

the studies which, in their future development, may perhaps explain the birth of epidemic disease.

The preparatory steps of such studies are even yet scarcely made. In attempts to elucidate the exact nature of those processes by which epidemic poisons are generated, almost insuperable difficulties have been found; not from want of apprehension as to what the factors may be in such exceptional generation of poison, but from lack of definite knowledge as to the normal working of these factors.

It seems certain that in the chemistry of organic decomposition there is concealed a large share of the mystery we would solve; and it is impossible yet to say, how much of the remainder may belong to undeveloped branches of meteorological science.

Under any future epidemic invasion which our country may unhappily suffer, it is in these departments of natural science that temporary and exceptional phenomena will claim renewed investigation; and we hope we do not outstep a proper fulfilment of the trust reposed in us, when we suggest, that in this intervening time are comprised golden opportunities for rendering probable the success of investigations then to be undertaken,—opportunities for making effective progress in the preliminary studies to which we advert, and for establishing a better normal standard than is yet discovered, to measure the chemical and meteorological anomalies of an epidemic period.

We have the honor to be, Sir,

Your obedient humble Servants,

N. ARNOTT.  
WILLIAM BALY.  
WILLIAM FARR.  
RICH<sup>d</sup> OWEN.  
JOHN SIMON.

## SUPPLEMENT TO THE REPORT

OF THE

## COMMITTEE FOR SCIENTIFIC INQUIRIES.

No. I.

THE following is the letter circulated among Members of the Medical Profession by the General Board of Health in September 1854:—

*Letter addressed by the President of the General Board of Health to Medical Practitioners.*

General Board of Health, Whitehall,  
September 1854.

SIR,

My experience of this Department, brief as it is, has strongly impressed me with a sense of the great want that is now felt of some systematic record of cases of choleraic disease, their treatment, and results, with a view to determine, in so far as may be possible, the best mode of meeting this formidable epidemic.

Hitherto no successful attempt has been made to collect such a record; and as I find that my feeling of the want of it is very generally shared by the medical profession, I have obtained the sanction of Her Majesty's Government to the nomination of a Medical Council, representing all branches of the profession, and consisting of Dr. Paris, Sir James Clark, Dr. Alderson, Dr. Babington, Dr. Tweedie, Dr. Baly, Mr. Lawrence, Mr. Simon, Professor Owen, Mr. W. B. Ward, Mr. John Bacot, and Dr. Farr.

Under the sanction of this Council the following form of return has been prepared for transmission to all qualified practitioners in the metropolis, to be filled up by them, with a view to obtain their experience of the present epidemic.

The deaths from cholera, as well as from all other causes, are registered in England; but it is evidently desirable that in this as in other countries the cases of recovery, as well as of death, should be systematically observed and recorded. But this can only be accomplished by the cordial co-operation of all the medical men in practice, which the Board hopes, in this important matter, to obtain, by acting on the advice of a Council in which all branches of the medical profession are represented.

By means of a return, in the accompanying forms, the observations of all qualified practitioners on the cases that come under their care may be collected, and made available for determining the laws which regulate choleraic disease, and the effects of the different systems of treatment now in use.

Any return that you may make will be considered strictly confidential, but your name will be recorded as a contributor to the observations, when the general results are made known.

Under the urgent pressure of practice, to keep any accurate record of the cases will often be attended with difficulty; but this difficulty will, I feel assured, be cheerfully encountered by you if you agree with me in thinking a record of the experience of the present generation of medical men as to this epidemic likely to contribute to the alleviation of the sufferings of mankind for the future.

The return on the other side is sent filled up, as a specimen, with blank forms. Any number of such forms you may require will be furnished by this office.

It is recommended that the forms should be filled up from day to day, and returned to the Board, on or before the 15th November next, addressed to the Secretary of the General Board of Health, and the postage of the letter enclosing the return need not be prepaid.

I have the honour to remain, &c.

B. HALL.

NOTE.

THE foregoing letter was sent by the General Board of Health to all practitioners whose names appear in the "Medical Directory" of the year 1854.

In pursuance of the promise therein contained, the names of all who contributed returns are now recorded.

Among the names occur some of homœopathic practitioners, from whom returns were received; but the Committee for Scientific Inquiries desire it to be understood that none of these communications have been used in the construction of their Report.

List of legally-qualified Medical Practitioners, Medical Officers of Hospitals, &c., in England, Scotland, and Wales, who have furnished Returns of Cases of Cholera and Diarrhœa to the General Board of Health.

(See the President's Letter, p. 67.)

Name.	Address.
Anderson, John, M.R.C.S. & L.S.A.	4, Bedford Terrace, Clapham Rise.
Air, Alex. Cummings, M.R.C.S. -	15, Studley Terrace, Stockwell.
Alexander, Wm., M.D. - -	Dundonald, by Kilmarnock, N.B.
Aspray, Thomas, L.S.A. - -	12, Wilmington Square.
Adcock, Chrstr., L.S.A. - -	8, Great Charlotte Street, Blackfriars Road.
Alford, S. S., M.R.C.S. & L.S.A. -	7, Powis Place, Haverstock Hill.
Allen, A., M.R.C.S. - - -	18, Hunter Street, Brunswick Sq.
Arden, H. A., M.R.C.S. & L.S.A.	High Street, Dorchester.
Appleton, H., M.D. Aberdeen, M.R.C.S. & L.S.A.	Mare Street, Hackney.
Ayres, Philip B., M.D. Lond., & M.R.C.S.	6, Upper Portland Place, Wands- worth Road.
Aitkin, James, M.R.C.S. - - -	Ceres, N.B.
Allen, Geo., L.S.A. - - -	14 a, Dean Street, Soho.
Aldis, C. J. B., M.D. - - -	1, Chester Terrace, Pimlico.
Angers, V. P. de Bois, M.D. Heidelberg, M.R.C.S.	2, Salamanca Cottages, Upper Church Street, Queen's Elm.
Armstrong, Thos., M.R.C.S. & L.S.A.	Brecon, S.W.
Baines, Matthew, M.D. Lond. -	54, Thurloe Square, Kensington.
Burroughs, J. T. R., M.R.C.S. -	3, Lee Place, Lee.
Bunnett, H. B., M.R.C.S. - -	5, Carlton Hill East, St. John's Wood.
Bowling, John, M.R.C.S. - - -	Pingsworth House, Hammersmith.
Barnwell, Wm., M.R.C.S. & L.S.A.	7, Queen Charlotte Row, New Road.
Barnwell, W. H., M.R.C.S. - -	Ditto ditto.
Bainbridge, J. N., M.D. St. And., F.R.C.S. & L.S.A.	86, St. Martin's Lane.
Bainbridge, Wm., M.R.C.S. & L.S.A.	17, Upper Eaton Street, Pimlico.
Balding, D. B., M.R.C.S. & L.S.A.	St. Mary-le-bone Infirmary.
Barringer, T. S., M.R.C.S. & L.S.A.	96, St. John Street, Clerkenwell.
Brodribb, W. P., M.R.C.S. & M.S.A.	9, Bloomsbury Square.
Bennett, J. M., M.R.C.S. - - -	46, Upper Baker Street.
Bradley, R. H., M.R.C.S. & L.S.A.	Trafalgar Road, Greenwich.
Bibby, Sam. H., M.R.C.S. & L.S.A.	9, North Audley Street.
Bowra, H. G., M.R.C.S. & L.S.A. -	Brooke Lodge, De Beauvoir Road, Kingsland.
Bryant, John, M.D. Ellangen -	Colebrooke Villa, Finchley.

Name.	Address.
Besemeres, Wm., M.R.C.S. & L.S.A.	13, Marlborough Place, Old Kent Road.
Balfour, G. W., M.D. - - -	Westfield, Cramond, N.B.
Bradshaw, H., M.R.C.S. - - -	1, St. James's Road, Liverpool.
Buchanan, G. A., M.R.C.S. - - -	11, Middleton Square, Clerkenwell.
Bonney, F.A.B., L.R.C.S. & L.S.A.	3, Trevor Terrace, Knightsbridge.
Beale, John Sam., M.R.C.S. - - -	87, Harrow Road.
Bullock, Henry, M.R.C.S. & L.S.A.	15, Cumberland Street, Bryanston Square.
Bianchi, Robt., M.R.C.S. & L.S.A.	8, Great Surrey Street, Blackfriars.
Brent, Robt., M.R.C.S. - - -	Sydney Cottage, Woodbury, near Exeter.
Blackmore, J. T., L.S.A. - - -	24, Old Street Road.
Bossy, A. H., L.S.A. - - -	Nelson Terrace, Stoke Newington.
Blundell, John, M.R.C.S. & L.S.A.	St. Helen's, Lancaster.
Clarke, John, M.D. - - -	42, Hertford Street, Mayfair.
Campbell, Wm., M.R.C.S. - - -	New Street, Kilbarchan, N.B.
Christian, J. Stanley, M.D. - - -	1, Ovington Terrace, Brompton.
Carter, Wm. G., M.R.C.S. - - -	1, Manchester Terrace, Kilburn.
Cheyne, R. R., F.R.C.S. & L.S.A.	43, Berners Street.
Clifton, Nath. H., M.R.C.S. - - -	38, Cross Street, Islington.
Covey, W. H., F.R.C.S. - - -	23, Wilton Street, Grosvenor Sq.
Chepmell, E. C., M.D. Edin. - - -	22, Henrietta Street, Cavendish Sq.
Corner, Mat., M.D., M.R.C.S. & L.S.A.	40, Colet Place, Commercial Road.
Cargow, Chas., M.R.C.S. - - -	Dalrymple, Girvan, Ayr, N.B.
Cresswell, John, M.R.C.S. & L.S.A.	Winchmore Hill.
Collambell, Charles, F.R.C.S. & L.S.A.	15, Lambeth Terrace, Lambeth.
Currie, Alex., M.D. - - -	Bowmore, Islay, N.B.
Currie, J. T., L.F.P. & S.G. - - -	10, Norfolk Street, Fitzroy Square.
Clark, Chas., M.R.C.S. - - -	Adelaide Terrace, Notting Hill.
Cameron, Angus, M.D. & L.R.C.S.	Balfron, by Glasgow, N.B.
Cox, Harry, M.R.C.S. & L.S.A. - - -	23, Hill Street, Camberwell.
Cooper, J. P., M.R.C.S. & L.S.A. - - -	Bow Road.
Cunningham, W. J. M., L.S.A. - - -	Hoo, Kent.
Catherwood, Alfred, M.D. Glas. & L.S.A.	21, Charles Square, Hoxton.
Corrie, J., M.D., M.R.C.S. & L.S.A.	Finchley.
Capes, G.A. H., M.R.C.S. & L.S.A.	22, Philpot Lane.
Cowan, Jno. B., M.D. - - -	West Regent Street, Glasgow, N.B.
Collinson, Alfred, M.R.C.S. - - -	81, Connaught Terrace, Paddington.
Cumming, W. S., M.R.C.S. & L.S.A.	2, Vittoria Place, Limehouse.
Christophers, J. C., M.R.C.S. - - -	38, York Street, Portman Square.
Challice, John, M.D. Aberd. & L.S.A.	40, Grange Road, Bermondsey.

Name.	Address.
Chesterman, S., M.R.C.S. & L.S.A.	Banbury.
Colgate, Robt., M.R.C.S. & L.S.A.	Eastbourne, Sussex.
Dale, G. Cornelius, M.R.C.S. & L.S.A.	Commercial Road, St. George's East.
Davis, Robt., M.D., M.R.C.S. & L.S.A.	2, Brunswick Place, City Road.
Davis, H. P., M.R.C.S. & L.S.A.	71, Oakley Square, St. Pancras.
Dickman, David, L.R.C.S. - - -	14, Porchester Place.
Druitt, Robt., M.D. - - -	39a, Curzon Street, Mayfair.
Davis, E., M.R.C.S. & L.S.A. - - -	17, Upper Belgrave Place, Fimlico.
Davidson, N., L.S.A. - - -	15, Charles Street, Manchester Sq.
Dean, J. H., M.R.C.S. - - -	32, Lucas Street, Commercial Road.
Duncan, Jas., M.B. & M.R.C.S. - - -	18, Henrietta Street, Covent Garden.
Dickson, John, M.R.C.S. - - -	High Street, Bathgate, N.B.
Duchesne, Clarke, M.R.C.S. & L.S.A.	22, White Lion Street, Norton Folgate.
Devenish, S. W., M.B., M.R.C.S., & L.S.A.	7, Billiter Square.
Dixon, John, M.D., M.R.C.S., & L.S.A.	20, Prospect Row, Bermondsey.
Dickson, James, M.R.C.S. - - -	Roberton-by-Abington, Lanark, N.B.
Dodsworth, F. C., M.R.C.S. - - -	Turnham Green.
Dickinson, Thos., M.R.C.S. & L.S.A.	37, Sloane Street, Chelsea.
Douglas, Joseph, M.R.C.S. - - -	1, Sumner Terrace, Brompton.
Dale, Edmund, M.D. St. And., L.S.A.	23, Holborn Hill.
Dupasquier, C. J., M.R.C.S. & M.S.A.	62, Pall Mall.
De Meric, Victor, M.R.C.S. - - -	17, Brook Street, Grosvenor Sq.
Down, Geo., M.R.C.S. & L.S.A. - - -	4, Upwell Place, Camberwell New Road.
Davies, John, M.R.C.S. & L.S.A.	Bulwark, St. Mary's Brecon.
English, Thomas, M.D. St. And., M.R.C.S. & L.S.A.	32, Upper East Smithfield.
Ellis, H. W. T., M.R.C.S. - - -	Crowle, Lincolnshire.
Edwardes, David, L.S.A. - - -	13, Great Russell Street, Covent Garden.
Engall, Thos., M.R.C.S. - - -	15, Euston Square.
Eve, Richd. Wafford, M.B. & L.S.A.	7, Slade's Place, High Street, Deptford.
Ellis, Cydwelyn, M.D. St. And., M.R.C.S. & L.S.A.	31, Howland Street, Fitzroy Square.
Edmonds, J. W., L.S.A. - - -	Montague Cottage, Southampton Street, Camberwell.
Fowler, Robt., M.D. Edinburgh, M.R.C.S. & L.S.A.	145, Bishopsgate Street Without.

Name.	Address.
Forman, John, M.R.C.S. - -	Fettercairn, N.B.
Forbes, J. G., F.R.C.S. & L.S.A.	9, Devonport Street, Paddington.
Faulker, Wm., M.R.C.S. - -	151, Drury Lane.
Fuller, Hy. Wm., M.D. - -	13, Manchester Square.
Ferguson, Jno., M.R.C.S. - -	Cove-Nigg, N.B.
Farrants, R. J., F.R.C.S. & L.S.A.	5, Regent Terrace, City Road.
Fotherby, H. I., M.B., M.R.C.S., & L.S.A.	40, Trinity Square, Tower Hill.
Gibb, Geo. D., M.D. Montreal, & L.R.C.S.I.	59, Guildford Street, Russell Square.
Giles, Wm., M.R.C.S. - -	1, Canton Place, East India Dock Road, Limehouse.
Grant, Thos. Walker, M.D. Aber., M.R.C.S. & L.S.A.	9, Connaught Terrace.
Gibson, J. B., M.R.C.S. & L.S.A.	3, Spring Place, Bagnigge Wells Road.
Griffith, Samuel Hallett, M.R.C.S. & L.S.A.	2, Charterhouse Square.
Grimbly, Richard, M.R.C.S. & L.S.A.	South Bar, Banbury.
Goodworth, W. H., L.S.A. - -	Hatfield, Yorkshire.
Gibson, J. R., M.R.C.S. & L.S.A. -	115, Holborn Hill.
Grant, Nathl., M.D. Edinburgh, M.R.C.S.	48, York Street, Portman Square.
Graham, Thomas, M.R.C.S. & L.S.A.	2, Oxford Terrace, Upper Holloway
Goodday, Horatio, M.R.C.S. & L.S.A.	48, Baker Street, Portman Square.
Graham, John, M.R.C.S. - -	Stanley, Perth, N.B.
Goddard, Saml., M.R.C.S. - -	Swan Square, Burslem.
Greenwood, Thos. B., L.S.A. - -	1, Horsleydown Lane, Southwark.
Horton, Fitzwilliam, L.S.A. - -	Gloster Lodge, North End, Fulham.
Halford, Edw., M.R.C.S. & L.S.A.	The Grove, Hammersmith.
Hart, W. B., M.R.C.S. & L.S.A. -	15, Union Street East, Spitalfields.
Harper, James P., M.D. - -	53, Constitution Street, Leith, N.B.
Halley, Alexr., M.D. - -	14, Queen Anne Street, Cavendish Square.
Hadaway, James, M.R.C.S. & L.S.A.	36, Berwick Street.
Hammond, H. S., M.R.C.S.	Church Street, Edmonton.
Hunter, John, M.R.C.S. - -	115, Upper Street, Islington.
Hall, D. J., M.D., Edin. - -	South Street, Eastbourne, Sussex.
Haffenden, Thos., M.R.C.S. - -	Hanwell.
Harris, H. C., F.R.C.S. & L.S.A. -	1, Windsor Place, City Road.
Harper, Robert, M.R.C.S. & L.S.A.	7, Westbourne Place, Paddington.
Hawkins, James, M.R.C.S. - -	36, Colet Place, Commercial Road.

Name.	Address.
Hicks, J. B., M.D., M.R.C.S., & L.S.A.	High Road, Tottenham.
Haycock, Edwd., M.R.C.S. & L.S.A.	25, Gretton Terrace, Green Street, Bethnal Green.
Hunter, Jas., F.R.C.S. - -	115, Upper Street, Islington.
Humble, W. E., M.D. Lond. - -	66, London Road, Southwark.
Halford, Edwd., M.R.C.S. & L.S.A.	1, City Road.
Harle, Ezra, L.S.A. - -	48, Cross Street, Islington.
Hensley, F. J., M.D. London, M.R.C.S. & L.S.A. - -	30, Montague Place, Russell Square.
Hughes, H. W., M.R.C.S. - -	138, Fenchurch Street.
Hunt, Joseph, M.R.C.S. - -	82, Gray's Inn Lane.
Hicks, E. J., L.S.A. - -	Havant, Hants.
Hall, Wm., M.R.C.S. & L.S.A. -	High Street, Tottenham.
Harling, R. D., M.D. London -	9, Upper Seymour Street, Portman Square.
Harness, H., M.R.C.S. - -	1, Kimbolton Place, Fulham Road.
Hull, Geo., M.D. - -	1, St. Mary Abbot's Terrace, Kensington.
Hering, Wm., L.S.A. - -	38, Mortimer Street, Cavendish Sq.
Harrison, John, F.R.C.S. - -	Abany, Piccadilly.
Harris, W., F.R.C.S. - -	16, Dorset Terrace, Clapham Road.
Hutchinson, Jno., M.R.C.S. & L.S.A.	18+, Blackfriars Road.
Hudson, Jno., M.D. & M.R.C.S. -	11, Cork Street, Burlington Gardens.
Ingram, Chas., M.R.C.S. & L.S.A.	White Mill, Blandford.
Jefferys, Wm. Edw., M.R.C.S. -	2, St. Augustine's Road, St. Pancras.
Jones, J., M.R.C.S. - -	5, Seymour Place, Wandsworth Road.
James, W. Reynolds, M.R.C.S. & L.S.A.	68, Milton Street, Dorset Square.
Joseph, Edwd., M.R.C.S. & L.S.A.	15, Great Marylebone Street.
Jones, Jno. Dalston, M.D. Aber., & M.R.C.S.	Queen's Road, Dalston.
Jeanneret, Hy., M.D. Edinburgh, L.R.C.S. & L.S.A.	15, Upper George St., Marylebone.
Jones, Wm., M.R.C.S. - -	51, Strand.
Illingworth, Hy. S., F.R.C.S. & L.S.A.	1, Arlington Street, Piccadilly.
Jones, Walter, M.R.C.S. - -	27, Fetter Lane, Fleet Street.
Jeffery, G. A., M.R.C.S. & L.S.A.	Trinity House, Eastbourne, Sussex.
Kingdon, J. A., M.R.C.S. - -	2, Bank Buildings, Lothbury.
Kesteven, W. B., M.R.C.S. - -	1, Manor Road, Upper Holloway.
Kellock, W. B., M.R.C.S. - -	Stamford Hill.
Knott, Jas. P., L.S.A. - -	Grafton Villa, Blisworth, Northampton.

Name.	Address.
Kirk, J. B., M.D. - - -	Bathgate, Linlithgow, N.B.
Kenny, Josh., M.B. & L.S.A. -	High Street, Stoke Newington.
Knaggs, Robt., M.R.C.S. & L.S.A.	Swindon.
Lovett, Saml., M.R.C.S. & L.S.A.	23, Clare Street, Clare Market.
Lewis, Waller, M.B. Cantab. -	56, Gower Street, Bedford Square.
Leggatt, Richard S., M.R.C.S. & L.S.A.	Eastry, near Sandwich.
Lloyd, Thomas, F.R.C.S. - -	5, New Basinghall Street.
Lyell, John, M.D. - - -	Main Street, Newburgh, Fifeshire, N. B.
Littlewood, J. J., M.R.C.S. & L.S.A.	2, Stonegate Street, Thorne.
Lord, C. F. J., M.R.C.S. - -	Hampstead.
Leese, R. V., M.R.C.S. & L.S.A. -	Norwood.
Littler, Jno. W., M.R.C.S. & L.S.A.	Lower Edmonton.
Leggatt, Alfred, M.R.C.S. & L.S.A.	13, William Street, Lowndes Sq.
Leigh, Wm. Osborne, L.S.A. -	High Street, Deptford.
Lyddon, Jas., M.R.C.S. & L.S.A. -	Okehampton, St. Thomas, Exeter.
Land, W. H., M.R.C.S. & L.S.A. -	Strand Street, Exmouth.
Leonard, Jas., M.R.C.S. & L.S.A. -	2, Salisbury Street, Strand.
Little, W. J., M.D. - - -	34, Brook Street, Havover Square.
Langley, John, L.S.A. - - -	48, Upper Albany St., Regent's Park.
Lane, W. R. F., M.R.C.S. & L.S.A.	2, North Side, Bethnal Green.
Mitchell, Thos. H., M.R.C.S. & L.S.A.	2, Francis Place, Holloway.
Morris, Jas., M.B. Lond. & F.R.C.S.	79, Park Street, Grosvenor Square.
Mould, J. T., M.R.C.S. & L.S.A. -	1, Onslow Crescent, Brompton.
Moss, Edwin, M.R.C.S. - - -	71, Wimpole Street.
Meates, W. C., M.R.C.S. - - -	41, Chester Square.
Miles, Chas., M.R.C.S. & L.S.A. -	13, Conduit St., West, Hyde Park.
McDonald, Wm., M.R.C.S. - - -	Muirhead Cottage, Cadder, N.B.
Mathew, Jas. Edwd., M.R.C.S. & L.S.A.	54, Conduit Street, Hanover Sq.
Mackie, Archibald, M.D. - - -	Cupar, Fife, N. B.
Macfarlane, D., M.D. - - -	Drymen, Stirlingshire, N. B.
Munday, Chas., M.R.C.S. - - -	86, Snow Hill.
Morgan, John, F.R.C.S. - - -	5, Albion Place, Hyde Park Square.
Meldola, Eleazar, M.D. Giessen, L.S.A.	6, Great Alie Street.
Molloy, Robt., M.D. Aberdeen, M.R.C.S. & L.S.A.	57, Amwell Street, Claremont Square, Clerkenwell.
Malton, Chas. J., F.R.C.S. - -	6, Stanhope Place, Hyde Park.
Mageniss, Peter, M.R.C.S. - - -	18, Hamilton Place, New Road.
Mitchelson, G. F., M.D. Aber., M.R.C.S. & L.S.A.	11, Ashley Place, Victoria Street, Westminster.
Mackintosh, James Innis, M.D., Edin., L.R.C.S.	St. Olaves Infirmary.

