

**The third annual report of the committee of visitors of the County Lunatic Asylum at Colney Hatch : January quarter session, 1854 / [Middlesex County Lunatic Asylum].**

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Middlesex.

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THE  
THIRD ANNUAL REPORT  
OF THE  
COMMITTEE OF VISITORS

OF THE  
County Lunatic Asylum at Colney Hatch.

JANUARY QUARTER SESSION, 1854.

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LONDON:  
PRINTED BY JOHN THOMAS NORRIS, ALDERSGATE STREET.

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1854.

**Middlesex County Lunatic Asylum,  
COLNEY HATCH.**

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**COMMITTEE OF VISITORS,  
APPOINTED JANUARY, 1853.**

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## Middlesex.

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TO HER MAJESTY'S JUSTICES OF THE PEACE  
FOR THE COUNTY OF MIDDLESEX IN GENERAL  
QUARTER SESSION ASSEMBLED.

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*THE THIRD ANNUAL REPORT of  
the COMMITTEE of VISITORS of the  
COUNTY LUNATIC ASYLUM at  
COLNEY HATCH.*

THE Committee of Visitors in presenting their Annual Report to the Court, trust their proceedings will meet the approval of the Magistrates and the Ratepayers of the County

Your Committee entered upon their duties with the knowledge, that, notwithstanding the good state of repair in which the building and offices continued, many additions and improvements were rendered necessary by the large number of Patients who had been admitted. Their first object, therefore, was to carry into effect the recommendations of their predecessors, which the Court had approved, and for which they had granted the necessary funds.

The new Drying Closets for the Laundries have been completed; and the inconvenience previously experienced is no longer felt. These Drying Closets have added much to the



comforts of the Establishment, and diminished many causes of domestic disquietude.

The purchase of the land from the Trustees of the late DR. CLINE having but recently been completed, the new fencing has consequently been delayed; but it is now in progress, and will, when completed, relieve both the Officers and Attendants of much anxiety, caused by the open and exposed state of the grounds.

The importance of a constant supply of water for the use of the Establishment was so great, that your Committee have deemed it necessary to order a second set of pumps to be placed in the well, thereby guarding against any accident which might have stopped the supply.

The Warming Apparatus continues to answer the purposes originally intended; the temperature in the Wards during the recent severe weather having been satisfactory.

Several alterations have taken place in the Airing Courts, all of a trifling character, but tending to increase their security and cheerfulness. In the front grounds the Iron Fencing has been finished, the land drained, and the planting completed, which has added much to the general appearance and cheerfulness of the Asylum.

Your Committee, availing themselves of MR. MECHI's permission, directed MR. HENDERSON, the Steward, and MR. HOLMAN, the Engineer of the Asylum, to visit his farm at Tiptree Hall, Essex, and report upon the practicability of carrying into effect a complete distribution of the liquid manure over the farm and gardens. The favourable Report



which they presented, (a copy of which is annexed, Appendix No. 1.) induced the Committee to give directions for carrying their suggestions into effect, on that portion of the farm and gardens lying to the south of the Asylum. The Steam Engine is now erected, most of the Iron Pipes are laid down, and in a short time the works will be completed. Your Committee confidently anticipate the most beneficial results, from the mechanical application of the abundant supply of manure, in the cultivation of the ground.

The Farm continues to be a most valuable auxiliary to the Asylum; under the able management of Mr. HENDERSON, its resources are constantly available for domestic purposes, thereby keeping down the maintenance rate, and affording comforts to the aged and infirm, which could not otherwise be readily obtained; while the occupation and amusement, which is afforded to the Patients willing to work, can only be appreciated by those who are acquainted with an Asylum of such magnitude.

By the returns obtained from the Unions and Parishes of the County, at the close of 1852, of Patients chargeable to them on the 31st of December, under the 47th section of the 8 and 9 Vict., c. 126, it appeared that there then were 2,432 Lunatics and Idiots chargeable to parishes in the County of Middlesex; of these 1,087 were in this Asylum, in addition to 6 Criminal Lunatics, and 838 in the Hanwell Asylum, in addition to 8 Criminal Lunatics—342 Males and Females were in workhouses and with friends, and 165 Males and Females in Asylums belonging to other Counties, or in Licensed houses: thus shewing that for the Pauper Lunatics of the County the Court had made ample provision. But there were 214 County Patients, and 79 Patients adjudged



since their admission to belong to parishes in other Counties, making 293 ; these Patients have hitherto occupied the room at the two Asylums, while the parish cases have been sent to licensed Houses. The recently passed Lunatic Asylums' Act enables the visitors to reverse this order of proceeding, should they deem it right to exercise the power vested in them. All the parishes will then participate in the benefits of the Asylum, and the whole County contribute to the increased rate charged at private establishments.

Your Committee will now also, under the powers contained in the new Act, be enabled to remove to the Asylums of other Counties Patients who may, from time to time, be adjudged to belong to Parishes in those Counties : thus it is hoped, there will always be room for recent cases, and for the reception of Patients adjudged to Parishes in this County.

The Asylum is usually quite full. The number of Patients therein on the 31st December last was—Males, 505 ; Females, 728 ; total 1,233 ; being rather less than the complement ; several Patients having been discharged recovered at the Meeting held on the 28th.

There are seldom any vacancies, and when they do occur, there are usually several applications for admission of recent cases, or there are names of Patients on the Books for removal thither from licensed Houses. This observation applies particularly to the Female side, although the Committee, originally caused the Asylum to be constructed for a greater proportion of Females than Males,—viz., 520 Males and 735 Females.

During the past year 392 Patients have been admitted,—



namely, 254 Males and 138 Females. The deaths during the Spring were more than the average, on the Male side; but during the year the number has not been more than might have been expected, considering the state in which many are sent to the Asylum.

On the Female side, the mortality has not been greater than in former years.

The total number of deaths is 208,—namely, 135 Males and 73 Females.

The discharges of Patients recovered during the year have been—100 Males and 42 Females—a number which, if not equal to our benevolent desires, is beyond what might have been expected, and exceeds that of last year by 10 cases.

The casualties during the year have been numerous; and in one instance called for an explanation from the Secretary of State, Lord Palmerston. The Coroner's jury, however, in that, and all other cases, returned a favorable verdict, and acquitted the Officers and Attendants of any culpable neglect.

The recommendations of the Home Office, and the suggestions of the Commissioners in Lunacy, have led your Committee carefully to investigate the supervision of the Wards and the efficiency of the Medical Staff. The result has proved to them the necessity of appointing an Apothecary for each side of the Asylum, in addition to the Dispenser for the general purposes of the Establishment. At the opening of the Asylum, a Head Attendant was appointed for each Department, whose duties were, and still are, strictly confined to perambulating the Wards, watching over the Patients,



and seeing that the Attendants, both in word and act, carry into effect the kind and amelioratory directions laid down for their guidance in the Rules and Regulations of the Asylum.

The number of escapes during the year have been only 17, a small number when the open state of the Grounds is considered. The Patients were soon traced, and in a short time brought back to the Asylum.

Under the care and attention of the Medical Officers, aided by the Matron and Steward, the general management of the Establishment continues to be satisfactory. The Visitors have met in General Committee at the Asylum regularly every fortnight throughout the year, and the House Committee in each alternate week. The quarterly inspections of all the Patients as required by the 8 and 9 Vict. c. 126, s. 45 have been duly made, and also the first of the inspections, directed by the recent Lunatic Asylums Act to be made once in every two months. Your Committee have pleasure in stating that at these visits, as well as on other occasions when the Wards have been inspected by individual Members of their Body, they have found them clean and orderly, the food good and properly cooked, the Patients well clothed, and the routine of domestic duties carefully and efficiently performed by the Attendants and Servants. Many of the Patients (as will be seen in the statement of Patients occupied, in the Appendix, and in the Matron's Report) are usefully and regularly employed to assist in the Kitchen, Washhouse, and various household occupations.

The duties of the Chaplain continue to be faithfully performed; his intercourse with the Patients seems, in many cases, to be duly appreciated; while the services in the



Chapel are attended by many with feelings of deep interest and solemnity.

During the past year the Asylum has lost the services of Mr. JEAFFRESON, the Accountant. The ability and labour with which, at the opening of the Establishment, this gentleman overcame all the difficulties of his arduous office, received, as they deserved, the high approbation of the Committee.

Mr. CHANY, long known for the able manner in which he discharged his important parochial duties at Islington, has been appointed to succeed the late Accountant.

The Male Attendants have for some time worn a plain uniform, made up at the Asylum; and recently a dress has been provided for the female Attendants, whereby neatness and respectability of appearance have been secured.

It is with pleasure that the Committee are enabled to record their opinion that the Patients have generally been kindly and carefully treated. Their bodily condition, in almost every case, has, since admission, greatly improved.

It is the constant practice of the Committee, when a recovered Patient is brought before them to be discharged, to ask the question,—“How have you been treated by the Attendants?” to which the almost invariable replies are—“very kindly”—“most kindly”—“nothing to complain of.” Some few have even expressed regret at being obliged to leave the Asylum; many of them having to return to their families and share their privations. It is on such occasions as these that the aid afforded by the Victoria Fund becomes invaluable; the £200 a year, placed at the disposal of your



Committee by the Trustees of the Adelaide Fund, enabling them to relieve the necessities of the most indigent.

During the year two Entertainments have been given to the Patients,—one in the month of July, in the grounds of the Asylum, when nearly 2,000 Visitors and Friends of the Patients attended; at this entertainment games of a diverting character were introduced. It was not easy to determine, on this joyous occasion, who participated most in the pleasures afforded—the Company who witnessed this display of mirth and cheerfulness, or the Patients for whose gratification and alleviation it had been provided. The Winter Entertainment took place in the Exercising Hall of the Asylum, when, through the kindness of Mr. WOODWARD, one of the Committee, the Patients were amused with Dissolving views, and the Chromatope; Dancing and Singing afterwards took place, cake and fruit were distributed to them, and at half-past nine they all dispersed to their wards, much pleased with their Entertainment, and (as reported afterwards by the Officers) the night was passed without the least excitement arising from their amusements.

In the latter part of the Summer, the Committee, acting upon the advice of their Medical Officers, in order to guard against attacks of the Dysentery and Diarrhœa prevalent at that season, made a change in the Dietary, by substituting Cyder for Beer, and Rice and solid food for Vegetables and Soup. This change produced the most satisfactory results; illness among the Patients, either from Dysentery or Diarrhœa, having been much below the usual average. Your Committee subsequently, upon the suggestions of the Commissioners in Lunacy, set apart a Ward for Cholera cases, which, happily, has not hitherto been required.



In consequence of the great rise in the prices of all provisions and stores, the Contracts entered into by your Committee for supplies for the first half of 1854 have been at much higher rates—(for example, Flour, charged at £1 19s. per Sack in the last Contract, is now contracted for at £3 2s.),—they have, therefore, found it necessary to raise the Weekly Maintenance Rate; but notwithstanding the great difference in the Contract prices (as may be seen at the end of this Report), your Committee have found that an increase in the Rate of 7d. per Patient per week will be sufficient to cover the expenses of the current Quarter. The smallness of this increase has been occasioned by several circumstances—a rigid attention to economy has been exercised in all departments—advantage has been taken of favorable opportunities for procuring Stores, &c., of which the consumption is large and certain—while the Farm, as before mentioned, now supplies many articles of provision. The rate, therefore, from the 1st January, 1854, is 9s. 4d. per week for each Patient of this County, and 14s. per week for each Patient of other Counties.

The provisions of the new Lunatic Asylums' Act, whereby Committees of Visitors are enabled to remove Patients from one Asylum to another as well as from licensed Houses,—to charge the expenses of Patients on their discharge, death, or removal, to the Parish or County,—to compel Parochial Officers to provide for discharged Patients, &c. (suggested by the Committee, see Appendix, No. 5 to last year's Report), are very valuable, and tend to relieve Committees of Visitors generally from much difficulty. Some additions or alterations, however, are still wanted; and your Committee trust that these will be supplied in the ensuing Session of Parliament; for example, Sect. 53 of the new Act enacts that the Committee of Visitors of every Asylum already established,



*the Rules of which have not already been submitted to the Secretary of State*, and of every Asylum *hereafter* to be established, shall submit General Rules to the Secretary of State for approval, which, when approved, shall be printed, abided by, and observed. Now it will be seen that the case of an Asylum like this, where General Rules have (under the 8th and 9th Vict., c. 126) been approved by the Secretary of State, is entirely unprovided for; for the Act does not confirm them, and it is doubtful indeed whether they may be considered valid and in force since the repeal of the Act under which they were made, if they do not fall within the proviso in section 1 of the new Act. This omission is the more unfortunate, from the circumstance that the same Section goes on to provide that every SUCH Committee (*i. e.* of an Asylum whose Rules have not previously been approved, or of an Asylum *hereafter* to be established) may determine upon the number of beds which may be reserved for certain cases, and may exclude from admission into their Asylum persons afflicted with any contagious or infectious disease or malady, or coming from a neighbourhood in which such may be prevalent.

Another omission occurs in the 80th Section. This Section enacts that Visitors may require Parish or Union Officers to remove Lunatics upon their discharge, to the Workhouse, at the cost of the Parish or Union,—there they may be provided for. But no provision is made for County Patients, and it would be very advisable, your Committee suggest, that some power be given to Visitors to remove County Patients to the Workhouse of the Parish from which they were originally sent to the Asylum, and to order the County Treasurer to defray the costs of such removal.

It is very desirable also that the 107th Section should be extended, so as to provide that the party obtaining the order



of adjudication of a patient's settlement in another Parish, or to the County, should be required to furnish the Clerk of the Asylum with a copy of that Order, so that the Clerk might charge for the Patient's maintenance accordingly ; also, that in case of appeal against any such Order, the appellants should give notice thereof to the Clerk ; and when the appeal is decided, that the party in whose favor the same is decided should notify the result to him.

For a more detailed statement as to the Farm, the Accounts, the Medical condition of the Patients, and for the General Tables, your Committee refer to the several reports presented by the Officers of each department ; while, in conclusion, they assure the Court, that however anxious the charge, and laborious the duties which have devolved upon them, they have been amply repaid by the opportunity afforded of mitigating the sorrow and relieving the affliction of the most helpless and distressed of their fellow creatures.

All which is submitted, &c.,

HENRY POWNALL,  
*Chairman.*

*Colney Hatch Asylum,*  
11th Jan., 1854.



# *CONTRACT PRICES of the Principal ARTICLES OF CONSUMPTION in each Half-year, from the opening of the Asylum to the present time.*

	To 31st December, 1851.	To 30th June, 1852.	To 31st December, 1852.	To 30th June, 1853.	To 31st December, 1853.	Present half- year to 30th June, 1854.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Ox Beef .....	0 5 4	0 5 0	0 5 2	0 6 0	0 6 4	0 6 7
Mutton .....	1 12 0	1 8 0	1 12 0	1 18 0	1 19 0	3 2 0
Flour.....	2 15 0	2 16 0	2 18 6	3 0 0	3 2 0	3 13 0
Malt.....	2 9 6	2 3 0	2 6 0	2 9 0	2 18 0	3 2 0
Cheese .....	3 16 0	3 12 0	3 7 6	3 19 6	3 19 0	4 11 0
Butter .....	1 19 0	1 14 6	1 14 6	1 14 0	1 12 0	1 13 0
Sugar, raw .....	2 9 6	2 5 0	2 5 0	2 4 0	2 2 0	2 5 0
Sugar, refined .....	0 0 0	0 16 0	0 16 0	0 17 0	0 17 0	1 1 0
Coals, Silkstone .....	s. d. 9 11	s. d. *9 4	s. d. *8 5½	s. d. 8 9	s. d. 9 4	s. d. 9 4
Weekly Maintenance Rate per Patient.....		†8 5½	†8 2			

\* First three months.

† Second three months.

JOHN S. SKAIFE,

*Clerk to the Visitors.*



## APPENDIX No. 1.

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*24th August, 1853.*

THE Steward and Engineer of the Asylum have at length the pleasure to submit to the Committee of Visitors their Report upon the most advantageous method of applying the Liquid Manure, derived from this extensive Establishment, to the purposes of Agricultural production. It is accompanied by an accurate Plan of the Grounds of the Asylum on which the pipes and apparatus are laid down, shewing the means by which it is proposed to distribute the Liquid Manure, together with a detailed estimate of the whole cost of application.

