

[Report of the Medical Officer of Health for Limehouse].

Contributors

Limehouse (London, England). Board of Works.

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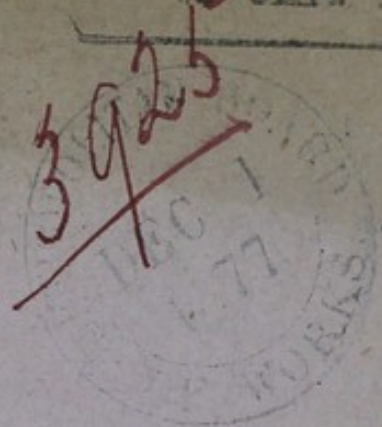
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11 JAN 1878



BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

*STATEMENT of ACCOUNTS, REPORTS, &c., from
Lady-day, 1876, to Lady-day, 1877.*



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BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

1876—1877.

Members for Limehouse.

Mr. ROBERT AMOR.
„ HENRY CHAMBERS.
„ WILLIAM FARR.
„ ROBERT FOX.
„ THOS. WILLIAM FREEMAN.
„ ARTHUR HARSTON.
„ GEORGE BERNEY HATFIELD
„ EDWIN THOS. HAWKRIDGE.
„ WILLIAM BENSLEY HOPSON.
„ FREDERICK PEACHEY.
„ THOMAS CARTER POTTO.
„ GEORGE THOMAS SMITH.
„ WILLIAM STEWART.
„ JAMES DIXON WARREN.
„ WILLIAM WHITFORD.

Members for Wapping.

Mr. J. AITCHESON CLINKSKILL.
„ RICHARD JOLLY.
„ ROBERT CARR.

Members for Ratcliff.

Mr. WILLIAM BARRATT.
„ GEORGE BROOKS.
„ WALTER CLARKE.
„ EDWIN AUGUSTUS CREER.
„ FRANCIS GEO. HARRISON.
„ JOHN HURRELL.
„ FRANCIS LONGSTAFF.
„ JOSEPH MYERSCOUGH.
„ WILLIAM NATHAN.
„ HENRY SHEPHERD.
„ THOMAS WALTER.
„ THOMAS SMITH WATTS.

Members for Shadwell.

Mr. JOSEPH ARTHUR.
„ CHARLES BAXTER COUSENS.
„ EDWIN RUMBOLD.
„ THOMAS GEORGE SEABORN.
„ EDWARD ROPER.
„ THOMAS SAMUEL WOOLFE.

WILLIAM NATHAN, Esq., represents the Board at the Metropolitan Board of Works.

Offices of the Board.

WHITE HORSE STREET, COMMERCIAL ROAD, EAST.

Treasurer—WILLIAM BIRD, Esq., LONDON JOINT STOCK BANK.

Clerk of the Board—Mr. THOMAS WRAKE RATCLIFF.

Surveyor—Mr. CHARLES DUNCH.

Medical Officer of Health & Analyst—Mr. GEO. ARTHUR ROGERS

Sanitary Inspectors.

For No. 1 DISTRICT—GEORGE HURLOCK.

For No. 2 DISTRICT—THOMAS STACE.

Superintendent of Cleansing & Watering—DANIEL EVERETT.

Office Clerk—JAMES BENSLEY.

No.

1. REVENUE AND OUTLAY ACCOUNT for the year from Lady-day, 1876 to Lady-day, 1877.
2. REVENUE AND OUTLAY GENERAL PURPOSES ACCOUNT.
3. REVENUE AND OUTLAY SEWERS ACCOUNT.
4. PARISH OF LIMEHOUSE..... GENERAL PURPOSES ACCOUNT.
5. DITTO SEWERS ACCOUNT.
6. HAMLET OF RATCLIFF GENERAL PURPOSES ACCOUNT.
7. DITTO SEWERS ACCOUNT.
8. PARISH OF SHADWELL GENERAL PURPOSES ACCOUNT.
9. DITTO SEWERS ACCOUNT.
10. PARISH OF WAPPING GENERAL PURPOSES ACCOUNT.
11. DITTO SEWERS ACCOUNT.
12. STATEMENT OF LIABILITIES AND ASSETS.
13. DITTO OF CONTRACTS.
14. DITTO OF OLD BONDS PAID OFF.
15. RETURN OF MONIES RAISED ON LOAN AT INTEREST.
16. LIST OF PROPERTIES BELONGING TO THE BOARD.
17. REPORT OF SURVEYOR.

No. 1.

BOARD OF WORKS FOR THE LIMEHOUSE DISTRICT.

Comprising the Parish of Limehouse, the Hamlet of Ratcliff, and the Parishes of Shadwell and Wapping.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.	d.
Balance brought forward	96	19	2
Ditto at Deposit Account	3,000	0	0
To Cash of Overseers upon Orders of Contribution, viz. :—			
General Purposes	21,600	0	0
Sewerage ditto	1,400	0	0
	23,000	0	0
„ Ditto of Regent's Canal Company for Paving, &c., in connection with Regent's Canal (Limehouse Basin) Act, 1865	2,633	14	6
„ Ditto of Regent's Canal & Dock Company—Costs incurred by Board in opposing the Company's Bill in Parliament	516	2	1
„ Ditto of Metropolitan Board of Works—Contribution towards White Horse Street Improvement	150	0	0
„ Ditto of ditto—Contribution towards Wapping Improvement	1,900	0	0
„ Ditto of ditto—further on account of Wapping Improvement ("Black Boy," &c.)	1,000	0	0
„ Ditto—Revenue from all other sources—			
General Purposes	5,737	4	6
Sewerage	5,556	18	0
	11,294	2	6
	£43,590	18	3

OUTLAY.

	£	s.	d.
Balance due to Treasurer brought forward	530	17	0
By Cash, Outlay on account of General Purposes	29,960	6	6
„ ditto ditto on Sewers Account	7,612	5	9
„ Balance in hands of Clerk	32	19	0
„ ditto ditto Surveyor	87	19	10
„ ditto ditto Treasurer	2,366	10	2
„ Ditto at Deposit	3,000	0	0
	5,487	9	0
	£43,590	18	3

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

No. 2.

GENERAL PURPOSES ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.	d.
To Cash of Overseers of Parishes in the District upon Orders of Contribution ...	21,600	0	0
„ Ditto of ditto for Precept of School Board for London ...	5,087	6	0
„ Ditto for Reinstatements of Paving and Contributions ...	364	2	0
„ Ditto Rents, &c. ...	174	12	0
„ Ditto for Old Tram taken from Commercial Road ...	82	8	0
„ Ditto from Limehouse Paving Loan Account ...	1,000	0	0
„ Ditto from London Joint Stock Bank—Interest on Deposit Account (Paving) ...	38	8	0
„ Ditto of Regent's Canal Company, for Paving, &c., in connection with Regent's Canal (Limehouse Basin) Act, 1865 ...	2,633	14	6
„ Ditto of Regent's Canal and Dock Company—Costs incurred by Board in opposing the Company's Bill in Parliament ...	516	2	1
„ Ditto of Metropolitan Board of Works—Contribution towards White Horse Street Improvement ...	150	0	0
„ Ditto of ditto—Contribution towards Wapping Improvement ...	1,900	0	0
„ Ditto of ditto—further on account of Wapping Improvement ("Black Boy," &c.) ...	1,000	0	0
	<u>£34,546</u>	<u>14</u>	<u>3</u>

OUTLAY.

	£	s.	d.
Balance brought forward ...	2,060	3	2
By Paving ...	2,793	10	0
„ ditto Special Account (Limehouse) ...	1,000	0	0
„ Lighting ...	3,482	12	2
„ Cleansing and Watering ...	5,279	3	4
„ Ditto (Commercial Road) ...	1,127	3	8
	<u>6,406</u>	<u>7</u>	<u>0</u>
„ Stone and Materials ...	610	17	2
„ Urinals ...	40	5	1
„ Charges on Rates—			
Interest ...	2,462	0	11
Principal repaid ...	4,683	0	0
	<u>7,145</u>	<u>0</u>	<u>11</u>
„ Improvement Accounts—			
Limehouse (Narrow Street) ...	14	14	0
Ratcliff (White Horse Street) ...	319	5	0
Shadwell (Sun Tavern Gap) ...	274	19	0
Ditto (Wapping Wall) ...	32	3	8
Wapping ...	327	18	4
	<u>969</u>	<u>0</u>	<u>0</u>
„ Common Charges and Sundries ...	1,539	13	1
„ Compensations ...	59	7	9
„ Superannuation Account ...	36	0	0
„ Precept of School Board for London ...	5,087	6	6
„ School Board for London (Election Expenses) ...	108	2	11
„ Expenses under Adulteration of Food, &c. Act, Laboratory, &c. ...	199	10	9
„ Disinfecting Account ...	92	17	3
„ Parliamentary Expenses ...	339	15	11
„ Drinking Fountain & Cattle Trough Association—Granite for Troughs at Limehouse ...	50	0	0
Balance ...	2,526	4	7
	<u>£34,546</u>	<u>14</u>	<u>3</u>

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

WM. MEREDITH,
JNO. MAUD,
WM. E. LANDER,

} Auditors.

No. 3.

SEWERS ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.	d.
Balance brought forward	1,108	12	0
To Cash of Overseers of Parishes in the District upon Orders of Contribution	1,400	0	0
„ Ditto of ditto to meet precept of Metropolitan Board on account of Consolidated Rate	5,528	16	9
„ Ditto for Contributions to Sewers	28	1	3

£8,065 10 8

OUTLAY.

	£	s.	d.
By payment to Metropolitan Board amount of Precept on account of Consolidated Rate	5,528	16	9
„ Sewers Construction... ..	298	17	9
„ Openings	13	18	8
„ Repairs	30	12	6
„ Cleansing	40	15	9
„ Incidental Works	46	12	4
„ Carting Deposit	14	8	0
„ Flushing	397	19	8
„ Common Charges and Sundries	921	12	3
„ Charges on Rates—			
Interest	51	18	9
Principal repaid	266	13	4
			318 12 1
Balance	453	4	11

£8,065 10 8

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

No. 4.

PARISH OF LIMEHOUSE. GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
To Cash of Overseers upon Orders of Contribution ...	10,000	0
„ Ditto of ditto for Precept of School Board for London ...	1,939	3
„ Ditto for Reinstatements of Paving and Contributions ...	62	9
„ Ditto Rents, &c. ...	29	3
„ Ditto for Old Tram from Commercial Road ...	65	18
„ Ditto from Limehouse Paving Loan Account ...	1,000	0
„ Ditto from London Joint Stock Bank—Interest on Deposit Account (Paving) ...	38	8
„ Ditto of Regent's Canal Company for Paving, &c., in connection with Regent's Canal (Limehouse Basin) Act, 1865 ...	1,639	18
„ Ditto of Regent's Canal & Dock Company—costs incurred by Board in opposing the Company's Bill in Parliament ...	516	2
Balance ...	4,072	19 10

£19,364 3 10

OUTLAY.

	£	s.	d.
Balance brought forward ...	7,077	2	8
By Paving ...	388	11	10
„ Ditto Special Account ...	1,000	0	0
„ Lighting ...	1,569	9	6
„ Cleansing and Watering ...	2,133	4	11
„ Do. Commercial Road ...	901	14	11
	3,034	19	10
„ Stone and Materials... ..	240	7	0
„ Urinals	18	18	10
„ Charges on Rates—			
Interest	1,279	7	9
Principal repaid	1,653	9	0
	2,932	16	9
„ Common Charges and Sundries	589	7	7
„ Superannuation Account	13	18	4
„ Improvement Account	14	14	0
„ Precept of School Board for London	1,939	3	10
„ School Board for London Election Expenses	41	16	2
„ Parliamentary Expenses	339	15	11
„ Expenses under Adulteration of Food, &c. Act, Laboratory, &c.	77	3	4
„ Disinfecting Account	35	18	3
„ Drinking Fountain and Cattle Trough Association—Granite for Troughs at Limehouse	50	0	0

£19,364 3 10

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER,

} Auditors.