Name.	Address.
McWilliam, J. O., M.D. Edin. -	14, Trinity Square, Tower Hill.
Matheson, L. M., M.R.C.S. -	Portree, Isle of Skye, N.B.
Madden, Jas. M., L.R.C.S. Dub.	Heavitree.
Merry, Wm. H., M.R.C.S. & L.S.A.	Broad Clyst, Exeter.
Mactavish, Colin, M.R.C.S. -	Springbank, Islay, N.B.
Nind, Chas., M.R.C.S. & L.S.A. -	13, Bath Place, Peckham.
Nix, Wm., L.S.A. - - -	11, Savile Row, Mile End Road.
Owen, Harvey K., M.R.C.S.	4, Binfield Place, Clapham Road.
Oliver, Jno. Robt., M.D. - - -	28, Harleyford Place, Kennington.
Orr, R. S., M.D. - - -	George Terrace, Dunoon, Argyleshire, N. B.
O'Shea, Michael Keating, M.R.C.S.	17, Mount Street, Lambeth.
Payne, G. B., M.D. Aber., L.S.A.	58, Denbigh Street, Warwick Square, Pimlico.
Paton James, M.D. - - -	Orr Square, Paisley, N. B.
Palmer, Thomas, M.B., M.R.C.S. & L.S.A. - - -	16, Upper Southwick Street, Hyde Park.
Pitman, Henry A., M.D. - - -	Montague Place.
Pollock, Robt. Jas., F.R.C.S. & L.S.A.	7, Bath Place, Kensington.
Pullan, Richd., M.R.C.S. - - -	Epworth, Bawtry.
Patison, H. W., M.R.C.S. - - -	Hirst Street, Renfrew.
Pottle, J. R., L.S.A. - - -	20, Bath Street, St. Luke's.
Parratt, Jas., M.D. St. And., M.R.C.S. & L.S.A.	18, Mount Street, Grosvenor Sq.
Pascall, W. L., L.S.A. - - -	17, Charlotte Street, Fitzroy Sq.
Parkes, W. B., M.D. Erlang., F.R.C.S. & L.S.A.	31, Great Marlborough Street.
Pretty, Jno. Rowilson, M.D. St. And., M.R.C.S., & L.S.A.	31, Bayham Terrace, Camden Town.
Paul, Jas Thos., L.S.A. - - -	26, Burton Crescent.
Pinder, Edwd., L.R.C.S. & L.S.A.	9, Oakley Terrace, Old Kent Road.
Powell, W. M., M.R.C.S. - - -	14, Springfield Place, Wandsworth Road.
Pridham, T. L., M.R.C.S. & L.S.C.	Bideford, Devon.
Pretty, Wm., M.R.C.S. - - -	70, Mornington Road.
Pullin, Thos. Hy. S., M.R.C.S. -	Sidmouth, Devon.
Paine, H. J., M.R.C.S. - - -	Cardiff.
Rogers, W. R., M.D., Heidelberg, L.S.A.	56, Berners Street, Marylebone.
Robarts, H. P., F.R.C.S. - - -	11, Great Coram Street, Russell Sq.
Rushforth, Richard, M.D. Erlang., L.S.A.	44, Upper Norton Street, Marylebone.
Robinson, Thomas, M.R.C.S. & L.S.A.	Southampton Street, Pentonville.
Radcliffe, Derwentwater, M.R.C.S. & L.S.A.	51, Strand.

Name.	Address.
Ridge, Benjn., M.D., M.R.C.S., & L.S.A.	High Street, Putney.
Roods, H. C., M.D. & M.R.C.S. -	32, Bloomsbury Street, Bedford Square.
Ruttledge, Jas., M.D. Glasgow -	19, George Street, Hanover Square.
Rose, John, M.R.C.S. & L.S.A. -	1, Trinidad Place, Islington.
Robertson, John, L.R.C.S. -	Stanley, Perthshire, N. B.
Riches, Thos. H., L.S.A. - -	London Street, Greenwich.
Robins, Wm., L.S.A. - -	41, Oxford Terrace, Hyde Park.
Roper, George, M.R.C.S. & L.S.A.	180, High Street, Shoreditch.
Read, Reginald, L.S.A. - -	1, Guildford Place, Russell Square.
Read, Septimus, L.S.A. - -	41, Jewin Street, Cripplegate.
Sanderson, A. M., F.R.C.S. -	19, Bridge Street, Musselburgh, N. B.
Smith, Anderson, M.R.C.S. & L.S.A.	4, Northumberland Terrace, Bagnigge Wells Road.
Stewart, Hy. C., M.R.C.S. -	42, Grove Road, St John's Wood.
Stevens, Wm., L.S.A. - -	6, Lansdowne Villas, Fulham Road.
Snell, Edmund, M.R.C.S. - -	18, Crown Row, Mile End Road.
Smith, Geo., M.R.C.S. - -	Axbridge.
Sewell, Eade, M.R.C.S. & L.S.A.	Englefield Road, Hackney.
Stokes, Hy. J., M.D. Edin. -	23, Portland Place, Islington.
Semple, Wm., M.R.C.S. & L.S.A.	38, Upper Street, Islington.
Seatliff, Arthur, M.R.C.S. & L.S.A.	1, Grosvenor Place, Brixton.
Schulhof, Maurice, M.D. - -	7, Suffolk Place, Pall Mall, East.
Statham, Hugh, M.R.C.S. & L.S.A.	16, Belmont Place, Wandsworth Road.
Stevens, N. Hy., M.R.C.S. - -	2, Finsbury Place South, Finsbury Square.
Smiles, John Finch, L.S.A. -	South Bar Street, Banbury.
Simmonds, H. M., M.R.C.S. & L.S.A.	76, Albany Road, Camberwell.
Smyth, Jno. Edwd., M.R.C.S. & L.S.A.	2, China Terrace, Lambeth.
Smith, E. Pye, F.R.C.S.E. - -	Mare Street, Hackney.
Sandys, Saml., M.R.C.S. & L.S.A.	4, Francis Terrace, Kentish Town.
Sutherin, Hy., M.R.C.S. - -	22, Church Row, Pancras Road.
Scarnell, S. F., L.S.A. - -	1, Langton Place, Vassall Road, Brixton.
Spooner, Edwd. O., F.R.C.S. -	White Mill, Blandford.
Smith, Chas., M.R.C.S. & L.S.A.	1, Upper Craven Place, Kentish Town.
Spettigue, John, M.R.C.S. & L.S.A.	3, Bicton Terrace, Littleham, Exmouth.
Smith, Thomas Hy., M.R.C.S. & L.S.A.	13, John Street, Berkeley Square.
Thompson, J. B., L.R.C.S. - -	Alva, N. B.

Name.	Address.
Turner, Saml. Mayer, F.R.C.S. -	Newcastle-under-Lyne, Staffordshire.
Taylor, John, M.R.C.S. & L.S.A.	64, Queen's Road, Bayswater.
Tweed, J. J., M.R.C.S. & L.S.A. -	14, Upper Brook Street, Grosvenor Square.
Trousdale, Alfred, M.R.C.S. -	Epworth near Bawtry.
Tweedie, A. C., M.R.C.S. - -	Galashiels, N. B.
Tapson, John, M.D., M.R.C.S. & L.S.A.	High Street, Clapham.
Timms, Godwin Wm., M.D. Lond., & M.R.C.S.	28, Paddington Green.
Townley, Jas., F.R.C.S. & L.S.A.	Kennington Common.
Thomas, Jno. Hy., M.R.C.S. & L.S.A.	Upper Street, Islington.
Tanner, Robt, M.R.C.S. & L.S.A.	56, Manchester Street, Manchester Square.
Turnbull, William, L.S.A. - -	62, Great Russell St., Bloomsbury.
Todd, J. M., M.R.C.S. & L.S.A. -	10, Kent Terrace, New Cross Road, Deptford.
Taylor, Thos., M.R.C.S. - -	High Street, Cricklade.
Vinen, J. Northcote, L.S.A. -	114, Tooley Street.
Ward, N. B., M.R.C.S. - -	14, Clapham Rise.
Wetherfield, John, M.R.C.S. -	1, Henrietta Street, Covent Garden.
Wallace, Richd., F.R.C.S. & L.S.A.	1, Trafalgar Place, West Hackney Road.
Woodforde, W. T. G., M.D. Lond.	37, High Street, Bow.
Whittle, E., M.D. Lond. - -	129, Mill Street, Liverpool.
Watson, John, L.S.A. - -	13, Southampton Street, Bloomsbury.
Webb, F. C., M.D. Edin., M.R.C.S.	39, Great Coram Street.
Ward, Martindale, M.R.C.S. & L.S.A.	1, King's Parade, Chelsea.
Weston, E. J., M.R.C.S. - -	17, St. Mark's Crescent, Regent's Park.
Wise, R. S., M.D., M.R.C.S. -	High Street, Banbury.
Wright, Edwd., M.R.C.S. & M.S.A.	5, Kennington Row, Kennington.
Weathers, George, M.R.C.S. & L.S.A.	41, High Street, Camden Town.
Waggett, Jno., M.D. - -	1, Norland Square, Notting Hill.
Walker, David, R. G., M.R.C.S. -	Budleigh, Salterton, Devon.
Williamson, Thos., M.D. - -	33, Charlotte Street, South Leith, N. B.
Winnard, J. T., M.R.C.S. - -	Standish-gate, Wigan.
Young, Chas., M.R.C.S. & L.S.A.	Turner's Hill, Worth, Sussex.
Young, Jas. Forbes, M.D. Edin., & L.S.A.	17, Upper Kennington Lane.

## HOSPITALS, &amp;c.

Name.	Address.
<i>St. Mary's Hospital.</i>	
Alderson, Jas., M.D. - -	20, Berkeley Square.
Chambers, Thos. K., M.D. - -	1, Hill Street, Berkeley Square.
Jones, C. Handfield, M.D. - -	1, Southwick Place, Hyde Park.
Sibson, Francis, M.D. - -	40, Brook Street, Grosvenor Square.
Sieveking, E. H., M.D. - -	3, Bentinck Street, Manchester Square.
<i>St. Thomas's Hospital.</i>	
Barker, T. A., M.D. - -	71, Lower Grosvenor Street.
Whitfield, Richd. G. - -	Resident Medical Officer at St. Thomas's Hospital.
<i>Chelsea Hospital.</i>	
Maclachlan, D., M.D. - -	Royal Hospital, Chelsea.
<i>St. George's Hospital.</i>	
Barclay, A. Whyte, M.D. - -	Medical Registrar to the Hospital. 23a, Bruton Street, Berkeley Sq.
<i>Westminster Hospital.</i>	
Fincham, George T., M.D. - -	28, Chapel Street, Belgrave Square.
Roe, Hamilton, M.D. - -	26, Upper Brook Street, Grosvenor Square.
<i>Charing Cross Hospital.</i>	
Golding, B., M.D. - -	King William Street, Strand.
<i>Middlesex Hospital.</i>	
Sibley, Septimus W. - -	Medical Registrar to the Hospital.
<i>University College Hospital.</i>	
Hillier, Thos., M.B., London -	Resident Medical Officer.
<i>Royal Free Hospital, Gray's Inn Lane.</i>	
Curgenven, J. Brendon - -	Resident Medical Officer.
<i>St. Bartholomew's Hospital.</i>	
Martin, Robert, M.D. - -	St. Bartholomew's Hospital.
<i>Bethnal House Lunatic Asylum.</i>	
Austin, Thos., M.R.C.S. & L.S.A.	Bethnal House, Bethnal Green.
<i>London Hospital.</i>	
Fraser, Patrick, M.D. - -	62, Guildford Street, Russell Square.
Davies, Herbert, M.D. - -	23, Finsbury Square.

Name.	Address.
<i>Seamen's Hospital ("Dreadnought").</i>	
Complin, Edwd. Jno., M.R.C.S. & L.S.A.	Hospital Ship "Dreadnought."
<i>Royal Hospital, Greenwich.</i>	
Liddell, Sir Jno., M.D.	
M'Ternan, Jas.	
Nesbet, Alex., M.D.	
Whitmarsh, John.	
<i>Christ's Hospital, Newgate Street.</i>	
Stone, Thos., M.R.C.S. - -	Christ's Hospital.
<i>H.M. Dockyard, Woolwich.</i>	
Browning, Colin Arrott, M.D. -	Surgeon to H.M. Dockyard, Woolwich.
<i>Middlesex House of Detention.</i>	
Wakefield, Henry, M.R.C.S. -	52, Russell Square.
<i>Caledonian Asylum.</i>	
Bradley, C. L., M.R.C.S. - -	4, Belitha Villas West, Barnsbury Park.
<i>Royal Military Asylum.</i>	
Balfour, T. G., M.D. - -	Surgeon to Royal Military Asylum.
<i>Naval Hospital, Walmer.</i>	
Johnston, J. W., M.D. - -	Deputy Inspector of Naval Hospitals.
<i>Homœopathic Hospital.</i>	
Yeldham, Stephen, M.R.C.S.E. & L.S.A.	
Leadham, Thos. R., M.R.C.S.E. & L.S.A.	
Mackern, Thomas, L.R.C.S.I.	
Cameron, Hugh, M.R.C.S.E.	
Wielobycki, S., M.D.	
Hill, John Hutton, M.D.	
Wyld, Geo., M.D.	
Baikie, Robt., M.D.	
Henry, Alexr., M.D.	
Smith, Dan., M.R.C.S.E. & L.S.A.	
Morgan, William, M.R.C.S.E.	
Quin, F. P., M.D.	
Hamilton, Edward, M.D.	

See Parliamentary Return, Cholera, No. 255, Session 1855.

Instructions and Forms for Returns of Cases.

A.—DIARRHŒA.

SHEET OF INSTRUCTIONS AND EXAMPLES.

(Attention is particularly requested to the following Instructions, as the Value of the Returns will depend on their Uniformity.)

INSTRUCTION I.—The following degrees or stages of the disease should, when possible, be distinguished:—

- Diarrhœa.* { 1. *Simple.*—Alvine discharges liquid, but fœcal. Vomiting and cramps absent.  
2. *Choleraic.*—Alvine discharges very copious, watery, still tinged with bile. Vomiting generally present, but not continued or urgent. Cramps absent.

ALL CASES OF "DIARRHŒA" ARE TO BE ENTERED ON THE SHEET A. AS SOON AS THEY ARE SEEN.

SO SOON AS THE "CHOLERAIC DIARRHŒA" PASSES INTO "CHOLERA," THE FACT SHOULD BE RECORDED IN THE PROPER COLUMN OF THIS RETURN (A), AND THE PEN SHOULD BE DRAWN THROUGH THE CASE, ALL THE PARTICULARS OF WHICH SHOULD THEN BE TRANSFERRED TO THE "RETURN B.," AND ITS SUBSEQUENT COURSE BE THERE RECORDED.

INSTRUCTION II. *Absence of Stages.*—The commencement of "Choleraic Diarrhœa" is generally marked by vomiting; and when vomiting exists from the very beginning, the word "absent" or "abs." may be written opposite "Simple Diarrhœa" in the Return.

INSTRUCTION III. *Dates.*—When the time of commencement of either stage cannot be ascertained, the words "not known" or "n. k." should be written in the place of the date: but the time of commencement may generally be stated approximately. (See Instruction III. Return B.)

INSTRUCTION IV. *Treatment.*—The nature of the treatment should be indicated in the Return as concisely as possible. When any uniform and definite plan of treatment is adopted in a series of cases, that plan should be accurately described in the space for "REMARKS," and should be indicated in the Table by one or two words, as "Conf. Arom. c. Op.," "Sulph. Ac.," &c.

A.—DIARRHŒA—continued.

FORM OF RETURNS.

(Attention is particularly requested to the Sheet of Instructions and Examples.)  
GENERAL RETURN OF THE NUMBER OF CASES OF DIARRHŒA NOT PASSING INTO CHOLERA.

Total Number of Cases.	Cases of Simple Diarrhœa not passing into further Stages.	Cases of Choleraic Diarrhœa not passing into further Stages.

ALL CASES OF DIARRHŒA, WITH PARTICULARS OF THEIR DURATION AND TREATMENT.

No. of Case.	Residence when attacked (Street and number of House.)	Sex.	Age (last Birthday.)	Rank and Occupation. (If Master, write Master after Name of Occupation.)	Degrees or Stages of the Disease.	Dates of their Commencement.		Date of Termination.			TREATMENT.		
						Day.	Hour.	In Recovery.	In Death.	In Cholera.	When commenced.	Its NATURE.	
					Simple Diarrhœa - -								
					Choleraic Diarrhœa - -								
					S. Diarrh. - - - -								
					Ch. Diarrh. - - - -								
					&c. - - - -								
					&c. - - - -								

REMARKS.

The above is a correct Return of Cases of Cholera observed and treated by me.

Name \_\_\_\_\_  
Professional Title \_\_\_\_\_  
Residence \_\_\_\_\_ Street \_\_\_\_\_ Parish \_\_\_\_\_ Registration sub-district \_\_\_\_\_



## Instructions and Forms for Returns of Cases.

## B.—CHOLERA.

## SHEET OF INSTRUCTIONS AND EXAMPLES.

(Attention is particularly requested to the following Instructions, as the Value of the Returns will depend on their Uniformity.)

INSTRUCTION I.—*The following Degrees or Stages of the Disease* are generally recognized by the Medical Profession, and wherever it is possible should be distinguished. The terms adopted to designate them are in common use. All the stages are not present in every case.

- |                  |   |  |
|------------------|---|--|
| <i>Diarrhœa.</i> | { | 1. <i>Simple.</i> —Alvine discharges frequent and liquid, but fecal. Vomiting and cramps absent.   |
|                  | { | 2. <i>Choleraic.</i> —Alvine discharges very copious, watery, still tinged with bile. Vomiting generally present, but not continued or urgent. Cramps of extremities absent.   |
|                  | { | 3. <i>Without Collapse.</i> —Alvine discharges watery, colourless, with white flakes (rice-water). Vomiting commonly urgent. Cramps of extremities frequent and severe. Eyes somewhat sunken. Temperature of surface lowered. Pulse small and feeble. Urine not secreted.  |
| <i>Cholera.</i>  | { | 4. <i>With Collapse.</i> —Surface of face and extremities quite cold, often wet. Face and hands much shrunken, and more or less deeply livid. Cramps present. Pulse at wrist absent or scarcely to be felt. Veins of extremities contracted to dark threads. Urine not secreted. Voice usually much altered and feeble.    |
|                  | { | 5. <i>Consecutive Fever.</i> —Temperature of surface more or less restored. Pulse distinct, sometimes full and throbbing. Veins more or less filled. Face less shrunken, or even full and deeply flushed. Drowsiness passing into stupor. Alvine discharges again containing bile. Urine, in most cases, still suppressed. |

INSTRUCTION II. *Absence of Stages.*—The absence of any one or more of the earlier stages should be indicated by the word "*absent*" or "*abs.*," written opposite the deficient stage in the place of the date of commencement. The fact of the disease not reaching the later stages will be sufficiently shown by the mode of termination of the case, ("*death*," or "*recovery*,") being written opposite the stage at which the disease ceased.

INSTRUCTION III. *Dates.*—When the time of commencement of a particular stage cannot be ascertained, the words "*not known*," or "*n. k.*," should be written in the place of the date. But although the precise hour of the commencement of each stage cannot be determined exactly, except in rare instances, it may generally be stated approximately by taking some intermediate time between a known period when the symptoms of the particular stage were entirely absent, and one in which they were clearly developed.

INSTRUCTION IV. *Recovery.*—The date of recovery should be fixed at the time when all the symptoms of the disease, and all marked disturbances of health directly resulting from it, have disappeared, although some degree of debility may remain.

INSTRUCTION V. *Treatment.*—The nature of the treatment should be indicated in the Table as concisely as possible. When any uniform and definite plan of treatment is adopted in a series of cases, that plan should be accurately described in the space for "*REMARKS*," and should be indicated on the Table by one or two words, as "*Salines*," "*Calomel c. Op.*," "*Stimulants*," "*Sulph. Ac.*," &c.

INSTRUCTION VI.—If any patient at the time of the attack was already suffering from another disease, the nature of that disease and the treatment used for it should be mentioned in the "*REMARKS*."

B.—CHOLERA—continued.

FORM OF RETURNS.

(Attention is particularly requested to the Sheet of Instructions and Examples.)  
GENERAL RETURN OF THE NUMBER OF CASES OF CHOLERA OBSERVED.

Total Number of Cases.	Cases of Cholera not passing into complete Collapse.	Cases of complete Collapse.	Number of foregoing Cases in which Consecutive Fever supervened.

ALL CASES OF CHOLERA, WITH PARTICULARS OF THE DURATION AND TREATMENT OF THE SEVERAL STAGES IN EACH CASE.

No. of Case.	Residence when attacked (Street and number of House.)	Sex.	Age (last Birth-day.)	Rank and Occupation. (If Master, write Mast. after the Name of Occupation.)	Degrees or Stages of the Disease.	Dates of their Commencement.		Termination of the Case.		Dates of Death or Recovery.		Treatment in the several Stages.
						Day.	Hour.	Death.	Recovery.	Day.	Hour.	
					Simple Diarrhoea - Choleraic Diarrhoea - Cholera (without collapse) - Collapse - Consecutive Fever -							
					S. Diarrh. - Ch. Diarrh. - Cholera - Coll. - Consec. F. -							
					&c. &c.							

REMARKS.

The above is a correct Return of Cases of Cholera observed and treated by me.

Name \_\_\_\_\_  
Professional Titles \_\_\_\_\_  
Residence \_\_\_\_\_ Street \_\_\_\_\_ Parish \_\_\_\_\_  
Registration sub-district \_\_\_\_\_

Memorandum on the foregoing "Instructions and Forms for Returns of Cases of Diarrhoea and Cholera."

IN the Statistical Section of the Committee's Report, it is shown that the degrees of danger to which patients are exposed—or, on the other hand, their chances of recovery—are very different in the different stages of choleraic disease. As long as they suffer only from the diarrhoea stage, their chances of recovery are probably not less than 50 to 1. But on the symptoms of unequivocal cholera supervening, their chances of dying or recovering are nearly equal. If they pass into collapse, the chances are 2 to 1 against their recovery; while, if they survive this stage, but do not at once recover, their chances in the consecutive fever stages are 2 to 1 in favour of their recovery.