In preparing this Report upon the distribution of our hitherto unappropriated Manure, some considerable delay has occurred; but it has been deemed very important, before any recommendation should be submitted to the Committee, upon a subject involving the expenditure of so large a sum of money, that they should be in possession of the best information which practical experience could suggest, and be enabled to present to the Committee the most economical yet perfect plan of operation.

The first step taken by the Steward and Engineer towards the fulfilment of this object, was to visit the Farm of Mr. Mechi, at Tiptree Hall, who was good enough to explain to them the mode of distribution which he had adopted with such evident success, to point out to them the difficulties



which he had in the first instance to encounter, the way in which he had overcome them, and the several improvements which two years experience had suggested. Indeed, they feel themselves very much indebted to Mr. Mechi's kindness and great practical knowledge for the very valuable information which they derived from their visit to Tiptree.

The method which Mr. Mechi has adopted, is by pressure through Cast Iron Pipes, laid down at certain intervals ; and this appears the best method that has yet been brought into practice. The Steward and Engineer consider that, with a perfect knowledge of Mr. Mechi's plan, and the improvements which both he and others have found it necessary to introduce before they could pronounce the scheme effective, together with the suggestions which have been obtained from various sources, they are in a position to present to the Committee such a detailed plan for the effectual distribution of the Liquid Manure, as may be thought worthy the attention of the Committee, and will, they anticipate, if carried out, eventually afford the most gratifying results.

The Engineer's attention has, of course, been especially directed to the selection of a Steam Engine suitable for working the pumps at the tank, and he has seen many which have been considered eminently adapted for this purpose.

Before recommending to the Committee the selection of any particular engine, one important point has been observed, viz.—that the more simple in construction the Engine may be, and the less attention she requires, (provided she performs her work in a perfectly satisfactory manner), the more deserving is she of notice, and the better suited to our purpose.



The whole time and attention of the man who will have the charge of the Engine, under the direction of the Engineer, will not, it is hoped, be entirely consumed in this duty ; nor is it necessary that a person should be employed who has previously had any knowledge or experience in working a Steam Engine ; but, with every proper regard for safety and economy in wear and tear, it is proposed that some man who is employed upon the Farm, and who, when the Engine is not at work, may be otherwise occupied with advantage, shall have the care of the Engine, of course at a reduced rate of wage to what Engine Drivers usually receive.

If this suggestion is approved by the Committee, simplicity in the construction of the Engine must be regarded as a very essential feature.

Having considered this important point, and the advantages possessed by the several Engines which have been brought under the notice of the Steward and Engineer, they have determined to recommend to the Committee a high pressure Engine of eight horse power, manufactured by Messrs. Want and Venum, of the Atlas Works, Southwark, which may be seen at work upon their premises.

The peculiar advantages, which the Engineer considers this Engine to possess, are, that from her very simple construction she would be subject to but little wear and tear, she would require not much skill to work, and has but one handle by which she is put in motion, reversed or stopped. She also possesses one other especial recommendation, and for which a patent has been obtained by the Inventors, viz., the absence of a slide valve, which is perhaps one of the most intricate parts of an Engine, and most liable to get out of order.



This Engine is furnished with three Drums for the purpose of driving other machinery, which will be found very useful for Chaff and Turnip cutting, Bone crushing, Sawing or Turning.

The cost of the Engine is £190, this includes Boiler and all other necessary fittings, but exclusive of Brickwork and fixing. This additional expense is estimated at £20 making the total cost of the Engine £210.

The next item of cost for the consideration of the Committee is for the pumps required to raise the Liquid Manure.

The Engineer has seen several good pumps of recent invention, and amongst others one which is manufactured by Messrs. Burgess and Keys, of Newgate Street; it is, however, at present only constructed for hand power. Application has been made to the inventors, to carry out their principle for steam power, and to forward the necessary estimate; but no reply has yet been received.

The Engineer has prepared a plan for the pumps, according to the best principle which he has seen, and has estimated the cost at £60.

The Engine and Pumps must, of course, be under cover, and it will therefore be necessary to erect a Shed contiguous to the Manure Tank, estimated at a cost of £40. A plan is also submitted of this Shed.

A Cistern for the supply of water to the Engine, and for clearing the mains, must be provided, which, together with the necessary pipes, will entail a cost of £15.



The most important item of expenditure, and certainly the one upon which our future success chiefly depends, is for the necessary cast iron pipes, which are to convey the Liquid Manure from the Tank to the various points described, upon the Plan, for distribution by the hose.

Upon Mr. Mechi's Farm at Tiptree, Mr. Littledale's at Birkenhead, and upon others where this new principle of manuring was first attempted, pipes of 3 inches diameter only have been used for the main at the tank to the discharging hydrant; this gauge of pipe, has, however, been found inefficient, and Mr. Mechi has strongly recommended that 4 inch pipes should be used for the mains, when any great distance has to be traversed, as the friction will thus be materially reduced, and the power required to force the manure to a distant hydrant proportionally lessened.

The direction, which it is considered necessary these pipes should take for the proper and thorough distribution of the manure, will be found accurately laid down upon the Plan. The main lines requiring 4 inch pipes are distinguished by a blue line, and those of 3 inch diameter by a red line.

Upon large and compact farms it has hitherto been the custom to apportion an average of ten acres to one hydrant; but Mr. Mechi informed us, that could he in the first instance have had the benefit of recent experience, he should have introduced a hydrant for every six acres. It will be seen by the Plan that twenty-three hydrants are proposed to be fixed, each to serve, on an average, *five* acres. This increase is occasioned by the peculiar situation of our ground, which cannot be estimated for upon any fixed principle. For instance, it will require three hydrants to serve the Kitchen



Garden, an area of only eight acres ; the front grounds will also require five, which would have been equally as efficient, if the distance from the North wall to the building had been half as far again.

For the purpose of framing an Estimate of the whole cost of the undertaking, upon which the Committee could with safety depend, Estimates have been procured from Iron Merchants for the Pipes and necessary Apparatus. The Steward and Engineer regret to say that, in consequence of a very recent advance in Iron, the lowest price at which the Iron is now offered is £7 10s. per Ton. The Merchants will only abide by this price for the current week.

Upon reference to the Plan it will be seen that it is proposed to introduce 4-inch pipes upon three principal Lines, for a distance in the aggregate of 1,695 feet, equal in weight to 16 tons 3 cwt., which, at £7 10s. per ton, will cost £124 2s. 6d.

The quantity of 3-inch pipes required by the Plan will be 10,415 feet, or 60 tons 9 cwt., which, at £7 10s per ton, will amount to £453 7s. 6d.

In order to place the front grounds of the Asylum under the same operation of manuring as the Farm, it has been found necessary to lay down pipes on either side of the Building, that is east and west. The distance which would be traversed by the Manure, and the winding route by which it would be conveyed (were one line of communication only adopted), the Engineer considers would be too much for the pumps, and that it could not be so conveyed with safety and effect.



This causes a véry considerable increase on our Estimate for Iron.

The Hydrants which are represented upon the Plan by small circles at the extremity of each red line, will be 23 in number ; to these are fixed the Gutta Percha Hose for distributing the liquid ; they are made upon an improved principle, and will cost much less than the old plan of Sluice Cocks and Fire Plugs. £24 is named for this expense.

Six Stopcocks will be fixed near the Tank to prevent the Manure being forced into any other direction than the one in which it is required. The cost of these, about £2 10s. each, will be £15.

Twenty-two **T** pieces will be required for the various branches, to shut off communication with any Hydrant but that to which the hose is for the time attached. The cost of these, at about 10s. each, will be £11.

At different lengths of Pipe, where the Line is curved, bends will be required, say 100 feet in all, at a cost of £24.

The Jets and Unions will be about £2.

It is estimated that 150 yards of Gutta Percha Hose will be required ; 75 yards of 2-inch, at 2s. 6d. per yard, and 75 yards of 1½ inch at 2s., making together £16 7s. 6d.

When Mr. Mechi first commenced his system of distribution at Tiptree, and, as he then considered, had effectually overcome all difficulties, he found, that after having pumped the liquid out of his Tank for some considerable time,



the Manure, which was then remaining in the Tank, had collected at the bottom in almost a solid mass, rendering it an impossibility to force it through the pipes. He therefore introduced an apparatus which forces air into the very centre of the Tank during the time the Pumps are at work, and which continually agitates the Manure, preventing that substantial deposit which had previously accumulated at the base of the Tank.

This Apparatus, with the necessary Pipes complete, will cost about £15.

The labour necessary in laying down and fixing the Pipes must next be considered. It is estimated that the lead and yarn required for jointing will cost about £15; the labour, after deducting such assistance in opening and filling the Trenches as our *own unpaid labour* will supply, will be about 1d. per foot, say £50, which, with the £15 for lead and yarn, amounts to £65.

The estimate for Iron includes all charges for carriage, &c., until delivered at Colney Hatch Station.

It has been already mentioned that the Engine is fitted with Drums for the purpose of driving any machinery which may at any time be required; and if the Committee accede to the proposition that this inexpensive power should be applied to the various machines for cutting fodder, &c., some sort of Shed must be erected for the purpose. Upon the plan of the Engine Shed, to which the attention of the Committee has already been directed, it will be seen that a second Shed has been proposed, which it is considered would be applicable to the purpose; and it is *also* proposed, in order to make the



waste steam from the Engine of some service, and save the consumption of fuel, which now takes place, for warming the food for the Cattle in Coppers, that cast iron Pans should be fixed, to which Pipes conveying the waste steam should be attached. The food can then be prepared without any cost for firing.

The additional cost of this Shed would be £50.

The total estimate of the cost of the undertaking will therefore be £1,071 17s. 6d. If the shed last mentioned be erected, £50 more will be expended ; and it is perhaps good policy to add a per centage of  $2\frac{1}{2}$  upon the whole, for contingencies, say £28, making a grand total of £1,149 17s. 6d.

The Steward and Engineer have prepared this Estimate, with a desire to place before the Committee every expense that they conceive it will be necessary to incur ; they have been liberal both in material and price, but they think that it is their duty, in framing an estimate for really working purposes, to feel that they are justified in assuring the Committee, that the sum which they have named for the undertaking, shall not be exceeded when the whole of the work is completed.

It will be for the Committee to determine whether that estimate can with safety be reduced.

The Committee will no doubt consider the estimated amount of £1,149 17s. 6d. a very heavy amount to expend for Manure ; but it must be remembered that the price of iron has advanced at such an exorbitant rate, since the application of Liquid Manure was first introduced upon the various



experimental farms, from whose data we have been enabled to prepare our plans of operation, that it is not possible to draw any fair comparison. As an instance of this, it may be mentioned, that at the time Mr. Mechi purchased the Pipes for his experiment at Tiptree (not two years since), iron was at such a reduced price, that were we to estimate the quantity of Pipes we now require at the price which Mr. Mechi paid for his, it would reduce our Estimate by no less a sum than £241.

Among the Estimates, which have been published, of the various expenses attending the successful application of Liquid Manure, it will be found that in every instance a *proportion only* of the cost of the Steam Engine has been debited to this particular object; because the power which they are able to obtain from the Steam Engine, applicable to so many agricultural requirements, is so very valuable, and such an immense saving of both manual and animal labour, that they can, without any fear of contradiction, appropriate by far the greater cost of their Steam power to other purposes than the distribution of their Liquid Manure. For instance, in the Estimate for the Duke of Sutherland's Home Farm, near Trentham, only one-sixth cost of the Steam Engine, £43 13s. 4d., is charged to irrigation. At Mr. Neilson's farm, near Liverpool, a proportion of £22 4s. 6d. only is charged in an estimate of £520, and at Mr. Little-dale's farm £60, in an estimate of £672.

It is contemplated that our Engine will certainly never be required to work more than three days in the week for pumping the Manure; but at the same time it must be remembered that we have no thrashing machine to drive, no water to pump, or other expensive labour to curtail,



which is incurred by most agriculturists, and that although we may make the Engine useful in many ways, still it will virtually be erected for the purpose of pumping the Liquid Manure, and for that purpose only, and therefore its whole cost has in this instance been charged to that account.

In conclusion, the Steward and Engineer beg to assure the Committee, that they have given the subject their most serious and careful consideration, since it was first entrusted to them for report; and that the Plan and Estimate, which they have now the honour to submit to the Committee, are the best which their judgment has enabled them to prepare: and they will add, that if this plan is approved by the Committee and entrusted to their officers to carry out, they are convinced it will answer every purpose for which it was required; and, in time, will make a handsome return for the large expenditure of money, which the satisfactory completion of so large an undertaking will of necessity involve.

GEORGE H. HENDERSON.  
STEPHEN HOLMAN.



## Colney Hatch Lunatic Asylum.

*Return of Patients annually admitted into the Asylum, from its opening on the 17th July, 1851, to the 31st December, 1853, distinguishing the Admissions, Discharges, Deaths, and those now remaining in the Asylum.*

T O T A L.																Remaining in Asylum 31st December, 1853.							
Admitted.				Discharged.				Died.				Males.			Females.			TOTAL.					
				Cured.		Relieved or not Improved.		Males.		Females.											TOTAL.		
Year ending Dec. 31st.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.					
1851	411	669	1080	53	69	122	13	17	30	116	108	224	229	475	704								
1852	354	270	624	78	45	123	38	25	63	112	42	154	126	158	284								
1853	254	138	392	47	16	63	15	11	26	42	16	58	150	95	245								
	1019	1077	2096	178	130	308	66	53	119	270	166	436	505	728	1233								

18th January, 1854.

Thos. H. CHANY, Clerk of the Asylum.



# Middlesex County Lunatic Asylum, Colney Hatch.

THE ESTABLISHMENT—31st December, 1853.