No. 5.

PARISH OF LIMEHOUSE. SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
Balance brought forward	131	7
To Cash of Overseers upon Orders of Contribution	650	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	2,132	7
„ Ditto Contributions to Sewers	20	19
Balance	74	0

£3,008 15

OUTLAY.

	£	s.	d.
Sewers Construction	53	9	9
Openings	6	0	9
Repairs	12	16	2
Cleansing	40	15	9
Incidentals	15	15	9
Carting Deposit	10	12	0
Flushing	154	9	4
Common Charges and Sundries	356	6	3
Charges on Rates—			
Interest	31	4	5
Principal repaid	194	17	10
	226	2	3
Metropolitan Board amount of Precept for Metropolitan Consolidated Rate	2,132	7	5

£3,008 15 5

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

No. 6.

HAMLET OF RATCLIFF. GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
Balance brought forward	276	2
To Cash of Overseers upon Orders of Contribution	4,400	0
„ Ditto of ditto Precept of School Board for London ...	1,085	4
„ Ditto for Reinstatements of Paving and Contributions ...	196	8
„ Ditto for Old Tram taken from Commercial Road ...	16	9
„ Ditto Rents, &c.	45	8
„ Ditto of Metropolitan Board of Works Contribution towards White Horse Street Improvement	150	0
„ Ditto of Regent's Canal Company for Paving, &c., in con- nection with Regent's Canal (Limehouse Basin) Act, 1865	993	16
	£7,163	9

OUTLAY.

	£	s.	d.
Paving	779	11	6
Lighting	853	11	6
Cleansing and Watering	1,168	9	5
Commercial Road	225	8	9
	1,393	18	2
Stone and Materials... ..	366	2	4
Urinals	7	15	9
Charges on Rates—			
Interest	223	0	9
Principal repaid	230	6	2
	453	6	11
Common Charges and Sundries	314	17	0
Compensations	6	7	2
Superannuation Account	7	8	9
Precept of School Board for London	1,085	4	4
School Board for London Election Expenses	22	7	1
Expenses under Adulteration of Food, &c. Act, Labora- tory, &c.	41	4	4
Disinfecting Account	19	3	4
Improvement Account	319	5	0
Balance	1,493	6	0
	£7,163	9	2

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Witnessed this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

No. 7.

HAMLET OF RATCLIFF SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
Balance brought forward	135	12
To Cash of Overseers upon Orders of Contribution	200	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,139	8
„ Ditto Contributions to Sewers	3	7
Fractions	0	0
Balance	86	6

£1,564 15

OUTLAY.

	£	s.	d.
By Sewers Construction... ..	104	10	11
„ Openings	2	19	4
„ Repairs	5	14	10
„ Incidentals	7	3	4
„ Carting Deposit	2	4	0
„ Flushing	81	1	11
„ Common Charges	190	9	1
„ Charges on Rates—			
Interest	6	0	2
Principal repaid	25	3	1
	31	3	3
„ Metropolitan Board amount of Precept for Metropolitan Consolidated Rate	1,139	8	8

£1,564 15 4

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

No. 8.

PARISH OF SHADWELL.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
Balance brought forward	1,510	0
To Cash of Overseers upon Orders of Contribution	4,000	0
„ Ditto of ditto for Precept of School Board for London	936	6
„ Ditto for Reinstatements of Paving and Contributions	39	17
„ Ditto Rents, &c.	45	14
	£6,531	18 0

GENERAL PURPOSES ACCOUNT.

day, 1876, to Lady-day, 1877.

OUTLAY.

	£	s.	d.
By Paving	640	0	11
„ Lighting	641	3	2
„ Cleansing and Watering	910	6	8
„ Stone and Materials	0	16	0
„ Urinals	6	13	0
„ Charges on Rates—			
Interest	619	19	5
Principal repaid	517	0	10
	1,137	0	3
„ Common Charges and Sundries	300	14	3
„ Compensations	1	13	4
„ Superannuation Account	6	15	2
„ Improvement Account—			
Sun Tavern Gap	274	19	0
Wapping Wall	32	3	8
	307	2	8
„ Precept of School Board for London	936	6	6
„ School Board for London Election Expenses	20	6	0
„ Expenses under Adulteration of Food, &c. Act, Laboratory, &c.	37	9	0
„ Disinfecting Account	17	8	11
Balance	1,568	2	2
	£6,531	18	0

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER,

} Auditors.

No. 9.

PARISH OF SHADWELL.—SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.	d.
Balance brought forward	288	13	1
To Cash of Overseers upon Orders of Contribution	150	0	
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,041	11	1
„ Ditto Contributions to Sewers	0	16	

£1,481 1 9

OUTLAY.

	£	s.	d.
By Openings	1	1	6
„ Repairs	2	9	8
„ Incidentals	5	0	0
„ Flushing	74	8	1
„ Common Charges	172	19	9
„ Charges on Rates—			
Interest	7	15	7
Principal repaid	20	10	5
	28	6	0
„ Metropolitan Board amount of Precept for Metropolitan Consolidated Rate	1,041	11	11
Balance	155	4	10

£1,481 1 9

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } *Auditors.*

PARISH OF WAPPING.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.	d.
Balance brought forward	3,230	16	1
To Cash of Overseers upon Orders of Contribution	3,200	0	0
„ Ditto of ditto for Precept of School Board for London	1,126	11	10
„ Ditto for Reinstatements of Paving and Contributions	65	7	3
„ Ditto Rents, &c.	54	6	0
„ Ditto of Metropolitan Board of Works—Contribution towards Wapping Improvement	1,900	0	0
„ Ditto of ditto—further on account of Wapping Improvement ("Black Boy," &c.)	1,000	0	0
	<u>£10,577</u>	<u>2</u>	<u>6</u>

OUTLAY.

	£	s.	d.
By Paving	985	5	9
„ Lighting	418	8	0
„ Cleansing and Watering	1,067	2	4
„ Stone and Materials	3	11	10
„ Urinals	6	17	6
„ Charges on Rates—			
Interest	339	13	0
Principal repaid	2,282	4	0
	<u>2,621</u>	<u>17</u>	<u>0</u>
„ Common Charges and Sundries	334	14	3
„ Compensations	51	7	3
„ Superannuation Account	7	17	9
„ Precept of School Board for London	1,126	11	10
„ School Board for London (Election Expenses)	23	13	8
„ Expenses under Adulteration of Food, &c. Act, Laboratory, &c.	43	14	1
„ Disinfecting Account	20	6	9
„ Improvement Account	327	18	4
Balance	3,537	16	2
	<u>£10,577</u>	<u>2</u>	<u>6</u>

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 13th day of July, 1877.

WM. MEREDITH,
JNO. MAUD,
WM. E. LANDER, } Auditors.

PARISH OF WAPPING.-SEWERS ACCOUNT

Revenue and Outlay from Lady-day, 1876, to Lady-day, 1877.

REVENUE.

	£	s.
Balance brought forward	552	18
To Cash of Overseers upon Orders of Contribution	400	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,215	8
„ Ditto Contributions to Sewers	2	18

£2,171 5 6

OUTLAY.

	£	s.	d.
By Sewers Construction... ..	140	17	1
„ Openings	3	17	1
„ Repairs	9	11	10
„ Incidentals	18	13	3
„ Carting Deposit	1	12	0
„ Flushing	88	0	4
„ Common Charges	201	17	2
„ Charges on Rates—			
Interest	6	18	7
Principal repaid	26	2	0
	33	0	7
„ Metropolitan Board, amount of Precept for Metropolitan Consolidated Rate	1,215	8	9
Balance	458	7	5

£2,171 5 6

We hereby certify that we have examined and allowed the Accounts, of
which this Account is an Abstract.

Dated this 13th day of July, 1877.

W. MEREDITH,
JNO. MAUD,
WM. E. LANDER,

} Auditors.

No. 12.

LIABILITIES.

British Empire Life Assurance Company	...	...	...	2,100	0
Sovereign Life Assurance Company	...	...	...	300	0
London Life Association	...	...	...	23,170	0
Metropolitan Board of Works	...	...	...	27,110	0
				<u>£52,680</u>	<u>0</u>

ANNUITIES.

RATCLIFF PAVEMENT COMMISSION.

Apportioned as follows :—

To Ratcliff	...	...	...	£23	14	4	*
To Shadwell	...	...	...	6	4	4	
To Wapping	...	...	...	5	1	4	
				<u>35</u>	<u>0</u>	<u>0</u>	

ASSETS.

Cash at Deposit	...	...	...	...	...	3,000	0	0
Ditto in hands of Clerk	...	...	...	...	...	32	19	0
Ditto of Surveyor	...	...	...	...	...	87	19	10
Ditto of Treasurer	...	...	...	...	...	2,366	10	2
						<u>£5,487</u>	<u>9</u>	<u>0</u>

CONTRACTS.

1876.

March 25th. Messrs Mowlem & Co., paving works	...			{ as per schedule of prices.
August 14th, Mr. C. Standan, sewers work	...	...		{ as per schedule of prices.
August 4th. Messrs P. & E. Abbott, scavenging, removal of dust, and watering	...	...	...	{ £2,325 0 0
„ Mr. C. T. Parsons, ditto	...	...	...	£1,320 0 0
„ Mr. James Rollinson, scavenging and watering	...			770 0 0

PARTICULARS OF PAYMENT OFF BY BOARDS OF AMOUNTS SECURED BY OLD BONDS, &c.

WHEN PAID OFF.			NAMES OF HOLDERS.	OLD COMMISSIONS.	AMOUNT.
1857.	18th March...	...	W. WALTON, Esq. ...	Wapping Pavement...	£300 0 0
1858.	18th October	...	J. CHARRINGTON, Esq. ...	Shadwell Pavement...	100 0 0
1859.	16th April ...	...	GEORGE WARD, Esq. ...	Ratcliff Pavement ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	WILLIAM CREW, Esq. ...	Ditto ...	200 0 0
"	"	...	THOMAS DINMORE, Esq. ...	Ditto ...	200 0 0
"	"	...	SAMUEL FOULGER, Esq. ...	Ditto ...	200 0 0
"	"	...	Miss GIBB ...	Ditto ...	200 0 0
"	"	...	MESSRS. E. & P. ARMET	Ditto ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
1859.	5th October...	...	E. HATFIELD, Esq. ...	Commercial Road Debt	191 15 6
"	"	...	J. WALKER, Esq. ...	Ditto ...	172 11 11
1860.	16th January	...	Executors of THOMAS WARD, Esq. ...	Ditto ...	0 18 10
"	"	...	Miss GIBB ...	Ratcliff Pavement ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	24th January	...	S. FOULGER, Esq. ...	Ditto ...	100 0 0
"	17th October	...	Executor of J. OLIVER, Esq. ...	Wapping Pavement...	500 0 0
1862.	10th April ...	...	Rev. THOMAS BAKER	Commercial Road Debt	1,073 18 9
"	"	...	Executors of J. FLETCHER, Esq. ...	Shadwell Pavement...	400 0 0
"	"	...	C. W. ORDE, Esq. ...	Ditto ...	300 0 0
"	"	...	Executors of THOMAS WEST, Esq. ...	Ditto ...	300 0 0
"	21st May ...	...	T. CLEGHORN, Esq. (Assignee of Miss PALMER)	Ratcliff Pavement ...	200 0 0
1863.	April 1st ...	...	Executors of J. LOUCH, Esq. ...	Shadwell Pavement...	300 0 0
1864.	December 9th	...	MESSRS. E. & P. ARMET	Ratcliff Pavement ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	Miss GIBB ...	Ditto ...	200 0 0
"	"	...	Trustees of S. FOULGER, Esq. ...	Ditto ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
1865.	March 22nd	...	Trustees of H. F. JOHNSON, Esq. ...	Commercial Road Debt	134 4 10
"	September 20th	...	JOHN HODGSON, Esq. ...	Ditto ...	824 12 7
1867.	March 13th	...	Executors of J. SHELDRIK, Esq. ...	Shadwell Pavement...	200 0 0
"	"	...	Executors of J. URQUHART, Esq. ...	Ditto ...	700 0 0
1868.	February 26th	...	Trustees of S. FOULGER, Esq. ...	Ratcliff Pavement ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	Ditto. ...	Ditto ...	200 0 0
"	"	...	MESSRS. E. & P. ARMET	Ditto ...	200 0 0
"	"	...	GEORGE WARD, Esq. ...	Ditto ...	200 0 0
"	"	...	Trustees of J. LAMBERT, Esq. ...	Ditto ...	700 0 0
1869.	March 24th	...	Trustees of J. LAMBERT, Esq. ...	Ditto ...	700 0 0
"	December 22nd	...	Miss GUNNER (Representative of Miss GALILEE)	Shadwell Pavement...	200 0 0
1870.	January 12th	...	Executors of M. C. WALKER, Esq. ...	Ditto ...	800 0 0
1873.	November 12th	...	Mrs. BRADLEY (Representative of Miss WATSON)	Wapping Pavement	1,000 0 0
1875.	January 4th	...	Miss SPENCER (Representative of Miss GIBB)	Ratcliff Pavement ...	600 0 0
					13 498 2 5

RETURN OF MONIES RAISED ON LOAN AT INTEREST.