The risks attending the different stages of the diarrhoea and cholera had not before been measured. Yet it was well known that the danger increased as the disease advanced to the stage of complete cholera with collapse. The Medical Council, therefore, felt that the relative powers of different modes of treating cholera could not be estimated, unless the relative severity of the cases submitted to the several methods of cure and the stages at which the treatment was commenced in each case were known; and the Forms of Returns issued to medical practitioners (and reprinted in the Appendix) were drawn up with reference to this object. The degrees or stages of the disease which have been generally recognised by experienced writers, viz.:—simple diarrhoea, choleraic diarrhoea, cholera without collapse, cholera with collapse, and the consecutive fever, were distinguished in the Tabular Forms, and were described in brief definitions. Difficulty may sometimes have been experienced in identifying all the phases of particular cases with the stages thus defined; for the different stages, for the most part, pass one into another by almost imperceptible gradations; entire stages may be absent, or may, from their short duration, escape observation; and certain important symptoms may occur earlier or later than the stage of which they are usually characteristic. But in the large majority of cases, it will be possible to determine what is the predominant character of the group of symptoms present at a given time.

The simple diarrhoea does not differ from the ordinary sporadic diarrhoea in any known characters, except it be in the entire or nearly entire absence of pain.

The choleraic diarrhoea is, on the other hand characterized by the extraordinary copiousness of the discharges, and their watery nature, though bile is still present in them, and usually by the early occurrence of vomiting; and, further, by the exhaustion consequent on the loss of fluids, which is both felt by the patient and manifested in his countenance and pulse.

The distinction between choleraic diarrhoea and cholera without collapse will sometimes be attended with difficulty, or at least require care. Slight cramps occur in cases which are shown by all other characters to be as yet only in the stage of choleraic diarrhoea. The discharges may assume very early the rice-water character, while the other symptoms are not proportionally severe. In such cases the consideration of the symptoms collectively, with especial regard to the amount of exhaustion present and the rapidity of its increase, will usually lead to a correct judgment as to the existing degree or stage of the disease.

As the danger in cholera is so much affected by the presence or absence of collapse, it is most important that in all numerical reports of cases intended to illustrate the results of treatment, the character of the cases in this particular should be correctly stated. The essential phenomena of collapse are the more or less diminished volume of the blood and its slow movement, both of which may be best seen in the superficial veins. The complete or nearly complete absence of pulse at the wrist, the loss of heat, and the shrinking of the tissues in some degree are the necessary consequences of this state of the circulating fluid. But the dark or livid colour of the surface of the body is subject to great variety in cases of equally advanced collapse; it appears to be dependent, at least in great part, on the colour and other conditions of the skin in health, and is imperfectly developed in persons of fair and pale complexion. It is, therefore, not an essential phenomenon of collapse.

The stage denominated consecutive fever cannot be precisely defined. For the morbid conditions which too often succeed to the collapse of cholera are various. Those best known are the imperfect reaction from collapse, the state of uræmia, and the states of sympathetic fever and other disturbance of the general system attending inflammation of the lungs, ulceration and sloughing of the intestines, or suppuration of the parotids. The same mode of treatment cannot be equally applicable to all these different forms of consecutive disease. A valuable addition, therefore, will be made to our knowledge, if in future returns it be stated in each case what was the form of consecutive disease submitted to the treatment.

## No. II.

Statistical Tables and other Documents illustrating the Report  
of the Medical Council's Committee for Scientific Purposes.

I.—The FIRST SERIES of TABLES (I. to XI.) was compiled by Mr. Lindsey Blyth, from the Medical Returns (A. B.), which were filled up by the Medical Practitioners of London, and of some other districts in which cholera prevailed.

II.—The SECOND SERIES of Tables (I. to X.) was compiled by Mr. Henry Edwards, assisted by Mr. C. Taylor, and others, from the Registers of Deaths, with the permission of the Registrar-General.

III.—The THIRD SERIES of TABLES, comprising Deductions and Numerical Results, partly taken from the preceding Tables, and partly from the Registrar-General's Weekly Tables. The additional Tables are calculated by Mr. F. J. Williams.

## FIRST SERIES.

TABLE I.

Where the Cases were observed.	CHOLERA.			CHOLERA and DIARRHŒA.	DIARRHŒA.		
	Cases.	Recoveries.	Deaths.	Total Cases, Cholera and Diarrhœa.	Deaths.	Recoveries.	Cases.
In Hospitals - - -	1,502	739	763	2,190	8	680	688
Out of Hospitals - -	1,686	982	704	18,458	101	16,671	16,772
Total in London -	3,188	1,721	1,467	20,648	109	17,351	17,460
Provincial Districts, England	586	348	233	2,762	40	2,136	2,176
Provincial Districts, Scotland	497	254	243	1,162	7	658	665
Total - - -	4,271	2,323	1,948	24,572	156	20,145	20,301

## FIRST SERIES—continued.

TABLE II.—THREE GROUPS of CASES of DIARRHŒA, distinguishing those that were returned in the prescribed Forms.

	Cases.	Recoveries.	Deaths
(1.) Diarrhœa, simple and choleraic, (cases returned only in the aggregate) - - -	9,103	9,075	28
(2.) Diarrhœa, simple and choleraic, (which have been returned in detail in prescribed forms) - - - -	10,323	10,200	123
(3.) Diarrhœa, simple and choleraic, returned in the prescribed forms, (passing into other diseases) - - - -	15	9	6
Total - - - -	19,441	19,284	157

None of these cases, even when fatal, passed into the stages of cholera or collapse; fifteen, however, passed into dysentery, fever, and other diseases.

TABLE III.—CASES of CHOLERA, distinguishing their Form at the commencement, as stated in the Returns.

Returned as commencing in	Cases.	Recoveries.	Deaths.
(1.) Diarrhœa - - - -	1,317	699	618
(2.) Choleraic Diarrhœa - - - -	360	188	172
(3.) Cholera - - - -	199	86	113
(4.) Collapse - - - -	6	1	5
(5.) Mode of origin unknown - - - -	1,816	947	869
Total - - - -	3,698	1,921	1,777

## FIRST SERIES—continued.

TABLE IV.—The same CASES of CHOLERA as in Table III., distinguishing the MODES of TERMINATION.

Returned as terminating in the stage of	Cases.	Recoveries.	Deaths.
(1.) Cholera (without collapse) - - -	924	813	111
(2.) Cholera (with collapse) - - -	1,798	391	1,407
(3.) Consecutive fever (preceded by cholera or collapse) - - - -	874	625	249
(4.) Stage of termination doubtful - - -	102	92	10
Total - - - -	3,698	1,921	1,777

TABLE V.—CASES of CONSECUTIVE FEVER, distinguishing those preceded by COLLAPSE, and those preceded by CHOLERA without COLLAPSE.

	Total Cases.	Recoveries.	Deaths.
Preceded by cholera - - - -	874	625	249
Namely, by cholera without collapse - - -	223	197	26
By cholera with collapse - - - -	585	386	199
And by cholera in which this point was not recorded - - - -	66	42	24

FIRST SERIES—continued

TABLE VI.—Cases of DIARRHŒA and CHOLERA, distinguishing the Mode of ORIGIN and TERMINATION (including those Cases of Diarrhœa returned in the aggregate, without the details of Age and other circumstances).

	TERMINATING IN																					
	TOTAL.			DIARRHŒA.			CHOLERA.			COLLAPSE.			CONSECUTIVE AND OTHER FEVER.			DYSENTERY AND OTHER DISEASES.			STAGE OF TERMINATION DOUBTFUL.			
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	
TOTAL CASES -	23,139	21,205	1,934	19,426	19,275	151	924	813	111	1,798	391	1,407	874	625	249	15	9	6	102	92	10	
Returned as																						
Commencing in diarrhœa	21,118	20,171	947	19,426	19,275	151	310	290	20	793	181	612	561	404	157	15	9	6	13	12	1	
Commencing in cholera	199	86	113	—	—	—	22	20	2	118	20	98	59	46	13	—	—	—	—	—	—	
Commencing in collapse	6	1	5	—	—	—	—	—	—	5	1	4	1	—	1	—	—	—	—	—	—	
Mode of origin unknown	1,816	947	869	—	—	—	592	503	89	882	189	693	253	175	78	—	—	—	89	80	9	

FIRST SERIES—continued.

TABLE VII.—Of the DURATION of CASES of RECOVERY and DEATH from CHOLERA and from DIARRHŒA in

MALES.

Duration.	CHOLERA.			DIARRHŒA.			Duration.
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	
0-	58	15	43	130	127	3	0-
1-	201	17	184				1-
2-	130	7	123				2-
3-	55	1	54				3-
0-	444	40	404	130	127	3	0-
1-	300	77	223	602	594	8	1-
2-	222	117	105	519	516	3	2-
3-	180	127	53	338	329	9	3-
4-	151	110	41	209	205	4	4-
5-	105	84	21	161	155	6	5-
6-	87	69	18	116	112	4	6-
7-	81	64	17	81	77	4	7-
14-	256	215	41	202	197	5	14-
21-	60	54	6	51	51	0	21-
28-	29	27	2	12	10	2	28-
Not known	17	8	9	0	0	0	Not known.
Total -	1932	992	940	2421	2373	48	Total.

TABLE VIII.—Of the DURATION of CASES of RECOVERY and DEATH from CHOLERA and from DIARRHŒA in

FEMALES.

Duration.	CHOLERA.			DIARRHŒA.			Duration.
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	
0-	48	16	32	154	151	3	0-
1-	146	15	131				1-
2-	144	10	134				2-
3-	34	1	33				3-
0-	372	42	330	154	151	3	0-
1-	290	85	205	671	609	2	1-
2-	181	100	81	600	592	8	2-
3-	162	109	53	363	360	3	3-
4-	120	87	33	295	290	5	4-
5-	80	59	21	189	188	1	5-
6-	76	53	23	129	126	3	6-
7-	96	71	25	106	101	5	7-
14-	232	195	37	268	261	7	14-
21-	57	54	3	62	61	1	21-
28-	19	17	2	13	12	1	28-
Not known	18	14	4	0	0	0	Not known.
Total -	1703	806	817	2850	2811	59	Total.

The Table may be read thus: of 1,703 cases of CHOLERA in Females, the duration was not returned in 18 instances; 48 cases terminated in less than 6 hours, or the  $\frac{1}{2}$  of a day; 146 in 6 and less than 12 hours (or  $\frac{1}{2}$  to  $\frac{1}{2}$  day), and so on; thus, 372 cases terminated in less than 24 hours, or in one day, namely, 42 in recovery, 330 in death.

FIRST SERIES—continued.

TABLE IX.—CASES of CHOLERA and DIARRHŒA occurring in PERSONS of different Ages, and distinguishing the Number of RECOVERIES and DEATHS at each Age.

Ages.	CHOLERA and DIARRHŒA.			CHOLERA.			DIARRHŒA.		
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.
	0—	196	163	33	23	10	13	173	153
1—	192	171	21	22	12	10	170	159	11
2—	187	142	45	68	27	41	119	115	4
3—	194	125	69	98	32	66	96	93	3
4—	170	117	53	83	31	52	87	86	1
	939	718	221	294	112	182	645	606	39
5—	202	137	65	131	67	64	71	70	1
10—	494	379	115	240	128	112	254	251	3
15—	398	330	68	185	120	65	213	210	3
20—	705	597	108	299	195	104	406	402	4
25—	816	692	124	341	218	123	475	474	1
30—	969	821	148	357	210	147	612	611	1
35—	866	698	168	362	196	166	504	502	2
40—	795	648	147	302	158	144	493	490	3
45—	584	455	129	240	112	128	344	343	1
50—	499	392	107	185	80	105	314	312	2
55—	411	305	106	205	100	105	206	205	1
60—	378	282	96	154	65	89	224	217	7
65—	285	213	72	112	46	66	173	167	6
70—	266	186	80	103	28	75	163	158	5
75—	142	105	37	50	15	35	92	90	2
80—	81	53	28	33	7	26	48	46	2
85—	41	27	14	13	3	10	28	24	4
90—	8	6	2	3	1	2	5	5	—
95—	2	2	—	1	1	—	1	1	—
100	1	—	1	1	—	1	—	—	—
N.K.	74	66	8	24	16	8	50	50	—
Total	8,956	7,112	1,844	3,635	1,878	1,757	5,321	5,234	87

FIRST SERIES—continued.

TABLE X.—CASES of CHOLERA and DIARRHŒA occurring in MALES of different Ages, and distinguishing the Number of RECOVERIES and DEATHS at each age.

Ages.	CHOLERA and DIARRHŒA.			CHOLERA.			DIARRHŒA.		
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.
	0—	526	394	132	180	70	110	346	324
5—	108	68	40	72	33	39	36	35	1
10—	265	207	58	128	72	56	137	135	2
15—	222	182	40	113	76	37	109	106	3
25—	726	602	124	340	219	121	386	383	3
35—	872	696	176	395	221	174	477	475	2
45—	632	489	143	279	136	143	353	353	—
55—	405	303	102	180	79	101	225	224	1
65—	291	212	79	124	51	73	167	161	6
75—	221	158	63	81	21	60	140	137	3
85—	71	42	29	28	4	24	43	38	5
95—	2	2	—	—	—	—	2	2	—
100	—	—	—	—	—	—	—	—	—
N.K.	12	10	2	12	10	2	—	—	—
Total	4,353	3,365	988	1,932	992	940	2,421	2,373	48

TABLE XI.—CASES of CHOLERA and DIARRHŒA occurring in FEMALES of different Ages, and distinguishing the Number of RECOVERIES and DEATHS at each Age.

Ages.	CHOLERA and DIARRHŒA.			CHOLERA.			DIARRHŒA.		
	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.	Cases.	Recoveries.	Deaths.
	0—	413	324	89	114	42	72	299	282
5—	94	69	25	59	34	25	35	35	—
10—	229	172	57	112	56	56	117	116	1
15—	176	148	28	72	44	28	104	104	—
25—	795	687	108	300	194	106	495	493	2
35—	963	823	140	324	185	139	639	638	1
45—	747	614	133	263	134	129	484	480	4
55—	505	394	111	210	101	109	295	293	2
65—	372	283	89	142	60	82	230	223	7
75—	187	133	54	72	22	50	115	111	4
85—	51	38	13	18	6	12	33	32	1
95—	8	6	2	4	2	2	4	4	—
100—	1	—	1	1	—	1	—	—	—
N.K.	12	6	6	12	6	6	—	—	—
Total	4,553	3,697	856	1,703	886	817	2,850	2,811	39

FIRST SERIES—continued.

TABLE XII.—PROPORTIONAL NUMBER of DEATHS, at Twelve different Ages, to every 100 Cases of CHOLERA and DIARRHŒA, in the year 1854.

Age.	To 100 Cases of CHOLERA, at each Age, the Number of Deaths.	To 100 Cases of DIARRHŒA, at each Age, the Number of Deaths.
All Ages	48·3	1·6
0—	61·8	6·0
5—	48·5	1·4
10—	46·7	1·2
15—	34·9	1·4
25—	35·4	0·6
35—	43·4	0·3
45—	50·1	0·5
55—	53·8	0·6
65—	58·2	3·2
75—	71·4	2·7
85—	78·3	0·8
95 & upwards.	60·0	—

The Table may be read thus :—Out of 100 cases of Cholera, which occurred in 1854, at the age of 25 and under 35, there were 35·4 deaths and 64·6 recoveries; out of 100 cases of Diarrhœa, at the same age, there were 0·6 deaths, and consequently 99·4 recoveries, and so on for other ages.

TABLE XIII.—SUMMARY of Two Sets of SCOTCH RETURNS—No. I. from first appearance of CHOLERA in Scotland to 1st April 1854, and No. II. from 1st April 1854 to January 10th 1855.

Number of Parishes in Scotland.	Total Number of Parishes in which Cholera appeared.	Dates of first and last Cases in Returns No. I. & II.	Total Number of Cases.	Total Number of Deaths.
883	227*	{ 31st Aug. 1853 17th Nov. 1854 }	14,430*	6,848*

\* These numbers are larger than the combined totals in Returns No. I. and II. to the extent of 1 parish, 5 cases, and 4 deaths, reported to the Board of Supervision subsequent to the dispatch of Return No. I. to the General Board of Health on 18th May 1854.

Board of Supervision,  
Edinburgh, 10th January 1855.

W. S. WARREN,  
Secretary.

SECOND SERIES.

TABLE I.—Showing the DEATHS in LONDON from CHOLERA and DIARRHŒA on each DAY from 1st July 1853 to 31st December 1854, both inclusive (C. denotes DEATHS from CHOLERA, and D. DEATHS from DIARRHŒA.)

Day of the Month.	1854.												1853.											
	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
1	C.	7	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
2	D.	6	D.	7	D.	6	D.	5	D.	4	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1
3	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
4	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
5	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
6	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
7	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
8	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
9	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
10	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
11	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
12	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
13	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
14	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
15	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
16	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
17	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
18	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
19	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
20	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
21	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
22	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
23	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
24	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
25	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
26	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
27	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
28	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
29	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
30	D.	3	D.	2	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1	D.	1
31	C.	4	C.	3	C.	2	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1	C.	1
Total -		21		380		67		723		1111		454		335		283		288		218		43		187

SECOND SERIES—continued.

TABLE II.—DEATHS from CHOLERA and DIARRHŒA on each DAY of Five Months of the Year 1849.

Day of the Month.	June.			July.			August.			September.			October.		
	Chol.	Diarr.	Total.	Chol.	Diarr.	Total.	Chol.	Diarr.	Total.	Chol.	Diarr.	Total.	Chol.	Diarr.	Total.
1	1	7	8	19	12	31	142	29	171	250	42	292	41	16	57
2	2	6	8	37	14	51	123	36	159	282	38	320	55	20	75
3	2	5	7	30	10	40	98	29	127	316	37	353	31	13	44
4	—	2	2	20	3	23	138	27	165	386	42	378	22	20	42
5	3	2	5	21	3	24	127	31	157	314	41	355	28	16	44
6	4	3	7	29	8	37	96	25	121	297	44	341	20	16	36
7	4	3	7	35	14	49	110	29	139	384	34	318	19	19	38
8	10	16	26	34	12	46	128	38	166	311	41	352	11	11	22
9	7	12	19	45	19	64	124	20	144	299	31	330	10	10	20
10	7	12	19	67	13	80	124	32	156	296	47	343	16	9	25
11	5	12	17	58	12	70	157	23	180	312	30	342	14	12	26
12	5	14	19	66	14	80	166	30	196	392	46	438	7	6	13
13	5	15	20	79	16	95	214	21	235	427	38	465	9	4	13
14	5	15	20	91	15	106	204	32	236	436	43	479	7	7	14
15	5	15	20	91	15	106	185	33	218	418	41	459	3	3	6
16	10	17	27	121	24	145	173	33	206	406	41	447	3	3	6
17	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
18	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
19	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
20	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
21	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
22	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
23	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
24	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
25	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
26	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
27	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
28	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
29	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
30	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
31	7	17	24	121	24	145	151	25	176	376	33	409	3	3	6
Total	279	150	429	2,555	684	3,239	5,308	993	6,301	15,081	1,012	17,093	337	205	542

SECOND SERIES—continued.

TABLE III.—Showing the NUMBER of DEATHS by CHOLERA and DIARRHŒA in each DISTRICT of LONDON in the Year and half, 1853½ to 1854, distinguishing DEATHS in HOSPITALS.

No. of Districts.	Districts.	Deaths by		Deaths by		Total.
		Cholera, including Deaths in Hospitals.	Cholera in Hospitals.	Cholera, exclusive of Deaths in Hospitals.	Diarrhœa.	
	LONDON	11,661	800	10,861	6,253	17,119
	West Districts :					
1	Kensington	543	29	514	237	801
2	Chelsea	309	—	309	153	467
3	St. George, Hanover Square	303	64	239	130	369
4	Westminster	443	63	380	207	587
5	St. Martin-in-the-Fields	59	11	48	43	91
6	St. James, Westminster	497	—	497	43	540
	North Districts :					
7	Marylebone	397	128	269	349	618
	Hampstead	15	—	15	14	29
	Paneras	256	84	172	337	509
10	Islington	116	—	116	249	365
11	Hackney	91	—	91	127	218
	Central Districts :					
12	St. Giles	115	—	115	141	256
13	Strand	112	17	95	93	188
14	Holborn	28	—	28	94	122
15	Clerkenwell	67	—	67	127	194
16	St. Luke	55	—	55	161	216
17	East London	104	—	104	121	225
18	West London	116	87	29	51	80
19	London, City	79	—	79	60	139
	East Districts :					
20	Shoreditch	266	—	266	293	561
21	Bethnal Green	213	—	213	217	430
22	Whitechapel	427	65	362	227	589
23	St. George-in-the-East	175	—	175	156	331
24	Stepney	436	—	436	323	759
25	Poplar	218	—	218	137	355
	South Districts :					
26	St. Saviour, Southwark	551	49	502	195	697
27	St. Olave, Southwark	341	90	251	35	286
28	Bermondsey	923	—	923	209	1,132
29	St. George, Southwark	625	—	625	185	810
30	Newington	741	—	741	196	937
31	Lambeth	1,003	—	1,003	461	1,464
32	Wandsworth	450	—	450	153	603
33	Camberwell	581	—	581	180	761
34	Rotherhithe	308	—	308	105	413
35	Greenwich	613	113	500	303	803
36	Lewisham	85	—	85	81	166

St. Bartholomew's Hospital, in the West London District, contained 540 inmates in 1851. The portions of Guy's and St. Thomas's Hospitals, in the District of St. Olave, Southwark, contained 772 inmates in 1851.



## SECOND SERIES—continued.

TABLE IV.—Showing the TOTAL NUMBER of DEATHS from CHOLERA and DIARRHŒA registered in each of the DISTRICTS and SUB-DISTRICTS in LONDON, from 1st July 1853 to 31st December 1854, both inclusive.

	District.	Registrar's Sub-District.	Cholera.	Diar.	Total.
<i>West Districts.</i>					
1	KENSINGTON	Paddington, St. Mary	33	47	80
		"    St. John	71	52	123
		Kensington Town	157	92	249
		Brompton	48	29	77
		Hammersmith, St. Peter	33	6	39
		"    St. Paul	96	29	125
		Fulham	105	32	137
2	CHELSEA	Chelsea, South	128	50	178
		"    North-west	101	47	148
		"    North-east	80	61	141
3	ST. GEORGE, HANOVER SQUARE.	Hanover Square	21	26	47
		Mayfair	32	13	45
		Belgrave	250	91	341
4	WESTMINSTER	St. John	192	104	296
		St. Margaret	251	103	354
5	ST. MARTIN IN FIELDS	Charing Cross	41	16	57
		Long Acre	18	27	45
6	ST. JAMES, WESTMINSTER.	Berwick Street	200	17	217
		St. James Square	20	6	26
		Golden Square	277	20	297
<i>North Districts.</i>					
7	MARYLEBONE	All Souls	158	48	206
		Cavendish Square	12	15	27
		Rectory	99	65	164
		St. Mary	44	46	90
		Christ Church	49	98	147
		St. John	35	77	112
8	HAMPSTEAD	Hampstead	15	14	29
9	PANCRAS	Regent's Park	25	51	76
		Tottenham Court	90	64	154
		Gray's Inn Lane	60	41	101
		Somers Town	33	53	86
		Camden Town	27	72	99
		Kentish Town	21	56	77
10	ISLINGTON	Islington West	72	131	203
		"    East	44	118	162
11	HACKNEY	Stoke Newington	5	6	11
		Stamford Hill	9	14	23
		West Hackney	26	34	60
		Hackney	41	45	86
		South Hackney	10	28	38
<i>Central Districts.</i>					
12	ST. GILES	St. George, Bloomsbury	13	32	45
		St. Giles, South	63	62	125
		"    North	39	47	86
13	STRAND	St. Ann, Soho	65	34	99
		St. Mary-le-Strand	13	22	35
		St. Clement Danes	34	37	71

## SECOND SERIES—continued.

TABLE IV.—Showing Total Number of Deaths from Cholera registered, &amp;c.—continued.