## OFFICERS.

Resident Medical Officers,—	£	s.	d.		£	s.	d.
Male Department	200	0	0	+Engineer .....	109	4	0
Female do.	200	0	0	Matron .....	150	0	0
+Chaplain .....	200	0	0	Deputy Matron.....	35	0	0
*Clerk to Committee of Visitors	100	0	0	Housekeeper.....	30	0	0
*Clerk of the Asylum.....	200	0	0	Superintendent of Work Ro m	25	0	0
*2 Assistant Clerks, at £70 ..	140	0	0	" Laundry ..	25	0	0
Steward .....	150	0	0	Schoolmistress .....	25	0	0
*Steward's Clerk.....	70	0	0				
Assistant Storekeeper .....	30	0	0				
Apothecary .....	100	0	0				
Dispenser.....	75	0	0				
					<u>£1,864</u>	<u>4</u>	<u>0</u>

## SERVANTS—MALE.

1 Head Attendant .....	at £36	0	0	per Annum .....	£36	0	0
10 Attendants .....	at 31	0	0	" .....	310	0	0
1 " .....	at 33	0	0	" .....	33	0	0
7 " .....	at 30	0	0	" .....	210	0	0
1 " .....	at 26	0	0	" .....	26	0	0
25 " .....	at 25	0	0	" .....	625	0	0
1 Undertaker and Messenger	at 31	0	0	" .....	31	0	0
1 House Porter.....	at 25	0	0	" .....	25	0	0
*2 Attendants (Garden) ....	at 1	0	0	per Week .....	104	0	0
†1 Gate Porter .....	at 1	0	0	" .....	52	0	0
*1 Gasman .....	at 1	3	0	" .....	59	16	0
*1 " .....	at 1	0	0	" .....	52	0	0
*1 Stoker.....	at 1	0	0	" .....	52	0	0
*3 " .....	at 0	18	0	" .....	140	8	0
*2 " .....	at 0	15	0	" .....	78	0	0
*1 Porter (Store room) ....	at 0	18	0	" .....	46	16	0
*1 Coal Carrier .....	at 0	16	0	" .....	41	12	0
*2 " .....	at 0	15	0	" .....	78	0	0
*1 " .....	at 0	14	0	" .....	36	8	0
*1 Brewer .....	at 1	4	0	" .....	62	8	0
*2 Shoemakers {1 at 1 3 0}				" .....	106	12	0
{1 at 0 18 0}							
†1 Baker .....	at 1	4	0	" .....	88	8	0
*1 Assistant to ditto .....	at 0	10	0	" .....			
*3 Tailors {1 at 1 1 0}				" .....	148	4	0
{2 at 0 18 0}				" .....	65	0	0
*1 Upholsterer .....	at 1	5	0	" .....	31	4	0
*1 Labourer (Airing Courts) at 0 12 0				" .....	39	0	0
*1 " (Cleaning Vegetables) at 0 15 0				" .....	46	16	0
†1 Cowman.....	at 0	18	0	" .....	36	8	0
*1 Assistant ditto.....	at 0	14	0	" .....	36	8	0
*1 Farm Labourer.....	at 0	14	0	" .....	93	12	0
*3 " .....	at 0	12	0	" .....	130	0	0
*1 Gardener .....	at 1	0	0	" .....			
*2 Ditto .....	at 0	15	0	" .....	78	0	0
*2 Carters {1 at 0 16 0}							
{1 at 0 14 0}							

£2,999 0 0

## SERVANTS—FEMALE.

1 Head Attendant .....	at £20	0	0	per Annum .....	£20	0	0
4 Attendants.....	at 18	0	0	" .....	72	0	0
4 " .....	at 17	0	0	" .....	68	0	0
29 " .....	at 16	0	0	" .....	464	0	0
18 " .....	at 15	0	0	" .....	270	0	0
2 Housemaids .....	at 14	0	0	" .....	28	0	0
2 Kitchenmaids .....	at 13	0	0	" .....	26	0	0
1 Head Laundry Maid.....	at 20	0	0	" .....	20	0	0
10 Laundry Maids.....	at 14	0	0	" .....	140	0	0
*3 " .....	at 0	9	0	per Week .....	70	4	0
*3 " (Foul Laundry) at 0 12 0				" .....	93	12	0
1 Cook.....	at 20	0	0	per Annum .....	20	0	0

78 Females .....	£1,291	16	0
85 Males .....	2,999	0	0
19 Officers .....	1,864	4	0

182

£6,155 0 0

\* Neither Boarded nor Lodged.

† Lodged only.

THOS. H. CHANY, Clerk of the Asylum.



# Middlesex County Lunatic Asylum, Colney Hatch.

## ACCOUNT CURRENT for the Year ending 31st December, 1853.

1853. Jan. 1 Dec. 31	£ s. d.	£ s. d.	1853. Dec. 31	£ s. d.	£ s. d.	£ s. d.	£ s. d.
To Balance of Cash .....			By Cash paid on account of Maintenance of Patients, &c.—				
Cash received from Parishes for Maintenance of Patients ....	26,324	1	For Provisions .....	13,862	7	4½	
Ditto from County Treasurer for County ditto .....	2,946	17	House and other expenses .....	5,192	13	0	
			Clothing .....	1,145	16	11	
			Medicines .....	838	7	3	
Ditto from ditto on account of the Ordinary Repairs of the Asylum .....			Salaries .....	1,810	7	11	
Ditto from Great Northern Railway Company, for Gas and Water supplied to the Station			Wages .....	3,998	3	2½	
			Incidentals .....	5,808	11	1½	
				259	17	6	
			By Cash paid on account of the Ordinary Repairs of the Asylum...				27,107 13 2
			By Cash paid to County Treasurer, balance of amount advanced by him				2,245 3 3
			By Cash paid R. C. L. Bevan, Esq., the Treasurer of the Asylum, amount advanced by him .....				1,040 16 10
			By Balance of Cash this day ..	1,000	0	0	
			Petty Cash ..	1,128	13	3	
				291	2	11	
							1,419 16 2
							£32,813 9 5.

Submitted to the Committee of Visitors,  
18th January, 1854.

Examined by the Committee of Accounts,  
18th January, 1854.

HENRY POWNALL, CHAIRMAN,

BENJAMIN JNO. ARMSTRONG.  
JOSH. BAXENDALE.



# Middlesex County Lunatic Asylum, Colney Hatch.

RETURN of the Average Number of OFFICERS, &c. boarded at the Expense of the Establishment during the Year ending 31st December, 1853.

DESCRIPTION.	QUARTERS ENDING				YEAR ENDING 31st December.
	31st March.	30th June.	30th September.	31st December.	
Officers .....	6	6	7	8	7
Families of ditto .....	..	..	..	1	..
Servants of ditto .....	..	..	..	..	..
Attendants { Male ..	42	43	45	46	44
{ Female	51	51	50	54	52
Servants.. { Male ..	3	3	2	2	2
{ Female	12	12	14	15	13
Patients.. { Male ..	512	495	516	514	509
{ Female	732	734	733	733	733
Total .....	1,358	1,344	1,367	1,373	1,360

THOS. H. CHANY,  
*Clerk of the Asylum.*

18th January, 1854.







INCOME AND EXPENDITURE January to 31st December, 1853.

*Average Weekly Expenditure for each Patient from Weekly Rate.*

18th January, 1854.







Middlesex County Lunatic Asylum, Colney Hatch.

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BALANCE SHEET for the Year ending 31st December, 1853.

Gr.

1853.		1854.		1855.	
£	s. d.	£	s. d.	£	s. d.
Dec. 31	To Balance of Cash this day (see account current) .....	1,419	16	2	
	To Amount due for Maintenance, &c., of Patients from Parishes in the County .....	6,412	12	3½	
	Do. other Counties .....	353	15	11	
	Do. County Treasurer .....	722	16	7	
		<u>7,489</u>	4	9½	
	To amount due from County Treasurer for ordinary Repairs of the Asylum .....	544	12	11½	
	To amount due from Great Northern Railway Company for Gas and Water supplied to the Station ..	27	19	0	
		<u>£9,481</u>	12	11	

*Submitted to the Committee of Visitors,  
18th January, 1854.*

*Examined by the Committee of Accounts,  
18th January, 1854.*

HENRY POWNALL, *Chairman.*

BENJN. JNO. ARMSTRONG.  
JOS. BAXENDALE.  
HENRY WARNER.



# Middlesex County Lunatic Asylum, COLNEY HATCH.

## FARM AND GARDEN ACCOUNTS.

*Abstract of Receipts and Payments from 1st January to 31st  
December, 1853.*

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
To Sale of—			By Cash for—		
6 Cows .....	71	0 0	11 Cows and 1 Bull .....	280	0 0
10 Calves .....	12	0 0	129 Pigs .....	187	9 9
18 Pigs .....	39	14 0	98 Sheep .....	149	8 8
Pork .....	2	3 0	Poultry .....	4	5 3
Offal and Hides .....	12	1 5	Hay, Corn, Straw, Turnips, Oil Cake, &c. ....	730	19 3
Sundry Receipts, Ashes, &c.	45	1 6	Meal, &c., for Pigs . ....	79	6 0
Balance .....	1,688	0 7½	Implements, Harness, &c.	48	15 5
			Wages .....	380	19 11½
			Incidentals .....	8	16 3
	<u>£1,870</u>	<u>0 6½</u>		<u>£1,870</u>	<u>0 6½</u>

THOS. H. CHANY,  
*Clerk of the Asylum.*

### Valuation of Stock on Farm.

1st January, 1853.	£	s. d.	31st December, 1853.	£	s. d.
18 Cows and 1 Bull .....	318	0 0	16 Cows and 1 Bull .....	365	0 0
106 Pigs .....	122	3 0	96 Pigs .....	177	15 0
7 Horses .....	183	0 0	7 Horses .....	197	0 0
Implements and Harness..	198	14 0	Sheep .....	180	0 0
Increased value of Stock on 31st December, ....	483	10 0	Implements, Harness, &c.	231	12 0
			Hay .....	150	0 0
			Wool .....	4	0 0
	<u>£1,305</u>	<u>7 0</u>		<u>£1,305</u>	<u>7 0</u>



[illegible]



# Middlesex County Lunatic Asylum,

## COLNEY HATCH.

*Average Number of Male Patients Employed and estimated Value of Labour, for the Year 1853.*

Average No.	Occupation.	Rate per Day.	Estimated Value of Labour.		
			£	s.	d.
63	Garden and Grounds . . . . .	4d.	327	12	0
18	Tailors . . . . .	as per Return.	268	0	3
13	Shoemakers . . . . .	"	146	4	0
10	Carpenters . . . . .	6d.	78	0	0
4	Painters . . . . .	6d.	31	4	0
7	Upholsterers . . . . .	6d.	54	12	0
1	Cooper . . . . .	6d.	7	16	0
4	Bakers . . . . .	4d.	20	16	0
3	Brewers . . . . .	4d.	15	12	0
4	Kitchen . . . . .	4d.	20	16	0
2	Mess Room . . . . .	4d.	10	8	0
2	Laundry . . . . .	4d.	10	8	0
4	Coal Porters . . . . .	6d.	31	4	0
1	House Porter . . . . .	6d.	7	16	0
1	Gate Porter . . . . .	6d.	7	16	0
1	Stores . . . . .	9d.	11	14	0
1	Supernumerary . . . . .	4d.	5	4	0
99	Helpers in Wards . . . . .	2d.	257	8	0
10	Ditto in Corridors and Centre Building . . . . .	2d.	26	0	0
248	TOTAL . . . . .	..	£1,338	10	3

GEORGE H. HENDERSON, *Steward.*

# Middlesex County Lunatic Asylum, Colney Hatch.

## SHOEMAKER'S SHOP.

### Account of Patients' Work and Earnings for the Year 1853.

Articles made up.	No. of Articles.	Price of Work per Article.		Value of Work.		REMARKS.
Men's Leather Boots .....	5	s.	d.	£	s. d.	Average Number employed—13. Average Hours per day employed—5.  The Patients which have been employed in this Shop during the last year, have been few in number, and very inferior as workmen, compared with those of the preceding year.
" " Shoes .....	1	3	6	0	17 6	
Women's Leather Boots.....	27	3	0	0	3 0	
" " Shoes .....	2	2	0	2	14 0	
Cloth and Canvass Boots .....	513	1	9	0	3 6	
REPAIRS.						
Boots and Shoes repaired .....	718	2	0	51	6 0	
" " " soled .....		0	8	23	18 8	
" and welted .....	1,731	1	6	129	16 6	
" locked and strapped ..	438	0	2	3	13 0	
Deduct Journeyman's Wages ....				212	12 2	
				66	8 2	
TOTAL .....				£146	4 0	GEORGE H. HENDERSON, Steward.



# Middlesex County Lunatic Asylum, Colney Hatch.

## TAILOR'S SHOP.

### Account of Patients' Work and Earnings for the Year 1853.

Clothing made up.	No. of Articles.	Prices of making per Article.	Value of Work.			REMARKS.
		s. d.	£	s.	d.	
Patients' Coats .....	91	3 0	13	13	0	Average No. Employed—18. Average No. of Hours per Day—5  The Ticken Rugs have been cross quilted on both sides, rendering them exceedingly strong, but very heavy work.
" Trowers .....	389	2 9	53	9	9	
" Waistcoats .....	171	1 6	12	16	6	
" Ticken Dresses .....	13	2 7	1	13	7	
" Rugs .....	76	8 0	30	8	0	
" Braces .....	288	0 1	1	4	0	The whole of the Clothing in use on the Male side, including Attendants' Uniforms, has been made and repaired in the Tailors' Shop.
Attendants' Uniform Coats .....	32	10 0	16	0	0	
" Trowers .....	33	5 0	8	5	0	
" Waistcoats .....	32	3 3	5	4	0	
REPAIRS.						
Patients' Coats .....	1597	0 9	59	17	9	
" Trowers .....	2687	0 9	100	15	3	
" Waistcoats .....	1126	0 4	18	15	4	
Attendants' Uniform Coats .....	23	.....	6	0	6	
" Trowers .....	36					
" Waistcoats .....	14					
Deduct Journeyman's Wages....						
			328	2	8	
			60	2	5	
TOTAL.....						
			268	0	3	

GEORGE H. HENDERSON, Steward.

# Middlesex County Lunatic Asylum, COLNEY HATCH.

*A Return of Clothing made up by the Male and Female  
Patients during the Year 1853.*

MALE.		FEMALE.	
Boots & Shoes	{ Leather. 35 Cloth . . 513	Aprons . . . . .	928
Coats . . . . .	91	Flannel Jackets . . . . .	222
Trowsers . . . . .	389	Caps . . . . .	1,197
Waistcoats . . . . .	171	Gowns . . . . .	956
Ticken Frocks . . . . .	13	Handkerchiefs . . . . .	1,430
„ Rugs . . . . .	76	Men's Caps . . . . .	681
Braces . . . . .	288	Shifts . . . . .	541
Attendants' Uniform—		Shirts . . . . .	939
Coats . . . . .	32	Shrouds . . . . .	138
Trowsers . . . . .	33	Towels . . . . .	622
Waistcoats . . . . .	32	Ticken Dresses . . . . .	76
		Stays . . . . .	33
		Table Cloths . . . . .	26
		Hoods . . . . .	136
		Sofa Covers . . . . .	30
		Cloth Boots and Shoes, Uppers. }	543
	<u>1,673</u>		<u>8,498</u>

GEORGE H. HENDERSON,  
*Steward.*



**Middlesex County Lunatic Asylum,**  
**COLNEY HATCH.**

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*A Return of Clothing delivered out for the use of the Patients  
during the Year 1853.*

	Males.	Females.
Aprons.....	154	849
Bonnets .....	..	350
Boots { Leather .....	65	574
{ Cloth .....	251	292
Braces .....	340	..
Coats .....	336	..
Day Caps.....	767	1,730
Flannel Jackets .....	142	140
Do. Drawers .....	105	..
Frocks .....	25	57
Handkerchiefs and Neckerchiefs .....	1,286	900
Hats .....	..	..
Night Caps .....	44	..
Petticoats .....	..	222
Shawls .....	..	127
Shifts .....	..	616
Shirts .....	984	..
Shoes .....	447	48
Stays .....	..	202
Stockings.....	946	877
Trowsers .....	560	..
Waistcoats .....	245	..
Womens' Gowns .....	..	1,187
	<hr/> 6,697	<hr/> 8,171

GEORGE H. HENDERSON *Steward.*



# Middlesex County Lunatic Asylum, COLNEY HATCH.

## *Return of Clothing in Store, 28th December, 1853.*

	s.	d.	£	s.	d.
354 Aprons.....at	1	0	17	14	0
116 Pinafores .....	0	9	4	7	0
62 Bonnets .....	0	8	2	1	4
206 Boots, Women's Leather .....	3	8½	38	3	11
125 Ditto, Men's „ .....	6	8	41	13	4
59 Ditto, Cloth and Canvass .....	3	9	10	1	3
8 Braces .....	3	0	0	2	4
Coats .....					
177 Caps, Men's .....	3	0	2	4	3
334 Ditto Women's .....	0	6	8	7	0
75 Jackets, Flannel .....	2	6	9	7	6
614 Drawers, Ditto .....	3	0	96	12	0
45 Frocks .....	4	0	9	0	0
287 Gloves .....	3	6	4	3	8½
887½ Handkerchiefs and Neckerchiefs „ .....	4	0	14	15	10
24 Night Caps .....	0	6	0	12	0
219 Petticoats.....	5	0	54	15	0
104 Shawls .....	4	6	23	8	0
39 Shifts .....	4	6	8	15	6
157 Shirts .....	5	0	39	5	0
195 Shoes, Men's Leather .....	4	11	47	18	9
56 „ Women's Ditto .....	3	2½	8	19	8
20 Stays, Jean .....	1	10	1	16	8
229 „ Harden .....		0	3	3	9
582 Stockings .....	5	6	13	6	9
2 Trowsers .....	8	0	0	16	0
Waistcoats .....					
39 Women's Gowns .....	5	0	9	15	0

## MATERIAL.

36½ Broad Cloth .....	4	11	8	19	5½
67 Calico .....	0	4¾	1	5	6¼
459½ Linen Check .....	0	7¾	14	16	9
445 Flannel.....	0	11¾	21	15	8¾
253 Irish Linen .....	0	7½	7	18	1½
26 Lawn .....	0	7½	0	16	3
463½ Linsey .....	2	9½	64	13	11¼
9876 Printed Cotton .....	0	4½	185	3	6
76 Shoe Cloth .....	0	11½	3	12	10
873½ Shirting .....	0	6	21	16	9

£802 5 4¾

GEORGE H. HENDERSON, *Steward.*





ANNUAL  
MEDICAL REPORT  
FOR 1853.  
MALE DEPARTMENT.