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
1	1857, January 7	£400	£5	General Rates.	For Improvements at Wapping.	R. Stephenson.	Three Years.	The whole. £400 0 0
2	1857, January 7	£400	£5	Ditto.	Ditto.	W. Maud.	Ditto.	The whole. £400 0 0
3	1857, January 7	£400	£5	Ditto.	Ditto.	W. Walton.	Ditto.	The whole. £400 0 0
4	1857, September 2	£300	£5	Ditto.	Ditto.	R. Stephenson.	Ditto.	The whole. £300 0 0
5	1858, September 29	£1,800	£4½	Ditto.	For Paving Works in Limehouse.	Thos. Dinmore.	Fifteen Years, to be repaid by fifteen equal annual instalments.	The whole. £1,800 0 0
6, 7, & 8	1858, October 27	£3,000	£4¾	Sewer Rates.	For Sewers Work in Limehouse.	General Annuity Endowment Association (now Sovereign Life Assurance Compy.)	Twenty Years, to be repaid by twenty equal annual instalments.	£2,700 0 0
9	1859, September 21	£5,000	£4	General Rates.	For Paving Works in Limehouse.	British Empire Life Assurance Company.	Fifteen Years, to be repaid by fifteen equal annual instalments.	The whole. £5,000 0 0
10	1860, September 5	£5,000	£4½	Ditto.	Ditto.	Ditto.	Ditto.	The whole. £5,000 0 0
11	1862, July 23	£7,000	£4½	Ditto.	For Board's Offices.	Ditto.	Twenty Years, to be repaid by twenty equal annual instalments.	£4,900 0 0
12	1867, March 27	£6,000	£5	Ditto.	For Improvements at Wapping	London Life Association.	Twenty-five Years, to be repaid by twenty-five equal annual instalments.	£2,400 0 0
13	1867, October 16	£3,000	£5	Ditto.	For Improvements in Limehouse.	Ditto.	Twenty Years, to be repaid by twenty equal annual instalments.	£1,350 0 0
14	1867, October 16	£5,500	£5	Ditto.	For Improvements in Shadwell.	Ditto.	Twenty-five Years, to be repaid by twenty-five equal annual instalments	£1,980 0 0
Carried forward...		£37,800					Carried forward...	£26,630 0 0

No. 15 (Continued.)

RETURN OF MONIES

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.
15	<i>Brought forward ...</i> 1872, June 22nd	£37,800 £7,250	£3 17/6	General Rates.
16	1872, July 24	£18,000	£4 10/	Ditto.
17	1872, Augst 10	£4,000	£3 17/6	Ditto
18	1873, January 20	£2,000	£3 17/6	Ditto.
19	1873, January 20	£6,000	£3 17/6	Ditto.
20	1873, January 20	£7,250	£3 17/6	Ditto.
21	1874, October 1	£2,816 10/	£3 18/6	Ditto.
22	1874, October 1	£2,816 10/	£3 18/6	Ditto.
	<i>Carried forward</i>	£87,933		

RAISED ON LOAN AT INTEREST. (Continued.)

For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
For Improvements in Limehouse.	Metropolitan Board of Works.	<i>Brought forward ..</i> Fifty-seven Years, to be repaid as follows: £150 on 1st Oct., 1879; £142 on 1st Oct. in 50 succeeding Years.	£23,630 0 0 £6,749 0 0
For Paving the Commercial Road, the East India Dock Road, and the West India Dock Road.	London Life Association.	Twenty Years, payable by twenty equal annual instalments.	£3,600 0 0
For Improvements in Sun Tavern Gap, Shadwell.	Metropolitan Board of Works.	Fifty-seven Years, to be repaid as follows: £50 on 1st Oct., 1879; £79 on 1st Oct. in 50 succeeding Years	The whole. £4,000 0 0
Ditto.	Ditto.	Fifty-seven Years, to be repaid as follows: £50 on 1st Oct., 1879; £39 on 1st Oct., in 50 succeeding Years.	The whole. £2,000 0 0
Ditto.	Ditto.	Fifty-seven Years, to be repaid as follows: £120 on 1st Oct., 1873; £105 on 1st Oct., in 56 succeeding Years.	£135 0 0
For Improvements in Limehouse.	Ditto.	Fifty-seven Years, to be repaid as follows: £138 on 1st Oct., 1873; £127 on 1st Oct., in 56 succeeding Years.	£519 0 0
For Improvements in Wapping Wall, Shadwell.	Ditto.	Fifty-five Years, to be repaid as follows: £62 10s. on 1st Oct., 1875; £51 on 1st Oct., in 54 succeeding Years.	£113 10 0
Ditto.	Ditto.	Ditto.	The whole. £2,816 10 0
		<i>Carried forward...</i>	£46,863 0 0

RETURN OF MONIES RAISED ON LOAN AT INTEREST. (Continued.)

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
	<i>Brought forward ...</i>	£87,933					<i>Brought forward..</i>	£46,863 0 0
23	1876, February 9	£1,900	£3 18/6	General Rates.	For certain Works, viz.: the widening of High Street, Wapping, between Wapping Dock Street, and Sir William Warren's Square.	Ditto.	Fifty-four Years, to be repaid as follows—£45 on 1st Oct., 1876; £35 on 1st Oct. in 53 succeeding Years.	45 0 0 45 0 0 (in advance)
24	1876, February 9	£1,900	£3 18/6	Ditto.	Ditto.	Ditto.	Ditto.	The whole. 1,900 0 0
25	1876, March 8	£10,500	£3 18/6	Ditto.	For certain Paving Works, viz.: Commercial Road, East and West India Dock Road, and also Paving Works in Limehouse and Shadwell.	Ditto.	Fifteen Years, to be repaid as follows—£700 on 1st Oct., 1876; £700 on 1st Oct. in 14 succeeding years.	700 0 0
		<u>£102,233</u>						<u>£49,553 0 0</u>

PROPERTIES BELONGING TO THE BOARD.

Freehold Offices in White Horse Street, Ratcliff.

Freehold House and Shop in Three Colt Street, at the corner of Ropemakers Fields, Limehouse, let on lease to Mr. William Smith, for 30 years, from Midsummer, 1853, at £20 rent.

Two Leasehold Arches on the north side of the Mitre at Limehouse, and one Leasehold Arch on the south side thereof, under the London & Blackwall Railway, let to Mr. Hawkridge at £5 per annum.

Leasehold Arch under the London and Blackwall Railway, on the west side of Gill Street, Limehouse, and a piece of ground adjoining the said Arch, let to Mr. De Ritter at £4 per annum.

Five Freehold Houses, Nos. 7, 9, 11, 13, and 15, White Horse Street, Ratcliff, let on lease to Mr. Charles Arnold, for 21 years, from Michaelmas, 1865, at £47 Rent and Insurance.

Two Leasehold Arches under the London and Blackwall Railway, on the west side of White Horse Street, Ratcliff, and Ground on the North side of the said Arches, used as a stone Yard.

Leasehold Arch in Little John Street, Ratcliff, under the London and Blackwall Railway, half used as a mortuary, and the other half used as a Disinfecting house.

Piece of Freehold Land, north side of High Street, Wapping, corner of Queen's Head Alley, let to Aberdeen Steam Navigation Company, as yearly Tenants, at £10 8s. per annum.

Freehold Cottages, Nos. 1 and 2, Queen's Head Alley, Wapping, let to Mr. Heather, at £12 per annum.

Shed adjoining Nos. 1 and 2, Queen's Head Alley, Wapping, let to Mr. Heather, at 3s. 3d. per week.

Piece of Freehold Land north side of High Street, Wapping, adjoining St. John's Warehouses, let to Dundee, Perth, and London Steam Navigation Company, as yearly Tenants, at £26 per annum.

Piece of Freehold Land, north side of High Street, Wapping, adjoining the Vestry Offices, used as a Stone Yard.

No. 17.

TO THE
**BOARD OF WORKS FOR THE LIMEHOUSE
DISTRICT.**

DEPARTMENT OF WORKS,

OFFICES,

WHITE HORSE STREET,

COMMERCIAL ROAD EAST.

GENTLEMEN,

I beg to submit to you my Report upon the Works executed in the District from Lady-day, 1876, to Lady-day, 1877.

SEWERS.

New Sewers have been constructed of the following lengths and sizes, viz. :—

PIPE SEWERS.

Stepney Causeway, Ratcliff—12in. 140ft.; 9in. 14ft.; 6in. 38ft.

Church Street, Wapping—12in. 178ft.; 9in. 10ft.; 6in. 24ft.

Brewhouse Lane, Wapping—12in. 503ft.; 6in. 38ft.

About 12,000 feet of Brick Sewers, and 27,000 feet of small Brick and Pipe Sewers have been flushed by the men employed by the Board.

10 Gully Pans have been fixed.

7 new Gullies constructed.

1 „ re-constructed.

23 „ altered and repaired.

11 new Gully Grates supplied.

220 ft. of 6-in. pipe drain, to connect the same with the Sewers.

3 Manholes altered.

2 new Flushing Boxes have been fixed.

3 Flushing Shafts cleansed and repaired.

1 new side entrance flap.

1 new side valve.

The following Sewers have been cleansed by the Contractor of the Board, viz. :—

400 feet of 18-in. pipe in Limehouse.

246 „ 12-in. „ „

14 „ 9-in. „ „

38 „ 6-in. „ „

All the Gullies in the District have been periodically emptied, and filled with water.

HOUSE DRAINAGE.

115 houses (including 38 new erections and other buildings) have been connected with the Sewers, and the following works executed in connection therewith, viz. :—

687 feet of 9-inch pipe drains laid.

4,705 „ 6-inch do.

1,082 „ 4-inch do.

77 Closet pans and traps fixed.

185 Sinks and traps fixed.

Inspections are being constantly made by the Inspectors, under my direction, from house to house throughout the District, for the purpose of ascertaining what Cesspools remain, and whether any defective drains exist.

PAVING.

New footway Paving has been laid down as follows, viz. :—

LIMEHOUSE. —Passage at side of “David and Harp,” Fore

Street ; White Horse Street, between Wilson Street and Cayley Street.

RATCLIFF.—White Horse Street, up to the new line of Improvement.