	District.	Registrar's Sub-District.	Cholera.	Diar.	Total.
14	HOLBORN	St. George Martyr	8	31	39
		St. Andrew, Holborn	12	48	60
		Saffron Hill	8	15	23
15	CLERKENWELL	St. James	25	54	79
		Amwell	17	28	45
		Pentonville	11	23	34
		Goswell Street	14	22	36
16	ST. LUKE	Old Street	9	19	28
		City Road	13	38	51
		Whitecross Street	21	68	89
		Finsbury	12	36	48
17	EAST LONDON	St. Botolph	49	72	121
		Cripplegate	41	49	90
18	WEST LONDON	West London, North	116	36	152
		"    South	17	15	32
19	CITY OF LONDON	London City, South West	15	9	24
		"    North West	8	9	17
		"    South	19	10	29
		"    South East	24	11	35
		"    North East	10	21	31
<i>East Districts.</i>					
20	SHOREDITCH	Holywell	59	44	103
		St. Leonard	94	58	152
		Hoxton, New Town	36	58	94
		"    Old Town	22	56	78
		Haggerstone, West	38	61	99
		"    East	17	21	38
21	BETHNAL GREEN	Hackney Road	57	46	103
		Green	81	79	160
		Church	32	43	75
		Town	43	49	92
22	WHITECHAPEL	Artillery	24	15	39
		Spitalfields	46	40	86
		Mile End, New Town	100	49	149
		Whitechapel, North	52	35	87
		"    Church	78	13	91
		Goodman's Fields	37	37	74
		Aldgate	90	38	128
23	ST. GEORGE IN THE EAST.	St. Mary	60	55	115
		St. Paul	82	43	125
		St. John	33	58	91
24	STEPNEY	Shadwell	91	63	154
		Ratcliff	82	47	129
		Mile End, Old Town, Upper	39	69	108
		"    Lower	131	98	229
		Limehouse	93	46	139
25	POPLAR	Bow	81	59	140
		Poplar	137	78	215
			5,440	4,150	9,590

## SECOND SERIES--continued.

TABLE IV.—Showing Total Number of Deaths from Cholera registered, &amp;c.—continued.

District.	Registrar's Sub-District.	Cholera.	Diar.	Total.	
<i>South Districts.</i>					
26	ST. SAVIOUR, SOUTH-WARK.	Christ Church - - - St. Saviour - - -	127 48 147	175 571	
27	ST. OLAVE, SOUTH-WARK.	St. Olave - - - St. John - - -	183 158 16	202 174	
28	BERMONDSEY - - -	St. James - - - St. Mary Magdalen - - Leather Market - - -	388 275 260 73 72	452 348 382	
29	ST. GEORGE, SOUTH-WARK.	Kent Road - - - Borough Road - - - London Road - - -	219 301 105 70 77 38	289 378 143	
30	NEWINGTON - - -	Trinity, Newington - St. Peter, Walworth - St. Mary - - -	224 419 98 69 111 16	293 530 114	
31	LAMBETH - - -	Waterloo Road, 1st. - " 2nd. - - - Lambeth Church, 1st. " 2nd. - - - Kennington, 1st. " 2nd. - - - Brixton - - - Norwood - - -	62 128 63 215 321 148 56 10 33 67 58 130 101 33 25 14	95 195 121 345 422 181 81 24	
32	WANDSWORH - - -	Clapham - - - Battersea - - - Wandsworth - - - Putney - - - Streatham - - -	178 181 66 9 16 38 60 35 6 14	216 241 101 15 30	
33	CAMBERWELL - - -	Dulwich - - - Camberwell - - - Peckham - - - St. George - - -	- 256 187 138 1 71 58 50	1 327 245 188	
34	ROTHERHITHE - - -	Rotherhithe - - -	308 105	413	
35	GREENWICH - - -	St. Paul, Deptford - St. Nicholas, Deptford Greenwich, West - " East - - - Woolwich Dockyard " Arsenal - - -	108 128 173 124 20 60 67 33 50 95 31 32	175 161 223 219 51 92	
36	LEWISHAM - - -	Plumstead - - - Eltham - - - Lee - - - Lewisham Village Sydenham - - -	23 3 16 31 12 38 2 16 18 7	61 5 32 49 19	
			6,221	2,108	8,329
DISTRICTS NORTH OF THE THAMES -			5,440	4,150	9,590
DISTRICTS SOUTH OF THE THAMES -			6,221	2,108	8,329
TOTAL DISTRICTS -			11,661	6,258	17,919

## SECOND SERIES--continued.

TABLE V.—SUMMARY TABLE, showing the NUMBER of DEATHS from CHOLERA and DIARRHOEA in the following HOSPITALS and WORKHOUSES of London, from the 1st day of July 1853 to the 31st of December 1854, both inclusive.

District.	Sub-district.	Hospital, Workhouse, &c.	Cholera.	Diarrhoea.	Total.
<i>Districts North of the Thames:</i>					
1	KENSINGTON -	Paddington, St. Mary - Kensington Town - Fullham - - -	29 1 18 4 42 23 18 19 64 63 49 11 2 32	- 1 4 10 2 10 8 4 5 3 20 - 4 -	29 2 22 14 44 33 26 23 69 66 69 11 6 32
2	CHELSEA - - -	Chelsea, North-west - Chelsea Workhouse - St. George's Workhouse -	42 23 18	10 2 8	52 33 26
3	ST. GEORGE, HAN-OVER SQUARE.	Mayfair - - - Belgrave - - -	- -	- -	- -
4	WESTMINSTER -	St. Margaret - - - Westminster Hospital - Westminster Workhouse -	64 63 49	5 3 20	69 66 69
5	ST. MARTIN-IN-THE-FIELDS.	Charing Cross - - - Charing Cross Workhouse	11 2	- 4	11 6
6	ST. JAMES, WESTMINSTER.	Golden Square - - - Workhouse, Golden Square	32 -	- -	32
7	MARYLEBONE -	All Souls - - - Rectory - - - Hampstead - - -	128 46 2	- 14 1	128 60 3
8	HAMPSTEAD -	Hampstead - - - University College Hospital	36 17	2 8	38 25
9	PANCRAS - - -	Tottenham Court - Gray's Inn Lane - Camden Town - Islington, West - Islington Workhouse - Hackney - - - Hackney Workhouse - St. Giles's Workhouse - King's College Hospital - St. Andrew's Workhouse - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	48 15 4 4 2 35 17 - 5 10 110 1 - 17 13 22 42 29 65 2	5 20 2 5 3 9 1 9 3 18 4 3 4 14 18 16 12 6 4 10	50 20 7 11 40 18 9 8 28 114 4 4 31 31 38 54 35 69 12
10	ISLINGTON - -	Islington, West - - - Hackney - - - Hackney Workhouse - St. Giles's Workhouse - King's College Hospital - St. Andrew's Workhouse - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	4 2 2 35 17 - 5 10 110 1 - 17 13 22 42 29 65 2	3 9 1 5 1 9 3 3 18 4 3 4 14 18 16 12 6 4 10	7 11 40 18 9 8 28 114 4 4 31 31 38 54 35 69 12
11	HACKNEY - - -	Hackney - - - Hackney Workhouse - St. Giles's Workhouse - King's College Hospital - St. Andrew's Workhouse - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	4 2 2 35 17 - 5 10 110 1 - 17 13 22 42 29 65 2	3 9 1 5 1 9 3 3 18 4 3 4 14 18 16 12 6 4 10	7 11 40 18 9 8 28 114 4 4 31 31 38 54 35 69 12
12	ST. GILES - - -	St. Giles, South - - - King's College Hospital - St. Andrew's Workhouse - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	35 17 - 5 10 110 1 - 17 13 22 42 29 65 2	5 1 9 3 3 18 4 3 4 14 18 16 12 6 4 10	40 18 9 8 28 114 4 4 31 31 38 54 35 69 12
13	STRAND - - -	St. Clement Danes - King's College Hospital - St. Andrew's Workhouse - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	17 - 5 10 110 1 - 17 13 22 42 29 65 2	1 9 3 3 18 4 3 4 14 18 16 12 6 4 10	18 9 8 28 114 4 4 31 31 38 54 35 69 12
14	HOLBORN - - -	St. Andrew, Holborn - St. James's Workhouse - St. Botolph Workhouse - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	5 10 110 1 - 17 13 22 42 29 65 2	3 3 18 4 3 4 14 18 16 12 6 4 10	8 28 114 4 4 31 31 38 54 35 69 12
15	CLERKENWELL -	St. James - - - St. Botolph - - - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	5 10 110 1 - 17 13 22 42 29 65 2	3 3 18 4 3 4 14 18 16 12 6 4 10	8 28 114 4 4 31 31 38 54 35 69 12
17	EAST LONDON -	St. Botolph - - - St. Bartholomew's Hospital Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	10 110 1 - 17 13 22 42 29 65 2	3 3 18 4 3 4 14 18 16 12 6 4 10	28 114 4 4 31 31 38 54 35 69 12
18	WEST LONDON -	West London, North Workhouse, Aldersgate - Workhouse, West Street - St. Luke's Workhouse - Shoreditch Workhouse - Bethnal Green Workhouse	110 1 - 17 13 22 42 29 65 2	3 3 18 4 3 4 14 18 16 12 6 4 10	114 4 4 31 31 38 54 35 69 12
20	SHOREDITCH -	Hoxton New Town Haggerstone, West Green - - - Bethnal Green Workhouse	17 13 22 42 29 65 2	14 18 16 12 6 4 10	31 31 38 54 35 69 12
21	BETHNAL GREEN	Mile End New Town Whitechapel, North Whitechapel Church St. John - - -	42 29 65 2	12 6 4 10	54 35 69 12
22	WHITECHAPEL -	Mile End Old Town, Lower, &c. - - - Limehouse - - - Bow - - - Poplar - - -	70 - - - 26	5 3 - 4 13	75 3 - 4 39
23	ST. GEORGE IN THE EAST.	St. John - - - Workhouse - - -	2 10	- -	12
24	STEPNEY - - -	Shadwell - - - Ratcliff - - - Mile End Old Town, Lower, &c. - - - Limehouse - - - Bow - - - Poplar - - -	3 - 70 - - - 26	9 4 5 3 - 4 13	12 4 75 3 - 4 39
25	POPLAR - - -	Bow - - - Poplar - - -	- 26	- 13	- 39
			1,140	280	1,420
<i>Districts South of the Thames:</i>					
26	ST. SAVIOUR, SOUTH-WARK.	Christ Church - - - St. Saviour - - -	16 45 4 31 59 16 38 80	7 - 2 6 10 4 9 20	23 45 6 37 69 20 47 100
27	ST. OLAVE, SOUTH-WARK.	St. Olave - - - St. John - - - St. Mary Magdalen	31 16 38	6 4 9	37 20 47
28	BERMONDSEY -	St. John - - - St. Mary Magdalen	16 38	4 9	20 47
29	ST. GEORGE, SOUTH-WARK.	Borough Road - - - Workhouse, Mint Street -	80 22 43 1 3 4 12 5 68 4 113 29 10	20 4 3 3 5 3 32 -	100 26 102 4 17 73 13 116 61 10
30	NEWINGTON -	St. Peter, Walworth Workhouse - - -	22 59	4 43	26 102
31	LAMBETH - - -	Lambeth Church, 2d Norwood - - - Workhouse - - - Battersea - - - Camberwell Workhouse - Rotherhithe - - - Rotherhithe Workhouse - Dreadnought Hospital Do. East - - - Workhouse - - -	59 1 3 4 12 5 68 4 113 29 10	43 3 4 5 3 3 32 -	102 4 17 73 13 116 61 10
32	WANDSWORTH -	Battersea - - - Camberwell Workhouse - Rotherhithe - - - Rotherhithe Workhouse - Dreadnought Hospital Do. East - - - Workhouse - - -	12 5 68 4 113 29 10	5 3 3 3 32 -	17 73 13 116 61 10
33	CAMBERWELL -	Camberwell - - - Rotherhithe - - - Rotherhithe Workhouse - Dreadnought Hospital Do. East - - - Workhouse - - -	68 4 113 29 10	5 3 3 32 -	73 13 116 61 10
34	ROTHERHITHE -	Rotherhithe - - - Rotherhithe Workhouse - Dreadnought Hospital Do. East - - - Workhouse - - -	4 113 29 10	9 3 32 -	13 116 61 10
35	GREENWICH -	Greenwich, West - Do. East - - - Workhouse - - -	113 29 10	3 32 -	116 61 10
36	LEWISHAM - - -	Lewisham Village - Workhouse - - -	10 -	- -	10
			607	162	769
DISTRICTS NORTH OF THE THAMES -			1,140	280	1,420
DISTRICTS SOUTH OF THE THAMES -			607	162	769
TOTAL DISTRICTS -			1,747	442	2,189

\* This Workhouse belongs to the District of Westminster.

## SECOND SERIES—continued.

TABLE VI.—MORTALITY from CHOLERA and DIARRHOEA, 1853-54, in the SUB-DISTRICTS of LONDON. (Certain Corrections are introduced for DEATHS in HOSPITALS and WORKHOUSES.)

No. of Sub-district.	District and Sub-district.	Deaths from Cholera and Diarrhoea to 10,000 persons living.		No. of Sub-district.	District and Sub-district.	Deaths from Cholera and Diarrhoea to 10,000 persons living.	
		Cholera.	Diarrhoea.			Cholera.	Diarrhoea.
<b>1. KENSINGTON.</b>							
	St. Mary, Paddington - - -	2	20	1	Islington, West - - -	13	22
2	St. John, Paddington - - -	26	15	2	Islington, East - - -	9	21
3	Kensington Town - - -	49	27	<b>11. HACKNEY.</b>			
4	Brompton - - -	34	17	1	Stoke Newington - - -	11	12
5	St. Peter, Hammersmith - - -	83	12	2	Stamford Hill - - -	17	25
6	St. Paul, Hammersmith - - -	80	20	3	West Hackney - - -	13	15
7	Fulham - - -	59	25	4	Hackney - - -	19	19
<b>2. CHELSEA.</b>							
1	Chelsea, South - - -	76	24	5	South Hackney - - -	12	31
2	Chelsea, North-west - - -	38	24	<b>12. ST. GILES.</b>			
3	Chelsea, North-east - - -	43	27	1	St. George, Bloomsbury - - -	12	19
<b>3. ST. GEORGE, HANOVER SQUARE.</b>							
1	Hanover Square - - -	12	13	2	St. Giles, South - - -	22	31
2	May Fair - - -	12	10	3	St. Giles, North - - -	34	27
3	Belgrave - - -	49	21	<b>13. STRAND.</b>			
<b>4. WESTMINSTER.</b>							
1	St. John - - -	63	28	1	St. Anne, Soho - - -	40	19
2	St. Margaret - - -	54	33	2	St. Mary-le-Strand - - -	12	19
<b>5. ST. MARTIN-IN-THE-FIELDS.</b>							
1	Charing Cross - - -	26	13	3	St. Clement Danes - - -	12	24
2	Long Acre - - -	16	22	<b>14. HOLBORN.</b>			
<b>6. ST. JAMES, WESTMINSTER.</b>							
1	Berwick Street - - -	211	16	1	St. George the Martyr - - -	4	16
2	St. James's Square - - -	20	5	2	St. Andrew, Eastern - - -	9	33
3	Golden Square - - -	197	14	3	Saffron Hill - - -	6	11
<b>7. MARYLEBONE.</b>							
1	All Souls - - -	13	16	<b>15. CLERKENWELL.</b>			
2	Cavendish Square - - -	10	10	1	St. James - - -	12	24
3	Rectory - - -	25	23	2	Amwell - - -	11	17
4	St. Mary - - -	25	20	3	Pentonville - - -	9	13
5	Christchurch - - -	18	27	4	Goswell Street - - -	9	14
6	St. John - - -	13	22	<b>16. ST. LUKE.</b>			
<b>8. HAMPSTEAD.</b>							
1	Hampstead - - -	13	11	1	Old Street - - -	9	17
<b>9. PANCRAS.</b>							
1	Regents Park - - -	10	15	2	City Road - - -	8	22
2	Tottenham Court - - -	17	22	3	Whitecross Street - - -	16	49
3	Grays Inn Lane - - -	6	15	4	Finsbury - - -	10	27
4	Somers Town - - -	11	14	<b>17. EAST LONDON (CITY).</b>			
5	Camden Town - - -	7	30	1	St. Botolph - - -	19	29
6	Kentish Town - - -	9	18	2	Cripplegate - - -	23	23
<b>10. ISLINGTON.</b>							
<b>18. WEST LONDON (CITY).</b>							
<b>19. LONDON CITY.</b>							
1	London City, South-west - - -	18	10	1	West London, North - - -	5	29
2	London City, North-west - - -	7	8	2	West London, South - - -	12	9
3	London City, South - - -	18	9				
4	London City, South-east - - -	24	10				
5	London City, North-east - - -	8	16				

## SECOND SERIES—continued.

TABLE VI.—Mortality from Cholera and Diarrhoea, 1853-4, in the Sub-Districts of London, &amp;c.—continued.

No. of Sub-district.	District and Sub-district.	Deaths from Cholera and Diarrhoea to 10,000 persons living.		No. of Sub-district.	District and Sub-district.	Deaths from Cholera and Diarrhoea to 10,000 persons living.	
		Cholera.	Diarrhoea.			Cholera.	Diarrhoea.
<b>20. SHOREDITCH.</b>							
1	Holywell - - -	41	25	<b>29. ST. GEORGE, SOUTH-WARK.</b>			
2	St. Leonard - - -	57	29	1	Kent Road - - -	142	37
3	Hoxton New Town - - -	8	22	2	Borough Road - - -	167	47
4	Hoxton Old Town - - -	14	30	3	London Road - - -	71	21
5	Haggerstone, West - - -	12	25	<b>30. NEWINGTON.</b>			
6	Haggerstone, East - - -	15	16	1	Trinity, Newington - - -	115	32
<b>21. BETHNAL GREEN.</b>							
1	Hackney Road - - -	27	18	2	St. Peter, Walworth - - -	136	34
2	Green - - -	27	30	3	St. Mary - - -	74	11
3	Church - - -	16	18	<b>31. LAMBETH.</b>			
4	Town - - -	24	23	1	Waterloo Road, 1st - - -	49	23
<b>22. WHITECHAPEL.</b>							
1	Artillery - - -	46	22	2	Waterloo Road, 2d - - -	78	36
2	Spitalfields - - -	40	26	3	Lambeth Church, 1st - - -	39	32
3	Mile End New Town - - -	50	32	4	Lambeth Church, 2d - - -	63	46
4	Whitechapel, North - - -	25	28	5	Kennington, 1st - - -	135	37
5	Whitechapel Church - - -	21	16	6	Kennington, 2d - - -	81	16
6	Goodmans Fields - - -	38	29	7	Brixton - - -	39	15
7	Aldgate - - -	107	34	8	Norwood - - -	27	32
<b>23. ST. GEORGE-IN-THE-EAST.</b>							
1	St. Mary - - -	34	29	<b>32. WANDSWORTH.</b>			
2	St. Paul - - -	41	20	1	Clapham - - -	109	21
3	St. John - - -	33	53	2	Battersea - - -	152	49
<b>24. STEPNEY.</b>							
1	Shadwell - - -	69	37	3	Wandsworth - - -	70	34
2	Ratcliff - - -	64	28	4	Putney - - -	18	11
3	Mile End Old Town, Upper - - -	16	22	5	Streatham - - -	19	15
4	Mile End Old Town, Lower - - -	26	33	<b>33. CAMBERWELL.</b>			
5	Limehouse - - -	50	19	1	Dulwich - - -	-	6
<b>25. POPLAR.</b>							
1	Bow - - -	44	26	2	Camberwell - - -	120	37
2	Poplar - - -	42	25	3	Peckham - - -	101	26
<b>26. ST. SAVIOUR, SOUTH-WARK.</b>							
1	Christchurch - - -	75	29	4	St. George - - -	94	28
2	St. Saviour - - -	208	73	<b>34. ROTHERHITHE.</b>			
<b>27. ST. OLAVE, SOUTHWARK.</b>							
1	St. Olave - - -	163	26	1	Rotherhithe - - -	171	54
2	St. John, Horsleydown - - -	140	14	<b>35. GREENWICH.</b>			
<b>28. BERMONDSEY.</b>							
1	St. James - - -	201	29	1	St. Paul, Deptford - - -	45	24
2	St. Mary Magdalen - - -	169	47	2	St. Nicholas, Deptford - - -	206	46
3	Leather Market - - -	170	44	3	Greenwich, West - - -	35	26
<b>29. ST. GEORGE, SOUTH-WARK.</b>							
1	Kent Road - - -	142	37	4	Greenwich, East - - -	62	54
2	Borough Road - - -	167	47	5	Woolwich Dockyard - - -	12	16
3	London Road - - -	71	21	6	Woolwich Arsenal - - -	43	20
<b>30. NEWINGTON.</b>							
1	Trinity, Newington - - -	115	32	<b>36. LEWISHAM.</b>			
2	St. Peter, Walworth - - -	136	34	1	Plumstead - - -	16	22
3	St. Mary - - -	74	11	2	Eltham - - -	12	8
<b>31. LAMBETH.</b>							
1	Waterloo Road, 1st - - -	49	23	3	Lee - - -	21	18
2	Waterloo Road, 2d - - -	78	36	4	Lewisham Village - - -	41	28
3	Lambeth Church, 1st - - -	39	32	5	Sydenham - - -	29	13
4	Lambeth Church, 2d - - -	63	46				
5	Kennington, 1st - - -	135	37				
6	Kennington, 2d - - -	81	16				
7	Brixton - - -	39	15				
8	Norwood - - -	27	32				

The 800 deaths from cholera in hospitals have been distributed over all the sub-districts, and where many deaths from cholera occurred in workhouses, a proportion has been distributed over the other sub-districts of the union in which the workhouse is situated; the population used for this calculation has been corrected to the middle (1st July) of 1854.

SECOND SERIES—continued.

TABLE VII.—Showing the AGES of those who DIED from DIARRHOEA in the NORTH and SOUTH DISTRICTS of the METROPOLIS, distinguishing Males and Females, from 1st July 1853 to 31st December 1854.