---

MY LORD AND GENTLEMEN,

I have the honor to present the Annual Report of the state of the Male Department during the past year, which shews the number of admissions to have been 254.

There remained in the department, 31st Dec.,		
1852, .....	514	
There have been admitted since .....	254	
Total Males under care during the year,....	—	768
There have been discharged—		
Recovered .....	100	
Relieved .....	23	
Unrelieved .....	6	
Died, .....	134	
Total discharged and dead .....	—	263
		<hr/>
Remaining under care Dec. 31st, 1853 ..		505
		<hr/>
Daily Average Number .....	509	



The appended Tables exhibit the character of the Cases admitted and discharged in reference to age, education, the complications of the disease, &c.

Of the admissions during the year.

Epileptics.  
Paralytics.  
Mortality.  
Decayed health.

The cases of admission present much variety of feature in respect of age, the duration of the disease, and its complications, and not a few Patients were received in a very infirm and hopeless state, and sank speedily afterwards. Ten have died within the first month of admission, eighteen others within three months, and fourteen within six months. With the unfavorable complications of Epilepsy forty-one have been admitted, and with that of Paralysis forty-five; forty-two have died within the year, and many who still survive are in a gradually declining state, from disease already confirmed on their reception.

Recoveries among the cases admitted during the year.

Of these admissions, forty-seven Patients have recovered, and twelve have been relieved and returned to their friends or parishes on application. Time sufficient for the recovery of those more recently admitted has not, of course, elapsed; but there is ground for hope that several other cases admit of cure.

Patients admitted without regard to previous circumstances of disease.

In estimating the proportion of recoveries and deaths in the Asylum, it should be borne in mind that no Patient has been refused admission on account of the hopelessness of his condition, and that many have been received from other Asylums after long periods of residence within them; others after long detention and fruitless treatment at their own homes.

Case.

G. G., æt. 38, was admitted, March 1st, in the last stage of Consumption and greatly emaciated, the disease having



existed for sixteen months. His limbs were tremulous, and abrasions upon the body proved that he had been subjected to severe constraint at his own home. Wine, nutritious diet, and anodyne remedies were administered, with the effect of prolonging his existence for a short time only, and he died of extensive disease of the lungs on the twelfth day.

R. N., æt. 25, was admitted, May 6th, paralyzed, and in a Case. deplorable condition of physical health, the power of speech being almost lost, nothing being known of his previous history. Little was to be expected from the palliative treatment prescribed, and the hopelessness of his case soon became obvious. He died on the seventh day, of extensive effusion of blood and serum around the brain, and softening of the substance of the organ.

R. B., æt. 35, admitted September 30, in a hopeless state, Case. completely helpless, with evidences of approaching dissolution. The limbs were tremulous, the mouth dry and parched, and food was rejected by the stomach. He died on the fourth day, of extensive softening of the substance of the brain and effusion into its membranes, one lung being also diseased.

Among the total recoveries during the year (47 of which Recoveries among the admissions during the year. were derived from the admissions within the year, and 53 from previous admissions), many have presented features of considerable interest.

A. H. B. was received, æt. 43, January 4, in a state of Case—Mania. Mania, and firmly secured by the straight waistcoat, which had been applied on account of his violence, which was said to have been extreme. His legs were cut by attempts to escape from windows.



The treatment directed, consisting of warm and shower baths, shaving the head, applying counter-irritation to the scalp, aperients, &c., was succeeded, on the seventh day, by a lucid interval of short duration. High maniacal excitement, but with tendency to failure of the vital powers (indicated by the pulse becoming accelerated and weak, and commencing ulceration of the integuments), again set in, and the condition of the Patient required the administration of nutritious diet, with wine, eggs, strong beef-tea, and anodynes. At the expiration of a month general physical improvement was evident, with prospect of eventual recovery, which, after considerable vacillation of the symptoms, was confirmed in the third month, and he was discharged cured March 23rd.

Case—  
Monomania

A. J. W., æt. 35, was admitted, January 7th, suffering the Monomaniacal form of the disease, of three months' duration. He was debilitated, emaciated, and the surface of the body was pallid. He expressed delusive convictions of "persons acting upon his brain by pipes, through which they blew air over the faculties of the brain." He had made a determined attempt at suicide. In the months of February and March he exhibited much restlessness, and sometimes imagined that Chloroform was administered to him in the night. In June his letters were very extravagant, attesting various delusions, which were attributable to disturbance of the sense of hearing, and he imagined himself tormented with electric and other invisible agencies, and that his thoughts were "listened" to by imaginary persons. Towards the close of the year his physical health had greatly improved, the delusive convictions gradually subsided, and an amiable and grateful disposition appeared through the mist. He was discharged cured, December 15th.



J. G., æt. 43, was admitted in the Melancholic form of the disease, associated with suicidal tendency, stated to have been of two years' duration. He was pale, emaciated, and imagined he was about to be executed by decapitation. Great vigilance was enjoined, and his bed-room and clothes minutely inspected, in order to prevent his concealing any instrument for effecting his purpose. On the 2nd of March, however, he concealed within his mouth a small portion of burnt clay (ballast), with which rude weapon he cut deeply, during the night, through the veins of his fore-arm. Great hæmorrhage resulted, but there proved no immediate danger, except from the nature of a wound so roughly effected. In a fortnight, however, he was convalescent of the injury, and expressed his deep regret at the attempt, and gratitude on his improved state. In the months of April, May, and June, his condition, mental and physical, varied much, but gradually improved, and he was discharged on trial for a month, June 30th. His state continued favorable, and at the expiration of the period of probation, his recovery was found to be confirmed, and he was permanently discharged.

Case—  
Melancholia

The ratio of the mortality to the average number resident is somewhat higher than in the previous year, and it must still continue high whilst so many abject and complicated cases are received. In my previous year's Report, I stated that the Department contained amongst its Inmates, on December 31, 1852, 122 Epileptics, and 56 who were the subjects of the General Paralysis of the Insane. During the past year, 41 Patients have been admitted with the former complication, and 45 with the latter, making a gross total of 163 Epileptics, and 101 Paralytics, who have been under care and treatment in the Male Department during the year. Besides the class of Paralytics alluded to, many have been

Mortality.

Relation of  
Mortality to  
character of  
admissions.  
Epileptics.  
Paralytics.



Partially Paralytic.	the subjects of partial Paralysis, Hemiplegia, &c. These facts, connected with the observations I have made upon the hopeless state of many other admitted cases, explain the heavy rate of mortality; and were not the resources of an unlimited dietetic treatment and medical regime available to the Medical Superintendents, it would undoubtedly be much higher.
Necessity of a liberal diet and regimen,	
Convulsive Seizures.	With respect to Epilepsy, I have kept a record of the convulsive seizures, and conclude that at least 10,000 Epileptic fits occur annually among the Male Patients alone; yet, in this war of disease and peril, three Patients only have died suddenly from this fearful disease; in one instance death having resulted from a portion of food lodging in the Patient's throat during dinner—a fit happening whilst he was in the act of swallowing. Not an unfrequent cause of death from this complication is an intense congestion of the brain, lungs, bronchial tubes, trachea, and the abdominal viscera, in association with a rapid succession of convulsions; but the more usual mode of death is by gradual exhaustion of the vital powers and atrophy, in connection with extreme disease of the brain, with effusion into its ventricles and membranes.
Accidental death.	
Complications of Epilepsy.	Towards the close of life, when these organic complications are fully developed, the epileptic convulsions sometimes cease.
Gradual exhaustion.	
Disease of brain—convulsions may cease before death	
Complication with General Paralysis.	Epilepsy not unfrequently supervenes upon long continued disease of the brain associated with general Paralysis, and, under these circumstances, proves rapidly fatal.
Case.	J. P. W. was admitted, March 1st, with all the symptoms of General Paralytic affection, Insanity having existed twenty months previously. On the 25th April he was suddenly



seized with Epileptic Convulsions, which succeeded each other rapidly, and induced entire unconsciousness. The bladder was inactive, (a condition of things which cannot be too diligently attended to in these and other cases), and the use of the catheter became necessary. On the following day the Convulsions recurred. An Enema had taken effect, but the respiration became accelerated and stertorous, and death resulted on the third day. On the autopsy great congestion of the arteries, veins, and sinuses of the brain, was found. The ventricles of the brain were enlarged and filled with serous fluid, and their lining membrane was studded with small granulations, termed by Romberg *Corpora Amylacea*, from their resemblance to starch grains viewed under the microscope. The membranes had an ecchymosed appearance from effusion of blood over the hemispheres. The heart, lungs, bronchi, and trachea, were greatly congested, as well as the abdominal viscera. Not unfrequently Epilepsy is complicated with tuberculous disease of the lungs, and life may then be suddenly terminated by rupture of pulmonary vessels, caused by the intense congestion resulting from the Epileptic seizure. In one instance a copious effusion of blood was found exteriorly to the dura mater of the spinal cord, with abundant serous effusion within the spinal canal. But a far more fatal complication of Insanity than Epilepsy, is that of General Paralysis, the average duration of life under this condition having been estimated to be three years from the first development of the symptom. Very few of the 101 Paralytics under treatment during the year were admitted in the early stage of the affection, and in numerous instances the autopsy has exposed errors of statement as to its previous duration; the extent of the organic changes having, in almost every instance, proved the long previous duration of disease.

Tuberculous disease of Lungs.

Spinal Cord

General Paralysis.

Paralytics received in advanced stages of disease.



More than a moiety of the deaths occurred among the Epileptics and Paralytics.

Of the total number of deaths during the year, 25 have been ascribable to disease associated with Epilepsy, and 55 to disease associated with general Paralysis.

Pathology.

As during the previous, so in the past year, the Pathology of the disease has been minutely attended to, and post mortem examinations have been instituted in 104 cases, the results proving very generally the long previous existence of Organic Affections. Pulmonary Disease, Tubercle, &c., was associated in 89 instances, Heart Disease in 51, and Kidney Disease in 42. Abnormal conformation of the Brain has been occasionally observed; *e. g.* want of symmetry between the hemispheres and central portions, and in rare instances the posterior conua of the lateral ventricles were not developed.

Chronicity of disease proved. Pulmonary disease. Heart disease. Kidney disease. Amorphous formation of brain.

Connection of Physical Disease with Insanity. Its relation to the symptoms.

Although the experience of the Institution has tended to prove the essential connection of physical disease with Insanity, the exact relation of the psychological manifestations to the nature and degree of the corporeal changes proves, and probably will long continue to prove, a subject of difficult solution. Lucid intervals occur during the progress of severe Cerebral Disease, and towards the close of life, fast ebbing from the encroachment of morbid changes, the lamp of the intellect has suddenly brightened, and out of the confusion of absolute Dementia, perfect intelligence has been momentarily developed, as soon to be finally extinguished.

Lucid intervals.

Lucidity previous to death.

Relation of Structural changes to symptoms.

Not only does structural change in the brain manifest itself by the more obvious forms of disturbed intellectual operation, which are characterized by wild incoherency and extravagant delusion, but not unfrequently by perversion of the emotions of the mind and moral feelings, and by various eccentricities of deportment. Such were some of the features



of the mental disturbance in the case of H. M., whose conversation was coherent and intelligent, but characteristic of strong egotism and self complacency. His habits were peculiar in some respects, and he was fond of collecting and hoarding up useless scraps of paper. He died August 11th, from Scrofulous and Gouty Diseases combined. On the examination of the body, the membranes of the brain were found much thickened, and fluid was abundantly effused beneath them, tending to separate by its quantity the convolutions. There was also exudation of blood beneath the membranes. The pericardium was adherent to the heart by an adventitious membrane, in which was copious tubercular deposit.

Of the total number of deaths during the year, 62 have occurred within 6 months of admission. Two accidental deaths have occurred in Epileptics, one from choking during a fit; another by suffocation, from the patient lying upon his face during a fit in the night. One accidental death has occurred from a portion of food lodging in the throat of a Paralytic, whose power of deglutition was impeded by his disease; one by the violence of another Patient from injuries inflicted without the aid of an implement, and another from suffocation, by the Patient having become impacted in a ventilating aperture, through which he attempted to make his escape.

Two very desperate attempts at suicide have been made, one of these having been referred to above. In the other instance, the Patient procured a knife from a box (the key of which was accidentally left within his reach), and plunged its blade first into the throat, injuring the trachea, æsophagus, and blood vessels, and then into the abdomen. Fortunately



the intestines were not wounded, and perfect recovery ensued.

Diarrhœa. Diseases of the Bowels in the form of Diarrhœa and  
 Dysentery. Dysentery, have occurred in 130 cases, but in a great number of these Diarrhœa has ensued upon other debilitating diseases, and has not been a primary affection. Eleven  
 Dysentery less fatal than during the previous year. deaths have been attributable to Dysentery, which disease has, however, proved more manageable, as it has been less fatal than during the previous year.

Infirmary accommodation increased. Advantages The conversion of a large Ward, containing 33 beds, into an Infirmary (the Ward formerly used for this purpose having been found insufficient in accommodation), has tended materially to facilitate the working of the Department. In the month of March all the sick from the various Wards were removed to this division, and 223 extreme cases have since received the benefit accruing from the appointment of a larger staff of Attendants, and other liberal resources here concentrated.

Spring bells to ward doors. The Engineer is in progress of fixing spring bells at the entrances of each Ward, and these additions have been found an accommodation for Magistrates, Officers, and Patients.

Dining hall. I still continue of opinion that the proposition I had the honor (in consultation with my colleagues) of making, last year, for collecting a large body of Patients at their meals in the exercising hall, will, when carried out, tend to their benefit. Their life is, necessarily, to a great extent, monotonous; the counteraction of which evil, I submit, demands every consideration, and justifies every experiment of a nature consistent with due caution. In the smaller Asylum,  
 Monotonous life of Lunatics.



which I had the honor to superintend for many years, all the male Pauper Patients were recently congregated at the dinner meal, and the advantages were too obvious to admit of a doubt.

The result of the far more miscellaneous association of the patients in the entertainment field last summer, may, I trust, encourage you to proceed with the safe experiment of the association alluded to.

Out of door  
entertain-  
ment.

With respect to the results of the labour of the occupied Patients, I trust the returns from the Steward's Department will prove satisfactory, as evidencing progress in this respect. The attention which has been devoted to the improvement of the gardens, and the area at the entrance, by the addition of the handsome rails, will, no doubt, receive the commendation of the public, and the friends of the Patients.

Labour of  
Patients.

Gardens—  
additions to  
the ground.

Much remains to be done, but I trust that the efforts of your Officers to promote progress, and the great objects of the Institution, may receive your approval and continued aid and co-operation,

I have the honor to be,

My Lord and Gentlemen,

Your most obedient humble Servant,

D. F. TYERMAN,

*Medical Superintendent of the Male Department.*

January 1st, 1854.



