	10
Croup .....	5	..	3	..	..	..	8	Jaundice .....	..	..	..	..	2	..	..	2
Whooping Cough .....	..	..	..	..	..	..	..	Ulceration of Pylorus ..	..	..	..	..	..	..	..	..
Fevers .....	5	3	2	..	..	..	10	Ulceration of Intestines ..	..	..	1	..	..	..	..	1
Acute Rheumatism, } Rh. Fever, Septicæmia }	3	3	..	1	..	..	7	Vomiting .....	..	..	..	1	..	..	..	1
Erysipelas and Pyæmia }	1	..	..	7	4	..	12	Cirrosis .....	..	..	1	2	..	..	..	3
Metria (Puerperal Fever) }	..	..	2	..	..	..	2	Icterus—Gall Stone .....	..	..	..	..	..	..	..	..
Dysentery .....	..	..	..	..	..	..	..	Disease of Rectum .....	..	..	2	..	..	..	..	2
Diarrhœa .....	5	..	1	..	..	..	6	Disease of Liver .....	..	..	2	4	..	..	..	6
Cholera .....	..	..	..	..	..	..	..	Disease of Spleen .....	1	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	Cancer of Liver .....	..	..	..	2	3	1	..	6
Order 2—ENTHETIC.								Order 5—URINARY ORGANS.								
Syphilis .....	4	..	..	..	..	..	4	Bright's Disease .....	..	1	1	3	1	..	..	6
Hydrophobia .....	..	..	..	..	..	..	..	Disease of Kidneys .....	..	..	1	1	3	..	..	5
Order 3—DIETIC.								Disease of Bladder .....								
Want of Breast Milk ..	..	..	..	..	..	..	..	Diabetes .....	..	..	..	2	..	..	..	2
Hæmorrhage .....	..	..	..	..	..	..	..	Albumenuria .....	..	..	..	1	3	..	..	4
Alcoholism:—	..	..	..	..	..	..	..	Disease of Prostate, &c. ..	..	..	..	..	..	..	..	..
a. Del. Tremens ..	..	..	..	..	..	..	..	Uræmia .....	..	..	..	..	..	..	..	..
b. Intemperance ..	..	..	..	..	..	..	..	Order 6—UTERUS AND OVARIES.								
Lead Poisoning .....	..	..	..	..	..	..	..	Disease of Ovaries .....	..	..	..	1	..	..	..	1
Order 4—PARASITIC.								Ovarian Dropsy .....								
Thrush .....	2	..	..	..	..	..	2	Cancer of Uterus .....	..	..	..	4	1	..	..	5
<b>II. CONSTITUTIONAL.</b>								Disease of Uterus .....								
Order 1—DIATHETIC								..								
Gout .....	..	..	..	2	1	..	3	Order 7—ORGANS OF LOCOMOTION.								
Dropsy .....	..	1	..	2	..	..	3	Disease of Bones .....	2	4	1	..	1	..	..	8
Cancer .....	..	..	..	7	6	..	13	Order 8—IN TEGUMENT.								
Hæmorrhage .....	..	..	..	1	..	..	1	Phlegmon .....	..	..	2	..	..	..	..	2
Order 2—TUBERCULAR								Ulcers, Gangrene .....								
Scrofula .....	4	..	..	..	..	..	4	Elephantiasis .....	..	..	..	..	..	..	..	..
Tabes Mesenterica .....	11	..	..	..	..	..	11	<b>IV. DEVELOPMENTAL.</b>								
Consumption .....	3	5	30	12	11	..	61	Order 1—OF CHILDREN.								
Hydrocephalus and } Scrof. Meningitis }	9	3	1	..	..	..	13	Premature Birth .....	9	..	..	..	..	..	..	9
<b>III. LOCAL.</b>								Malform. of the Heart ..								
Ord. 1—NERVOUS SYSTEM								Other Malformations ..								
Apoplexy .....	..	..	1	2	4	1	8	Teething .....	3	..	..	..	..	..	..	3
Paralysis .....	..	..	..	5	6	3	14	Atelectasis .....	1	..	..	..	..	..	..	1
Epilepsy .....	..	..	..	1	..	..	1	Order 2—OF ADULTS.								
Convulsions .....	8	..	..	..	..	..	8	Childbirth .....	..	..	2	..	..	..	..	2
Effus. of Serum & Blood } on Brain .....	1	1	1	2	4	..	9	Order 3—OF OLD PEOPLE.								
Soft. of Brain .....	..	..	2	1	2	..	5	Old Age, natural decay ..	..	..	..	..	12	8	..	20
Other Diseases .....	..	..	..	..	..	..	..	Order 4—DISEASES OF NUTRITION.								
Order 2—ORGANS OF CIRCULATION.								Atrophy, Debility .....								
Pericarditis .....	..	..	2	3	..	..	5	Exhaustion, Inanition ..	9	..	..	..	..	..	..	9
Embolism .....	..	..	..	1	..	..	1	<b>V. VIOLENT DEATHS.</b>								
Aneurism, &c. ....	..	..	1	..	..	..	1	Order 1—ACCIDENTS AND NEGLIGENCE.								
Fatty Heart .....	..	..	1	3	1	..	5	Fract. & Contusions from Rail. Street Accident, &c	2	1	..	4	2	1	..	10
Disease of Heart .....	..	1	2	6	7	..	16	Burns and Scalds .....	3	..	..	..	..	..	..	3
Order 3—ORGANS OF RESPIRATION.								Drowning—accident .....								
Bronchitis .....	18	1	3	2	13	3	60	Suffocation do. ....	..	..	1	1	..	..	..	2
Laryngitis .....	1	..	1	1	..	..	3	Poisoning do. ....	..	..	..	..	..	..	..	..
Laryngismus .....	4	..	..	..	..	..	4	Order 2.—HOMICIDE.								
Pleurisy, &c. ....	..	1	..	1	..	..	2	Infanticide .....	2	..	..	..	..	..	..	2
Pneumonia .....	8	2	8	3	..	..	21	Suicide, Hang., Cut Throat	..	..	1	..	..	..	..	1
Asthma .....	..	..	..	2	..	..	2	Poisoning .....	..	..	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..	..	Pistol-shot, &c. ....	..	..	..	1	..	..	..	1
Pulmonary Congestion ..	..	..	..	2	4	..	6	<b>TOTALS .....</b>								
Other Diseases .....	..	..	..	..	..	..	..	156	35	80	127	93	17	..	508	
Carried forward ....	112	28	64	80	63	7	363									