Age.	North Districts.			South Districts.			North and South Districts.			Age.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
0—	1,071	900	1,971	427	356	783	1,498	1,256	2,754	0—
1—	303	303	606	181	175	356	484	478	962	1—
2—	113	84	197	73	59	132	186	143	329	2—
3—	38	34	72	27	26	53	65	60	125	3—
4—	29	26	55	13	12	25	42	38	80	4—
5—	56	65	121	37	22	59	93	87	180	5—
10—	20	19	39	12	10	22	32	29	61	10—
15—	18	27	45	11	11	22	29	33	67	15—
20—	18	29	47	7	22	29	25	51	76	20—
25—	19	37	56	11	23	34	30	60	90	25—
30—	24	30	54	24	21	45	48	51	99	30—
35—	23	37	60	16	23	39	39	60	99	35—
40—	28	32	60	7	20	27	35	52	87	40—
45—	26	22	48	11	27	38	37	49	86	45—
50—	43	40	83	17	22	39	60	62	122	50—
55—	25	47	72	20	23	43	45	70	115	55—
60—	49	61	110	41	36	77	90	97	187	60—
65—	52	60	112	30	34	64	82	94	176	65—
70—	58	72	130	39	48	87	97	120	217	70—
75—	42	76	118	34	29	63	76	105	181	75—
80—	20	36	56	16	26	42	36	62	98	80—
85—	8	21	29	7	12	19	15	33	48	85—
90—	—	5	5	3	4	7	3	9	12	90—
95—	1	1	2	—	3	3	1	4	5	95—
?	—	2	2	—	—	—	—	2	2	?
Total -	2,084	2,066	4,150	1,064	1,044	2,108	3,148	3,110	6,258	

TABLE VIII.—Showing the AGES of those who DIED in LONDON from CHOLERA in the DISTRICTS NORTH and SOUTH of the THAMES, separately and collectively, between the 1st July 1853 and the 31st December 1854.

Age.	Districts North of the Thames.			Districts South of the Thames.			North and South Districts.			Age.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
0—	103	104	207	87	53	140	190	157	347	0—
1—	106	85	191	159	102	321	265	247	512	1—
2—	107	102	209	159	143	302	266	245	511	2—
3—	101	80	181	126	115	241	227	105	422	3—
4—	87	53	140	115	90	205	202	143	345	4—
5—	265	223	488	292	271	563	557	494	1,051	5—
10—	136	98	234	114	104	218	250	202	452	10—
15—	95	92	187	112	123	235	207	215	422	15—
20—	160	142	302	159	203	362	319	345	664	20—
25—	180	162	342	200	223	423	380	385	765	25—
30—	194	215	409	195	266	461	389	481	870	30—
35—	214	219	433	225	276	501	439	495	934	35—
40—	199	241	440	178	239	417	377	480	857	40—
45—	183	176	359	176	188	364	359	364	723	45—
50—	160	192	352	133	167	300	293	359	652	50—
55—	129	131	260	123	169	292	252	300	552	55—
60—	104	167	271	132	177	309	236	344	580	60—
65—	81	108	189	89	129	218	170	237	407	65—
70—	50	78	128	52	99	151	102	177	279	70—
75—	22	47	69	45	74	119	67	121	188	75—
80—	13	19	32	18	29	47	31	48	79	80—
85—	1	8	9	4	15	19	5	23	28	85—
90—	—	1	1	—	3	3	—	4	4	90—
95—	—	2	2	—	—	—	—	2	2	95—
?	1	4	5	10	—	10	11	4	15	?
Total -	2,691	2,749	5,440	2,903	3,318	6,221	5,594	6,067	11,661	

SECOND SERIES—continued.

TABLE IX.—Showing the DEATHS from CHOLERA and DIARRHOEA in LONDON at Twelve different AGES, in the Years 1849 and 1853½-54; also the Enumerated Population of 1841 and 1851.

Ages.	Deaths by Cholera.			Deaths by Diarrhoea.			Population.	
	1849.	1853½-54.	Mean.	Total.	1849.	1853½-54.	1841.	1851.
All Ages	14,137	11,661	12,899	10,157	3,899	6,258	1,948,417	2,362,236
0—	1,969	2,142	2,056	6,765	2,515	4,251	231,018	293,562
5—	1,298	1,056	1,177	300	120	181	194,199	243,648
10—	679	452	565	100	39	61	178,023	216,369
15—	1,334	1,086	1,210	208	65	143	393,528	455,095
25—	2,036	1,637	1,837	277	88	189	366,416	428,123
35—	2,108	1,793	1,950	328	142	186	256,886	308,949
45—	1,861	1,376	1,619	343	135	208	166,641	208,363
55—	1,475	1,132	1,303	525	222	302	94,830	122,946
65—	974	686	830	705	311	393	48,939	62,608
75—	368	267	318	493	214	279	15,574	19,845
85—	35	32	33	106	46	60	2,218	2,578
95 & upwards	—	2	1	7	2	5	145	150

## SECOND SERIES—continued.

TABLE X.—Showing the MEAN RATE of MORTALITY at Twelve different AGES from CHOLERA and DIARRHŒA in London in the Two Epidemics of 1849 and 1853-54.

Age.	Mean of the Deaths, in each Epidemic, to 10,000 Persons, living at each Age from	
	CHOLERA.	DIARRHŒA.
	Mean of 1849 and 1853-54.	Mean of 1849 and 1853-54.
All Ages	53·7	21·1
0—	68·8	113·3
5—	47·5	6·1
10—	25·7	2·3
15—	26·1	2·2
25—	42·2	3·2
35—	62·1	5·2
45—	76·4	8·1
55—	104·2	21·0
65—	130·3	55·3
75—	157·3	122·1
85—	127·7	202·1
95 & upwards	65·5	229·4

The Table may be read thus:—To 10,000 Persons living at the Age 25 and under 35, 42 died of Cholera and 3 in 10,000 of Diarrhœa, on an average in each epidemic; and the mortality in the two epidemics was at the rate of 84·4 by Cholera, and 6·4 by Diarrhœa in 10,000 of the population living at that age.

## THIRD SERIES.

TABLE I.—MORTALITY from CHOLERA in the 36 Districts of LONDON during the Two Epidemics of 1849 and 1853½-1854; with the Elevation, Density, and other Conditions of the Population.

Company by which Water is chiefly supplied.	DISTRICTS.	Annual Value of Houses.	Mean Elevation in Feet (above Trinity High-water Mark,)*	Area in Acres.	Population, 1851.	Density (1851).		Mortality from Cholera to every 10,000 Inhabitants.		Mortality from Diarrhœa to every 10,000 Inhabitants.	
						Persons to an Acre.	In the Year 1849.	In the Years 1853½ to end of 1854.	In the Year 1849.	In the Years 1853½ to end of 1854.	
	LONDON . . . . .	£ 40	39	78,029	2,362,236	30	62	46	17	25	
J. W.	Kensington HL . . . . .	43	40	7,374 w	120,004	16	24	38	13	20	
C.	Chelsea WH . . . . .	29	12	865 w	56,533	65	46	51	17	25	
J. C.	St. George, Hanover Sq. H . . . . .	110	34	1,161 w	73,230	63	18	33	10	17	
C.	Westminster HHPP . . . . .	36	3	917 w	65,609	72	68	57	17	30	
N.	St. Martin in the Fields. H . . . . .	119	38	305 w	24,640	81	37	20	11	17	
J. N.	St. James, Westminster . . . . .	128	58	164	36,406	222	16	142	11	12	
W.	Marylebone H . . . . .	71	87	1,509	157,696	105	17	17	15	21	
N. W.	Hampstead . . . . .	40	350	2,252	11,986	5	8	12	10	11	
N. H. W.	Pancras WHH . . . . .	41	73	2,716	166,956	61	22	10	14	19	
N.	Islington HHPP . . . . .	35	94	3,127	95,329	30	22	11	13	22	
N. E.	Hackney H . . . . .	25	53	3,929	58,429	15	25	15	17	20	
N.	St. Giles . . . . .	60	68	245	54,214	221	53	22	14	26	
N.	Strand H . . . . .	66	50	174 w	44,460	256	35	22	14	21	
N.	Holborn . . . . .	52	53	196	46,621	238	35	6	12	20	
N.	Clerkenwell PP . . . . .	33	65	380	64,778	170	19	10	14	19	
N. E.	St. Luke L . . . . .	28	51	220	54,055	246	34	10	18	29	
N. E.	East London P . . . . .	38	40	153	44,406	290	45	†23	13	26	
N.	West London WHPPP† . . . . .	65	29	136 w	23,790	212	96	†10	22	18	
N.	City of London . . . . .	117	31	434 w	55,932	129	38	†14	8	11	
N. E.	Shoreditch WL . . . . .	20	48	646	109,257	169	76	23	18	25	
E.	Bethnal Green L . . . . .	9	38	760	90,193	119	90	23	24	23	
E.	Whitechapel H . . . . .	26	32	406 w	79,759	196	64	45	20	27	
E.	St. George in the East . . . . .	32	21	243	48,376	199	42	36	15	31	
E.	Stepney H . . . . .	20	21	1,257 w	110,775	88	47	38	17	27	
E.	Poplar WL . . . . .	44	8	2,918 w	47,162	16	71	42	17	25	
S. L.	St. Saviour, Southwk. HH . . . . .	36	3	250 w	35,731	143	153	142	32	53	
S. L.	St. Olave, Southwk. HH . . . . .	35	4	169 w	19,375	115	181	140	25	19	
S.	Bermondsey . . . . .	18	0	688 w	48,128	70	161	179	33	39	
S. L.	St. George, Southwk. LLP . . . . .	22	0	282	51,824	184	164	121	25	34	
L. S.	Newington P . . . . .	22	-1	624	64,816	104	144	112	21	29	
L. S.	Lambeth . . . . .	28	3	4,015 w	139,325	35	120	70	20	31	
S.	Wandsworth L . . . . .	29	24	11,695 w	50,764	4	100†	85	15	28	
S. L.	Camberwell LL . . . . .	25	4	4,342	54,667	13	97	99	17	30	
S. K.	Rotherhithe . . . . .	23	0	886 w	17,805	21	205	165	26	54	
K.	Greenwich HHHP . . . . .	22	8	5,367 w	99,365	19	75	49	21	29	
K. L.	Lewisham W . . . . .	27	28	17,224 w	34,835	2	30	22	17	20	

\* The Elevation of the Districts has been deduced for these new Tables by multiplying the "numbers of the population" returned at the Census of 1851 into the "elevation" of each Sub-District, and dividing the sum of these by the population of the District. Thus the mean elevation of the ground on which the population resides is found with tolerable accuracy. The elevation for the Districts of Lambeth, Greenwich, and Lewisham is taken from a Return furnished by Colonel Dawson.

† The three districts of the City of London, the East London, and the West London, including St. Bartholomew's Hospital, comprise the City of London, within and without the walls. Mr. Simon, the health officer of the City, has ascertained that the deaths from cholera properly belonging to these districts were 213, 197, 278 in 1849, and 79, 104, and 29 in 1854; his numbers have been adopted in the calculations. A similar correction is required of the mortality of St. Olave's district, where many persons from other districts died of cholera in St. Thomas's Hospital.

‡ Excluding the deaths which occurred in Drouet's Asylum for Infant Paupers, the mortality of the Wandsworth District was at the rate of 72 deaths to 10,000 persons living.

\* \* \* The areas marked thus (w) include portions of the River Thames.

The several Water Companies are designated by letters:—thus, the New River Company by N; the Grand Junction by J; Chelsea by C; West Middlesex by W; East London by E; Hampstead by H; Southwark by S; Lambeth by L; and Kent by K.

THIRD SERIES—continued.

TABLE II.—MEAN ELEVATION and MEAN MORTALITY by CHOLERA and DIARRHOEA in LONDON DISTRICTS of different Degrees of DENSITY.

Density.	Mean Elevation in Feet.	Mean Mortality to 10,000 Persons.	
		Cholera.	Diarrhoea.
Persons to an Acre.			
1 — 10	66	37	21
10 — 30	30	50	26
30 — 50	15	71	23
50 — 100	33	53	25
100 — 150	22	64	28
150 — 200	40	42	21
200 — 250	42	34	23
250 — 300	44	27	25
300 — 400	57	28	24
400 and ups.*	56	80	33

The Table may be read thus :— In districts containing 50 and under 100 persons to an acre, the mean elevation is 33 feet, and the mean mortality by Cholera was 53 in 10,000; by Diarrhoea 25 in 10,000 in London in the one and a half years 1853½-1854.

\* Including the sub-districts of Whitecross Street, St. Andrew Eastern, and Berwick Street, St. James's, to the latter of which exclusively the high mortality is due.

THIRD SERIES—continued.

TABLE III.—Of the SUB-DISTRICTS of LONDON arranged according to the DENSITY of the POPULATION, with the MEAN ELEVATION above TRINITY HIGH-WATER MARK, and MORTALITY from CHOLERA in the 1½ years 1853½-1854.

SUB-DISTRICTS.	DISTRICTS.	Density. Persons to an Acre.	Elevation in Feet.	Mortality by Cholera and Diarrhoea in the 1½ years 1853½-1854 to 10,000 persons living.	
				Cholera.	Diarrhoea.
Dulwich L	Camberwell	1	68	-	6
Eltham	Lewisham	1	?	12	8
Putney	Wandsworth	2	12	18	11
Sydenham	Lewisham	2	188?	29	13
Lewisham Village W	Lewisham	2	16	41	23
Plumstead	Lewisham	3	?	16	22
Streatham L	Wandsworth	3	72	19	15
Lee	Lewisham	4	42	21	13
Norwood W L	Lambeth	4	128?	27	32
Wandsworth P	Wandsworth	4	12	70	34
Hampstead W	Hampstead	5	350	13	11
Battersea W	Wandsworth	5	3	152	49
Hammersmith, St. Paul	Kensington	6	8	80	20
Fulham W L	Kensington	6	6	59	25
Stoke Newington	Hackney	8	72	11	12
Stamford Hill	Hackney	9	76	17	25
Brixton	Lambeth	10	56	39	15
Greenwich, East W	Greenwich	10	7	62	54
Hackney W	Hackney	12	44	19	19
Clapham	Wandsworth	13	21	109	21
Bow W	Poplar	13	15	44	26
Camberwell W	Camberwell	13	5	120	37
Kentish Town	Paneras	14	110	9	18
Woolwich Arsenal P	Greenwich	14	?	43	20
St. Paul, Deptford	Greenwich	15	10	45	24
Peckham	Camberwell	17	4	101	26
South Hackney	Hackney	18	44	12	31
Poplar W	Poplar	19	3	42	25
Rotherhithe W	Rotherhithe	20	0	171	54
Paddington, St. Mary W	Kensington	21	82	2	20
Brompton H	Kensington	21	12	34	17
Hammersmith, St. Peter	Kensington	22	4	83	12
Kensington Town W L	Kensington	23	28	49	27
Islington East	Islington	25	88	9	21
LONDON	LONDON	30	39	46	25
Woolwich Dockyard	Greenwich	35	?	12	16
Kennington, 2d part	Lambeth	37	8	81	16
St. George	Camberwell	37	-3	94	28
Islington West W H H P	Islington	39	100	13	22
West Hackney	Hackney	40	55	13	15
St. James	Bermondsey	42	-1	201	29
Hanover Square	St. George, Hanover Square	45	64	12	13
St. Nicholas, Deptford	Greenwich	47	4	206	46
Charing Cross W H	St. Martin-in-the-Fields	48	17	26	13
St. Margaret W H P	Westminster	48	4	54	33
Chelsea, South	Chelsea	52	10	76	24
Kennington, 1st part	Lambeth	53	4	135	37
St. John	Marylebone	55	124	13	22
Mile End Old Town, Lower W	Stepney	55	28	26	33
Greenwich, West P	Greenwich	58	12	35	26
Green W	Bethnal Green	60	36	27	30
Paddington, St. John H	Kensington	65	76	26	15
Christchurch	Marylebone	65	92	18	27
Belgrave H	St. George, Hanover Square	69	12	49	21
Chelsea, North-east L	Chelsea	70	13	43	27
Regent's Park	Paneras	75	87	10	15
Chelsea, North-west W	Chelsea	83	12	38	24
Limehouse W	Stepney	86	10	50	19
St. Mary	Newington	87	-1	74	11
Pentonville	Clerkenwell	89	84	9	18
Lambeth Church, 1st part	Lambeth	89	2	39	32
Shadwell W	Stepney	90	7	69	37
Haggerstone, East	Shoreditch	91	52	15	16
St. Peter, Walworth W	Newington	93	-2	136	34
May Fair W	St. George, Hanover Square	95	56	12	10
St. Mary Magdalen W	Bermondsey	98	0	169	47
Aldgate	Whitechapel	99	19	107	34

## THIRD SERIES—continued.

TABLE III.—Of the Sub-Districts of London, &amp;c.—continued.

SUB-DISTRICTS.	DISTRICTS.	Density. Persons to an Acre.	Elevation in Feet.	Mortality by Cholera and Diarrhoea in the 1½ Years 1853½-1854 to 10,000 persons living.	
				Cholera.	Diarrhoea.
				City of London, South-east	City of London
St. John W	St. George-in-the-East	103	2	33	53
St. Olave H	St. Olave, Southwark	107	6	163	26
City of London, South	City of London	115	21	18	9
Ratcliff W	Stepney	115	18	64	28
St. John, Horsleydown W	St. Olave, Southwark	121	2	140	14
Camden Town W	Pancras	123	62	7	30
St. Saviour H	St. Saviour, Southwark	127	4	208	73
Waterloo Road, 2d part	Lambeth	129	2	78	36
Cavendish Square	Marylebone	130	73	10	10
St. John HP	Westminster	132	2	63	28
City of London, South-west	City of London	137	21	18	10
St. George, Bloomsbury	St. Giles	138	71	12	19
City of London, North-east	City of London	139	44	8	16
Lambeth Church, 2d part W	Lambeth	144	1	63	46
Trinity P	Newington	147	-1	115	32
Hoxton Old Town	Shoreditch	150	52	14	30
Haggerstone, West W	Shoreditch	154	52	12	25
Mile End Old Town, Upper	Stepney	155	32	16	22
Waterloo Road, 1st part	Lambeth	155	3	49	23
London Road	St. George, Southwark	159	0	71	21
City of London, North-west	City of London	165	44	7	8
Church	Bethnal Green	165	36	16	18
Golden Square W	St. James, Westminster	166	68	197	14
Leather Market	Bermondsey	166	0	179	44
Whitechapel Church H	Whitechapel	166	32	21	16
Christchurch W	St. Saviour, Southwark	169	2	75	29
Hackney Road	Bethnal Green	170	44	27	18
Gray's Inn Lane H	Pancras	171	52	6	15
St. Mary-le-Strand	Strand	173	48	12	19
Kent Road	St. George, Southwark	173	-1	142	37
Goswell Street	Clerkenwell	174	78	9	14
West London, South	West London	178	24	12	9
Hoxton New Town w	Shoreditch	181	52	8	22
St. George-the-Martyr	Holborn	183	66	4	16
Amwell P	Clerkenwell	192	68	11	17
Somer's Town	Pancras	194	60	11	14
Tottenham Court wH	Pancras	196	73	17	22
Old Street	St. Luke	204	60	9	17
St. Mary	Marylebone	211	79	25	20
St. James's Square	St. James, Westminster	212	40	20	5
Whitechapel, North W	Whitechapel	216	36	25	28
Town	Bethnal Green	218	36	24	23
City Road	St. Luke	219	52	8	22
Finsbury	St. Luke	223	43	10	27
Mile End New Town W	Whitechapel	227	36	50	32
Saffron Hill	Holborn	231	40	6	11
Goodman's Fields	Whitechapel	237	28	38	20
Rectory W	Marylebone	238	68	25	23
St. Paul	St. George-in-the-East	242	26	41	20
Borough Road WHP	St. George, Southwark	244	2	167	47
Holywell	Shoreditch	254	36	41	25
All Souls H	Marylebone	258	76	13	16
St. Leonard	Shoreditch	259	41	57	29
Artillery	Whitechapel	271	36	46	22
West London, North WwHP	West London	275	36	5	29
St. Botolph W	East London	280	36	19	29
Long Acre	St. Martin-in-the-Fields	287	60	16	22
St. Clement Danes H	Strand	287	36	12	24
Spitalfields	Whitechapel	289	36	40	26
St. Giles, North	St. Giles	291	70	34	27
St. Mary	St. George-in-the-East	291	26	34	20
St. James W	Clerkenwell	291	44	12	24
Cripplegate P	East London	303	44	23	23
St. Giles, South W	St. Giles	317	64	22	31
St. Anne, Soho	Strand	327	64	40	19
Whitecross Street	St. Luke	414	52	16	49
St. Andrew, Eastern W	Holborn	423	50	9	33
Berwick Street	St. James, Westminster	432	65	211	16

NOTE.—The letters placed against the names of the sub-districts denote public institutions within their limits; namely, H, for hospital; L, lunatic asylum; P, prison; W, workhouse.

## THIRD SERIES—continued.

TABLE IV.—Of MORTALITY from CHOLERA in the 1½ years 1853½-1854, and the Number of PERSONS to an ACRE, in the SUB-DISTRICTS of LONDON, arranged in the order of the ELEVATION of the GROUND above Trinity High-water Mark.

SUB-DISTRICTS.	Elevation in Feet above Trinity High-water Mark.	Density. Persons to an Acre.	Mortality by Cholera and Diarrhoea in the 1½ Years 1853½-1854 to 10,000 persons living.	
			Cholera.	Diarrhoea.
			Hampstead W	350
Sydenham	188?	2	29	13
Norwood W (L)	128?	4	27	32
St. John [Marylebone]	124	55	13	22
Kentish Town	110	14	9	18
Islington West WHHP	100	39	13	22
Christchurch [Marylebone]	92	65	18	27
Islington, East	88	25	9	21
Regent's Park [Pancras]	87	75	10	15
Pentonville	84	89	9	18
Paddington, St. Mary W	82	21	2	20
St. Mary [Marylebone]	79	211	25	20
Goswell Street [Clerkenwell]	78	174	9	14
Stamford Hill [Hackney]	76	9	17	25
Paddington, St. John H	76	65	26	15
All Souls [Marylebone] H	76	258	13	16
Cavendish Square	73	130	10	10
Tottenham Court [Pancras] wH	73	196	17	22
Stoke Newington	72	8	11	12
Streatham (L)	72	3	19	15
St. George, Bloomsbury	71	138	12	19
St. Giles, North	70	291	34	27
Dulwich (L)	68	1	—	6
Amwell [Clerkenwell] P	68	192	11	17
Golden Square [St. James, Westminster] W.	68	166	197	14
Rectory [Marylebone] W	68	238	25	23
St. George-the-Martyr [Holborn]	66	183	4	16
Berwick Street [St. James, Westminster].	65	432=	211	16
Hanover Square	64	45	12	13
St. Anne, Soho	64	327	40	19
St. Giles, South W	64	317	22	31
Camden Town W	62	123	7	30
Somer's Town	60	194	11	14
Old Street [St. Luke]	60	204	9	17
Long Acre	60	287	16	22
May Fair W	56	95	12	10
Brixton	56	10	39	15
West Hackney	55	40	13	15
Hoxton Old Town	52	150	14	30
Haggerstone, East	52	91	15	16
City Road [St. Luke]	52	219	8	22
Gray's Inn Lane [Pancras] H	52	171	6	15
Whitecross Street [St. Luke]	52	414	16	49
Hoxton New Town w	52	181	8	22
Haggerstone, West W	52	154	12	25
St. Andrew, Eastern [Holborn] W	50	423	9	33
St. Mary-le-Strand	48	173	12	19
City of London, North-west	44	165	7	8
South Hackney	44	18	12	31

## THIRD SERIES—continued.

TABLE IV.—Of Mortality from Cholera, &amp;c.—continued.