WAPPING.—High Street, up to the new line of Improvement. Old footway Paving has been relaid as follows :—

LIMEHOUSE.—Mill Place ; Halley Street, in front of St. John's " Board Schools ;" Three Colt Street, next the " King and Queen" Public-house ; Burdett Road, up the Bridge.

RATCLIFF.—Parts of Durham Row ; Church Row ; East side of Bromley Street ; West side of Belgrave Street ; part of Narrow Street.

SHADWELL.—Lower Shadwell ; King Edward Street.

New carriage-way Paving has been laid down as follows :—

RATCLIFF.—White Horse Street, up to the new line of Improvement.

WAPPING.—High Street, up to the new line of Improvement. Old carriage-way Paving has been relaid as follows :—

LIMEHOUSE.—Rhodeswell Road ; Church Row ; Copenhagen Place.

RATCLIFF.—Part of Butcher Row ; part of Brook Street.

SHADWELL.—Part of Cable Street ; Old Gravel Lane ; adjoining boundary of Wapping and St. George ; King Edward Street.

WAPPING.—Old Gravel Lane.

Carriage crossings have been formed at the following places, viz. :—

LIMEHOUSE.—Messrs. Russell's premises, Stainsby Road ; Ropemakers' Fields.

RATCLIFF.—69, Broad Street.

SHADWELL.—Messrs. Ashby and Horner's premises, Sun Tavern Gap.

LIGHTING.

The number of public Lamps in the District is 795, being an increase of 5 since Lady-day, 1876.

PUBLIC URINALS.

A new Urinal, with two compartments, has been constructed next the "Ship" Public-house, Three Colt Street, Limehouse.

The Urinal lately at the corner of York Road, Ratcliff, has been removed, and a slate urinal with four compartments, lighted with a Lamp, has been erected at the South east corner of York Street East.

The Urinals are flushed and cleansed with water by men employed by the Board, and have been maintained in good order.

CLEANSING & WATERING.

The principal paved streets are cleansed daily, and the others not less than twice a week.

During the past season the whole of the streets have been constantly watered by the Contractors with water from the East London Water Works.

With reference to the performance of the duties of the Inspector for No. 2 District, vacant by the resignation of Inspector Burgin, a scheme was proposed by me and adopted by the Board as follows, viz. :—

The Inspectors for Nos. 1 and 3 Districts have been relieved from the duty of superintending the cleansing and watering of their Districts, and they have been appointed for sanitary and street purposes Inspectors of 2 Districts—No. 1 including Limehouse and that part of Ratcliff North of the Commercial Road, and No. 2 District comprising that part of Ratcliff South of the Commercial Road, and Shadwell and Wapping; and an Inspector has been appointed for the whole of the District (except the Commercial and East and West India Roads) to superintend the cleansing and watering. The sweepers have been divided into gangs for the whole of the District, irrespective of parishes, with a ganger to each gang. The alterations thus made have hitherto worked satisfactorily.

WATER TROUGHS.

The question of the necessity for Water Troughs in the Commercial Road was considered, and the Board being of opinion that it would be desirable to erect two Cattle Troughs at the East and West ends of the Urinal at the junction of the East and West India Dock Roads, arrangements were made with the Drinking Fountain and Cattle Trough Association to put up two troughs, upon condition that the Board pay to the Association towards the cost the sum of £50, and also upon condition that the design be first approved by the Board, and arrangements made for keeping the troughs fit for use. The troughs have been erected accordingly, and the sum of £50 has been paid to the Association for the granite, pursuant to the arrangement. The cost of the water, management, repairs, &c., is defrayed by the Association.

RE-NAMING STREETS & RE-NUMBERING HOUSES THEREIN.

The Metropolitan Board of Works have made orders for re-naming certain streets in the District, and for re-numbering the houses therein, viz. :—

John Street, Limehouse,	to be re-named	"Endive Street."
Risbie's Rope Walk,	„	"Northey Street."
Mary Street,	„	"Dora Street."
Francis Street,	„	"Farrance Street."
Frederick Street,	„	"Galt Street."
Spread Eagle Street,	„	"Gill Street."
West Street,	„	"Lance Street."
East Row,	„	"Chusan Place."
East Church Row,	„	"Amoy Place."
Arthur St., Burdett Rd.,	„	"Pixley Street."
Cotton Street,	„	"Locksley Street."
Catherine St., Limehouse Fields	„	"Maroon Street."
William Street, York Square,	}	"Raby Street."
Ratcliff,		

and the houses in all such streets to be re-numbered.

Parnham Street, Dod Street, Jamaica Place, Island Row, Salmon Place, King John's Court, to be re-numbered.

Fore Street and Narrow Street to be incorporated under the latter name.

Railway Buildings, Limehouse, to be re-named Stocks Place.

Spring Garden Place and Bere Street, Ratcliff, to be re-numbered.

Bath Street, Ratcliff, to be re-named "Thirza Street."

William Street, ,, ,, " Ronald Street."

Queen Street, ,, ,, " Medland Street."

Sun Tavern Gap, Shadwell ,, " Glamis Road."

Orders have been served upon the occupiers of the houses in the said thoroughfares to alter their numbers, and where streets have been re-named new name plates have been put up.

IMPROVEMENTS.

THE WIDENING OF PART OF THE WEST FOOTWAY OF BIRCHFIELD TERRACE.—Pursuant to the instructions of the Board, negotiations were entered into with the Owners of the two small pieces of ground required to effect this Improvement, as to the price they would respectively require for the same; ultimately it was agreed to pay them £10 each, on condition that the Board made the necessary alterations in the iron railings. Arrangements for carrying out the Improvement are being made.

PROPOSED IMPROVEMENT IN BEN JONSON ROAD.—A communication having been addressed to the Board by the Vestry of the Hamlet of Mile End Old Town, requesting the co-operation of this Board in a joint application to the Metropolitan Board of Works, for the opening up and improvement of Ben Jonson Road, partly in Mile End Old Town, and partly in this District, as a Metropolitan Improvement, a Meeting was arranged and took place between Deputations appointed by the Vestry and the Board, after which the Board resolved to co-operate with the

Vestry in memorializing the Metropolitan Board to widen the west end of Ben Jonson Road, as a Metropolitan Improvement.

WHITE HORSE STREET IMPROVEMENT.—This Improvement has been completed, and the sum of £300 (the purchase money) has been paid for the Land, and £150 the agreed contribution of the Metropolitan Board, towards the Improvement, has been received from that Board.

WAPPING (BETWEEN WAPPING DOCK STREET, AND SIR WILLIAM WARREN SQUARE).—The sum of £1,900—the agreed contribution of the Metropolitan Board, towards the Improvement, has been written off the Loan of £3,800 made by the Metropolitan Board, to this Board.

LAND ADJOINING WAPPING WORKHOUSE.—As negotiations were taking place for the sale of Wapping Workhouse, it appeared desirable to the Board that certain pieces of Land adjoining the Workhouse should be purchased by the Board, for the widening of part of Upper Well Alley, &c., before the Workhouse property was sold. The Board resolved to purchase such pieces of Land at a sum not to exceed £100 ; and in the event of the purchase being completed, that arrangements be made for severing the said pieces of Land from the other part of the Workhouse property, and for enclosing the same.

BILLS IN PARLIAMENT.

LONDON AND BLACKWALL RAILWAY. LOOP LINE AT LIMEHOUSE.—A Bill has been promoted in Parliament to authorize the construction of a branch Railway at Limehouse, and to make certain alterations in the London and Blackwall Railway. A Petition has been presented on behalf of the Board, with a view to the insertion of such clauses as are necessary for the protection of the interests of the District.

REGENT'S CANAL AND DOCK COMPANY.—A Bill has been promoted in Parliament by the Regent's Canal and Dock Company, for abandoning their Act of 1875, and an agreement signed by two

of the Directors of the Company having been entered into with the Board, providing amongst other things for the payment by the Company of the costs and expenses incurred by the Board in opposing the Bill, but the Company having neglected to pay the costs, a Petition was ordered by the Board to be presented against the Bill, with the view to procure payment of such costs and expenses incurred by the Board in opposing the Bill of 1875.

THAMES SUBWAY.—A Bill has been promoted in Parliament to authorize the construction of a Subway for foot passengers, between Thames Place, Poplar, and Rotherhithe, and as such proposed Subway (although not within the Limehouse District) would be of great public utility, and beneficial to the interests of the District, the Board ordered a Petition to be presented in favor of such Bill, and that if necessary, evidence be given before the Committee.

METROPOLITAN BOARD.—**METROPOLIS MANAGEMENT ACTS' AMENDMENT BILL.**—A Bill has been promoted by the Metropolitan Board of Works, to amend the Metropolis Management Act 1855, and the Acts' amending the same, so far as relates to the protection of the Metropolis from floods, inundations, &c., caused by the overflow of the Thames, and for other purposes. As the provisions of the Bill affect the Limehouse District very seriously, the matter has been referred to the Works and Survey Committee for consideration and report.

THAMES RIVER (PREVENTION OF FLOODS) BILL.

Several meetings of Delegates from the Vestries and District Boards of St. Saviour's, Fulham, Lambeth, Rotherhithe, St. Olive's, Wandsworth, and this Board, were held at the St. Saviour's District Board Offices, for the purpose of considering and discussing the provisions of the proposed measure, and the following resolutions were passed :—

1. That in the opinion of this conference the Riverside Vestries and District Boards should inform the Metropolitan Board of Works that they object to that Board obtaining powers from Parliament for compelling the Local Authorities to construct and maintain all such works as that Board may think necessary to prevent the waters of the River Thames from flooding over the walls and defences abutting thereon, and also to that Board being empowered to compel the Local Authorities, in default, to pay the costs incurred in carrying out such works.

2. That the Metropolitan Board be requested to furnish the Riverside Vestries and District Boards of Works with a copy of the proposed Bill before submitting the same to Parliament.

3. That a copy of the foregoing Resolutions be forwarded to the Metropolitan Board of Works.

A conference was also held at the Lambeth Vestry Hall upon the subject, when a Resolution was passed (in which the Representatives of this Board took no part), expressive of opinion that the Bill should be opposed on the ground that it would be unjust to the Riverside parishes, and that the costs to be incurred should be made a charge upon the whole of the Metropolis.

It was ultimately resolved by this Board to present a petition against the Bill, in order that the Board might be in a position to give evidence in opposition to its provisions ; and a petition has accordingly been presented against such Bill, with a view to the protection of the interests of the District.

HIGH TIDES.

With regard to the question of raising Union Stairs, I, with Mr. Nathan, the Chairman of the Board, had an interview with Sir J. Bazalgette, who stated that the Metropolitan Board could not undertake the liability of preventing the flooding of any public place under the jurisdiction of the Local Authorities. Pursuant to the instructions of the Board, I made temporary arrangements for

preventing the tide flowing over the Stairs, by having a gate fixed across the passage, which is shut on every occasion of high tide.

By Order of the Board, a letter was addressed to the Metropolitan Board, suggesting that that Board should purchase the house over Union Stairs, to enable the passage way to those Stairs to be raised and widened, so as to keep out the water from the Thames ; and a reply has been received from the Metropolitan Board stating that the Vestries and District Boards being liable under the Metropolis Local Management Act for the raising and management of all public Docks and Stairs, and that many of such bodies (including the Limehouse District Board) having already executed such works, that Board saw no reason why an objection should be made to the general rule in the case referred to.

PROPOSED COMMUNICATION BETWEEN NORTH AND SOUTH OF THAMES.

A Letter having been received from the Whitechapel District Board of Works, with reference to the question of obtaining an efficient mode of communication between the North and South sides of the River Thames, at some point below London Bridge, inviting the aid and co-operation of this Board with a view to urging upon the Metropolitan Board the consideration of the subject, a Committee has been appointed by this Board to confer with Committees appointed by the Whitechapel District Board and the Vestry of St. George's-in-the-East upon the subject.