TABLE IV.

## SUMMARY OF SANITARY WORK, Quarter ending December 26th, 1874.

I.—Inspections consequent on Nuisances and Complaints, Offensive and Injurious Trades, inspection of cases of Contagious Diseases.	{	Inspections of Offensive Trades, Marine Stores, &c. ..	70
		"    Of Manure and Dust Wharves .....	20
		"    Cow-houses .....	14
		"    Slaughter-houses .....	20
		"    Bake-houses .....	14
		"    Mortuary or Dead-house almost daily ..	—
		"    Provision Markets every Saturday. ....	—
		"    Churches, Chapels, Schools, Factories, Work-rooms and other Public Institutions .....	12
		"    Contagious Diseases investigated .....	45
		"    Fever and Small-Pox Conveyance used times	13
	{	Orders issued for Sanitary Works .....	336
	{	Works done .....	160
INSPECTORS.	{	Houses and Premises visited and inspected .....	375
	{	Re-inspections .....	275
II.—Systematic Sanitary Inspection of Dwellings, Mews and Stables.	{	Orders issued for Sanitary Works (15 Formal Orders of the Vestry) including disinfection of Rooms, &c.	336
	{	Works executed .....	200
	{	Works in progress .....	15
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances .....	14
	{	Summonses .....	3
	{	For obtaining Summonses .....	1
	{	"    hearing .....	2
	{	Letters written and received .....	75

*Nuisances and Complaints investigated during the Quarter ending December 26th, 1874.*

The register of 140 cases, admits of the following classification:—

Defects of drainage and untrapped gulleys.	53
"    "    water supply .....	2
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c. ....	34
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, and fruit .....	8
Overcrowding and bad ventilation .....	9
Smoke nuisances .....	1
Animals being dirtily kept, and noises from .	5
Smells from the Canal Basin .....	1
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c. ....	11
Smells, offensive .....	2
Defective scavenging and watering of Roadways .....	1
Dangerous Structures and Places unfit .....	—
Miscellaneous, and complaints of Epidemic diseases, &c....	13
TOTAL	140

These Complaints received almost immediate attention.



TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending December 26th, 1874.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital . . . . .			1				2		4	4	8	25	44
Paddington Workhouse . . . . .				1					11	13	1	22	48
Lock Hospital . . . . .												1	1
Praed Street, including (1) . . . . .				1		1	1		4	4		7	18
Harrow Road & N. W. Road (2) . . . . .			3				1		5	5	1	7	22
Hall Park District (3) . . . . .							1		4	3		6	14
Amberly Road District (4) . . . . .	1		4			1	1		8	11		21	47
Kilburn District (5) . . . . .			1				1		2	3		15	22
Clarendon Street, 107 h., 1788 p. . . . .						1			2	2		7	12
Woodchester Street, 95 h., 1427 p. . . . .			1	1			1		4	1		4	12
Cirencester Street, 97 h., 1511 p. . . . .			1					2	3	1		2	9
Westbourne Park District (6) . . . . .			3	1		1	1	1	9	9		31	56
Hampden Street, &c. (7) . . . . .		1		3				1	5	2		8	20
Westbourne Terrace North, &c. (8) . . . . .			1			1			4	2		5	13
Kensal Road District, &c. (9) . . . . .		1	2	2		2			6	3		10	26
Moscow Road, Salem Gardens, &c. (10) . . . . .			1						1	7		4	13
Squares and Mansions (11) . . . . .			2	1			1		5	9	3	16	37
Mews and Stables (12) . . . . .			2				2		4	7		6	21
Other Places, including (13) . . . . .			2	1			1	1	8	12	5	48	73
TOTAL . . . . .	1	2	24	11		7	12	6	89	98	18	240	508

[1.]	South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Newland Row, Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row, James-Pl. and Katherine-Pl. . . . .	Population in 1871. 3223
[2.]	Margaret, Romily & Wellington-Ter., Church-Pl., Hermitage-St., Dudley-St., Kent's-Pl., Willing's-Pl., Victoria & Albert-St., Green-St., North Wharf Road, Iron Gate Wh.-Rd., White Lion Place and Passage, Alfred Place, Vine Cottages . . . . .	3238
[3.]	Hall-Pl. & Park, Hall-Pl. West, Cuthbert-St., Howell-St., Charlotte-Pl., Church-St., Crompton-St., Braithwaite-Pl., Campbell-St., Hethpool-St., Hero-Pl., Edgware-Pl. . . . .	3950
[4.]	Netley-St., Amberly Whar. Rd. & Mews, Formosa-St., Brandon-St., Vale-Ter., Shirland-Rd., Pindock Mews, Bristol Mews & Elnathan Mews . . . . .	2474
[5.]	Andover-Pl., Kilburn Park-Rd., Queen's Arms Yard, Elgin-Ter., Maida Vale, Carlton-Pl., Canterbury-Ter., Clarendon-Ter. & Road, Lanark-Pl. & Villas, Elgin-Rd., Portsdown-Pl. and Mews . . . . .	2864
[6.]	Westbourne Park District; 54 Streets and Mews adjoining . . . . .	12552
[7.]	Brindley-St., Alfred-Rd. & Pl., Orchard-St., Waverly-Ter. Waverly-Rd., Desboro'-Ter., & Pl. (197) Jonson's Mews . . . . .	4069
	Woodchester, Cirencester & Clarendon Streets . . . . .	4796
[8.]	Senior-St., Emily-St., Philip-Ter., Dartington-Ter., Hasboro'-St., Ranelagh-Rd., Westbury-Ter. & Rd., Cottage-Rd., Westbourne Park-Cres. & Bury-Ter. . . . .	2691
[9.]	Woodfield-Pl., Rd., Cottages & Ter., Windsor Gardens-Pl. & St., John-St., Chippenham-Ter. and Rd., Frankfort-Ter., Streets in Kensal New Town, Carlton-Ter., Goldney-Rd. & Edbroke-Rd. . . . .	3804
[10.]	Queen's-Rd., Douglas-Pl., Caroline-Pl. & Mews, Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Vincent-Pl., Salem-Gards. & Rd. & Cresc. . . . .	3252
[11.]	Gloucester-Pl., Sq., Ter., Porchester-Ter., & Sq., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Gard., Ter., Inverness-Ter., Queensboro'-Ter., Kensington-Palace-Gardens and Kensington-Gards.-Sq., The-Terrace, Kensington-Gar.-Sq., Kensington-Gar.-Ter., Cleveland-Ter., Sq., & Gards., Sussex-Gards., Westbourne-St., Cres. & Ter., Leinster-Sq. & Gardens, Princes-Sq., Queen's Gardens, Connaught-Sq. & Pl., Stanhope-Pl. & Ter. . . . .	14088
[12.]	Mews adjoining and behind Squares & Mansions above mentioned . . . . .	2211
[13.]	Other Houses, Streets & Mews not included in any of the above groups . . . . .	33671