SUB-DISTRICTS.	Elevation in Feet above Trinity High- water Mark.	Density. Persons to an Acre.	Mortality by Cholera and Diarrhoea in the 1½ Years 1853½-1854 to 10,000 persons living.	
			Cholera.	Diarrhoea.
St. James, [Clerkenwell] W - -	44	291	12	24
City of London, North-east - -	44	139	8	16
Hackney W - - - - -	44	12	19	19
Cripplegate [East London] P - -	44	303	23	23
Hackney Road [Bethnal Green] - -	44	170	27	18
Finsbury - - - - -	43	223	10	27
Lee - - - - -	42	4	21	18
St. Leonard [Shoreditch] - - -	41	259	57	29
St. James's Square [St. James, West- minster]. - - - - -	40	212	20	5
Saffron Hill [Holborn] - - - -	40	231	6	11
LONDON - - - - -	39	30	46	25
Artillery [Whitechapel] - - - -	36	271	46	22
Church [Bethnal Green] - - - -	36	165	16	18
St. Botolph [East London] W - -	36	280	19	29
St. Clement Danes H - - - - -	36	287	12	24
Mile End New Town W - - - - -	36	227	50	32
Spitalfields - - - - -	36	289	40	26
West London, North WwHP - - -	36	275	5	29
Whitechapel, North W - - - - -	36	216	25	28
Green [Bethnal Green] W - - - -	36	60	27	30
Town [Bethnal Green] - - - - -	36	218	24	23
Holywell [Shoreditch] - - - -	36	254	41	25
Mile End Old Town, Upper - - -	32	155	16	22
Whitechapel Church H - - - - -	32	166	21	16
Goodman's Fields - - - - -	28	237	38	29
Mile End Old Town, Lower W - -	28	55	26	33
Kensington Town WL - - - - -	28	23	49	27
St. Mary [St. George in the East] -	26	291	34	29
St. Paul [St. George in the East] -	26	242	41	20
West London, South - - - - -	24	178	12	9
City of London, South-west - - -	21	137	18	10
City of London, South - - - - -	21	115	18	9
City of London, South-east - - -	21	103	24	10
Clapham - - - - -	21	13	109	21
Aldgate - - - - -	19	99	107	34
Ratcliff W - - - - -	18	115	64	28
Charing Cross WH - - - - -	17	48	26	13
Lewisham Village Ww - - - - -	16	2	41	28
Bow w - - - - -	15	13	44	26
Chelsea, North-east L - - - - -	13	70	43	27
Chelsea, North-west Ww - - - -	12	83	38	24
Belgrave [St. George, Han. Square.] H -	12	69	49	21
Greenwich, West P - - - - -	12	58	35	26
Brompton H - - - - -	12	21	34	17
Wandsworth P - - - - -	12	4	70	34
Putney - - - - -	12	2	18	11
Chelsea, South - - - - -	10	52	76	24
St. Paul, Deptford - - - - -	10	15	45	24
Limchouse W - - - - -	10	86	50	19
Hammersmith, St. Paul - - - - -	8	6	80	20
Kennington, 2d - - - - -	8	37	81	16
Shadwell W - - - - -	7	90	69	37

## THIRD SERIES—continued.

TABLE IV.—Of Mortality from Cholera, &amp;c.—continued.

SUB-DISTRICTS.	Elevation in Feet above Trinity High- water Mark.	Density. Persons to an Acre.	Mortality by Cholera and Diarrhoea in the 1½ Years 1853½-1854 to 10,000 persons living.	
			Cholera.	Diarrhoea.
Greenwich, East W - - - - -	7	10	62	54
Fulham w L - - - - -	6	6	59	25
St. Olave, Southwark H - - - -	6	107	163	26
Camberwell W - - - - -	5	13	120	37
Hammersmith, St. Peter - - - -	4	22	83	12
Peckham - - - - -	4	17	101	26
St. Nicholas, Deptford - - - -	4	47	206	46
St. Margaret, Westminster WHP -	4	48	54	33
Kennington, 1st - - - - -	4	53	135	37
St. Saviour, Southwark H - - -	4	127	208	73
Battersea W - - - - -	3	5	152	49
Poplar W - - - - -	3	19	42	25
Waterloo Road, 1st - - - - -	3	155	49	23
St. John [St. George-in-the-East] W -	2	103	33	53
St. John [Westminster] HP - - -	2	132	63	28
Lambeth Church, 1st - - - - -	2	89	39	32
Waterloo Road, 2d - - - - -	2	129	78	36
Christchurch [Southwark] W - -	2	169	75	29
St. John, Horsleydown W - - - -	2	121	140	14
Borough Road WP - - - - -	2	244	167	47
Lambeth Church, 2d W - - - - -	1	114	63	46
London Road [St. George, Southwark] -	0	159	71	21
Rotherhithe W - - - - -	0	20	171	54
Leather Market [Bermondsey] - - -	0	166	179	44
St. Mary Magdalen [Bermondsey] W -	0	98	169	47
St. Mary [Newington] - - - - -	-1	87	74	11
St. James [Bermondsey] - - - - -	-1	42	201	29
Trinity [Newington] P - - - - -	-1	147	115	32
Kent Road - - - - -	-1	173	142	37
St. Peter, Walworth W - - - - -	-2	93	136	34
St. George [Camberwell] - - - -	-3	37	94	28

NOTE.—The letters placed against names of sub-districts denote public institutions within their limits; W stands for workhouse; H, for hospital; L, lunatic asylum; P, prison; w indicates a workhouse not belonging to the district, though situated therein.

A minus sign (-) before the figures indicates that the level is below Trinity High-water Mark.

The elevation of Eltham, Plumstead, Woolwich Dockyard, and Woolwich Arsenal has not been determined, the mortality from Cholera in 1853½ to 1854 was respectively 12, 16, 12, and 43 to every 10,000 inhabitants, and the mortality from Diarrhoea was respectively 8, 22, 16, and 20.



THIRD SERIES—continued.

TABLE V.—Showing the MORTALITY by CHOLERA in 1849 and in the 1½ years 1853½-1854 of FOURTEEN SECTIONS of the POPULATION of LONDON living in SUB-DISTRICTS at FOURTEEN different STAGES of ELEVATION; also other CONDITIONS.

Annual Value of Houses.	Elevation in Feet above Trinity High-water Mark of the Thames.		Density. Persons to an Acre in 1851.	Annual Rate of Increase per Cent. on Population 1841-51.	Mortality by Cholera and Diarrhoea 1853½-1854.			Mortality by Cholera.	
					Deaths to 10,000 Persons.			Deaths to 10,000 Persons living.	
					Cholera.	Diarrhoea.	Cholera and Diarrhoea.	In 1849.	Mean in the two Epidemics.
£	Feet.	Feet.							
40	100 — 350		13	5.761	13	21	34	12	13
71	90 — 100		65	1.634	18	27	45	10	14
38	80 — 90		33	4.161	8	19	27	23	16
48	70 — 80		33	.883	19	18	37	25	22
70	60 — 70		79	.901	36	20	56	26	31
36	50 — 60		67	2.607	13	22	35	45	29
53	40 — 50		37	.885	20	20	40	44	32
27	30 — 40		170	1.207	25	25	50	77	51
60	20 — 30		48	1.963	40	23	63	48	44
40	10 — 20		19	2.709	50	24	74	60	55
28	Under 10, viz. :		32	1.958	104	35	139	121	113
31	5 — 10		13	2.040	85	31	116	91	88
32	3 — 5		24	2.182	103	36	139	87	95
31	1 — 3		132	1.326	78	35	113	138	108
21	-3 — 1		64	2.264	137	34	171	153	145
41	Total of London		30	1.982	46	25	71	62	54

TABLE VI.—Showing the MORTALITY by CHOLERA in 1849 and in the 1½ years 1853½-1854 of SIX PORTIONS of the POPULATION of LONDON living in SUB-DISTRICTS at Six different Elevations; and other Conditions.

No. of Sub-Districts.	Elevation above Trinity High-water Mark of the Thames.		Density. Persons to an Acre in 1851.	Annual Value of Houses.	Annual Rate of Increase per Cent. on Population 1841-51.	Mortality by Cholera and Diarrhoea 1853½-1854.			Mortality by Cholera.	
	Extreme Elevation of Sub-districts.	Mean.				Deaths to 10,000 Persons living.			Deaths to 10,000 persons living.	
						Cholera.	Diarrhoea.	Cholera and Diarrhoea.	In 1849.	Mean in the two Epidemics.
6	100 — 350	137	13	40	5.761	13	21	34	12	13
5	80 — 100	88	37	45	3.496	10	21	31	20	15
24	60 — 80	69	48	60	.893	28	19	47	25	26
24	40 — 60	48	47	45	1.689	17	21	38	45	31
23	20 — 40	31	81	41	1.527	32	24	56	65	49
49	Under 20	5	27	32	2.178	88	31	119	103	96
ALL LONDON	{ 3 ft. below to } { 350 feet above }	39	30	41	1.982	46	25	71	62	54
1	2	3	4	5	6	7	8	9	10	11

The column 2 shows that the mean elevation of the sub-districts ranges between 100 feet and 350 feet; and the 3d column, that upon multiplying the population of each sub-district into its elevation, and dividing all the sums thus obtained by the sum of the population, the mean elevation at which the people lived in the six highest sub-districts is about 137 feet.

THIRD SERIES—continued.

TABLE VII.—Of the PRINCIPAL FACTS from which the RESULTS in Tables V. and VI. were obtained.

Elevation above Trinity High-water Mark of the Thames.	Area.	Population.		Deaths from Cholera and Diarrhoea, 1853½-1854.		
		1841.	1851.	Cholera.	Diarrhoea.	Cholera and Diarrhoea.
		Acres.				
Feet. Feet.						
100 — 350	9,341	70,119	121,497	194	299	493
90 — 100	518	28,911	33,895	64	98	162
80 — 90	3,287	72,740	108,522	98	239	337
70 — 80	5,919	177,169	193,128	373	360	733
60 — 70	2,844	206,649	225,663	835	455	1,290
50 — 60	2,854	147,501	189,876	273	463	736
40 — 50	5,363	181,400	197,791	410	405	815
30 — 40	1,311	197,680	222,386	573	581	1,154
20 — 30	3,523	140,510	170,051	726	408	1,134
10 — 20	13,637	197,082	256,182	1,385	660	2,045
Under 10, viz. :*	18,429	492,000	595,119	6,609	2,187	8,796
5 — 10	7,742	83,820	102,191	933	342	1,275
3 — 5	6,693	128,890	159,298	1,764	619	2,383
1 — 3	1,145	132,745	151,070	1,226	558	1,784
-3 — 1	2,849	146,515	182,560	2,686	668	3,354
Elevations not stated	67,026	1,911,761	2,314,110	11,540	6,155	17,695
Police on duty	—	33,566	48,126	121	103	224
Total	78,029	1,948,417	2,362,236	11,661	6,258	17,919

\* The numbers in this line are the sums of the numbers in the four lines below. The last line (-3-1) is to be read thus: the mean elevations of the lowest sub-districts range from three feet below to one foot above Trinity High-water Mark.

TABLE VIII.—Estimated Number of CASES of CHOLERA and DIARRHOEA in London in the year and half, July 1st, 1853, to the end of 1854; also the Deaths registered.

Ages.	Cholera and Diarrhoea.		Cholera.		Diarrhoea.	
	Cases (estimated).	Deaths (registered).	Cases (estimated).	Deaths (registered).	Cases (estimated).	Deaths (registered).
0—	74,424	6,393	3,465	2,142	70,959	4,251
5—	15,210	1,237	2,178	1,056	13,032	181
10—	6,173	513	968	452	5,205	61
15—	13,356	1,229	3,108	1,086	10,248	143
25—	38,228	1,826	4,624	1,637	33,604	189
35—	74,001	1,979	4,127	1,793	69,874	186
45—	46,687	1,584	2,747	1,376	43,940	208
55—	54,953	1,434	2,103	1,132	52,850	302
65—	13,302	1,079	1,179	686	12,123	393
75—	10,617	546	374	267	10,243	279
85 and upwards -	7,744	99	44	34	7,700	65
All ages	354,695	17,919	24,917	11,661	329,778	6,258

THIRD SERIES—continued.

TABLE IX.—Showing the PROBABILITY of RECOVERING and of DYING at different PERIODS of CHOLERA (deduced from the Medical Returns).

Time from Commencement.	Remaining in the Period following.	To Recover.	To Die.	Terminating in the period indicated in Column 1.	Recovering.	Dying.
Hours.						
0—	3,600	1,856	1,744	106	31	75
6—	3,494	1,825	1,669	347	32	315
12—	3,147	1,793	1,354	274	17	257
18—	2,873	1,776	1,097	89	2	87
Days.						
0—	3,600	1,856	1,744	816	82	734
1—	2,784	1,774	1,010	590	162	428
2—	2,194	1,612	582	403	217	186
3—	1,791	1,395	396	342	236	106
4—	1,449	1,159	290	271	197	74
5—	1,178	962	216	185	143	42
6—	993	819	174	163	122	41
7—	830	697	133	30	20	10
8—	809	677	123	28	20	8
9—	772	657	115	27	21	6
10—	745	636	109	25	20	5
11—	720	616	104	24	19	5
12—	696	597	99	22	18	4
13—	674	579	95	21	17	4
14—	653	562	91	89	59	30
15—	564	503	61	78	59	19
16—	486	444	42	76	66	10
17—	410	378	32	69	62	7
18—	341	316	25	65	60	5
19—	276	256	20	60	56	4
20—	216	200	16	51	48	3
21—	165	152	13	30	28	2
22—	135	124	11	23	21	2
23—	112	103	9	17	16	1
24—	95	87	8	15	14	1
25—	80	73	7	12	11	1
26—	68	62	6	10	9	1
27—	58	53	5	10	9	1
28—	48	44	4	10	9	1
29—	38	35	3	9	8	1
30—	29	27	2	9	8	1
31—	20	19	1	8	7	1
32—	12	12	0	6	6	0
33—	6	6	0	4	4	0
34—	2	2	0	2	2	0
1	2	3	4	5	6	7

The Table may be read thus :—By the Medical Returns of 3,600 persons that are attacked by Cholera, 1,856 ultimately recover, 1,744 die ; 816 terminate on the first day, 82 by recovery, 734 by death, leaving 2,784 to enter the second day, of whom 1,774 will recover, 1,010 will die, &c.

The cols. 2, 3, 4, it will be observed, are derived from the first numbers at their head by the successive subtraction of the numbers furnished by the returns in cols. 5, 6, 7.

THIRD SERIES—continued.

TABLE X.—DAILY RATE of RECOVERY and MORTALITY at different PERIODS of CHOLERA.

Day of the Disease.	To 100 Patients living at each period, the Number of Cases		
	Daily Terminating.	Daily Recovering.	Daily Dying.
Days.			
0 — 1	26	3	23
1 — 2	24	7	17
2 — 3	20	11	9
3 — 4	21	14	7
4 — 5	21	15	6
5 — 6	17	13	4
6 — 7	18	13	5
7 — 8	4	3	1
8 — 9	4	3	1
9 — 10	4	3	1
10 — 11	3	2	1
11 and up <sup>s</sup> .	11	10	1

The Table may be read thus :—To every 100 patients in the *first day* of the disease, 3 recoveries, 23 deaths took place ; to every 100 patients in the *second day* of the disease 7 recoveries, 17 deaths took place. Thus the rate of mortality was highest on the first and second days ; and the rate of recovery was highest on the fifth day (4-5.) If there were 12 hospitals, each containing 100 beds, constantly occupied by patients in the first, second, third, &c. day of the disease, there would be 3 recoveries, 23 deaths in the first, &c.

THIRD SERIES—*continued.*

TABLE XI.—Showing the PROBABILITY of RECOVERING or DYING from an Attack of CHOLERA at different PERIODS of the DISEASE.

Time from Commencement.	Probability of ultimately	
	Recovering.	Dying.
Hours.		
0—	·5156	·4844
6—	·5223	·4777
12—	·5698	·4302
18—	·6182	·3818
Days.		
0—	·5156	·4844
1—	·6372	·3628
2—	·7347	·2653
3—	·7789	·2211
4—	·7999	·2001
5—	·8166	·1834
6—	·8248	·1752
7—	·8398	·1602
8—	·8463	·1537
9—	·8510	·1490
10—	·8537	·1463
11—	·8556	·1444
12—	·8578	·1422
13—	·8591	·1409
14—	·8606	·1394
15—	·8918	·1082
16—	·9136	·0864
17—	·9220	·0780
18—	·9267	·0733
19—	·9275	·0725
20—	·9259	·0741
21—	·9212	·0788

The Table may be read thus :—The average probability that a patient who has lived two complete days (48 hours) from the commencement of the attack of cholera will ultimately recover, is ·7347; or it is 7347 to 2653 in favour of his recovery.

## No. III.

## Summary Table of Houses, Population, and Mortality, in the Golden Square Districts.

(Prepared by Mr. H. EDWARDS, from the Registrar-General's Returns.)

SUMMARY TABLE showing the HOUSES, POPULATION, and DEATHS from all Causes, from Zymotic Diseases, and from Cholera especially, in each Street, Court, &c., in the Registrar's Districts of St. Ann's, Soho, Berwick Street, and Golden Square, during the Seven Years 1848-1854, both inclusive.

Name of Street, Court, &c.	Population of Street, 1851.	Total No. of Houses in Street.	Number of Houses in which Deaths have occurred during the seven years 1848-1854.			Number of DEATHS during the seven years 1848-1854.				Total Cholera Deaths in the Epidemic of 1853-4.	Number of HOUSES in which Deaths from Cholera occurred in the periods	
			From All Causes.	From Zymotic Diseases.		From Cholera alone.	Exclusive of Cholera.	From Cholera alone.	From Cholera alone.		1848-52.	1853-4.
				From All Causes.	From Zymotic Diseases.							
Aberdeen Mews	16	3	2	1	1	1	1	1	1	1	1	1
Allen Court	6	1	1	1	1	1	1	1	1	1	1	1
Archer Street	294	18	14	3	3	1	1	1	1	1	1	1
Argyle Place	113	11	5	1	1	1	1	1	1	1	1	1
Arundel Street and Pantons Square.	118	20	9	1	1	1	1	1	1	1	1	1
Argyle Street	244	34	7	2	2	2	2	2	2	2	2	2
Bateman's Buildings	200	16	12	2	2	2	2	2	2	2	2	2
Bear Street	49	5	5	2	2	2	2	2	2	2	2	2
Bentick Street	327	13	14	4	4	4	4	4	4	4	4	4
Berwick Street	1,524	102	77	17	17	17	17	17	17	17	17	17
Blenheim Mews	32	6	3	1	1	1	1	1	1	1	1	1
Blenheim Street	191	16	12	5	5	5	5	5	5	5	5	5
Brewer Street	246	26	14	2	2	2	2	2	2	2	2	2
Bride Lane	68	35	7	1	1	1	1	1	1	1	1	1
Broad Street	855	49	45	9	9	9	9	9	9	9	9	9
Brown's Court	17	1	2	1	1	1	1	1	1	1	1	1
Burlington Gardens	11	2	2	1	1	1	1	1	1	1	1	1
Burlington Street	-	-	1	1	1	1	1	1	1	1	1	1
Burlington Mews	-	-	2	1	1	1	1	1	1	1	1	1
Cambridge Street	173	15	13	3	3	3	3	3	3	3	3	3

Carnaby Street	965	58	51	17	14	162	33	14	5	17	2	12
Carlisle Street	175	18	11	3	-	22	3	-	-	-	-	-
Castle Street	36	8	4	1	-	4	1	-	-	-	-	-
Catherine-wheel Yard	31	15	4	2	1	10	2	1	-	1	1	1
Chapel Place	177	20	16	5	1	29	8	1	-	1	1	1
Charles Street	90	12	3	3	-	4	5	2	-	1	1	1
Church Street	538	35	28	11	2	74	11	2	-	1	1	1
Clifford Street	114	18	10	1	-	13	1	-	-	-	-	-
Coach and Horses Yard	30	35	3	1	-	3	1	-	-	-	-	-
Cock Court	58	3	3	1	-	6	1	-	-	-	-	-
Cooper's Court, or Tugh's Place	42	6	5	1	-	9	1	-	-	-	-	-
Cork Street	202	23	7	3	-	12	3	-	-	-	-	-
Coventry Street	130	20	6	2	-	12	2	-	-	-	-	-
Cranbourne Passage	31	4	2	2	-	2	2	-	-	-	-	-
Cranbourne Street	147	25	11	3	1	13	3	1	1	1	1	1
Cross Court	30	4	3	3	4	4	3	4	6	9	5	1
Cross Street	367	14	13	4	5	71	10	4	2	1	1	1
Crown Court	192	9	12	6	1	37	6	2	3	1	1	1
Crown Street	642	40	30	11	5	111	32	6	3	1	1	1
Dean Street	947	96	63	24	3	123	32	3	3	1	1	1
Devonshire Place	13	1	2	2	-	5	5	-	-	-	-	-
Down's Place	40	9	2	2	-	2	2	-	-	-	-	-
Duck Lane	21	21	3	3	2	4	4	2	3	4	3	1
Dufour's Place	170	10	10	2	3	27	4	2	3	4	3	1
Earl's Court	50	6	3	3	4	3	1	1	4	3	3	1
Edward Street	95	9	7	1	-	15	1	-	-	-	-	-
Falconberg Court	139	9	9	2	6	31	16	6	4	1	1	1
Faulconberg Place	28	4	2	3	-	6	3	-	-	-	-	-
Frith Street	609	65	28	3	-	36	3	-	1	1	1	1
George Court	81	8	6	2	1	12	5	1	1	1	1	1
George Place (Cross Street)	58	4	5	2	1	10	3	1	1	1	1	1
George Street	-	-	3	3	1	3	3	1	1	1	1	1
George Yard	47	8	4	2	2	11	3	2	2	2	2	2
Gerrard Street	513	50	30	9	2	54	10	2	2	2	2	2
Glasshouse Street	26	4	2	2	-	4	2	-	-	-	-	-
Golden Place	10	2	2	2	-	2	2	-	-	-	-	-
Golden Square II	370	46	13	2	1	58	9	1	1	1	1	1
Grafton Street	464	27	22	13	4	80	24	4	5	2	2	2

Summary Table, showing the Houses, Population, and Deaths from all Causes, &c.—continued.