## TABLES.—MALE DEPARTMENT.

*Admissions during 1853.*

FORM OF DISEASE.		AGES OF PATIENTS <i>Admitted in 1853.</i>	
Mania Acute .....	12	Under 15 Years .....	3
— Chronic .....	50	— 20 " .....	16
Monomania .....	43	— 30 " .....	59
Melancholia .....	45	— 40 " .....	87
Dementia .....	88	— 50 " .....	48
Imbecility .....	9	— 60 " .....	23
Idiotcy .....	7	— 70 " .....	8
		— 80 " .....	3
Total .....	254	Unknown .....	7
		Total .....	254
COMPLICATIONS.		CIVIL STATE.	
Mania with Epilepsy .....	16	Single .....	113
— " General Paralysis .....	6	Married .....	122
— " Suicidal Tendency .....	3	Widowed .....	10
Monomania with Gen. Paralysis .....	5	Unknown .....	9
Dementia with Epilepsy ....	23		254
— " Genl. Paralysis .....	34		
Melancholia with Suicidal Ten- dency ....	16		
Imbecility with Epilepsy ....	2		
Idiotcy with Epilepsy .....	2		
LENGTH OF TIME INSANE.		EDUCATION.	
Under 6 Months .....	56	Good .....	10
— 12 " .....	40	Read .....	9
— 2 Years .....	44	Read and Write .....	156
— 3 " .....	43	None .....	27
— 4 " .....	4	Unknown .....	52
— 5 " .....	5		
— 6 " .....	0	Total .....	254
— 7 " .....	1		
— 8 " .....	0		
— 9 " .....	0		
10 Years and upwards .....	12		
Unknown .....	49		
Total .....	254		
		RELIGION.	
		Established Church .....	114
		Protestant Dissent .....	89
		Roman Catholic .....	18
		Jewish .....	2
		None .....	2
		Unknown .....	29
		Total .....	254



## STATION OR OCCUPATION.

*Admissions during 1853.*

Barrister at Law .....	1	Varnisher .....	1
Law Writer .....	1	Clothes Dealer .....	1
Law Stationer .....	1	Tailors .....	12
Steward of Club House.....	1	Hatter .....	1
Commission Agent .....	1	Boot and Shoemakers .....	9
House Agent .....	1	Silk Weavers .....	3
Newspaper Reporter .....	1	Silk Worker .....	1
Professor of Music.....	1	Map Colourer.....	1
Teacher of Languages .....	1	Paper Stainer.....	1
Chemist .....	1	Modeller.....	1
Medical Assistant .....	1	Pipe Maker .....	1
Vocalist and Stationer .....	1	Cigar Maker .....	1
Town Travellers.....	2	Mat Maker.....	1
Sea Captain .....	1	Wig Maker .....	1
Omnibus Proprietor .....	1	Gardeners .....	2
Piano Maker .....	1	Bakers .....	3
Artist .....	1	Eating House Keeper .....	1
News Agent .....	1	Servants .....	6
Clerks and Book-keepers .....	8	Cook .....	1
Engineer.....	1	Farm Servant.....	1
Farmer .....	1	Grooms .....	2
Egg Merchant .....	1	Coachmen .....	2
Schoolmaster .....	1	Cab Driver.....	1
Furniture Warehouseman.....	1	Gamekeeper .....	1
Upholsterers .....	2	Carmen .....	2
Goldsmiths and Jewellers.....	3	Costermonger.....	1
Horsekeepers .....	2	Marine Store Dealer .....	1
Stablemen .....	3	Broker.....	1
Cowkeeper .....	1	Greengrocer .....	1
Type Founder .....	1	Fishmonger .....	1
Compositor.....	1	Laundryman .....	1
Gunmakers.....	2	Watermen .....	2
Blacksmiths .....	2	Musician.....	1
Watchfinisher .....	1	Organ Grinder .....	1
Die Sinker .....	1	Bill Sticker.....	1
Scalemaker.....	1	Hawkers.....	3
Watchmakers.....	2	Vagrant .....	1
Wire Worker .....	1	Errand Boy .....	1
Brass Turner .....	1	School Boy.....	1
Pewterer.....	1	Engine Driver (Railway)....	1
Hammerman .....	1	Plate Layer on Railway ....	1
Cabinet Makers .....	6	Saddle and Harness Maker ..	1
Carpenters .....	6	Bookbinder .....	1
Shipwright .....	1	Farrier .....	1
Print Cutter .....	1	Porters .....	7
Chair Carver .....	1	Coal Porter.....	1
Chair and Sofa Makers.....	2	Policeman .....	1
Cook .....	1	Soldier .....	3
Stonemason .....	2	Mariners .....	6
Bricklayer .....	1	Distiller .....	1
Glass Cutter .....	1	Hotel Waiter .....	1
Painter and Glaziers .....	5	Labourers .....	37
Oil and Colorman .....	1	None .....	10
Plasterers .....	3	Unknown .....	17
Paper Hangers .....	2		



*The following are the assigned Causes in a Moiety of  
Cases admitted during 1853.*

**MORAL.**

Disappointed Affection . . . . .  
Love . . . . .  
Mental Emotion—Joy . . . . .  
Grief on Death of Mother . . . . .  
Fear of Infection from bite of a  
glandered horse . . . . .  
Grief on Death of Wife . . . . .  
Refusal of a Contribution to the  
Great Exhibition . . . . .  
Loss of Children . . . . .  
Domestic Unhappiness . . . . .  
Desertion of Wife . . . . .  
Erroneous Views in Religion . . . . .  
**M**oral Depravity . . . . .  
Speculation . . . . .  
Losses in Trade . . . . .  
Anxieties of Business . . . . .  
Change of Circumstances . . . . .  
Loss of Property . . . . .  
Loss of Situation . . . . .  
Anxiety of Mind . . . . .  
Loss of Work . . . . .  
Want of Work . . . . .

**PHYSICAL.**

Intemperance . . . . .  
Irregular Life . . . . .  
Poverty—Want of Food . . . . .  
Hard Work . . . . .  
Mental Over Work . . . . .  
Physical Disease . . . . .  
Brain Fever . . . . .  
Brain Disease . . . . .  
Apoplexy . . . . .  
Epilepsy . . . . .  
Convulsions in Infancy . . . . .  
Coup de Soleil . . . . .  
Delirium Tremens . . . . .  
Metastasis of Ulcer of Scalp . . . . .  
Blow on Head many years be-  
fore . . . . .  
Rheumatic Fever . . . . .  
Phthisis Pulmonalis . . . . .  
Lead Poisoning . . . . .  
Asthma . . . . .  
Scrofula . . . . .  
Syphilis ? . . . . .  
Mercury ? . . . . .  
Bad General Health . . . . .  
Nostalgia . . . . .  
Fright of Mother Pregnant . . . . .  
Physical Injuries . . . . .



# MIDDLESEX LUNATIC ASYLUM, COLNEY HATCH.

*Particulars of 129 Cases Discharged in 1853.*

No. in Register.	Name.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
665	G. D...	46	..	1	..	Mania (Acute) .....	2 weeks.....	4½ months.
664	J. S...	35	1	..	..	Melancholia .....	6 weeks .....	5½ months.
670	J. C...	40	1	..	..	Mania (Recurrent) .....	1 month.....	3½ months.
735	S. H...	46	..	1	..	Melancholia .....	1 week .....	2½ months.
606	W. B...	56	..	1	..	Dementia .....	Several Years ..	7½ months.
739	F. D...	52	1	..	..	Melancholia .....	4 months .....	2½ months.
729	J. V...	31	1	..	..	Monomania .....	Unknown.....	3½ months.
607	J. H. N.	24	1	..	..	Dementia .....	3 months .....	8 months.
476	H. P. J.	36	1	..	..	Mania (Acute) .....	Unknown ....	11½ months.
593	J. W...	58	1	..	..	Mania (Acute) .....	5 weeks.....	8½ months.
722	G. D...	28	1	..	..	Melancholia .....	1 week .....	4 months.
524	R. H...	23	..	1	..	Mania .....	Unknown .....	9¾ months.
461	H. D...	24	..	1	..	Dementia .....	Unknown .....	12½ months.
753	G. C...	18	1	..	..	Mania .....	5 or 6 weeks ...	3 months.
792	W. J. W.	33	1	..	..	Mania (Epilepsy).....	2 days.....	5 weeks.
793	R. P...	32	..	..	1	Monomania .....	10 weeks .....	5 weeks.
197	A. B...	34	1	..	..	Mania (Acute) .....	Some years ....	18½ months.
794	J. C...	28	1	..	..	Melancholia .....	3 months .....	5 weeks.
690	W. J...	52	1	..	..	Mania .....	1 month .....	5½ months.
754	J. A...	50	1	..	..	Melancholia .....	2 months .....	3 months.
232	C. W...	53	1	..	..	Mania (Acute) .....	1 month.....	17¾ months.
213	J. W...	42	1	..	..	Melancholia .....	10 or 11 months	18½ months.
499	J. G...	24	1	..	..	Dementia .....	2 weeks.....	11½ months.
734	M. R...	54	1	..	..	Melancholia .....	7 months .....	4 months.
708	P. D...	56	1	..	..	Monomania .....	Unknown.....	5 months.
50	E. I...	45	1	..	..	Mania .....	Unknown .....	19¾ months.
568	W. L...	31	1	..	..	Mania .....	Unknown .....	9¾ months.
767	A. H. S.	43	1	..	..	Mania (Acute) .....	1 week .....	7 weeks.
135	W. R...	52	1	..	..	Mania .....	Unknown .....	19½ months.
First Quar e			..	23	5	1		
712	B. F...	46	1	..	..	Mania ..	12 years.....	5½ months
706	E. H...	40	1	..	..	Mania .....	1 week .....	5½ months
183	H. G...	42	1	..	..	Melancholia .....	2½ years.....	19 months.
Car. for			.....	26	5	1		



No. in Register.	Name.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
	<i>Brt. for.</i>	..	26	5	1			
716	L. R...	50	1	..	..	Mania .....	Unknown .....	5½ months.
156	T. B. ...	32	1	..	..	Mania .....	Unknown .....	19 months.
758	C. S. ...	41	1	..	..	Monomania .....	3 years .....	3½ months.
646	E. L. ...	41	..	1	..	Mania .....	2 years .....	8½ months.
465	E. C. ...	71	1	..	..	Mania .....	2 years .....	13½ months.
623	J. F. ...	32	..	1	..	Mania .....	2 weeks .....	9 months.
463	T. P. ...	49	1	..	..	Mania .....	2 years .....	13½ months.
38	J. G. ...	34	1	..	..	Mania .....	6 weeks .....	8½ months.
757	J. S. ...	58	1	..	..	Mania and Epilepsy ....	6 years .....	3½ months.
458	G. C. C.	36	1	..	..	Mania .....	5 weeks .....	13½ months.
818	J. W. ...	33	1	..	..	Mania .....	Unknown ..	17 days.
311	J. B. ...	33	1	..	..	Mania .....	7 or 8 months ..	17½ months.
698	E. P. ...	36	..	..	1	Melancholia .....	2 or 3 weeks ....	6½ months.
432	F. G. ...	59	1	..	..	Mania .....	2 weeks .....	14½ months.
317	H. M. ...	45	1	..	..	Melancholia .....	Unknown .....	17½ months.
572	J. F. F.	33	1	..	..	Mania and Epilepsy ....	12 months.....	9½ months.
807	F. H. B.	53	1	..	..	Mania .....	2 weeks .....	2 months.
678	T. R. ...	..	1	..	..	Mania .....	Unknown .....	7½ months.
420	J. S. ...	55	1	..	..	Melancholia .....	2 months .....	16 months.
601	J. D. ...	27	1	..	..	Mania (Recurrent) .....	18 months.....	10½ months.
778	J. T. ...	22	..	1	..	Idiotcy .....	Congenital .....	4 months.
723	C. C. ...	22	..	1	..	Dementia .....	4 months .....	5½ months.
672	J. T. ...	23	1	..	..	Mania and Epilepsy.....	Unknown .....	8½ months.
842	L. C. ...	42	1	..	..	Mania .....	2 weeks .....	1 month.
219	G. S. ...	35	1	..	..	Mania .....	8 years .....	21 months.
786	R. T. ...	28	..	..	1	Dementia .....	1 week .....	4½ months.
876	H. H. ...	38	1	..	..	Mania .....	2 weeks .....	25 days.
821	J. E. ...	42	1	..	..	Mania and Epilepsy ....	4 years .....	2 months.
154	S. S. ...	58	1	..	..	Mania .....	Unknown .....	22 months.
			42	9	3			
Second Quarter ..		..	26	4	2			
468	J. B. ...	51	..	..	1	Mania .....	4 months .....	16 months.
738	J. L. ...	46	..	1	..	Dementia (Gen. Paralysis)	1 month.....	7½ months.
812	H. B. ...	17	..	1	..	Imbecility .....	4 years .....	4 months.
495	W. F. ...	21	..	1	..	Mania .....	Some months ..	20½ months.
801	J. F. ...	51	..	1	..	Melancholia .....	1 month.....	4½ months.
864	J. P. ...	28	..	1	..	Dementia (Gen. Paralysis)	2 years .....	1½ months.
790	J. S. ...	32	..	1	..	Dementia .....	A few weeks....	5½ months.
	<i>Car. for.</i>	..	..	6	1			



No in Register.	Name.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
	<i>Brt. for.</i>		..	6	1			
834	T.W.H.	45	1	..	..	Monomania .....	3 weeks .....	3 months.
768	J. W...	37	..	1	..	Melancholia .....	7 weeks .....	6½ months.
815	J. C...	42	1	..	..	Monomania .....	4 years .....	4 months.
859	C. B...	31	1	..	..	Melancholia .....	10 days .....	2 months.
788	J. G. ...	43	1	..	..	Melancholia .....	2 years .....	5 months.
824	R. Y...	61	1	..	..	Mania .....	2 weeks .....	3¾ months.
878	J. B. ...	31	1	..	..	Mania .....	3 weeks .....	1¾ months.
836	J. C. ...	37	1	..	..	Monomania .....	3 months .....	3½ months.
826	S. G. ...	32	..	..	..	Melancholia .....	8 days .....	3½ months.
747	W.W.W	32	..	..	1	Dementia (Epilepsy) ....	1 year .....	8½ months.
832	C. C. ...	30	..	1	..	Dementia (Gen. Paralysis)	Unknown .....	4 months.
687	F. L...	10	..	1	..	Imbecility .....	7 years .....	11 months.
798	R. T...	47	1	..	..	Mania .....	5 months .....	6½ months.
810	R. S. ...	39	..	1	..	Melancholia .....	12 months.....	6 months.
784	J. L. ...	32	..	1	..	Melancholia .....	1 month .....	7½ months.
903	J. B. ...	36	1	..	..	Melancholia .....	10 days .....	2¼ months.
874	C. G. H.	26	1	..	..	Melancholia ..	3 months .....	3 months.
822	W. W...	30	1	..	..	Mania .....	2 months .....	5½ months.
775	T. S. ...	27	1	..	..	Mania ...	3 weeks .....	7½ months.
840	G. M...	31	1	..	..	Mania (Epilepsy) .....	2 months .....	4½ months.
841	R. B...	63	1	..	..	Melancholia .....	Some months ..	4½ months.
881	J. E. R.	37	1	..	..	Mania ...	A few days ....	2¾ months.
624	T. R. L. L.	31	1	..	..	Mania .....	4 weeks .....	13¾ months.
886	W. H...	64	1	..	..	Melancholia .....	3 weeks .....	3 months.
234	H. C...	40	1	..	..	Mania (Epilepsy) .....	6 months .....	23½ months.
869	J. C...	27	..	1	..	Melancholia .....	5 months .....	3¾ months.
Third Quarter....			19	12	2			
868	W. C. W.	40	..	1	..	Melancholia .....	1 week .....	4½ months.
892	W. L...	28	1	..	..	Monomania .....	3 months .....	4 months.
636	J. M., ..	61	1	..	..	Melancholia .....	3 months .....	14¾ months.
813	J. M. ...	28	1	..	..	Monomania .....	3 months .....	8½ months.
355	. Q. ...	62	1	..	..	Mania .....	Unknown .....	23½ months.
854	A. S. ...	47	..	1	..	Monomania (Gen. Paralysis)	1 month.....	5 months.
515	W. B...	54	1	..	..	Mania .....	1½ year .....	18½ months.
963	J. R...	17	1	..	..	Mania .....	A few days ....	1½ months.
949	W. B...	33	..	..	1	Dementia .....	2 months .....	2¼ months.
			6	2	1			