NEW BRIDGE & PLATFORMS AT STEPNEY STATION.

The works in connection with the construction of the new Bridge across the Commercial Road, and the new Platforms across York Street East and York Road have been completed, except in minor matters, and the Station opened for general traffic.

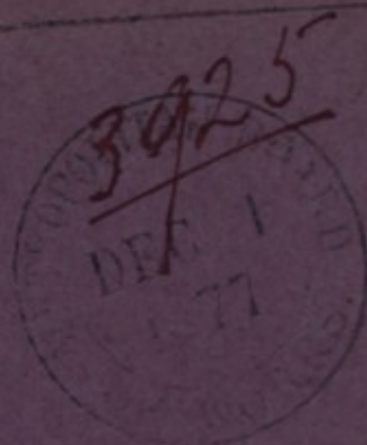
I am, GENTLEMEN,

Your most obedient Servant,

CHARLES DUNCH,

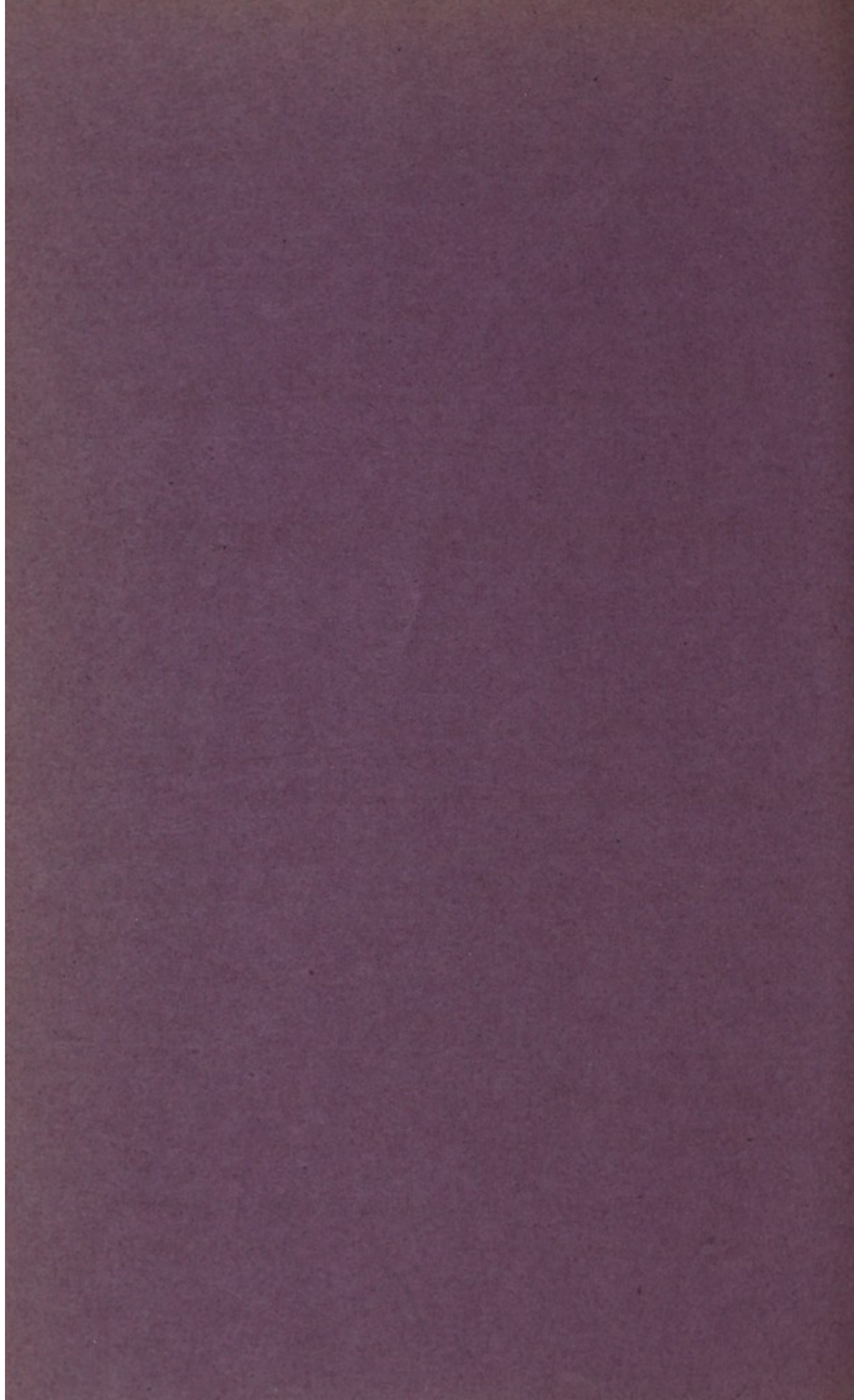
Surveyor of the Board.

RECEIVED TO BOARD
11 JAN 1878



BOARD OF WORKS
FOR THE
LIMEHOUSE DISTRICT.

*REPORT of the MEDICAL OFFICER of HEALTH for
the year 1876.*



11 JAN 1878

TO THE

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

GENTLEMEN,

I have the honour to submit to you my Report on the Sanitary condition of your District during the year 1876.

In that period there were registered in the District 2,197 Births and 1,266 Deaths. From this number of Deaths there must be deducted 28—the number of deaths of non-residents in the District, which occurred in the East London Hospital for Children—and to the remainder (1,230) must be added 204, the number of deaths of residents in the District which occurred in Institutions outside it. We therefore obtain a total of 1,434 deaths as representing the mortality in the Limehouse District during the year.

The following Table shows the population, the number of inhabited houses, and the number of births, deaths, and marriages

in the District in the year 1876, and ten years preceding :—

Population estimated at the middle of the year 1876, 58,700	No. of Inhabited Houses in Parish or District. 7,820	Births. 2,202	Deaths. 1,434	Marriages. 522
1875	7,820	2,167	1,518	593
1874	7,816	2,082	1,361	624
1873	7,816	2,070	1,483	606
1872	7,816	2,048	1,096	608
1871	7,816	2,082	1,227	579
1870	7,462	1,980	1,236	578
1869	7,462	1,938	1,513	526
1868	7,462	2,055	1,335	554
1867	7,462	2,029	1,176	657
1866	7,462	2,037	1,852	722
Average of 10 yrs. 1866—75	7,639	2,048	1,379	604
NOTES.				
1. Population at Census 1871, 57,690.				
2. Area in Acres, 576.				
3. Average No. of persons in each house at Census 1871, 7.5.				

From a perusal of this Table it will be seen that the births and deaths were above, and the marriages below the average of the preceding ten years. Of the deaths 655 occurred in Limehouse, 363 in Ratcliff, 212 in Shadwell and Wapping, 188 in the Stepney Sick Asylum, 9 in the Smallpox Hospital, and 7 in the Fever Hospitals. Estimating the population of the Parish of Limehouse at about 31,000, that of the Hamlet of Ratcliff at 16,130, and that of the parishes of Shadwell and Wapping at 11,640, and distributing the deaths that occurred in Institutions outside the District among the parishes according to their population, we obtain a death-rate in Limehouse of 24.3 per 1,000 ; in Ratcliff one of 26 per 1,000 ; and in Shadwell and Wapping one of 21.5 per 1,000. By referring to

the tables of mortality in the Appendix, it will be seen that the deaths from Zymotic diseases in Limehouse were at the rate of 4.2 per 1,000 ; in Ratcliff at the rate of 4.7 per 1,000 ; and in Shadwell and Wapping at the rate of 4.3 per 1,000 population per annum. It will be found that Constitutional diseases caused a mortality in Limehouse and Ratcliff equal to 3.6 per 1000, and in Shadwell a death-rate of 2.4 per 1,000. In Limehouse the death-rate from Local diseases was 10 per 1,000 ; in Ratcliff it was 11.2 per 1,000 ; and in Shadwell and Wapping it was 7.2 per 1,000. From Diseases of Development the mortality in Limehouse was 2.4 ; in Ratcliff 1.8 ; and in Shadwell and Wapping 1.6 per 1,000. I wish, however, to draw your particular attention to the infant mortality of the different parishes composing your District. You will find, on referring to the Tables in the Appendix, that the deaths of children under five years of age in Limehouse give a rate of mortality equal to 10 per 1,000, in Ratcliff a rate equal to 13 per 1,000, and in Shadwell and Wapping a rate of 9 per 1,000. From the foregoing statements it will be seen that from whatever point of view we look at the matter, either in relation to the deaths from Zymotic, Constitutional, or Local diseases, or in connection with the infant mortality, or taken as a whole, Ratcliff presents the highest death-rate. For an explanation of this fact, I think it sufficient to draw your attention to the condition of the houses in a portion of the Hamlet. In a section bounded on the North by Brook Street, on the South by Broad Street, on the East by Butcher Row, and on the West by Collingwood Street, there exists a nest of courts and alleys tenanted by the poorest of the poor. The houses in this area are for the most part in a ruinous condition ; the ventilation

of them is totally inadequate to the requirements of their numerous inhabitants; the necessary offices are of a most primitive and meagre description; and in short I am of opinion that it would be difficult to find in the whole Metropolis a worse property than there exists. The area is inhabited by about 800 persons, and the death-rate among these people is about 36 per 1,000. I have no hesitation in saying that the existence of this area is one of the causes of the high death-rate in the Hamlet. Things are so bad there that I was induced to make a report concerning it to the Metropolitan Board of Works, under the provisions of the Artisans' and Labourers' Dwellings' Act, 1872; and I am sanguine of success in my endeavour to bring about a more sanitary condition of affairs.

The following Table shows the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions during the past year and seven years preceding:—

	Birth Rate per 1,000 of the population.	Annual Rate of Mortality, per 1,000 living.	Deaths of Children under 1 year; per centage of Total Deaths.	Per centage of deaths of Children under 1 year to Registered Births.	Deaths of Children under 5 years; per centage of Total Deaths.	Total Number of Deaths in Public Institutions.
1876	37	24.5	29	17	53	250
1869	32	25	28	22	57	190
1870	35	21	28	17	50	190
1871	34	21	26	16	48	190
1872	35	19	29	15	52	190
1873	36	23	27	19	50	200
1874	36	21	25	16	46	176
1875	37	25.8	28	19	47	204
Average of 7 years. 1869—1875	35	22	27	18	50	191

From an examination of this Table it will be apparent that the birth-rate for the year was above the average of the preceding years; that the death-rate, though above the average, was below the rate for the preceding year; and that the death-rate among children was higher than the average and than the corresponding rate of last year. The following Table, exhibiting as it does the mortality from certain classes of disease, and proportions to population, and to 1,000 deaths, will assist us in coming to a conclusion as regards the mortality among children :—

	Total Deaths.	Deaths per 1,000 of Population.	Proportion of Deaths to 1,000 Deaths.
1. Seven Principal Zymotic Diseases	198	3.4	156
2. Pulmonary Diseases..... (<i>other than Phthisis.</i>)	294	5.0	232
3. Tubercular Diseases.....	175	3.0	138
4. Wasting Diseases of Infants .	125	2.1	99
5. Convulsive Diseases of Infants	128	2.1	101
NOTES.			
1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever, and Diarrhœa.			
3. Includes Phthisis, Scrofula, Rickets, and Tabes.			
4. Includes Marasmus, Atrophy, Debility, want of Breast Milk, and Premature Birth.			
5. Includes Hydrocephalus, Infantile Meningitis, Convulsions, and Teething.			