Books and Pamphlets received during the Quarter ending Christmas :—

Observations of the Employers upon Mr. Mundella's Bill for limiting the hours of labour in Factories.

Legislative Restrictions on the Industry of Women.

New Factory Bill. Reasons why Women should oppose.

Vigilance Association. The Right of Women to labour.

Fifteenth Annual Report of the Society for Promoting the Employment of Women.

The Employment of Married Women in Manufacture ; by W. Cooke Taylor, Esq.

London Hospitals, an "Introductory from Outside."

Dwellings of Working People in London, two speeches ; by U. J. Kay-Shuttleworth, M.P., and Sir Sydney Waterlow, Bart., M.P.

Lienur's Pneumatic Sewerage System.

The Storage of Water ; by J. Bailey Denton, C.E., F.G.S.

La Croix Rouge—Bulletin Belge de L'alliance Universelle. No. 3, September, 1874.

Report of Sanitary Condition of the Parish of St. Mary, Islington ; by C. M. Tidy, M.B., F.C.S., &c., Medical Officer of Health, and Food Analyst for the Parish.

St. Mary, Abbotts, Kensington ; by S. O. Dudfield, M.D., Medical Officer of Health.

Monthly Reports of the Parish of Saint Marylebone ; by John Whitmore, M.D., Medical Officer of Health, &c., for the Parish.

Report of the Sanitary Condition of the several Parishes comprised in the Wandsworth District, during the year ; by the Medical Officers of Health.

Report of the Medical Officer of Health on the various Slaughter Houses in the Parish—October, 1874.

Annual Report for 1873, of F. G. Fairbank, M.R.C.S., Medical Officer of Health for the Borough of Doncaster.

Eighteenth Annual Report of the Medical Officer of Health, made to the Vestry of St. James, Westminster ; by E. Lankester, M.D., L.L.D., F.R.S., &c.

Report on the Health of the Borough of Birmingham, for the Quarter ending July 4th, 1874 ; also proceedings taken for prevention of Adulteration of Articles of Food and Drink ; by Alfred Hill, M.D., Medical Officer of Health.

Annual Report of the Society of Medical Officers of Health, 1874.

*Printed Reports of the Medical Officer of Health on the Vital Statistics and Health of the Parish of Paddington, &c.*

Annual Reports for 1868-69-70-71-72-73-74.

Quarterly Reports and Statistical Returns—No. 1 to 30.

Report on the Pollution of the Water and the cleansing of the Canal Basin—1868.

Report on the means of carrying out Disinfection in an adequate and effectual manner in the Parish—1869.

Report on the erection of a Public Mortuary in the Parish, and upon the Management thereof—1867.

Practical Sanitary Hints as to the best measures for preventing the spread of the catching or epidemic diseases.

First, Second, Third and Fourth, Fifth and Sixth Quarterly Reports as Public Analyst, and of Proceedings under the Food Adulteration Act of 1872.

First, (Second, not printed) and Third Report on the Condition of Sewers in the Parish, and causes of Nuisances therein, with recommendations for their removal.

---

Report and Catalogue of Sanitary Articles exhibited at Leeds in 1871; prepared by Dr. Hardwicke. Also of the Sanitary and Educational Exhibition at Norwich in October, 1873.