No. in Register.	Name.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
	<i>Brt. for.</i>	..	6	2	1			
935	M. R. .	55	1	..	:	Mania .....	1 week .....	3½ monhs.
896	J. S. .	34	1	..	..	Monomania .....	1 week .....	5¼ months.
167	J. F. .	54	1	..	..	Mania .....	8 months .....	2¼ years.
858	C. P. .	42	1	..	..	Mania .....	1 week .....	7¾ months.
796	P.H.G.	30	1	..	..	Mania, Epilepsy .....	3 weeks .....	9¼ months.
522	G.W.D.	..	1	..	..	Mania .....	Unknown .....	19¼ months.
919	W. J. .	32	1	..	..	Mania .....	1 week .....	4¾ months.
944	J. W. .	32	1	..	..	Monomania .....	2 months .....	3½ months.
968	D. J. .	23	1	..	..	Mania .....	A few days .....	2½ months.
877	J. H. .	30	1	..	..	Mania .....	2 weeks .....	6¼ months.
936	C. P. .	25	1	..	..	Monomania .....	2 years .....	4 months.
860	C. C. .	..	1	..	..	Dementia .....	Unknown .....	6¼ months.
830	T. W. .	36	1	..	..	Monomania .....	14 days .....	8 months.
724	R. H. .	47	1	..	..	Mania (Acute) .....	2 weeks .....	13¼ months.
770	A. J. W.	36	1	..	..	Melancholia .....	3 months .....	11¼ months.
924	J. M. .	30	1	..	..	Melancholia .....	4 years .....	4½ months.
996	G.A.W.	47	1	..	..	Mania (Recurrent) ....	17 years at in- tervals ....	3 weeks.
906	J. G. .	33	1	..	..	Melancholia .....	3 months .....	5½ months.
971	R. J. .	23	1	..	..	Monomania .....	2 years .....	2¼ months.
749	W. J. .	36	1	..	..	Mania .....	Unknown .....	12¼ months.
839	W.R.C.	18	1	..	..	Mania .....	1 month .....	7¾ months.
974	J. L. .	46	1	..	..	Melancholia .....	14 months .....	2¼ months.
953	M. P. .	63	1	..	..	Monomania .....	1 month .....	3½ months.
177	E. B. .	54	1	..	..	Mania .....	3 years .....	2¼ years.
507	O. S. .	45	1	..	..	Mania .....	Unknown .....	20¾ months.
407	J. L. .	42	1	..	..	Melancholia .....	1 month .....	25 months.
			100	23	6			
Four	th Quarter ..		32	2	1			



# RECORD OF 134 DEATHS AND POST MORTEM APPEARANCES.

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
400	J.W.....	37	Mania (Acute)....	Two or three weeks.	Twelve months	Acute Dysentery .....	Much congestion of brain, with pink hue of cineritious substance—Tubercles on surface of lungs—Entire Colon contracted and fleshy, with mucous membrane raised into congested folds and papillary eminences.
755	J.M.....	42	Mania.....	Six months....	One month ...	Phthisis Pulmonalis .....	No examination.
689	W.J.P...	56	General Paralysis—Dementia.	Unknown ....	Three months and a half.	Dysentery—Exhaustion ....	Bony deposit in falx—Rusty blood cavities in thalami—A pellucid cyst in fissure of Sylvius—Arteries of base much degenerated—Hypertrophy of heart—Degeneration of kidneys—Colon, &c., inflamed.
541	W.S.....	37	Mania.....	Six weeks .....	Seven months.	Exhaustion after Coma.....	Increased vascularity of brain—Great opacity of arachnoid, with much external and internal serous effusion—Hypertrophy of kidneys—Large cretaceous tubercles in mesentery.
586	J.M.....	31	Mania with Epilepsy.	Twenty years since first fit.	Seven months.	Epileptic Convulsions .....	Vascular injection of brain—Brain substance looked packed and compressed—Ventricles small, undeveloped, small scattered tubercles in lungs, beginning to soften.
752	W.W....	63	Melancholia .....	Ten weeks....	Five weeks ..	Dysentery.....	No examination.
727	W.P. ...	47	Dementia .....	One year. ....	Four months..	Dysentery .....	Vascular injection of brain, with opacity of arachnoid and much serum in ventricles—Optic nerves and commissure degenerated.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
467	T.W. ....	30	Mania (Acute)....	Six months ..	Eleven months	Epilepsy and Paralysis .....	Intense florid vascular injection of brain—Great opacity of arachnoid, with but little serous effusion—The other viscera congested.
253	J.L. ....	38	Mania with General Paralysis.	Three or four years.	Fourteen months	Apoplexy .....	No examination.
157	J.L.D. ....	42	Mania (Acute)....	Unknown ...	Seventeen months	Gradual Exhaustion .....	A delicate false membrane between the layers of the arachnoid, with opacity of latter, and much serous effusion.
491	J.J. ....	53	Dementia .....	Twelve months	Ten months ..	General Decay.....	Great opacity of arachnoid with much external and internal serum—Blood cavity of left corpus striatum—Arteries of base degenerated—Emphysema of lungs, &c.
534	D.S. ....	61	Mania (Acute) — General Paralysis	A few weeks..	Eight months .	Suffocated by a piece of meat in throat.	Much congestion of brain, with great opacity of arachnoid and much external and internal serum—Grey tubercle-like substance in choroid plexus, &c.
713	C.P. ....	56	Dementia and General Paralysis.	Eight months.	Three months.	Gradual Decline .....	No examination.
520	W.R. ....	45	Dementia — General Paralysis.	Five months...	Nine months ..	Gradual Decline.....	A thin layer of blood-effusion on right hemisphere, with a small coagulum on each olfactory bulb—Much opacity of arachnoid with serous effusion—An osseous substance in floor of third ventricle.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
198	H. M. ....	42	Mania.	Three months	Seventeen months	Gradual Decline .....	Much vascular injection of brain, and a thin layer of blood in the fossæ of base of skull—Opacity of arachnoid, with much serum—Tubercles in lungs and in mesentery and meso-colon.
765	J. B. ....	55	Mania (Acute)....	Four months ..	One month ..	Gradual Exhaustion .....	Much vascularity of brain, the cineritious layer pink—moderate opacity of arachnoid, with serous effusion—Congestion of right lung, with pus in bronchi—Eechymosis in areolar tissue in vicinity of kidneys, with blood-coagulum in front of aorta and cava.
733	J. A. ....	42	Dementia .....	Four or five years.	Two months and a half.	Gradual Decline — Convulsions.	Great vascularity of membranes of brain—Pachionian bodies very numerous and hypertrophied — Opacity of arachnoid, with serous effusion — Membranes adherent to brain substance—Purulent cyst in right lung—Aorta degenerated, and its valves adherent to its parietes.
715	P. B. ....	44	Dementia — General Paralysis.	Six months ...	Three months.	Gradual Decline .....	Patchy opacity of arachnoid, with serous effusion—Pia mater very vascular—Membranes thickened and adherent to convolutions—Marks of progressing pleuro pneumonia.
652	M. B. ....	70	Dementia .....	Three years...	Six months ...	Decay from age .....	Opacity of arachnoid, with serum circumscribed in the sulci, causing atrophy of the convolutions—Choroid plexus vesicular—Tubercles in right lung, with marks of pleuro pneumonia.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
762	J. W. ....	44	Dementia and Epilepsy.	Three weeks .	Six weeks ...	Collapse and Asphyxia, .....	Serum in arachnoid sac—Opacity of arachnoid with subserum, and a small yellowish mass of tubercle-like substance attached to the membrane—Intense injection of brain, grey layer purple—Tubercles in lungs—Asthenic pneumonia.
782	J. T. ....	35	Dementia and Epilepsy	Two months ..	Two weeks ..	Epilepsy—Coma .....	Intense vascular injection of brain and membranes—Opacity of arachnoid, with mucous effusion, circumscribed in the sulci, causing depressions between the convolutions—Tubercles in lungs partly softened—Pericardium and Peritoneum quite dry.
223	T. D. ....	46	Melancholia, .....	Unknown ....	Sixteen months	General debility .....	No Examination.
318	H. P. ..	46	Melancholia, .....	One month .	Fifteen months	Congestion of Lungs—Convulsions	Great opacity of arachnoid, with much serum—Membranes thickened and adherent to brain-substance, which was firm and hard—Cicatrices with cretaceous tubercles in lungs—Marks of broncho pneumonia in lower lobes.
80	S. D. ....	32	Idiotcy, (Congenital)	From birth ..	Eighteen months	Phthisis Pulmonalis, .....	A thin layer of lymph exudation, with blood spots interspersed on right hemisphere—great opacity of arachnoid with much serum—Patches of rusty disorganization on bases of the left lobes—Tubercles in lungs, with cavities—Vegetations on mitral valve.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				After admission.	Before Admission.		
744	H. S.....	41	Dementia .....	Four or five years	Two months and a half	Gradual decline .....	A small recent blood coagulum on left hemisphere, with a layer of soft false membrane unorganized — Great opacity of arachnoid, with serous effusion—Kidneys much hypertrophied, with cysts in cortical substance.
721	J. R.....	41	Dementia—General Paralysis	Eight months.	Three months	General debility—Congestion of lungs	Great opacity of arachnoid, with much serum, external and internal; membranes thickened —Erosions on bases of anterior and middle lobes, without rustiness or softening—Marks of commencing pneumonia.
637	J. G.....	37	Mania.....	Five or six months	Seven months	General debility.....	Brain and Membranes much injected—Great opacity of arachnoid, with much serum, external and internal—Membranes much thickened.
710	F. C.....	34	Melancholia .....	One Week....	Four months.	Acute dysentery.....	But little appreciable brain-change — Slight opacity of arachnoid, with much serum in base—Small intestines much injected, large, contracted, mucous surface dark and congested, raised into congested folds and minute eminences.
343	F. C.....	24	Mania & Epilepsy	From age of seven years	Fifteen months	Exhaustion after dysentery..	Great opacity of arachnoid—Membranes thickened — Brain-substance hard and pale, convolutions packed and compressed—Tubercles in lungs—Mesenteric glands enlarged—Mucous membrane of descending colon, &c., rough and congested.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.	6
				Before Admission.	After Admission.			
417	J. D. ....	31	Mania — General Paralysis	One year ....	Thirteen months	General decline—Congestion of lungs	Much vascularity of brain and membranes—Opacity of arachnoid, with serous effusion, circumscribed in sulci—Membranes thickened, adherent to the convolutions—A brown patch on right thalamus, and a small cretaceous mass between the olfactory nerves—Asthemic pneumonia—Disease of mitral and aortic valves.	
725	J. T. C.	..	General Paralysis	Unknown ....	Three months and a half	Pulmonary congestion .....	No examination.	
676	R. H. ..	53	Dementia .....	Seven months	Twelve months	General debility .....	Slight opacity of arachnoid, with subserum—Brain pale, soft, adenomatous — Ventricles greatly dilated, with clear serum — Septum lucidum, &c., soft, disintegrated — White patches on surface of heart — Pericardium adherent to pulmonary artery—Aorta voluminous, and its tunics atheromatous — Mesenteric glands enlarged.	
319	R. T. ....	57	Melancholia ....	Twenty years	Sixteen months	Phthisis pulmonalis .....	Unusual dryness of arachnoid, scarcely a drop of subserum—Brain substance much injected — Plexus vesicular—Much tubercle in lungs — White patches on surface of heart — Gall stones.	
483	F. B. ....	30	Mania .....	Twelve months	Twelve months	General debility .....	Patchy opacity of arachnoid—Much serum, internal and external; on right corpus striatum a yellowish brown patch, ragged and disorganized, not penetrating deeply, &c.	



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.	7
				Before Admission.	After Admission.			
464	J. N. ....	74	Melancholia .....	Twelve months	Twelve months and a half	Decay from age, &c. ....	No examination.	
667	W. G. ..	61	Imbecility (Senile)	Six months ..	Eight months	Decay from age, &c. ....	No examination.	
750	J. G. ....	39	Dementia — General Paralysis	Four years ..	Three months	Coma, &c. ....	Opacity of arachnoid, with much serum. external and internal—Brain substance injected—Membranes thickened, adherent to convolutions—Mucous surface of colon injected, lubricated with pus—Mesenteric glands enlarged.	
865	G. G. ..	38	Dementia .....	Sixteen months	Eleven days ..	Exhaustion from acute disease of brain	Much yellow sero-pus in arachnoid sac, and visceral layer of this membrane covered with a thick dirty yellow pus—Membrane opaque, in parts thickened and softened, with much subserum—Crude tubercles in lungs—Marks of asthenic pleuro-pneumonia.	
701	J. A. ....	21	Dementia — Epilepsy	From birth ...	Five months..	Epileptic fits—Coma .....	Great congestion of brain and membranes—Convulsions looked compressed, as if brain were hypertrophied—Congestion of viscera.	
119	J. H. ....	42	Dementia — Epilepsy	Unknown ....	Nineteen months	Dysentery—Exhaustion ....	No examination.	
802	W. W. ...	34	Dementia — General Paralysis	Six months ..	One month ..	Gradual decline .....	Much vascular injection of brain and membranes, with patchy opacity of arachnoid, and much serum external and internal—Base of middle right lobe eroded, and brain altogether soft.	



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
37	T.W. ...	27	Idiotcy—Epilepsy	Two years....	Twenty months	Epileptic Fits .....	Brain and membranes dry, a good deal injected, with patchy opacity of arachnoid, and scarcely any subserum—Brain substance very firm—Cortical layer pink—Cretaceous tubercles in lungs, &c.
247	J.R.F. ...	52	Mania and Epilepsy	Unknown ....	Seventeen months	Pleuro Pneumonia, &c. ....	Slight opacity of arachnoid—Membranes thickened and strong—Brain substance firm, injected—Choroid plexus vesicular—Friable, chalky tubercle, in upper lobes of lungs; marks of progressing pneumonia in lower lobes—Hypertrophy of left ventricle of heart, narrowing of aortic aperture, and disease of semilunar valves—Kidneys mottled, with cysts.
728	J.M. ....	56	Mania.....	Five weeks ..	Four months..	Exhaustion—Convulsions ..	No examination.
598	J.W. ...	46	Dementia .....	Three weeks..	Ten months ..	General Paralysis—Exhaustion	Opacity of arachnoid—Membranes thickened and strong—Brain and membranes injected—Ventricles greatly dilated with serum—Arteries of base diseased.
367	J.N. ....	36	Dementia .....	Unknown ....	Seventeen months	General Paralysis—Exhaustion	No examination.
345	R.H. ...	20	Mania—Idiotcy ..	Unknown ....	Seventeen months	Phthisis Pulmonalis.....	No examination.
56	J.F. ....	27	Dementia .....	Seven years ..	Twenty-one months	Phthisis Pulmonalis .....	Opacity of arachnoid, with much serum, external and internal—Brain-substance soft, oedematous—Extensive infiltration of both lungs by tubercle. Vegetations of mitral valve—Mesenteric glands enlarged.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
789	J.F. or M.	45	Melancholia .....	Unknown ....	Two months..	Phthisis Pulmonalis .....	Opacity of arachnoid, with thickening of the membranes, brain-substance injected—Both lungs pervaded with tubercular cavities; also marks of recent pleuro-pneumonia.
293	W.P. ...	25	Mania and Epilepsy .....	Three years ..	Eighteen months	Gradual Decay—Epilepsy ..	Much congestion of brain and membranes—Opacity of arachnoid, with dryness, and no subserum—Cineritious substance of purple tint—Kidneys and liver congested.
210	T.R. ....	29	Epilepsy and Paralysis .....	Fifteen years .	Nineteen months	Gradual Decay—Epilepsy ..	No examination.
544	W.T.C. .	37	Mania and General Paralysis	Two months..	Eleven months	Exhaustion after Excitement .....	No examination.
445	J.H.S. ...	34	Dementia and General Paralysis	Six months ..	Fourteen and a half months	Gradual Decline.....	Vascular injection of brain and membranes—Opacity of arachnoid, with much serum, external and internal—Membranes thickened, adherent to convolutions—Kidneys hypertrophied (7½ oz.).
759	R.F. ....	43	Dementia and General Paralysis.	Twelve months	Four months..	Gradual Exhaustion.....	Great vascularity of brain and membranes—Opacity of arachnoid, with much serum, external and internal—Membranes thickened, and adherent to convolutions—Pericardium adherent to right auricle and ascending aorta by recent lymph; about 2 oz. of purulent serum in the sac—Aortic semilunar valves diseased—Kidneys injected.