Name of Street, Court, &c.	Popu-lation of Street, 1851.	Total No. of Houses in Street.	Number of Houses in which Deaths have occurred during the seven years 1848-1854.			Number of DEATHS during the seven years 1848-1854.			Total Cholera Deaths in the Epidemic of 1853-4.	Number of HOUSES in which Deaths from Cholera occurred in the periods				
			From All Causes.	From Zymotic Diseases.		From All Causes.	Excl-usive of Cholera.	From Cholera alone.		From Houses where other Zymotic Deaths have occurred.	From Houses where Cholera alone.	1848-52.	1853-4.	1848-9 and 1853-4.
				From Zymotic Diseases.	Excl-usive of Cholera.									
Great Burlington Street	-	-	1	-	-	1	-	-	1	-	-	-		
Great Chapel Place	-	-	1	-	-	1	-	-	1	-	-	-		
Great Chapel Street	387	24	17	4	3	48	6	1	2	1	1	-		
Great Crown Court	348	27	17	7	2	39	9	-	2	2	-	-		
Great Newport Street	114	12	4	-	-	8	-	-	1	1	-	-		
Great Marlborough Street	445	55	32	6	5	52	7	9	4	4	-	-		
Great Pulteney Street	531	42	30	6	14	81	10	18	2	13	1	-		
Great Windmill Street	286	29	18	7	1	59	8	1	2	1	1	-		
Green Street	675	64	37	14	2	74	16	2	1	1	-	-		
Green's Court and Pulteney Place.	254	11	12	3	6	42	12	5	1	4	-	-		
Green Dragon Yard	17	2	3	1	-	4	1	-	-	-	-	-		
Hann Yard (Duck Lane)	5	3	1	-	-	1	-	-	-	-	-	-		
Karris Place	82	4	2	-	-	5	-	-	-	-	-	-		
Hayes Court	149	12	6	1	-	10	1	-	-	-	-	-		
Heddon Court	235	12	14	6	3	37	9	2	-	3	-	-		
Heddon Street	408	18	15	7	-	40	10	1	-	-	-	-		
Hollen Street	352	16	15	4	2	61	9	1	-	1	-	-		
Hop Garden	-	-	1	-	-	1	-	-	-	-	-	-		
Hopkins Street	160	11	8	2	4	37	9	-	-	3	-	-		
Horse and Dolphin Yard	19	2	2	1	1	3	1	-	-	1	-	-		
Husband Street	237	10	9	2	2	37	5	-	-	2	-	-		
John's Court	-	-	1	-	-	1	-	-	-	-	-	-		
John Street	-	-	1	-	-	1	-	-	-	-	-	-		

Kemp's Court	73	7	6	2	3	16	4	2	4	3	1	-
King Street	1,984	120	63	27	9	256	47	8	8	7	-	-
Kirkman's Yard	-	-	1	1	-	1	-	-	-	-	-	-
Legg Court	42	5	2	2	-	4	-	-	-	-	-	-
Leicester Place	187	15	8	1	-	10	-	-	-	-	-	-
Leicester Square	167	19	11	1	-	12	1	-	-	-	-	-
Leicester Street	245	24	13	1	2	35	5	1	2	2	-	-
Lisle Street	389	45	29	14	-	46	17	-	-	-	-	-
Litchfield Street	606	36	25	16	1	89	28	-	-	-	-	-
Little Argyle Street	55	6	3	2	-	4	2	-	-	-	-	-
Little Chapel Street	249	14	18	6	1	46	1	-	-	1	-	-
Little Crown Court	32	6	3	-	-	3	-	-	-	-	-	-
Little Compton Street	338	16	18	7	-	46	11	-	-	-	-	-
Little Dean Street	201	13	9	3	1	36	9	-	-	1	-	-
Little Marlborough Street	175	14	10	5	1	32	6	-	-	-	-	-
Little Newport Street	286	33	18	5	-	22	5	-	-	-	-	-
Little Pulteney Street	617	38	26	8	5	80	14	3	5	2	-	-
Little Windmill Street	595	37	31	10	10	90	25	7	5	8	-	-
Locality not specified	-	-	2	-	-	2	-	-	-	-	-	-
Lower John Street	74	10	5	1	-	9	3	-	-	-	-	-
Lower James Street	57	9	2	2	-	2	-	-	-	-	-	-
Lownd's Court	53	2	2	2	-	6	-	-	-	-	-	-
Macclesfield Street	148	12	9	5	-	18	7	-	-	-	-	-
Maidenhead Passage	24	1	1	-	-	1	-	-	-	-	-	-
Market Row	30	3	2	2	-	2	-	-	-	-	-	-
Market Street	223	10	10	5	1	40	12	3	1	2	-	-
Marlborough Court	54	3	5	4	2	9	-	-	-	-	-	-
Marlborough Mews	55	9	4	2	-	5	-	-	-	-	-	-
Marlborough Place	-	-	3	3	-	3	-	-	-	-	-	-
Marlborough Police Court	-	-	1	-	-	1	-	-	-	-	-	-
Marlborough Row	223	14	9	2	-	59	12	7	3	10	-	-
Marlborough Street	68	5	10	2	2	16	2	1	2	2	-	-
Marshall Street	951	56	48	8	21	180	26	20	39	19	-	-
Meard's Court	381	16	16	7	2	52	12	2	2	2	-	-
Meard's Street	246	8	7	2	1	23	4	-	1	1	-	-
Moor Street	220	16	13	5	-	28	5	-	-	-	-	-
Nag's Head Court	-	-	2	-	-	2	-	-	-	-	-	-
Nag's Head Yard	40	8	2	-	-	2	-	-	-	-	-	-

Summary Table, showing the Houses, Population, and Deaths from all Causes, &c.—continued.

Name of Street, Court, &c.	Popu- lation of Street, 1861.	Total No. of Houses in Street.	Number of Houses in which Deaths have occurred during the seven years 1848-1854.			Number of DEATHS during the seven years 1848-1854.				Total Cholera Deaths in the Epidemic of 1853-4.	Number of HOUSES in which Deaths from Cholera occurred in the periods 1848-52 and 1853-4.			
			From all Causes.	From Zymotic Diseases.		Exclu- sive of Cholera.	From all Causes.	From Cholera alone.	From ZYMOTIC DISEASES.		1848-52.	1853-4.	1848-9 and 1853-4.	
				From Zymotic Diseases.	Cholera.				In Houses where other Zymotic Deaths have occurred.					In Houses where Cholera alone, no other Zymotic Deaths have occurred.
Nassau Street	72	10	7	1	1	9	1	1	1	1	1	1		
Naylor's Yard	15	3	3	1	1	3	1	1	1	1	1	1		
New Bond Street	73	7	3	1	1	3	1	1	1	1	1	1		
New Burlington Mews	27	4	1	1	1	1	1	1	1	1	1	1		
New Burlington Street	145	25	4	2	1	4	1	1	1	1	1	1		
Newport Court	161	27	7	2	2	9	1	1	1	1	1	1		
Newport Street	-	-	2	2	2	8	1	1	1	1	1	1		
Newport Market	-	-	10	3	3	12	1	1	1	1	1	1		
New Street	340	18	13	5	8	59	10	2	12	8	1	1		
Noel Street	444	27	21	4	8	56	7	4	4	2	1	1		
Old Burlington Mews	64	11	5	3	1	5	1	1	1	1	1	1		
Old Burlington Street	274	33	11	1	1	18	1	1	1	1	1	1		
Old Compton Street	742	49	33	9	1	83	11	1	1	1	1	1		
Orange Court	22	2	1	1	1	5	2	4	1	1	1	1		
Oxford Street (part of)	866	129	59	13	3	81	16	4	12	7	1	1		
Peter Street	640	31	27	4	10	114	17	4	3	1	1	1		
Philips Court	27	3	2	1	1	2	1	1	1	1	1	1		
Plough Yard	21	1	3	1	1	4	1	1	1	1	1	1		
Poland Street	789	63	49	7	12	107	10	8	22	12	1	1		
Porter Street	508	28	23	9	4	88	17	3	1	3	1	1		
Portland Mews	58	15	11	1	1	11	4	4	4	1	1	1		
Portland Street	523	34	26	6	5	80	12	1	7	5	1	1		
Prince's Court	33	4	3	1	1	9	1	1	1	1	1	1		

Prince's Row	488	26	18	10	4	69	15	3	3	3	2	1
Prince's Street	530	67	29	10	5	67	3	3	6	1	5	1
Pultney Court	153	8	8	5	1	8	4	1	1	1	1	1
Pultney Street	94	7	5	7	2	20	4	1	1	1	1	1
Queen's Head Court	428	35	18	7	1	42	7	1	1	1	1	1
Queen's Street	1,092	127	43	11	2	53	12	2	2	2	1	1
Regent Street (part of)	-	-	4	4	1	4	4	1	1	1	1	1
Rose Court	170	13	9	4	1	23	5	1	1	1	1	1
Richmond Buildings	231	10	12	3	1	28	5	1	1	1	1	1
Richmond Street	265	15	12	6	2	43	2	2	1	1	1	1
Rose Street	802	65	43	20	5	99	8	4	2	3	2	1
Rupert Street	173	17	8	4	1	18	8	1	4	3	2	1
Ryder's Court	543	27	27	6	17	123	25	17	22	4	14	1
St. Ann's Court	13	2	4	2	1	13	3	2	2	1	1	1
St. Ann's Place	-	-	1	4	1	1	4	1	1	1	1	1
Saville Passage (Saville Row)	221	29	9	4	1	13	4	4	1	1	1	1
Saville Row	36	2	2	2	1	4	2	2	1	1	1	1
Ship Yard	587	48	32	10	11	88	19	5	13	1	10	1
Silver Street	28	6	3	2	1	9	2	2	1	1	1	1
Sutton Place	-	-	1	1	1	1	1	1	1	1	1	1
Shooting Gallery (Leicester Square).	-	-	1	1	1	1	1	1	1	1	1	1
Smith's Court	-	-	1	4	1	1	5	1	1	1	1	1
Soho Square	255	36	17	7	6	52	9	11	11	2	5	1
South Row	178	7	7	1	1	1	2	1	1	1	1	1
Spur Street	25	4	4	2	1	5	2	1	1	1	1	1
Star Court	45	4	4	1	1	1	1	1	1	1	1	1
Star Street	-	-	1	1	1	1	1	1	1	1	1	1
Sutton Street	120	8	8	3	2	19	3	3	2	1	1	1
Sydney Alley	23	2	2	2	1	2	2	1	1	1	1	1
Swallow Passage	7	1	1	1	1	1	1	1	1	1	1	1
Titchfield Street	52	5	3	3	1	6	4	1	1	1	1	1
Tyler's Court	116	9	5	23	1	18	6	1	1	1	1	1
Tyler's Street	136	9	9	3	2	25	6	2	3	1	2	1
Upper John Street	106	10	8	2	1	14	2	1	1	1	1	1
Upper James Street	105	7	7	3	1	17	3	1	1	1	1	1
Upper Rupert Street	193	10	10	7	3	28	8	1	1	1	1	1

Summary Table, showing the Houses, Population, and Deaths from all Causes, &amp;c.—continued.

Name of Street, Court, &c.	Population of Street, 1851.	Total No. of Houses in Street.	Number of Houses in which Deaths have occurred during the seven years 1848-1854.			Number of Deaths during the seven years 1848-1854.			Number of Houses in which Deaths from Cholera occurred in the periods 1848-52 and 1853-4.		
			From all Causes.	From Zymotic Diseases.		From all Causes.	From Zymotic Diseases.	From Cholera alone.	Total Cholera Deaths in the Epidemic of 1853-4.	1848-52.	1853-4.
				From all Causes.	Exclu- sivo of Cholera.						
Vigo Street	41	6	1	1	2	1	1	1	1	1	
Walker's Court	76	12	3	1	4	1	1	1	1	1	
Wardour Street	1,383	124	91	33	183	6	12	17	11	1	
Warwick Street	301	49	17	5	22	3	3	1	1	1	
West Street	496	26	18	6	68	4	7	10	4	1	
White Hart Street	-	1	1	-	1	-	-	1	1	1	
William and Mary Yard	110	15	7	4	13	4	2	2	2	1	
Workhouse (Poland Street)	628	-	-	1	816	44	-	34*	1	1	
Total	42,005	3,485	2,204	686	6,580	1,126	318	537	86†	310	
				386			323			10	

\* Ten Deaths occurred in the Workhouse in 1849 and 34 in 1853-4.

† In the 86 houses referred to in the last column but two, there occurred during the years mentioned, 104 deaths, of which 97 were in the epidemic of 1848-9; the others sporadically, 5 in 1850, 1 in 1851, and 1 in 1852. Of the deaths recorded in the last column but three, 11 occurred sporadically in the year 1853, the remainder in the great outbreak of 1854. The "H" affixed to "Golden Square" (p. 3), is intended to intimate that the mortality of a Hospital is included in it.

(Signed) H. EDWARDS.

## No. IV.

Pathological Memorandum, circulated among Medical Officers of Public Institutions, and other Members of the Medical Profession.

THE Medical Council, at the President's desire, have had under consideration what unsettled points in the *pathology of cholera* are at once most important for practical purposes, and most capable of receiving further light from accurate clinical and post-mortem inquiries.

In replying to this reference, the Medical Council are especially desirous that they should not seem in any degree to restrict the field of research, or to discourage independent scrutiny and registration even of the most familiar facts. There is no part of the subject but may be better understood through additional study; and the Medical Council would not willingly dispense with any fruits of careful and conscientious investigation.

With this qualification, the Medical Council would suggest that the physicians of our metropolitan hospitals and the junior officers who work under their direction in the registration of hospital experience, as well as other members of the profession who have the medical charge of public institutions, might, with much utility, collect scientific material in relation to the following questions:—

1. *Through what channel* does the exterior cause or poison of cholera first enter or affect the human body? is it through the lungs? or through the stomach and intestines? or otherwise?

2. Has the disease a *period of incubation*? if so, how long? and on what is it contingent?

3. Is there conclusive evidence, affirmative or negative, as to *communication of the disease from person to person*? Has any disproportionate liability to the disease been suffered by those in attendance on the sick, or by those engaged about their dead bodies, or occupied in cleansing their linen? Have cases of the disease occurred where personal infection was impossible? Have solitary cases arisen in large establishments, or been brought thither, without any diarrhoea or cholera ensuing among other inmates? Where choleraic disease has spread in an establishment, shortly after the arrival either of a choleraic patient or of some person from a choleraic locality, has the establishment previously been free from diarrhoea or fever, and unexceptionable in its sanitary arrangements?

4. Does anything indicate a *communication of the disease by provisions* supplied from houses in which cholera exists?

5. Have persons engaged in *particular manufactures* or other employments appeared to enjoy any special exemption from the disease?

6. Has the disease been observed in apparent *dependence on particular articles of diet*? Has any immunity been enjoyed by persons deriving their water-supply from a different source to that generally supplying their district? Has it occurred to persons who have drunk no other water than such as had previously been distilled, boiled, or filtered through charcoal?

7. Does cholera *begin as a morbid process of the gastro-intestinal mucous membrane*? or is this preceded by some state of general poisoning which requires the gastro-intestinal membrane to act as an emunctory? Is the state of collapse determined by this gastro-intestinal flux, and in proportion to it? or can it arise independently of any such flux? How are the lividity and the cramps determined and proportioned?

8. What conditions determine the occurrence, duration, and severity of *consecutive fever*? What are the varieties of morbid condition included under this term? To what extent does it depend on the previous occurrence of profuse discharges, or on the completeness of collapse? Does stupor in this stage always depend on uræmia, or on what? In what proportion of cases, and under what pathological conditions, is the fever accompanied by exanthem?

9. When *diarrhœa and cholera* prevail together epidemically in a district, are they (with differences of degree) *the same disease*? does the diarrhœa, if left to itself, generally and safely tend to spontaneous recovery? or do such cases, without medical treatment, frequently, in proportion to their numbers, pass into true cholera? Is there any way to discriminate a premonitory diarrhœa.

10. What changes—physical and chemical—are undergone by *the blood in cholera*? Does the consecutive fever represent, in regard to the blood, a period in which this fluid is tending to recover from injuries inflicted on its constitution during the stage of gastro-intestinal flux? Or is it attended by any process of change in the blood, leading to critical discharges or inflammations?

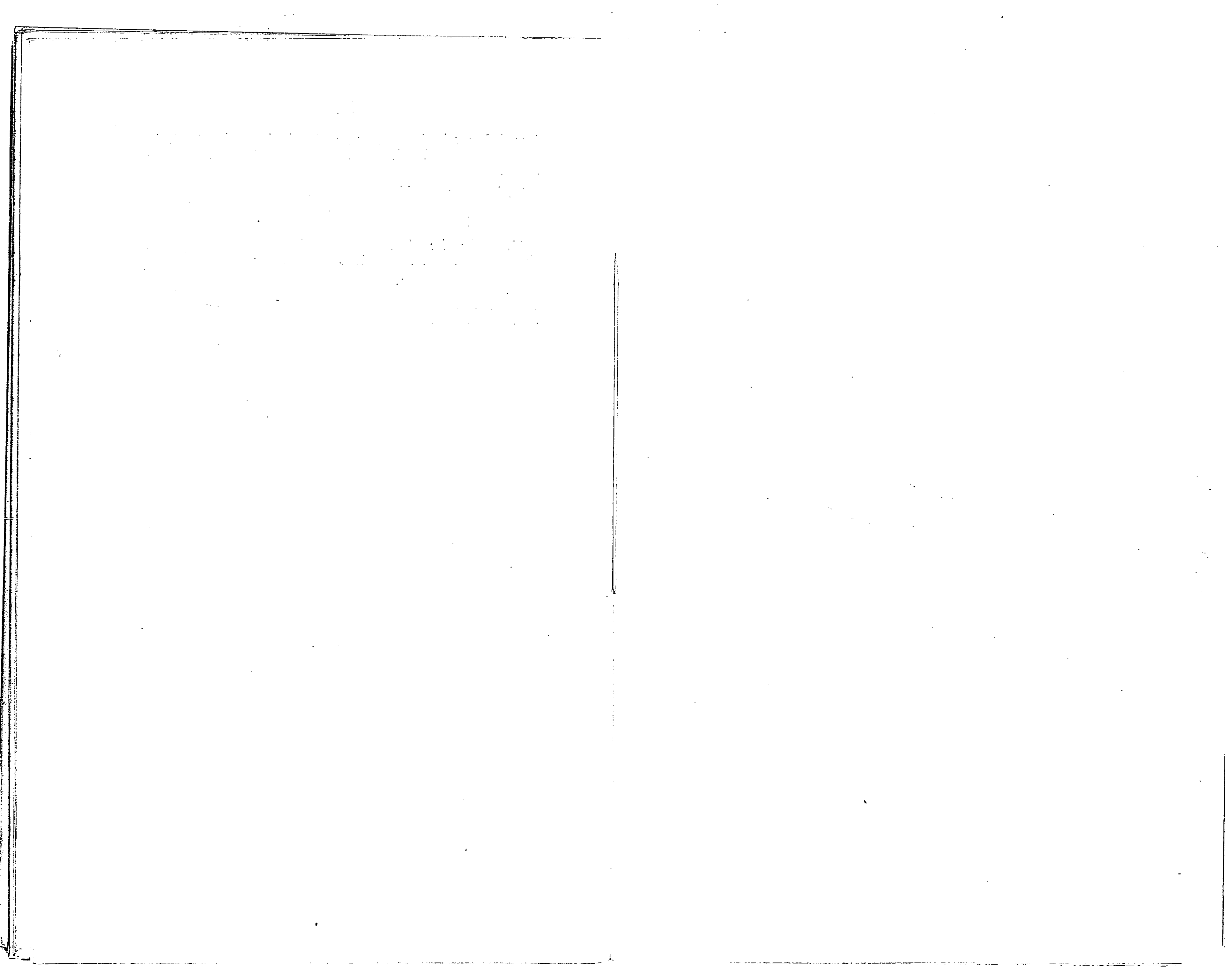
11. Does any *obstruction of the capillary circulation* in the Malpighian tufts of the kidney, or in the lung or brain, or elsewhere, arise either from inspissation or other physical affection of the blood in cholera? Do any infiltrations or other parenchymatous changes, which have been observed in persons dead

from cholera, arise in consequence of such obstructions? Or do all these structural lesions arise as ordinary inflammatory processes?

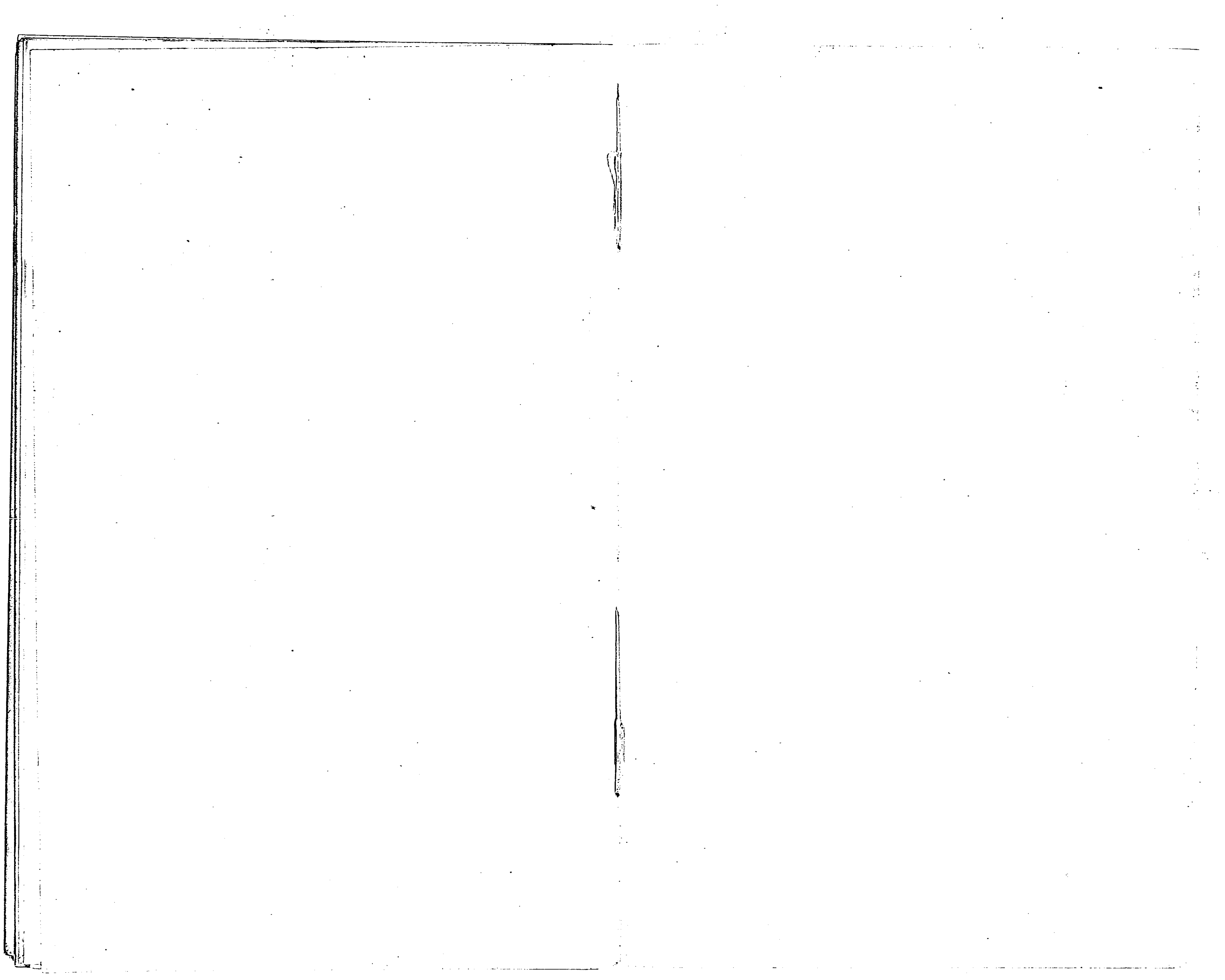
12. Does the *non-discharge of bile* with the rice-water secretions of cholera depend on tumefaction of the ductus choledochus? or on what?