From a perusal of this Table, it will be evident that though the total deaths, and consequently the deaths per 1,000 of the population, were less in the year 1876 than in the year preceding, yet the proportion of deaths to 1,000 deaths was higher than in

the preceding year, with the exception of the deaths from Zymotic diseases, and the Convulsive diseases of infants. In other words, the deaths from Pulmonary diseases (other than Phthisis), Tubercular diseases, and the Wasting diseases of infants, are in increased proportion per 1,000 deaths. In 1875 of every 1,000 deaths 198 were due to Pulmonary diseases (other than Phthisis), 124 to Tubercular diseases, and 81 to Wasting diseases of infants. In 1876 two hundred and thirty-two of every 1,000 deaths were due to Pulmonary diseases, 138 to Tubercular diseases, and 99 to Wasting diseases of infants. As regards the deaths from Pulmonary diseases, the same relative mortality between the deaths under 5 years and above obtains in each of the years 1875—76, so that the increase has not been in the section under 5 years more than in the section above that age. From this fact we must conclude that inflammatory affections of the lungs were more fatal to persons of all ages in the year 1876 than they were in the preceding year. The deaths from Tubercular diseases do not throw any light on the matter; but when we come to the consideration of the deaths from Wasting diseases of infants, we find an increase of 18 in the proportion of deaths to 1,000 deaths. This is a large increase, and accounts, in my opinion, to some extent for the increased infant mortality. Now by referring to the foot note, we shall find that these Wasting diseases include Marasmus, Atrophy, Debility, Want of Breast Milk, and Premature Birth; and considering the habits of a large portion of the population over which you possess sanitary jurisdiction, I must say that I am not surprised at this result. Close, ill-ventilated dwellings; insobriety and want of thrift; the

absence of the mother to earn her contribution to the family means ; ignorance, poverty, and dirty habits, all contribute to this lamentable state of things.

The following Table exhibits the number of deaths from the seven principal Zymotic diseases in the 7 years 1869 to 1875, and in the year 1876 :—

Disease.	1869	1870	1871	1872	1873	1874	1875	Annual Average of 7 years. 1869—1875	Proportion of Deaths to 1,000 Deaths in 7 years. 1869—1875	1876	Proportion of Deaths to 1,000 Deaths in 1876.
Smallpox	29	34	110	8	3	0	0	26	19.5	13	9
Measles	27	12	30	40	65	36	20	33	24.3	36	25
Scarlet Fever	152	43	18	19	19	105	48	58	42.8	43	30
Diphtheria	9	4	4	2	4	4	1	4	2.9	4	2.7
Whooping Cough .	89	44	47	49	70	30	79	58	43.2	31	21
Fever.....	12	21	18	13	19	26	15	18	13.0	22	15
Diarrhœa	65	73	67	64	85	45	77	68	50.4	65	45
Total	383	231	294	195	265	246	240	265	196.1	214	147.7

From an examination of this Table, it will be seen that the deaths from Smallpox, though below the average of the last seven years, were above the number in any year since 1871. That the deaths from Measles were slightly above, and the deaths from Scarlet Fever considerably below, the average of the last seven years. That the deaths from Diphtheria represented the average. That the deaths from Whooping Cough were considerably below the average, the deaths from Fever slightly above it, while the deaths from Diarrhœa very nearly represented the average of the last seven years.

Sanitary Work.

Various parts of the District have required my special attention during the year, on account of defective sanitary arrangements. Among them I may mention Five Bell Alley, Timbery Place, Catherine Street, May's Row, Harris Court, Salmon's Lane, and Ratcliff Square. I have reported to your Board regarding these localities on several occasions, and proceedings have been adopted which have been productive of an improved condition of the places in question. The Limehouse Cut has been frequently inspected, with the result of convincing me that the past agitation concerning its condition has caused a more frequent and efficient cleansing of the Cut, and consequently a considerable abatement of the effluvium for which the stream was notorious. The diversion of the sewage from the Canal has of course contributed greatly to this result.

The Ratcliff dead-house, both as regards site and condition, came under my consideration, and I had no hesitation in reporting to you that I considered its situation open to serious objections; but in view of the difficulty experienced in finding a site suitable for the erection of a mortuary in the District, it was decided to take steps for the improvement of the condition of the existing dead-house. It is a matter which will recommend itself to your consideration.

About the middle of November it became apparent that the District, in common with the rest of the Metropolis, was about to suffer from an outbreak of Smallpox in an epidemic form. During the latter part of the month and December, the number of cases

increased rapidly, until at the end of the year no fewer than 51 cases had been reported to me. Your Sanitary staff was actively engaged in carrying out measures for the limitation of the disease, among the principal of which I may mention the urging the early removal of the infected to Hospital, and the recommending the vaccination of the unvaccinated, and the re-vaccination of all who had reached the age of puberty. Disinfectants were freely distributed, bedding, clothing, &c., were fumigated in the infected houses, and were afterwards removed in a covered hand waggon to the disinfecting chamber, there to undergo a more effective disinfection by heat. No less than 980 articles were thus dealt with. With one or two exceptions the removal of the patients to the Hospitals was effected by the Stepney Union officials. In the exceptional cases alluded to the patients were removed in the Union ambulance to the Smallpox Hospital at Highgate, all cost being defrayed by their friends.

The Cowsheds and Slaughter-houses in your District were inspected prior to the day for licensing the same. The defects observed in them having been remedied, the licenses applied for were granted.

For a detailed statement of the routine work performed, I beg to refer you to Table 5 in the Appendix.

Adulteration of Food Act.

During the year 103 samples of food and drink were examined at the Laboratory, viz., 20 of milk, 12 of bread, 3 of cocoa, 5 of

vinegar, 3 of flour, 3 of ground ginger, 4 of isinglass, 3 of sago, 3 of Scotch whiskey, 6 of porter, 3 of tapioca, 3 of arrowroot, 10 of mustard, 9 of butter, 5 of tea, 3 of coffee, 4 of pepper, and 4 of oatmeal. Six samples of milk, 1 sample of bread, 2 samples of vinegar, 2 of isinglass, 3 of arrowroot, 1 sample of coffee, and 1 of pepper were adulterated. The milks were adulterated with water, the bread with alum, the vinegar with sulphuric acid (over and above the quantity allowed by law, viz., 1 part sulphuric acid in 1,000 parts vinegar.) It would be better to describe the isinglasses as substitutions, since they consisted entirely of gelatine; the same remark applies to the arrowroots, as they were composed of potato starch. The coffee was mixed with chicory, and the pepper with sand. No proceedings were taken, as the adulterated articles, I am informed by the Inspectors, were purchased under circumstances which would have rendered a conviction improbable. The remainder of the samples were genuine.

I am,

GENTLEMEN,

Your obedient Servant,

GEORGE ARTHUR ROGERS,

Medical Officer of Health,

and Food Analyst.

Board of Works Offices, 1877.

TABLE I.

Deaths Registered at several groups of ages from Different Causes During the Year 1876.

AGES.

[illegible]

Cause of Death.	Under 3 months	AGES.													Total under 5 Years.	TOTAL.
		0 to 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 to 95	95 and upwards		
Class 3. LOCAL DISEASES, continued																
Order 2. — Organs of Circulation																
1 Pericarditis	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..
2 Aneurism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Heart Disease, &c.	..	1	..	..	2	2	3	4	3	7	3	2	..	..	1	27
Order 3. — Respiratory Organs.																
1 Laryngitis	..	..	2	1	..	..	..	..	..	..	..	..	..	..	3	3
2 Bronchitis	9	26	12	9	2	..	..	1	6	14	10	6	2	..	56	97
3 Pleurisy	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	2
4 Pneumonia	1	5	7	7	7	3	2	3	6	5	3	..	..	..	20	49
5 Asthma	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
6 Lung Disease, &c.	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2
Order 4. — Digestive Organs.																
1 Gastritis	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
2 Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Peritonitis	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
4 Ascites	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Ulceration of Intestines	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Hernia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7 Ileus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 Intussusception	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
9 Stricture of Intestines	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10 Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11 Stomach Disease, &c.	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	6
12 Pancreas Disease, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Hepatitis	..	..	..	..	..	..	..	1	1	..	2	1	..	..	..	5
14 Jaundice	1	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2
15 Liver Disease, &c.	..	..	..	1	..	..	2	1	2	..	..	..	..	..	..	6
16 Spleen Disease, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 5. — Urinary Organs.																
1 Nephritis	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
2 Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Bright's Disease (Nephria)	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	3
4 Diabetes	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
5 Calculus (Stone)	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
6 Cystitis	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
7 Kidney Disease, &c.	..	..	..	1	1	1	..	1	..	2	..	..	..	..	..	6
Order 6. Organs of Generation.																
1 Ovarian Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Uterus Disease, &c.	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	3
Order 7. Organs of Locomotion.																
1 Synovitis (Arthritis)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Joint Disease, &c.	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	2
Order 8. — Integumentary System																
1 Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Ulcer	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
3 Skin Disease, &c.	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	3
Class 4. DEVELOPMENTAL DISEASES																
Order 1. — Diseases of Children.																
1 Premature Birth	17	..	..	..	..	..	..	..	..	..	..	..	..	..	17	17
2 Cyanosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
3 Spina Bifida	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Other Malformations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	15
5 Teething	..	6	6	3	..	..	..	..	..	..	..	..	..	..	..	..
Order 2. — Adults.																
1 Paramenia	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	5
2 Childbirth (see Puerperal Fever)	..	..	..	..	3	1	..	1	..	..	..	..	..	..	..	..
Order 3. — Old People.																
1 Old Age	..	..	..	..	..	..	..	..	..	6	6	4	..	..	..	16
Order 4. — Nutrition.																
1 Atrophy and Debility	13	6	..	..	..	..	..	..	..	..	..	..	..	..	19	19
Class 5. VIOLENT DEATHS																
Order 1. — Accident or Negligence																
Fractures and Contusions	..	..	..	1	..	1	..	..	..	2	..	..	..	..	..	4
2 Wounds } Gunshot	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
} Cut, Stab	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Burns and Scalds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Poison	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	11
5 Drowning	..	1	..	1	2	3	4	..	..	..	..	..	..	..	5	5
6 Suffocation	3	..	2	..	..	..	..	1	1	..	..	..	..	..	..	3
7 Otherwise	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Order 3. — Homicide																
Order 4. — Suicide																
Causes not specified or ill-defined ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