*Post Mortem Appearances.*

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
7	W.M. ..	36	Imbecility and General Paralysis	Two years....	Twenty-one months	Gradual Decline.....	Much vascularity of brain and membranes—Opacity of arachnoid, with much serum, external and internal—Membranes thickened and strong—Granular deposit in plexus choroidei—Abscesses of right lung containing foetid pus—No tubercle—Kidneys large, congested.
804	J.F.W...	42	General Paralysis	Unknown ....	Eight weeks..	Epileptic Convulsions .....	Much vascular injection of brain and membranes, with minute patches of sub-arachnoid ecchymosis—Opacity of arachnoid—Convulsions looked compressed — Brain-substance oedematous, rather soft—Ventricles dilated with serum.
835	T.G.K...	27	Mania.....	Three days ..	Seven days ..	Maniacal Exhaustion .....	Much vascular injection of brain and membranes, with several small spots of sub-arachnoid ecchymosis—slight opacity of arachnoid —A pyiform mellicerous tumour, size of a small nut, in anterior part of third ventricle, its apex attached to choroid plexus in foramen of Monro, and base lying on anterior commissure.
772	T.W. ....	—	Dementia — General Paralysis....	Unknown ....	Three and a half months	Exhaustion after Dysentery..	Racemiform vascularity of surface, with opacity of arachnoid—Membranes thickened, adherent to brain-substance, which was rather soft—Ventricles dilated with serum—Marks of commencing pneumonia — Colon congested, with mucous surface rough and congested.



*Post Mortem Appearances.*

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	<i>Post Mortem Appearances.</i>
				Before Admission.	After Admission.		
743	J.M.....	62	Melancholia ....	A few days ..	Five months..	Gradual Exhaustion .....	Opacity of arachnoid, with effusion of serum underneath—Pia mater loaded—Membranes thickened and tough—Brain-substance oedematous—Hydrothorax, emphysema, and circumscribed masses of grey consolidation of lungs—Dilatation of left ventricle of heart, with contraction of aortic aperture, &c.
847	R.N. ...	25	Dementia and General Paralysis	One week ....	One week ....	Fever, Exhaustion.. .....	A small recent blood coagulum on right hemisphere—Great opacity and thickening of the arachnoid, with much serum and blood in the subarachnoid tissue. Brain-substance rather soft, oedematous, &c.
740	M.Q.....	41	Dementia .....	Unknown ....	Six months ..	Collapse after impending Asphyxia	Vascular injection of brain and membranes—Brain-substance throughout oedematous and soft—Considerable serous effusion—White patches on heart—All the viscera unusually soft.
530	D.M.....	71	Dementia .....	Unknown ....	Twelve months	Decay from Age. ....	Much development of the paccionian bodies, with injection of brain and membranes, the minute arteries tortuous and varicose—Great opacity of arachnoid with much subserum—Choroid plexus vesicular—Heart greatly hypertrophied (18 oz.)—Aortic aperture contracted, segments of aortic valve cretaceous, rigid, hooded—Kidneys granular.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.	12
				Before Admission.	After Admission.			
627	W.W...	50	Dementia .....	Ten months..	Ten months..	Injury from another Patient Inquest.	Brain and membranes pale and exsanguious—Opacity of arachnoid with subserum—Posterior part of right thalamus discoloured and soft—Choroid plexus vesicular—Marks of severe injury, external and internal.	
781	W.H. ....	67	Dementia and General Paralysis ..	Seven weeks..	Four months and a quarter	Exhaustion—Convulsions ..	Vascular injection of brain and membranes—Great opacity of arachnoid, with much effusion of serum, external and internal—Membranes thickened—Erosion of surface of left thalamus, without discoloration of tissue—Arteries of base degenerated—Hydrothorax, with consolidation of left lung—Pericardium universally and closely adherent to surface of heart, &c.	
589	T.O. ....	33	Dementia and Epilepsy	Seven months	Twelve months	Exhaustion, with Chronic Abscess	Great opacity of arachnoid, with much serum, external and internal. Membranes thickened and strong—Brain-substance soft, cedematous Marks of progressing pleuro-pneumonia.	
861	D.D. ....	—	Monomania .....	Unknown .....	Two weeks ..	Killed in an attempt to force himself in the night through a ventilating aperture: Inquest	Much vascular congestion of brain and membranes—Opacity of arachnoid, with but little serous effusion—Membranes thickened, sinuses loaded—Congestion of thoracic and abdominal viscera.	
560	J.B. ....	39	Mania—General Paralysis	Three weeks..	Thirteen months	Exhaustion, with Chronic Abscess	No examination.	



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
34	R.W. ...	15	Idiotcy and Epilepsy	Five years....	Twenty-three months	Epileptic Fits—Coma .....	Irregular consolidation of lambdoid suture—Diploe much congested, and internal table extensively marked by a multitude of superficial furrows, like the channels in worm-eaten wood—Much dark congestion of brain and membranes; latter thickened—Brain-substance firm and dry, with convolutions compressed and packed—Cretaceous tubercles in lungs—Mesenteric glands enlarged.
351	J.M. ....	37	Dementia .....	Unknown .....	Nineteen months	Exhaustion, with Chronic Abscess	Opacity of arachnoid, with much serum, external and internal; former from pressure, causing atrophy of some of the convolutions—Membranes thickened—Brain-substance softened, the central septæ almost diffident—Marks of chronic broncho-pneumonia.
49	W.P. ....	32	Melancholia .....	Three years ..	Twenty - three and a half months	Exhaustion, with Phthisis Pulmonalis	No examination.
737	D.T. ....	38	Dementia—General Paralysis	Two or three years	Seven months	Exhaustion—Convulsions ...	No examination.
656	J.S.P. ....	36	Dementia .....	Eighteen months	Ten and a half months	Exhaustion, with Phthisis Pulmonalis	No examination.
53	C.C. ....	38	Mania.....	Seven months	Twenty-three months	Convulsions .....	Much congestion of membranes of brain—Opacity of arachnoid, with much serum, external and internal—Membranes thickened, adherent to brain-substance, which latter was softish—Sinuses loaded.



*Post Mortem Appearances.*

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	
				Before Admission.	After Admission.		
184	H.T. ....	51	Mania — General Paralysis	Eighteen months	Twenty-one and a half months	Gradual Decline, with Consumption	A thin layer of recently effused blood in base of skull—Opacity of arachnoid, with much serum, external and internal—Brain and membranes much injected; latter thickened & adherent to the former, which was soft—Blood effusion on choroid plexus—Central septa softened—Tubercles in lungs, with cavities.
853	J.C. ....	68	Melancholia .....	One month ..	One month ..	Exhaustion after Excitement	Vascular injection of brain and membranes—Opacity of arachnoid, with serous effusion, external and internal—Brain-substance tough and leathery—Sinuses loaded—White patches on heart—Pleuræ and pericardium strikingly dry, without the least moisture.
817	R.V. ....	30	Melancholia .....	Two weeks ...	Three months	Exhaustion, with Phthisis Pulmonalis	No examination.
843	J.S. ....	58	Monomania .....	Unknown ....	Two months ..	Exhaustion, with Chronic Abscess	Brain and membranes pale and exsanguinous—Opacity of arachnoid, with moderate subserous effusion—Brain-substance soft œdematous—Central septa broken up, disorganised—Choroid plexus vesicular—Lungs extensively emphysematous.
2	A.B. ....	43	Mania — General Paralysis	Six months ..	Two years ....	Exhaustion—Convulsions ...	Great vascularity of brain and membranes—Opacity of arachnoid, with much serous effusion, external and internal—Membranes thickened, adherent to brain-substance, which was soft—Minute tubercular deposits on surface of lungs, with a large cicatrix in left upper lobe.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
829	W. B....	45	Dementia—General Paralysis	Three weeks..	Three months	Exhaustion—Coma, with Congestion of Lungs	Congestion of brain and membranes, with slight blood effusion in left occipital fossa—Great opacity of arachnoid, with much serum, external and internal—Membranes thickened, and adherent to convolutions—On convexity of left posterior lobe a patch of softened brain debris, of yellow colour, as if it contained pus, with blood effused in the surrounding medullary tissue—Blood tumours, size of half a walnut, projecting on surface of pulmonary pleurae.
901	W. T. ..	38	Mania.....	One month ..	Twenty-five days	Exhaustion—Convulsions ..	No examination.
718	R. S...	43	Dementia—General paralysis	Three months	Nine months	Exhaustion, with Congestion of Lungs	Vascular injection of brain and membranes, with several minute patches of subarachnoid ecchymosis—Opacity of arachnoid, with serous effusion, external and internal—Membranes thickened, adherent to brain substance which was soft—Choroid plexus vesicular—Marks of commencing pleuro-broncho-pneumonia.
900	R. P.....	60	Melancholia .....	Two or three months	Five weeks ..	Exhaustion—Diarrhoea ....	Increased vascularity of brain and membranes—Slight opacity of arachnoid, with moderate serous effusion—Cineritious substance pale, not defined—White patches on surface of heart, with pericardium adherent by shreddy bands to ascending aorta—Tunics of latter degenerating—Dysenteric changes of entire colon—Kidneys injected with cysts on surface.



*Post Mortem Appearances.*

<i>No. in Register</i>	<i>Name.</i>	<i>Age.</i>	<i>Form of Mental Disorder.</i>	<i>DURATION OF INSANITY.</i>		<i>Apparent Cause of Death.</i>	<i>Post Mortem Appearances.</i>
				<i>Before Admission.</i>	<i>After Admission.</i>		
849	P. D. ....	40	Dementia — General Paralysis	Unknown ....	Three months	Gradual decline .....	Chronic abscess on sternum, destroying the bone, by its posterior wall adhering to pericardium—Much serum in arachnoid sac—Visceral and reflected layers of this membrane adhering in points by small scales of osseous deposit — Brain and membranes injected; latter thickened and adherent to convolutions.—Arachnoid opaque, with much serous effusion — Latent tubercles in lungs.
675	G. P. ....	41	Mania (acute) ....	Five weeks ..	Eleven months	Exhaustion — Stupor and convulsions	No examination.
294	J. P. ....	42	Mania and Epilepsy	Two years....	Twenty - one months and a quarter	Suffocation by choking—Inquest.	Congestion of brain and membranes; latter greatly thickened and adherent to convolutions—Much opacity of arachnoid, with great serous effusion, external and internal—Cineritious substance pink—Tubercular cavities in lungs—Pericardium adherent by fibrous bands to free margin of left ventricle, and to the roots of the large arteries, &c.
424	H. M. ..	60	Mania .....	Unknown ....	Eighteen months and three quarters	Exhaustion, with symptoms of Rheumatic gout	Membranes of brain injected—Great patchy opacity of arachnoid, with much diffused subserum—Membranes greatly thickened—Brain substance anemic—Choroid plexus contained a granular deposit—Universal adhesion of pericardium to heart—Much cheesy tubercle deposited in the connecting medium, and in bronchial glands—none in lungs.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSAINTY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
917	J. N.....	34	Monomania — General Paralysis...	Unknown ....	Three weeks..	Gradual decline .....	Surface of brain stained with blood, (post mortem ?) — Opacity of arachnoid, with much serum, external and internal — Membranes greatly thickened — Brain substance firm, hard — Crude tubercles in lungs, with upper lobes carnified.
851	L. G.....	40	Dementia .....	One month ..	Three months	Disease of brain—Convulsions	No examination.
912	J. T.....	22	Mania and Epilepsy	Eighteen months	One month ..	Asphyxia in an epileptic fit— <i>Inquest.</i>	Surface of Brain dark purple, from congestion of vessels—Brain itself very firm, compressed, and seemed hypertrophied—But slight opacity of arachnoid, with but little serous effusion, but this blood-tinged—Minute arteries of pia mater tortuous — Cineritious layer pink—Sinuses loaded—Obsolete tubercles in lungs.
916	W. V. ..	44	Dementia — General Paralysis	Unknown ....	Twenty - one days	Gradual decline .....	No examination.
787	D. C.....	43	Dementia and Epilepsy	Three months	Six months and a half	Gradual decline .....	Increased vascularity of brain and membranes — Slight opacity of arachnoid, and very little serous effusion—Choroid plexus vesicular — Sinuses loaded—Heart large, hypertrophied Dysenteric changes in colon.
651	E. H. ..	39	Mania—Paroxysms	Twelve weeks	Twelve months and a half	Gradual decline .....	Increased vascularity of brain and membranes — Opacity of arachnoid, with much serum, internal and external—Membranes thickened — Arteries of base extremely small—Cirrhosis of liver.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
700	F. K. ..	37	Dementia — General paralysis	Three weeks..	Ten months and a quarter	Exhaustion when convalescent from dysentery	Increased vascularity of brain and membranes — Opacity of arachnoid, with much serum, internal and external — Cineritious layer soft and pink — Mucous surface of colon pale, but rough, without ulceration — Mesenteric glands enlarged — Celiac glands converted into large cretaceous masses.
291	J. S. ....	48	Mania and Epilepsy	Three years & a quarter	Twenty - one months and three quarters	Gradual decline .....	No examination.
38	E. S. ....	31	Idiotcy and Epilepsy	Twenty-two years	Twenty - five months	Exhaustion — Dysentery ....	Brain and membranes pale, anæmic — Opacity of arachnoid, with much serum, external and internal — Anterior projection, with lateral compression of thorax — Colon soft and thickened, its mucus surface congested with minute follicular ulcers throughout.
312	G. P. ....	—	Mania .....	Unknown ....	Twenty - one months and a half	Exhaustion, with phthisis pulmonalis	Brain and membranes pale, anæmic — Opacity of arachnoid, with moderate serous effusion — Choroid plexus granular — Large quantity (3 or 4 lbs.) of blood tinged serum in each pleural sac — Both lungs solidified, infiltrated with tubercle, &c., with large cavities; left most affected — Melanotic ulcers in bowels.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
751	G. G. ....	58	Melancholia .....	Unknown ....	Eight months & three quarters	Gradual Decline—Dysentery	Much vascular injection of brain and membranes—A thick false membrane on left anterior lobe, with blood globules in its meshes—Opacity of arachnoid, with much serum, external and internal—Membranes thickened—Both lungs extensively pervaded by crude scattered tubercles—Heart large—Aorta and its valves diseased—Ulcers, &c., of colon.
837	J. P. ....	50	Dementia — General Paralysis,	Six months....	Four months and a quarter.	Gradual Decline—Dysentery	Brain and membranes pale, the vessels being empty, former rather soft—Opacity of arachnoid, with moderate serous effusion, external and internal—Cretaceous deposit in choroid plexus—Arteries of base atheromatous—Several blood cavities in various parts of brain—Lungs congested—Heart hypertrophied—Colon congested, rough.
43	J. H. ....	43	Mania — General Paralysis.	Five years ....	Twenty-five months and a quarter.	Gradual Decline .....	Brain and membranes pale anæmic with several small patches of subarachnoid ecchymosis in vertex—Opacity of arachnoid, with very little serum external or internal—On inner anterior margin of right corpus striatum, a small cavity underneath the lining membrane, with fluid debris and surrounding rustiness—Cicatrices with cretaceous tubercles of lungs — Liver much diseased — Kidneys granular and vesicular.