13. Is the *rise of temperature* which has occasionally been observed *after death by cholera* confined to cases where death occurs during collapse? Does it occur only at the surface of the body, and, if so, depend on a return of blood to the surface? Or does it occur also in the visceral cavities of the body, and in the substance of solid organs?





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GENERAL BOARD OF HEALTH.

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MEDICAL COUNCIL.

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REPORT

OF THE

COMMITTEE FOR SCIENTIFIC INQUIRIES

IN RELATION TO

THE CHOLERA-EPIDEMIC  
OF 1854.

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Presented to both Houses of Parliament by Command of Her Majesty.

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1855.

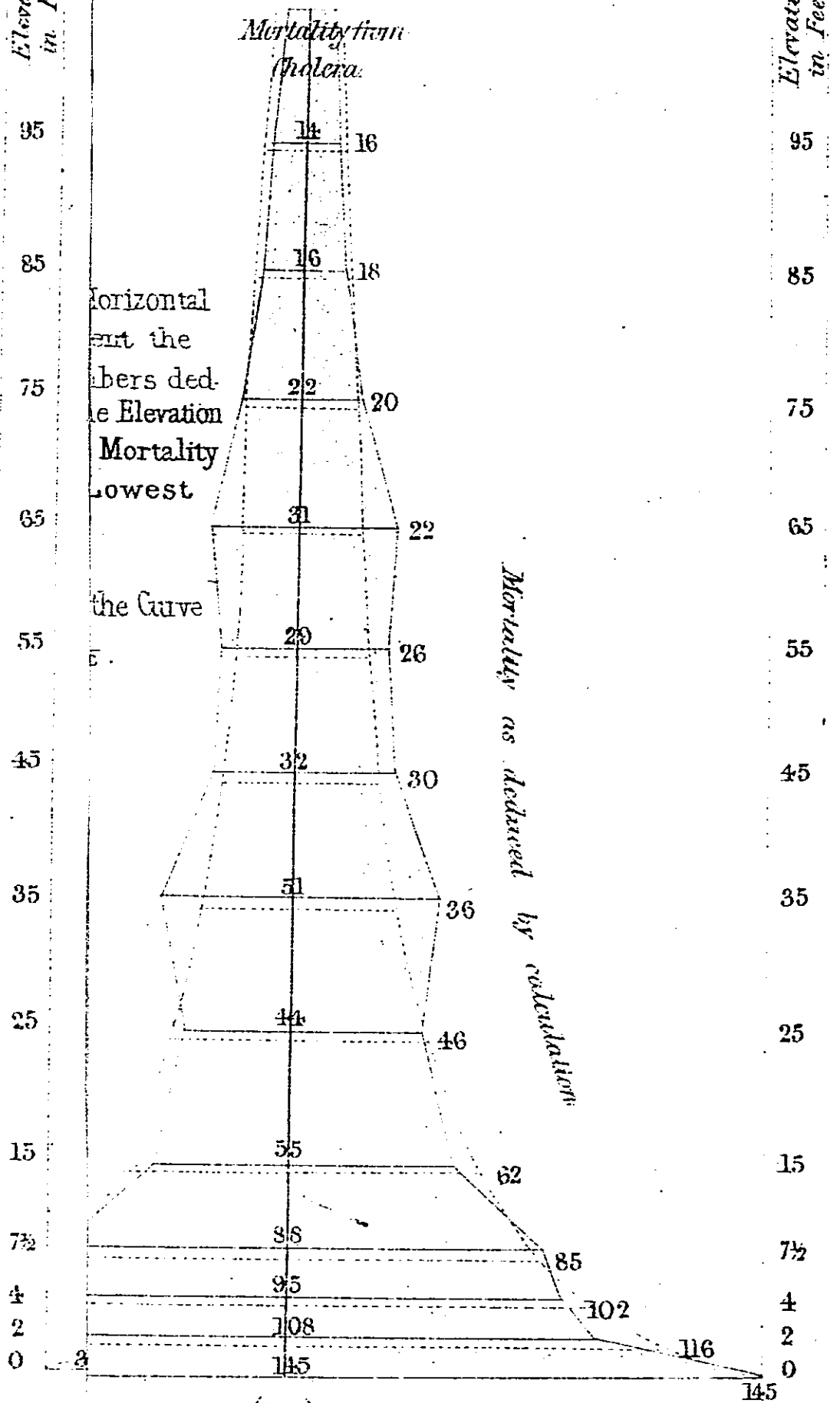
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*[The Two Diagrams herewith enclosed should have been inserted in the Scientific Committee's Report on the Cholera-Epidemic of 1854, delivered in August last;—that on the Influence of Elevation at p. 16, and that showing a Comparison of Mortality during the two Epidemics of 1849 and 1854, at p. 24.]*

BIBLIOTHEQUE DU  
PALAIS DE LA PAIX  
CARNEGIEPLEIN  
LA HAYE  
PAYS-BAS.

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mean of 1849 & 1853½ 54.



Horizontal cut the numbers deduced from the Elevation of Mortality lowest

the Curve

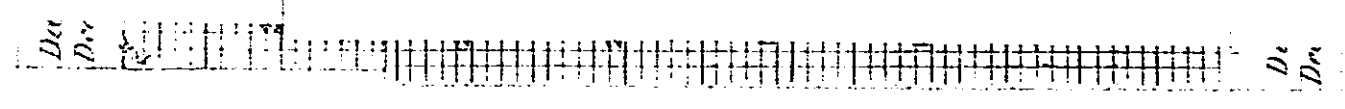
Mortality as deduced by calculation

(II.)

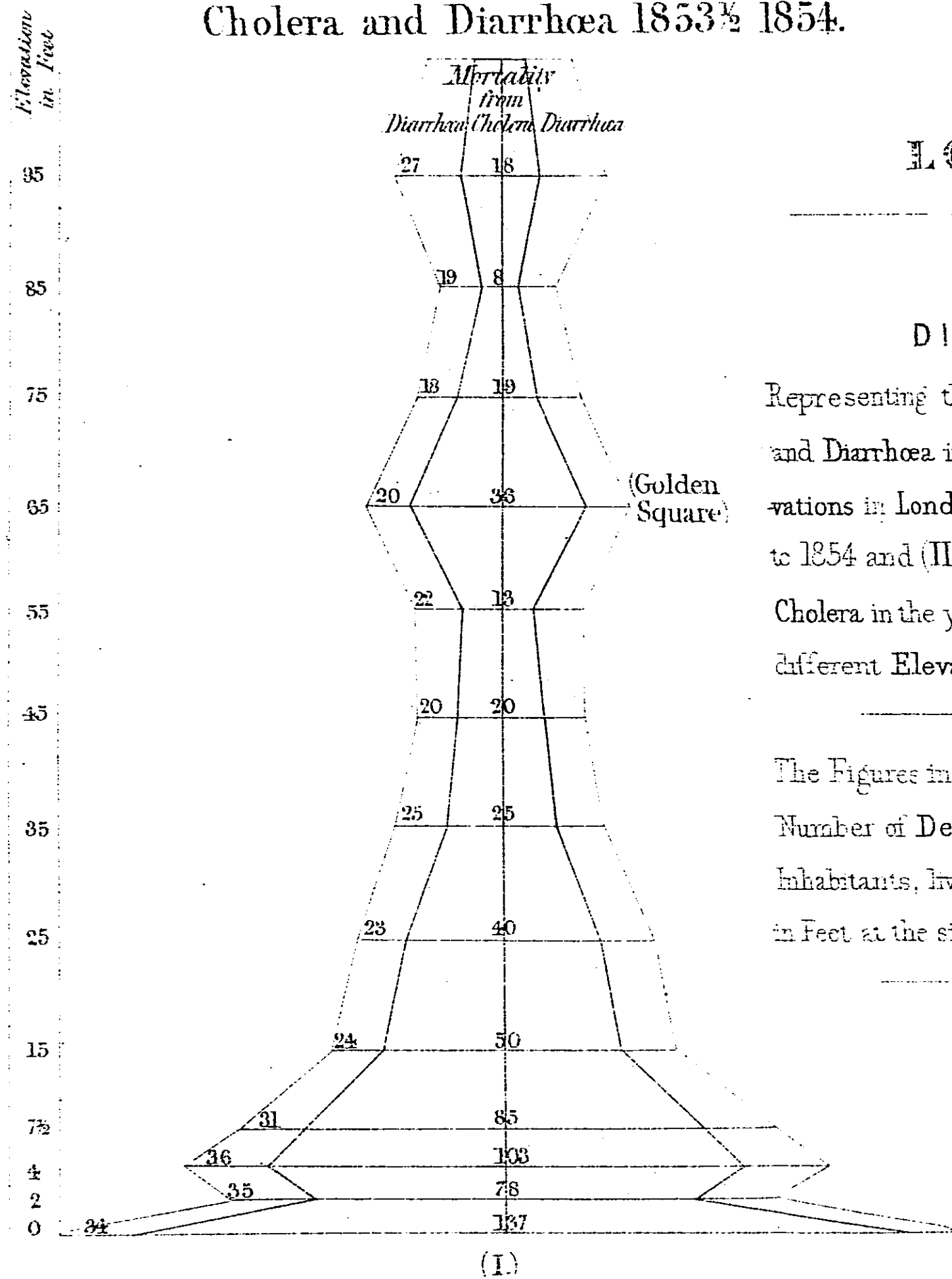
The different Elevations indicated by the height from the mean of 1849 & 1853½-54 from Cholera, was 20 in 10,000 Inhabitants

F J Williams Del.

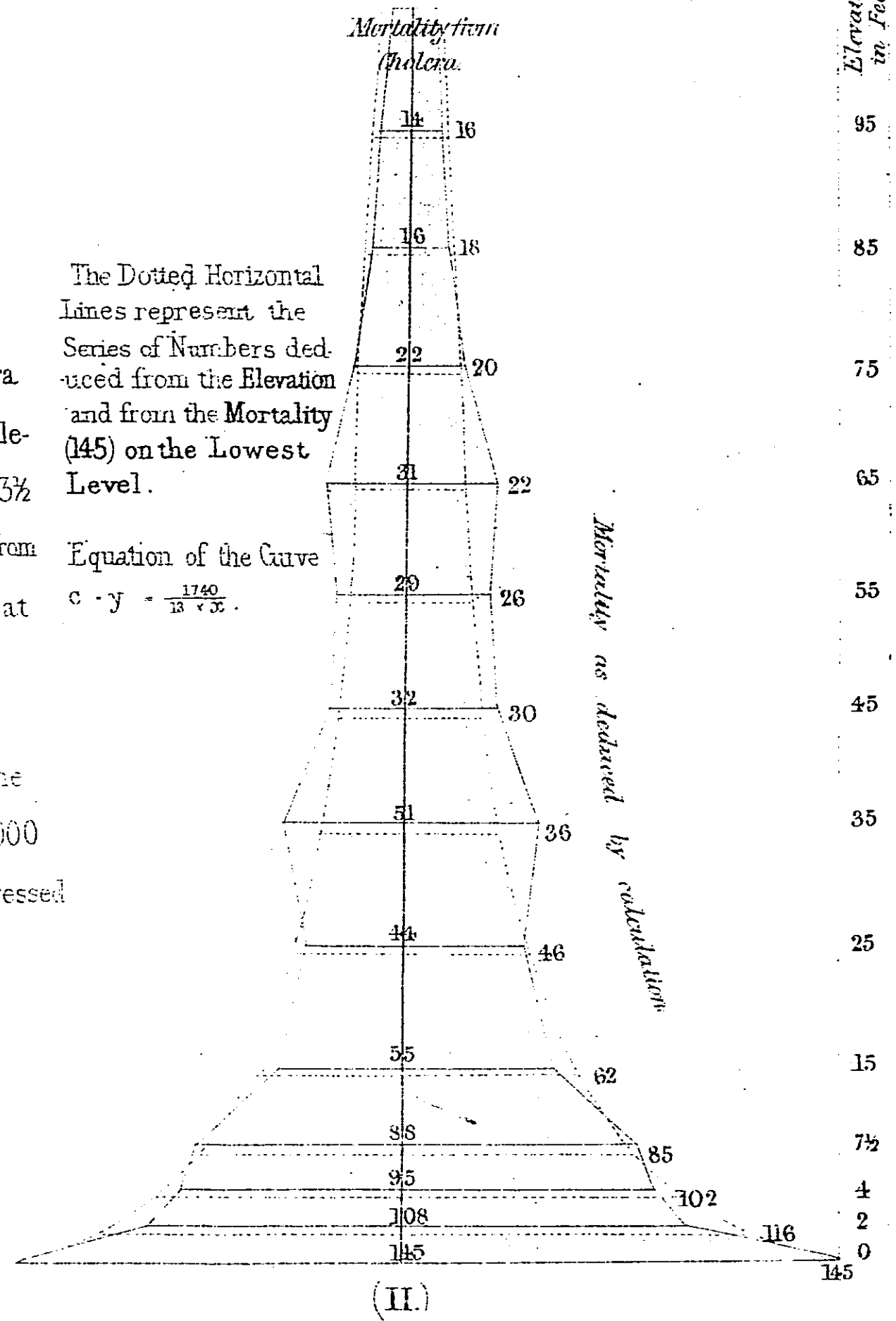
Engraved by J. H. ...



Cholera and Diarrhoea 1853½ 1854.



Cholera — mean of 1849 & 1853½ 54.



LONDON.

DIAGRAMS.

Representing the Mortality from Cholera and Diarrhoea in Districts at different Elevations in London (I) in the 1½ years 1853½ to 1854 and (II) also the mean Mortality from Cholera in the years 1849 and 1853½-54 at different Elevations.

The Figures in the Diagrams express the Number of Deaths from Cholera to 10,000 Inhabitants, living at the Elevations expressed in Feet at the sides of the Diagram.

The Dotted Horizontal Lines represent the Series of Numbers deduced from the Elevation and from the Mortality (145) on the Lowest Level.

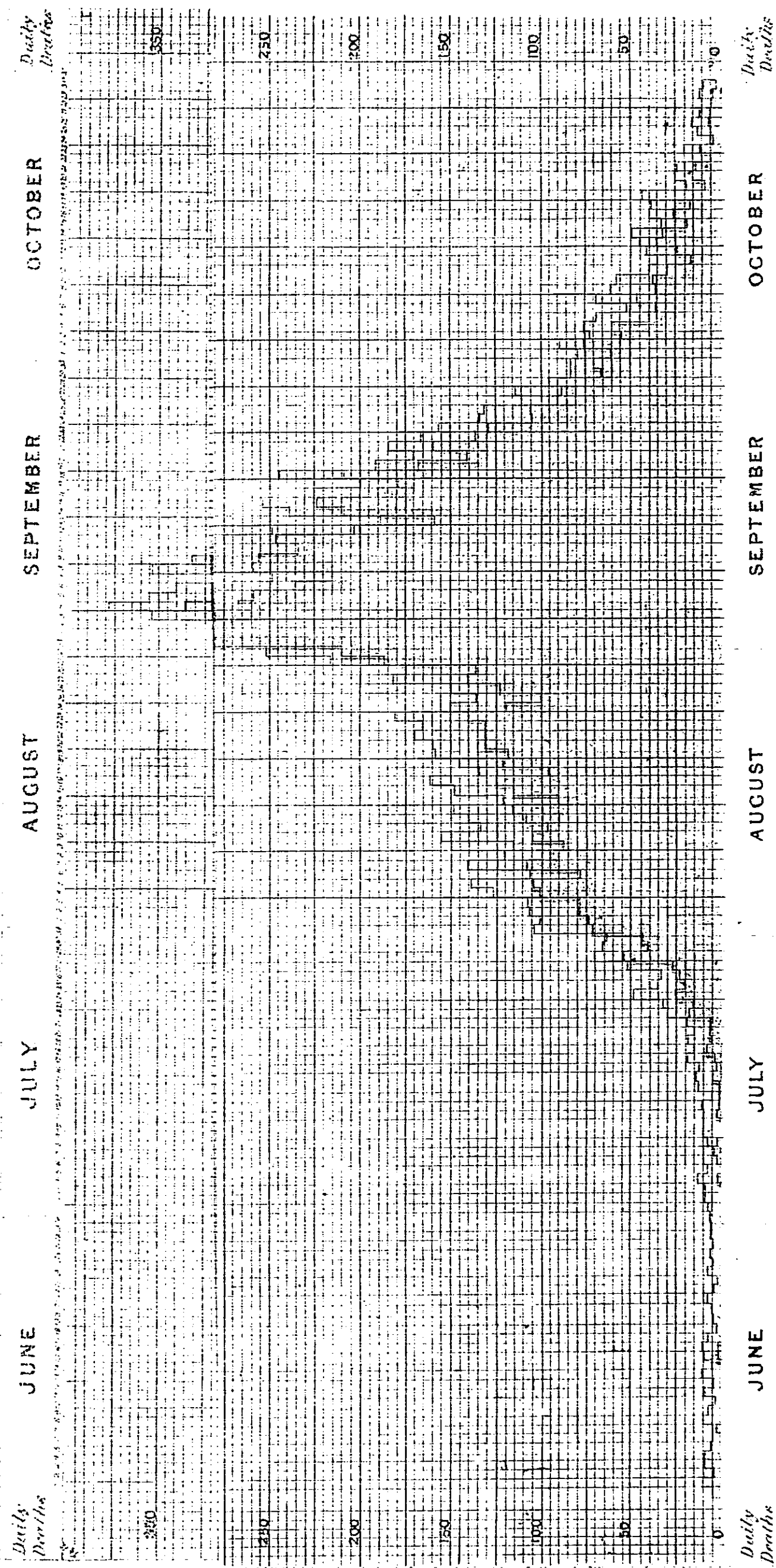
Equation of the Curve  $C - Y = \frac{1740}{13 + X}$ .

Mortality as deduced by calculation.

The Length of the black horizontal line represents the Mortality from Cholera and Diarrhoea at the different Elevations indicated by the height from the base of the Diagrams. Thus in Districts 45 Feet above the Thames. The Mortality in London in 1853½-54 from Cholera, was 20 in 10,000 Inhabitants from Diarrhoea, 20 in 10,000 Inhabitants.

DIAGRAM EXHIBITING BY COLOURED VERTICAL LINE THE DEATHS BY CHOLERA AND BY DIARRHOEA.

ON EACH DAY OF THE FIVE MONTHS JUNE—OCTOBER FOR THE YEARS 1849 AND 1854.

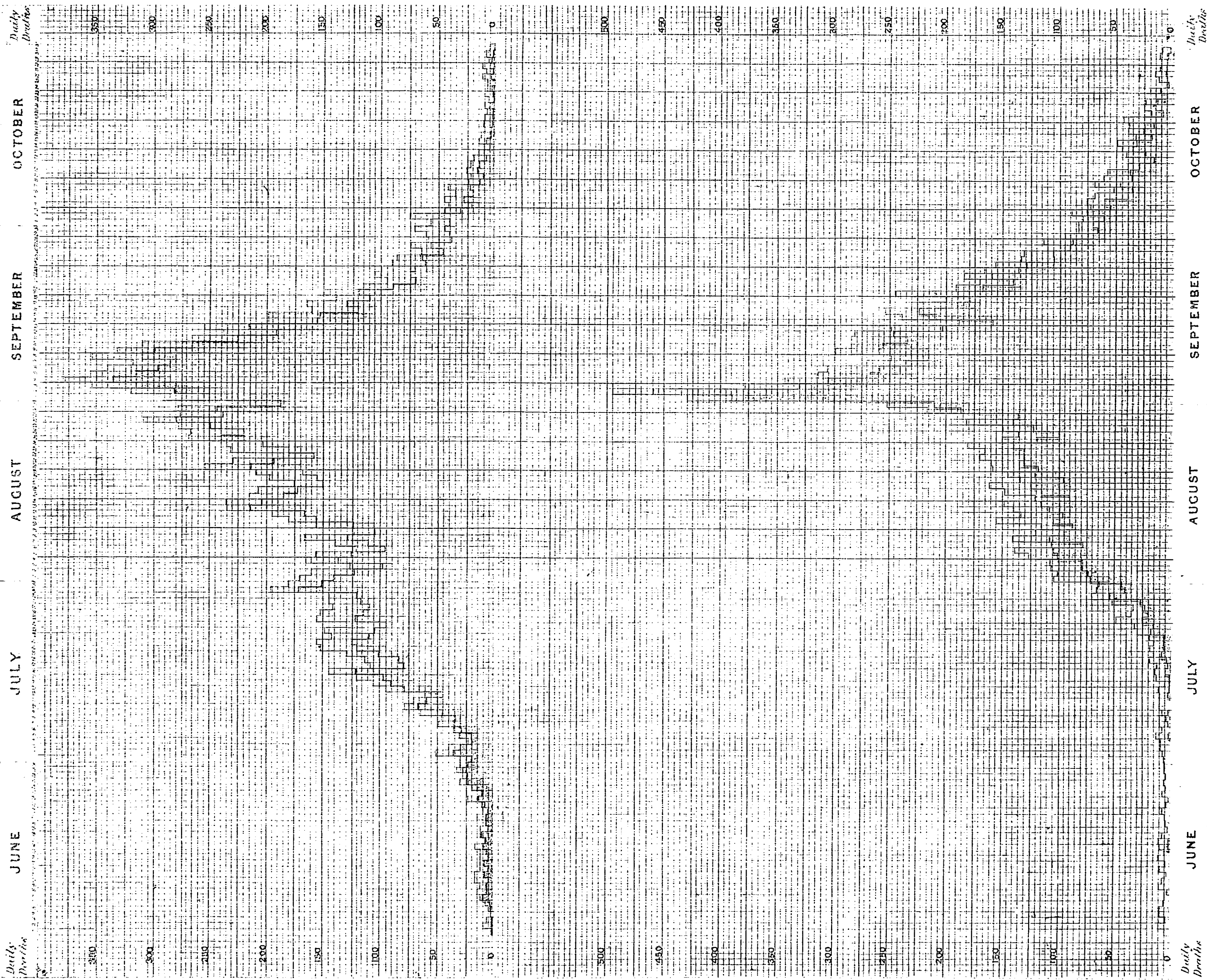


The Diagram may be read thus: The Deaths in September 2<sup>nd</sup> from Cholera (blue line) were 450.  
The Deaths from Diarrhoea (yellow) were 30. The Deaths from Cholera and Diarrhoea were 495.



DIAGRAM EXHIBITING BY COLOURED VERTICAL LINE THE DEATHS BY CHOLERA AND BY DIARRHOEA.

ON EACH DAY OF THE FIVE MONTHS JUNE... OCTOBER FOR THE YEARS 1849 AND 1854.



The Diagram may be read thus: The Deaths on September 2<sup>nd</sup> from Cholera (black line) were 450. The Deaths from Diarrhoea (yellow) were 30. The Deaths from Cholera and Diarrhoea were 480.