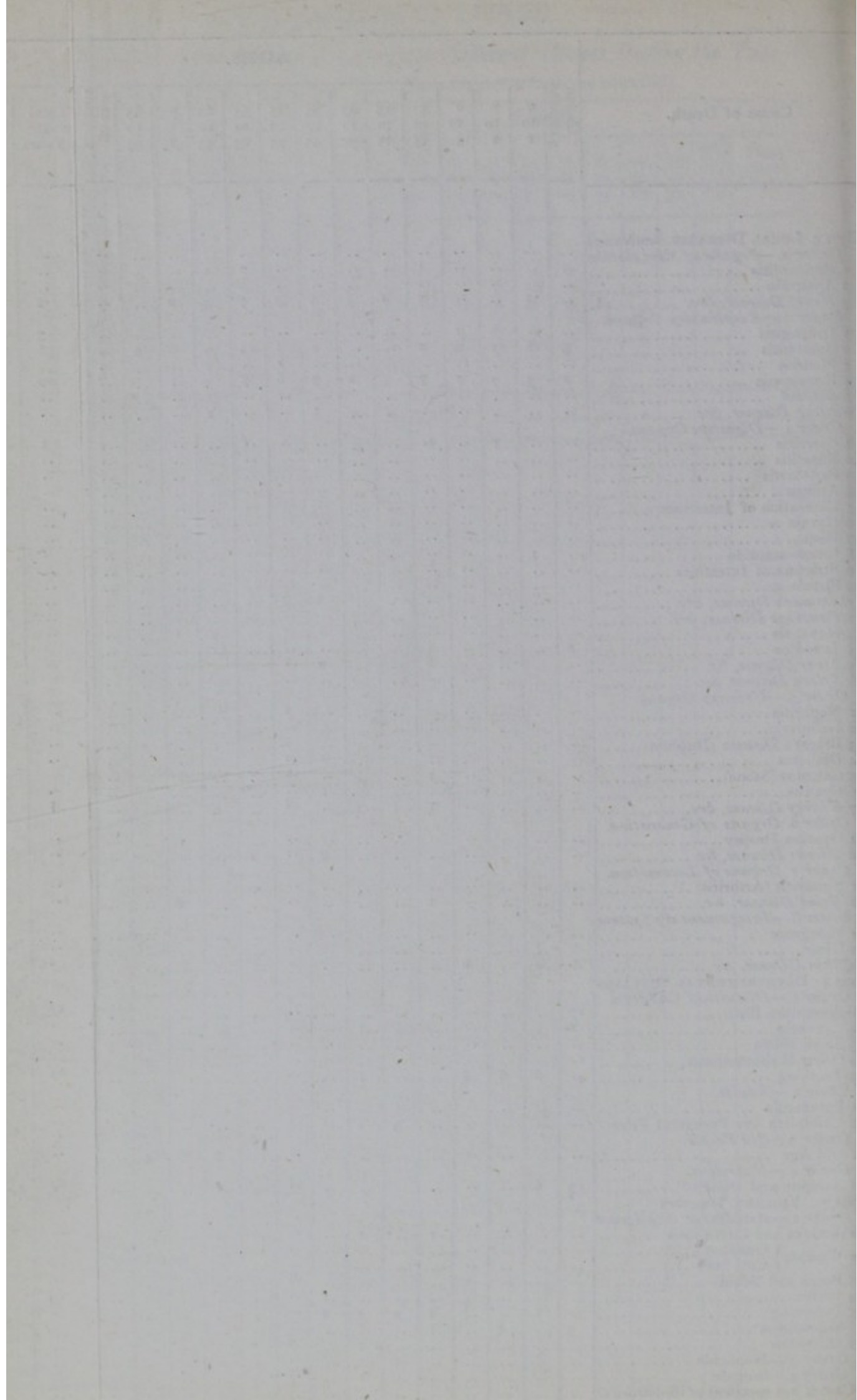


TABLE II.

Deaths Registered at several groups of ages from Different Causes During the Year 1876.

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[illegible]

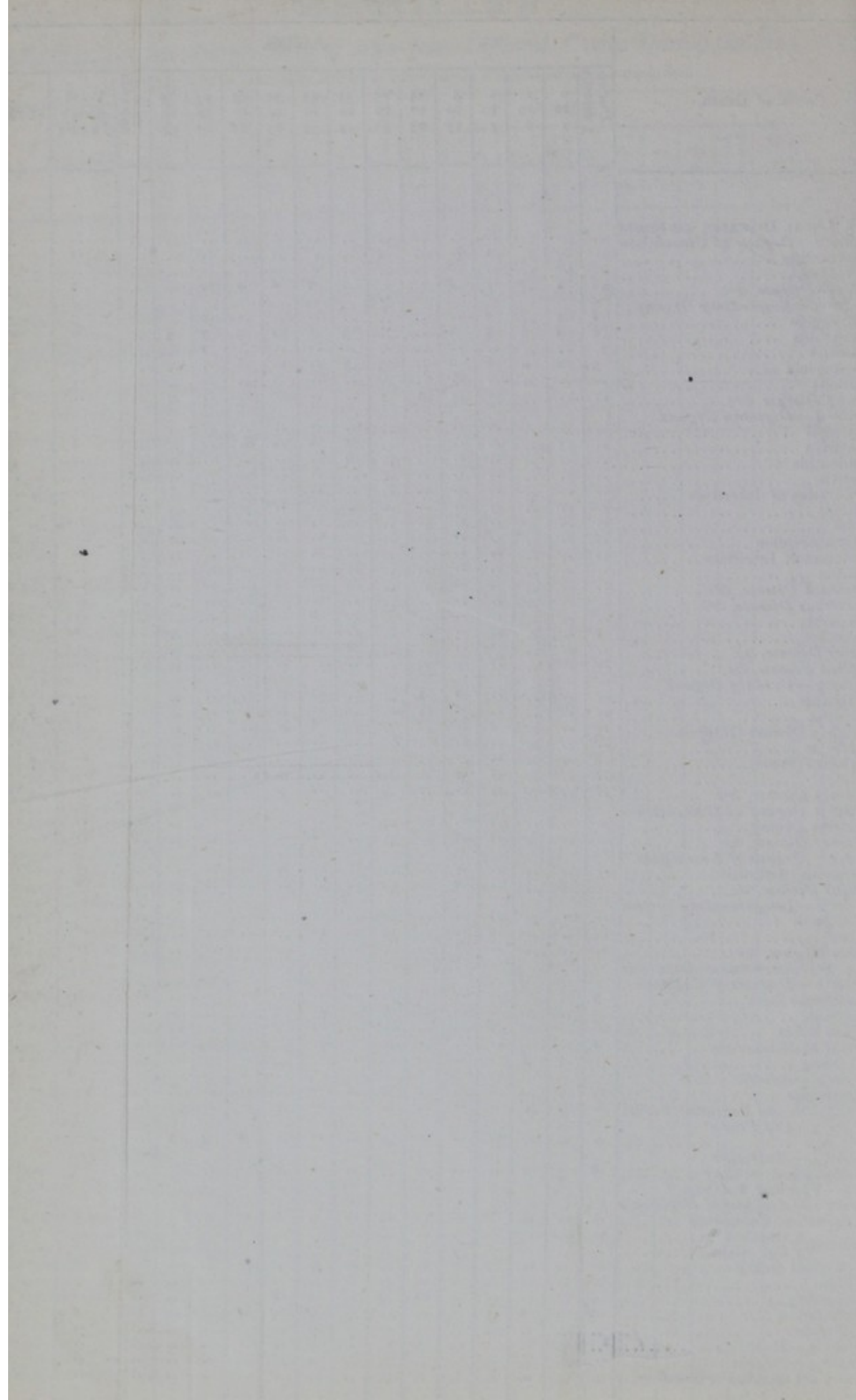


TABLE III.

SHADWELL & WAPPING.

Deaths Registered at several groups of ages from Different Causes During the Year 1876

Note.—The Deaths in Public Institutions of non-Residents are excluded.

Cause of Death.	AGES.														Total under 5 Years.	Tot
	Under 3 months	0 to 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 to 95	95 and upwards		
CLASSES.																
I. ZYMOTIC DISEASES.....	5	12	16	8	6	1	1	..	..	1	..	..	..	..	41	107
II. CONSTITUTIONAL DISEASES..	2	5	3	..	2	1	3	5	1	3	1	1	1	..	14	1
III. LOCAL DISEASES.....	9	5	11	10	4	2	4	5	6	17	6	4	1	..	35	4
IV. DEVELOPMENTAL DISEASES..	9	2	2	..	..	..	..	1	..	..	2	2	1	..	11	15
V. VIOLENT DEATHS.....	5	2	1	..	3	7	5	4	3	1	..	..	..	..	8	7
Not specified or ill-defined ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS	30	26	33	18	15	11	13	15	10	22	9	7	3	..	107	21
Class 1. ZYMOTIC DISEASES.																
Order 1.—Miasmatic.																
1 Smallpox	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	1
2 Measles	..	3	7	4	..	..	..	..	..	..	..	..	..	..	14	1
3 Scarlet Fever (Scarlatina) ..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	4	1
4 Diphtheria	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..
5 Quinsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Croup	..	..	1	1	3	..	..	..	..	..	..	..	..	..	..	..
7 Whooping Cough	2	2	4	..	1	..	..	..	..	..	..	..	..	..	9	8
8 { Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 { Enteric or Typhoid Fever ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
8 { Simple Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9 Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10 Puerperal Fever (Metria) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11 Carbuncle	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
12 Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14 Diarrhoea.....	1	4	2	..	..	..	..	..	..	..	..	..	..	..	7	..
15 Cholera.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16 Ague.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17 Remittent Fever	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
18 Rheumatism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19 Other Zymotic Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Enthetic.																
1 Syphilis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2 Stricture of Urethra.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Glanders	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 3.—Dietic.																
1 Privation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Want of Breast Milk	1	2	..	..	..	..	..	..	..	..	..	..	..	..	3	..
3 Purpura and Scurvy.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Alcoholism { a Del. Tremens....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Alcoholism { b Intemperance....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 4.—Parasitic.																
1 Thrush	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Worms, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Class 2. CONSTITUTIONAL DISEASES																
Order 1.—Diathetic.																
1 Gout	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Cancer	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..
4 Cancerum Oris (Noma)	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
5 Mortification	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Tubercular																
1 Scrofula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Tabes Mesenterica	2	3	2	..	..	..	..	..	..	..	..	..	..	..	7	7
3 Phthisis	..	..	1	..	2	1	3	5	1	1	1	..	..	..	1	15
4 Hydrocephalus	..	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Class 3. LOCAL DISEASES.																
Order 1.—Nervous System.																
1 Cephalitis	..	..	2	4	..	1	..	..	..	..	1	..	..	..	6	8
2 Apoplexy	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
3 Paralysis	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	4
4 Insanity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Epilepsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7 Convulsions.....	5	..	2	..	1	..	1	..	..	..	..	..	..	..	..	2
8 Brain Disease, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7

[illegible]

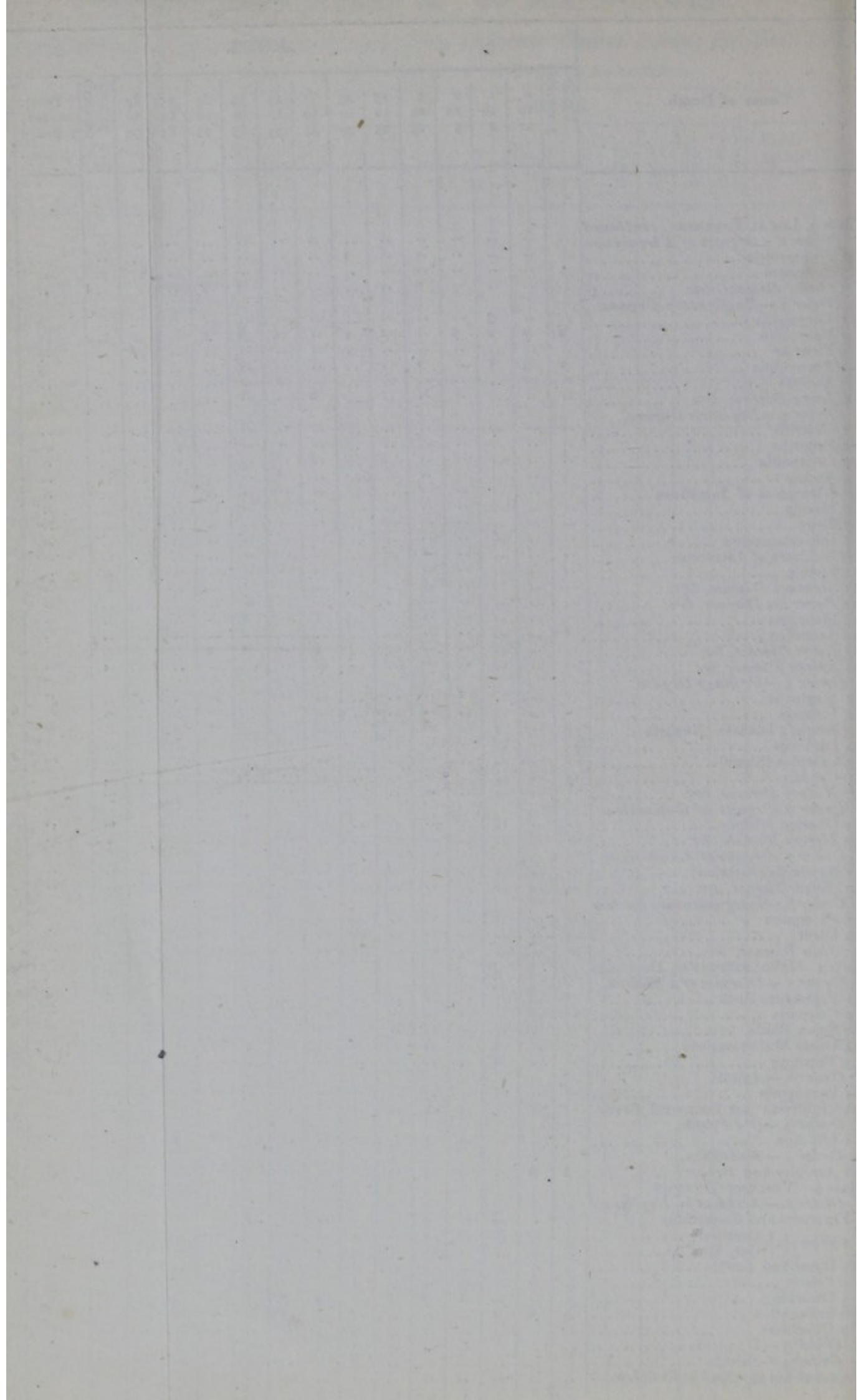


TABLE IV.

THE LIMEHOUSE DISTRICT,

Comprising the Parishes of Limehouse, Shadwell, and Wapping, and the Hamlet of Ratcliff.

Deaths Registered at several groups of ages from Different Causes During the Year 187

Note.—The Deaths in Public Institutions of non-Residents are excluded.

Cause of Death.	AGES.															Total under 5 Years.	Total
	Under 3 months	0	1	2	5	15	25	35	45	55	65	75	85	95 and upwards			
		to 1	to 2	to 5	to 15	to 25	to 35	to 45	to 55	to 65	to 75	to 85	to 95				
CLASSES.																	
I. ZYMOTIC DISEASES.....	23	77	50	66	24	4	3	2	3	4	2	..	..	..	216	2	
II. CONSTITUTIONAL DISEASES..	14	32	24	17	11	17	24	22	15	17	2	2	1	..	87	1	
III. LOCAL DISEASES	59	86	56	62	35	11	17	42	55	74	47	29	5	..	263	5	
IV. DEVELOPMENTAL DISEASES ...	53	18	11	3	..	3	1	2	1	..	12	12	6	..	85	1	
V. VIOLENT DEATHS.....	10	4	4	3	5	10	15	8	8	3	3	..	1	..	21	..	
Not specified or ill-defined	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
TOTALS	159	217	145	151	75	45	60	76	82	98	66	43	13	..	672	1,23	
Class I. ZYMOTIC DISEASES.																	
Order 1.—Miasmatic.																	
1 Smallpox	..	1	1	1	..	..	1	..	..	..	..	..	..	..	3	..	
2 Measles	1	6	13	14	2	..	..	..	..	..	..	..	..	..	34	..	
3 Scarlet Fever (Scarlatina)	..	4	9	22	7	1	..	..	..	..	..	..	..	..	35	..	
4 Diphtheria	..	..	1	1	1	..	1	..	..	..	..	..	..	..	2	..	
5 Quinsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
6 Croup	..	2	9	13	4	..	..	..	..	..	..	..	..	..	24	..	
7 Whooping Cough	3	13	7	5	3	..	..	..	..	..	..	..	..	..	28	..	
8 { Typhus Fever	..	..	..	1	..	1	..	1	1	..	..	..	..	..	1	..	
8 { Enteric or Typhoid Fever	..	..	..	2	4	..	..	..	1	1	..	..	..	..	2	..	
8 { Simple Continued Fever	..	1	..	1	1	..	..	..	..	..	..	..	..	..	2	..	
9 Erysipelas	1	2	..	1	..	..	..	1	..	1	1	..	..	..	4	..	
10 Puerperal Fever (Metria)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
11 Carbuncle	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
12 Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
13 Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
14 Diarrhœa.....	10	41	10	4	..	..	..	..	..	..	..	..	..	..	65	6	
15 Cholera.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
16 Ague.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17 Remittent Fever	..	..	1	..	..	..	..	..	1	1	..	..	..	..	1	..	
18 Rheumatism	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..	..	
19 Other Zymotic Diseases	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	
Order 2.—Euthetic.																	
1 Syphilis	3	5	..	..	..	..	..	..	..	..	..	..	..	..	8	..	
2 Stricture of Urethra.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
3 Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4 Glanders	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Order 3.—Dietic.																	
1 Privation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2 Want of Breast Milk	2	2	..	..	..	..	..	..	..	..	..	..	..	..	4	..	
3 Purpura and Scurvy.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4 Alcoholism { a Del. Tremens.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4 Alcoholism { b Intemperance.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Order 4.—Parasitic.																	
1 Thrush	3	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	
2 Worms, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Class 2. CONSTITUTIONAL DISEASES																	
Order 1.—Diathetic.																	
1 Gout	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	
2 Dropsy	..	..	1	3	1	1	..	..	3	..	2	1	..	..	1	11	
3 Cancer	..	..	..	..	..	..	3	5	3	..	..	..	..	..	..	11	
4 Cancrum Oris (Noma).....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5 Mortification	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Order 2.—Tubercular																	
1 Scrofula	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	
2 Tabes Mesenterica	12	25	13	9	..	..	..	..	..	..	..	..	..	..	59	59	
3 Phthisis	2	2	4	4	8	17	23	19	9	11	2	..	..	..	12	101	
4 Hydrocephalus	..	5	7	2	..	..	..	..	..	..	..	..	..	..	14	14	
Class 3. LOCAL DISEASES.																	
Order 1.—Nervous System.																	
1 Cephalitis	..	7	8	14	4	3	2	2	3	1	..	2	..	..	29	46	
2 Apoplexy	..	..	..	..	..	1	1	5	5	5	1	..	..	..	..	18	
3 Paralysis	..	..	..	2	..	..	..	2	5	1	5	..	..	..	1	15	
4 Insanity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5 Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
6 Epilepsy	..	..	1	2	..	1	5	..	2	1	..	..	..	..	..	12	
7 Convulsions.....	33	14	11	6	1	..	..	..	..	..	..	..	..	..	64	65	
8 Brain Disease, &c.	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	

Cause of Death.	AGES.														Total under 5 Years.	TOTAL.
	Under 3 months	0 to 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 to 95	95 and upwards		
Class 3. LOCAL DISEASES, continued																
Order 2.—Organs of Circulation																
1 Pericarditis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Aneurism	..	..	..	1	1	..	2	..	..	1	1	..	..	..	..	..
3 Heart Disease, &c.	..	2	..	..	4	2	3	4	5	11	7	2	..	..	2	40
Order 3.—Respiratory Organs.																
1 Laryngitis	1	1	5	6	..	..	..	..	..	..	..	..	..	..	13	13
2 Bronchitis	17	37	20	19	3	1	1	4	16	33	16	13	4	..	93	184
3 Pleurisy	..	..	..	..	..	..	1	..	1	..	1	1	..	..	..	4
4 Pneumonia	5	20	10	13	10	3	5	4	6	5	4	..	..	..	47	85
5 Asthma	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	3
6 Lung Disease, &c.	..	..	..	..	..	..	4	..	..	1	..	..	..	..	..	5
Order 4.—Digestive Organs.																
1 Gastritis	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
2 Enteritis	..	1	..	..	..	..	..	1	2	..	..	..	..	..	1	4
3 Peritonitis	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	3
4 Ascites	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
5 Ulceration of Intestines	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 Hernia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7 Ileus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 Intussusception	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
9 Stricture of Intestines	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10 Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11 Stomach Disease, &c.	..	..	..	..	..	..	4	3	2	..	..	..	..	..	..	9
12 Pancreas Disease, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Hepatitis	..	..	..	..	..	..	2	3	2	2	1	..	..	..	..	10
14 Jaundice	3	..	..	..	..	..	..	..	..	1	1	..	..	..	3	5
15 Liver Disease, &c.	..	..	..	1	..	..	4	2	5	2	..	..	..	..	..	14
16 Spleen Disease, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 5.—Urinary Organs.																
1 Nephritis	..	..	..	1	1	..	..	1	..	..	..	..	..	..	1	3
2 Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Bright's Disease (Nephria)	..	..	1	1	..	..	..	2	..	2	1	1	..	..	2	8
4 Diabetes	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
5 Calculus (Stone)	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
6 Cystitis	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
7 Kidney Disease, &c.	..	..	..	1	1	1	..	1	..	2	..	..	..	..	..	6
Order 6. Organs of Generation.																
1 Ovarian Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Uterus Disease, &c.	..	..	..	..	..	..	2	1	1	..	..	..	..	..	..	4
Order 7. Organs of Locomotion.																
1 Synovitis (Arthritis)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Joint Disease, &c.	..	1	..	..	2	..	..	..	..	..	1	..	..	..	1	4
Order 8.—Integumentary System																
1 Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Ulcer	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
3 Skin Disease, &c.	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Class 4. DEVELOPMENTAL DISEASES																
Order 1.—Diseases of Children.																
1 Premature Birth	24	..	..	..	..	..	..	..	..	..	..	..	..	..	24	24
2 Cyanosis	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
3 Spina Bifida	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
4 Other Malformations	1	..	..	..	..	..	..	..	..	..	..	..	..	..	20	20
5 Teething	..	7	10	3	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Adults.																
1 Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Childbirth (see Puerperal Fever)	..	..	..	..	3	1	2	1	..	..	..	..	..	..	..	7
Order 3.—Old People.																
1 Old Age	..	..	..	..	..	..	..	..	..	12	12	6	..	..	..	30
Order 4.—Nutrition.																
1 Atrophy and Debility	26	11	1	..	..	..	..	..	..	..	..	..	..	..	38	38
Class 5. VIOLENT DEATHS																
Order 1.—Accident or Negligence																
Fractures and Contusions	..	..	..	2	2	..	2	..	2	..	2	..	1	..	2	11
2 Wounds } Gunshot	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
} Cut, Stab	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1
3 Burns and Scalds	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
4 Poison	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	35
5 Drowning	..	1	..	..	3	10	7	8	4	2	..	..	..	..	17	18
6 Suffocation	10	3	4	..	..	..	..	..	1	1	..	..	..	..	..	3
7 Otherwise	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Order 3.—Homicide																
Order 4.—Suicide	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	4
Causes not specified or ill-defined ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE V.

INSPECTORS' REPORT OF THE SANITARY WORK, &c.,
completed in the year ended December 31, 1876.

Sanitary Work.	Sub-districts.		
	Lincolnhouse.	Ratcliff, and Shadwell and Wapping.	Total.
No. of Houses, Premises, &c., inspected.....	395	350	745
Results of Inspection—Orders issued for Sanitary Amendments of Houses and Premises	—	298	298
Houses and Premises, &c., Cleansed, Repaired, and Whitewashed.....	138	13	141
Houses Disinfected after Infectious Diseases	112	30	142
House Drains—Repaired, Cleansed, &c.	55	17	72
Trapped or Ventilated	77	100	177
Privies & Water Closets—Repaired, Cleansed, &c.	65	53	118
New provided	—	4	4
Dust Bins—New provided	10	6	16
Repaired, Covered, &c.	34	6	40
Water Supply—Cisterns (new) erected	19	5	24
Cisterns Cleansed Repaired, and Covered	6	4	10
Miscellaneous—No. of Dust Complaints received and attended to	466	486	952
Removal of accumulation of Dung, Stagnant Water, Animal, and other Refuse	10	4	14
Removal of Animals improperly kept.	7	3	10
Licensed Cowhouses (Regularly Inspected)...	14	14	28
Other Proceedings, <i>e.g.</i> Legal Proceedings...	6	—	6

GEO. HURLOCK, }
THOMAS STACE } *Inspectors.*