*Post Mortem Appearances.*

<i>No. in Register</i>	<i>Name.</i>	<i>Age.</i>	<i>Form of Mental Disorder.</i>	<i>DURATION OF INSANITY.</i>		<i>Apparent Cause of Death.</i>	<i>Post Mortem Appearances.</i>
				<i>Before Admission.</i>	<i>After Admission.</i>		
353	R. W. ..	30	Mania (Acute).....	Unknown ....	Twenty months and three quarters.	Gradual Decline .....	Considerable vascularity of brain, with some patches of subarachnoid ecchymosis.—Opacity of arachnoid, with but little serum external or internal.—Brain-substance rather soft.—Cortical layer of pink hue, the central septa soft.—A thick cyst in each choroid plexus, with opaque granules.—Marks of not very old pleurisy, circumscribed blood-tumours in lung tissue.—Marks of recent pericarditis.—Kidneys injected, with minute abscesses size of pin-heads in their tissue.
862	J. T. ....	—	Dementia .....	Many years ..	Three months and three quarters.	Fever, with speedy Exhaustion.	Arachnoid lining of dura mater lubricated with a yellow mucoid secretion.—Opacity of arachnoid with moderate subserum.—On convexity of left anterior lobe, a longish fissure with rusty borders, penetrating through cineritious layer, which was of pinkish hue.—Surfaces of corpora striata eroded.—Choroid plexus vesicular.—Circumscribed blood-tumours in lung-tissue, with drops of pus in some of them.—Liver congested.—Kidneys of dark bile hue.
306	E. K. ....	34	Mania.....	Unknown ....	Twenty-three months and a quarter.	Epileptic Fit— <i>Inquest</i> .....	Skull very thick (half an inch) and heavy, internal table marked by numerous wavy channels.—Brain and membranes much congested.—Mass of bone, 1½ inches long, and half an inch broad, of arched form, rough and irregular on surface, embracing the falx.—Opacity of arachnoid.—Membranes thickened, with but little serous effusion.—Intense congestion of thoracic and abdominal viscera.



*Post Mortem Appearances.*

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
645	R. H. B.	40	General Paralysis..	Eighteen months	Thirteen months and a half.	Supervention of Acute disease of Brain—Fever, Stupor, &c.	Internal table of skull on right side marked by an extensive network of minute channels—On entire right hemisphere a very thick false membrane composed of two distinct layers readily separable from each other—On anterior part of left hemisphere a thin layer of recently effused lymph. Patchy opacity of arachnoid, with but little serous effusion—Complete consolidation of right lung, with a single small abscess in superior lobe—Segments of aortic valve reticulated, &c.
941	W. W....	38	Mania.....	Three weeks..	One month ..	Dysentery—Exhaustion ....	Opacity of arachnoid—Membranes injected, thickened—Brain-substance pale—A gray cyst in each choroid plexus—Arteries of base atheromatous—Congestion, thickening, with ulcerations of colon.
579	A. J. C..	33	Mania.....	Eighteen months	Fifteen months and three quarters.	Convulsions—Coma .....	Intense vascularity of brain and membranes—Opacity of arachnoid, with moderate quantity of serum, external and internal—Membranes thickened, adherent to brain-substance, which latter was firm, hard—Cortical layer pink—Choroid plexus vesicular, arteries of base atheromatous—A few scattered tubercles throughout lungs—Mesenteric glands enlarged, some cretaceous.



<i>No. in Register</i>	<i>Name.</i>	<i>Age.</i>	<i>Form of Mental Disorder.</i>	<i>DURATION OF INSANITY.</i>		<i>Apparent Cause of Death.</i>	
				<i>Before Admission.</i>	<i>After Admission.</i>		
969	H. R. B.	35	Melancholia .....	A few days....	Four days....	Exhaustion, with Fever—Typhoid.	Much vascularity of brain and membranes—Great opacity of arachnoid, with a good deal of turbid serum, external and internal—Membranes greatly thickened, adherent in places—Cysts in choroid plexus—Brain-substance soft, the central septa especially so—A few crude tubercles scattered throughout both lungs, with an extensive cicatrix in left upper lobe—Duodenal glands ulcerated.
923	J. L.....	40	Mania.....	Unknown ....	Two months and a quarter.	Convulsions—Exhaustion ..	Brain and membranes injected—Great opacity of arachnoid, with moderate serous effusion, external and internal—Membranes thickened—Brain-substance soft—Scattered tubercles in both lungs, with circumscribed blood-tumours projecting on their surface, with pleuro-pneumonic marks on left—Duodenal glands ulcerated—Mesenteric glands enlarged, some cretaceous.
927	M. M.....	53	Dementia—General Paralysis.	Unknown ....	Two months..	Gradual Decay—Coma .....	Brain and membranes pale, bloodless—Ventricles large—One or two small cavities with disorganised debris in left corpus striatum—entire anterior convexity of right underneath lining membrane occupied by brownish broken up tissue, covered by tough coriaceous layer, like a slough, probably of tubercular nature—the disintegration extended deeply—Lungs much loaded, with a shotty feeling to fingers drawn along surface—Heart large—Left ventricle greatly hypertrophied, coronary arteries converted into bone.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	
				Before Admission.	After Admission.		
934	C. D....	21	Mania .....	Five days ....	Seven weeks..	Exhaustion from Phthisis Pulmonalis	Brain and membranes pale, anæmic—Opacity of arachnoid, with a moderate quantity of serum, external and internal—On apex of left middle lobe a superficial rusty patch, size of finger nail, penetrating through entire cineritious layer, without softening—Close by overhanging fissure of Sylvius a semi-collapsed vesicle or cyst, size of a marble, with strong walls, and adherent to brain-substance—Lungs extensively infiltrated with tubercle, with numerous cavities—Ulcers of bowels, &c.
716	T. S. ..	51	Dementia .....	One month ...	Eleven and a half months	Coma, &c. ....	Brain and membranes very vascular, with several patches of subarachnoid ecchymosis—Opacity of arachnoid, with much serum, external and internal—Membranes greatly thickened—A blood coagulum in cervical portion of spinal canal—Aorta, &c. degenerated.
853	G. O....	19	Imbecility.....	Two months..	Four and a half months	Exhaustion from Phthisis Pulmonalis	Increased vascular injection of brain and membranes, with but slight sensible changes in brain and membranes—Large tubercular cavities in lungs, with numerous small tubercles and ulcers in bowels.
327	J.W.W.	34	Mania .....	Eleven years..	Twenty - three months	Exhaustion with Diarrhœa ..	Brain and membranes pale, anæmic, with but slight sensible morbid changes, viz., opacity and moderate serous effusion, with enlarged ventricles—Much tubercular infiltration of lungs, with large cavities—Ulcers of ileum and colon—Granular deposit in kidneys.



<i>No. in Register</i>	<i>Name.</i>	<i>Age.</i>	<i>Form of Mental Disorder.</i>	<i>DURATION OF INSANITY.</i>		<i>Apparent Cause of Death.</i>	<i>Post Mortem Appearances.</i>
				<i>Before Admission.</i>	<i>After Admission.</i>		
597	W. R...	35	Dementia — General Paralysis	Six months ..	Fifteen and a half months	Coma and Convulsions .....	Intense vascular injection of brain and membranes—Great opacity of arachnoid, with much serum (blood-stained), external and internal—Membranes thickened, adherent to brain-substance, &c.
956	W. R...	46	Dementia — General Paralysis	Nine years ...	Six weeks ....	Coma and Convulsions .....	Brain and membranes greatly injected—Opacity of arachnoid—Brain-substance firm and hard—Cortical layer purplish—Ventricles large, filled with tinged serum—Arteries atheromatous—White patches on surface of heart—Aorta degenerating—Cysts of kidneys.
947	J. B. ..	43	Dementia — General Paralysis	Two years .....	Two months ..	Convulsions — Coma — Exhaustion	Opacity of arachnoid—Membranes closely applied to convolutions, which were small and packed—Ventricles greatly dilated, with clear serum—Marks of asthenic broncho-pneumonia—Kidneys hypertrophied, with cysts on surface.
196	J. R. E.	36	Mania.....	Six months ..	Twenty - six months	Gradual Decline .....	Great opacity of arachnoid, with much serum, external and internal—Thickening of the membranes, with much development of the Pacchionean bodies — Tubercular cavities in both lungs—Mesenteric glands enlarged, tubercular.
884	W. K. ...	36	Dementia — General Paralysis	Eighteen months..	Five months..	Gradual Decline .....	No examination.



*Post Mortem Appearances.*

No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
957	J. G....	36	Mania (acute) ....	Four months..	Seven weeks..	Exhaustion after Mania.....	Brain and membranes much injected—Opacity of arachnoid, with much serum, external and internal—Membranes thickened—Ventricles large—Choroid plexus vesicular—Cineritious substance pinkish—Kidneys injected.
922	W. H. H.	30	Dementia — General Paralysis	Two years....	Three months and a half	Exhaustion—Convulsions ..	Brain and membranes much injected — Great opacity of arachnoid, with much serum, external and internal, and drops of thick pus here and there—Membranes thickened—Ventricles enlarged—Arteries atheromatous—Scattered tubercles in lungs.
838	W. R. S.	32	Monomania .....	One week ....	Six months and three - quarters	Exhaustion from Chronic Dysentery	Entire vertex covered with a thick pale yellow false membrane—Opacity of arachnoid, with much serum, external and internal—A few crude tubercles scattered in right lung—Much injection of ileum.
428	W. M...	36	Melancholiaj.....	Twelve months..	Twenty-two months	Convulsions—Exhaustion ...	No examination.
991	B. T....	53	Dementia .....	Nine months..	Nine months..	Febrile Exhaustion .....	Brain and membrane much injected, with spots of blood exudation in frontal region.—Opacity of arachnoid, with much serum external and internal—Marks of pleuro-pneumonia, with an abscess in right upper lobe—White patches on heart—A perfect cyst. distended with clear fluid, in centre of right kidney.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
741	P. H. . . .	66	Monomania . . . . .	Two months . .	Twelve months	Coma . . . . .	Membranes much injected, many of the minute arteries tortuous—Opacity of arachnoid, with much serum, external and internal—Eroded cavities in brain-substance, irregular in shape, without surrounding softening or rustiness—Arteries atheromatous—Marks of asthenic pleuro-pneumonia—Aorta greatly hypertrophied—Aortic valve rigid, with cretaceous deposit—Kidneys granular, anemic, with cysts.
945	R. F. . . .	39	Dementia . . . . .	Eleven months	Three months	Gradual Decline . . . . .	Brain and membranes anemic, the minute arteries tortuous—Great opacity of arachnoid, with much serum, external and internal—Membranes thickened—Brain substance firm hard—Arteries of base very small—Scattered tubercles in upper lobes of right lung—White patches on the heart—Kidneys granular.
519	F. R. . . . .	52	Dementia . . . . .	Unknown . . .	Nineteen months	Dysentery, with pulmonary congestion	Congestion of brain and membranes—Sensible changes but slightly marked—Brain substance firm, hard—Marks of the early stage of broncho-pneumonia, with pulmonary apoplexy—Entire colon injected, with numerous ulcers, &c..
59	R. M. . . .	52	Melancholia . . . . .	Two years . . .	Twenty-eight months	Apoplexy . . . . .	Much dark fluid blood escaped in examination—Much sub-arachnoid ecchymosis of florid hue in vertex, increased in the sulci, and forming grumous coagula in base—Ventricles large, with blood coagulum in third and fourth—Tubercles in apices of lungs—Heart greatly hypertrophied.



No. in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
940	R. S.....	32	Dementia.....	Eight months	Three months and a quarter	Convulsions and Paralysis—Exhaustion	Injection of brain and membranes—Opacity of arachnoid, with much serum, external and internal—Pachionian bodies much developed—A peculiar livid hue of the cineritious substances on the base—Pus like serum in base—Heart and kidneys large.
879	J. D.....	48	Dementia.....	One month ..	Six months ..	Gradual decline—Pulmonary congestion	Great opacity of arachnoid, with much serum external and internal—Pachionian bodies developed—Membranes thickened, adherent—Brain substance hard—Marks of commencing broncho-pneumonia. No examination.
648	L. C.....	63	Dementia.....	Ten months ..	Sixteen months and a quarter	Gradual decline—Pulmonary congestion	
977	D. N. ..	67	Dementia—General paralysis	Unknown ....	Seven weeks..	Gradual decline .....	Opacity of arachnoid, with much serum, external and internal—Pachionian bodies developed—Membranes thickened—Brain substance firm—Cineritious layer purple—Eroded cavities in centra ovalia and corpora striata—Arteries atheromatous—Lungs emphysematous—Heart hypertrophied—Kidneys injected, with cysts in cortical part.
937	W. J. ..	53	Melancholia.....	Unknown ....	Six weeks ....	Convulsions—Coma .....	Opacity of arachnoid, with much serum, external and internal—Membranes thickened—Brain substance firm—Ventricles large—Arteries degenerating—Old grey circumscribed consolidation of lung tissue—Cavities of heart dilated with but slight hypertrophy of their walls—Aorta atheromatous—Large cysts in kidneys.



No in Register	Name.	Age.	Form of Mental Disorder.	DURATION OF INSANITY.		Apparent Cause of Death.	Post Mortem Appearances.
				Before Admission.	After Admission.		
209	W. N. . .	38	Epilepsy and Pa- ralysis	Unknown . . .	Twenty-seven months and a half	Gradual Decline—Dropsy....	Blood coagulum on right hemisphere—Sub- arachnoid ecchymosis on left—Yellow soften- ing, with disintegration of apex of left middle lobe — Atrophy and disintegration of left optic nerve, and optic commissure—Disinte- grated cavities of corpora striata—Hydro- thorax—Hyatid cyst of liver—Kidneys pale, hypertrophied.
745	E. C. ....	44	Dementia — Gene- ral Paralysis	Two years and a half	Twelve months and three quarters	Gradual Decline,.....	No examination.
617	P. M. . .	36	Mania.....	Five or six weeks	Seventeen and three quarter months	Convulsions, Coma, and Para- lysis	Opacity of arachnoid, with serous effusion, ex- ternal and internal—Membranes thickened —Brain substance softened, œdematous.
714	J. P. ....	36	Dementia and Epi- lepsy	A fortnight ..	Fourteen months	Fits—Coma—Exhaustion....	No examination.



# MEDICAL REPORT

OF THE

FEMALE DEPARTMENT,

*From Jan. 1st to Dec. 31st, 1853.*

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MY LORD AND GENTLEMEN,

I have the honour to submit to your perusal the accompanying Medical Report, with Tables respecting the different cases that have been under treatment during the year, together with the Admissions, Discharges, and Deaths occurring in the same period ; and it is gratifying to be able to state, that notwithstanding the immense mass of unhealthy Patients who are assembled in the different Wards of your Asylum, that no disease of an epidemic character has occurred during the twelve months.

In consequence of the House being nearly full at the end of the year 1852, the Admissions of Patients have not been quite so numerous, amounting to 138, whilst during the year 42 have been discharged as recovered, 16 relieved, and 8 not improved, have been removed to other Asylums, and 73 have died, leaving 728 Patients under treatment in the Asylum on December 31, 1853, vacancies for 8 persons only



remaining in the various Wards of this Department of your Asylum.

It is no small testimony in favour of this and similar Institutions, that we have proof of the public mind gaining confidence in the rational mode of treatment now generally adopted, that 12 persons have been admitted during the year, having been from eight to twenty years insane, helpless and afflicted, on the hands of their relatives. It is evident that such cases cannot be reckoned as objects of immediate cure, experience proving that bodily health must precede mental amelioration; but we have to record amongst the above cases strong indications of an improved condition of body. Another good effect is produced on the public mind, by attention being called to the Insane under home treatment, which appears in the improved bodily condition of the Patients admitted.

Amongst a variety of cases interesting and important in connexion with the medical and surgical science, the following may not be omitted, being one of the most extraordinary on record, viz., M. T., admitted February 22, 1853, age 55, married, the subject of Melancholia, with strong suicidal tendency, two years insane, and had been previously an inmate of two Asylums, from which she was discharged incurable, in a paroxysm of excitement seized a knife in her own house and cut herself across the navel; being the subject of umbilical hernia, the fœces escaped, and there is now an artificial opening through which they continue to pass; the body is tolerably well nourished. Without remedy and beyond the aid of skill, we behold the exquisite adaptation of nature to sustain life and frustrate the irresponsible act of self-destruction.



The Removals of the past year have amounted to 16, being adjudged to their respective Parishes and Counties. I would strongly urge the propriety of effecting further accommodation for the populous County of Middlesex, by active means being immediately taken to remove such Patients as yet remain with us, being chargeable to other localities.

Amongst the 42 Recoveries discharged this year, the case of S. A. proves the advantage of early treatment, and the disclosure of existing facts in cases of mental disease. From the peculiar delusion of believing herself to be dead and buried, she was recovered in ten days, and dismissed in two months; the originating cause of aberration being an alarm at her husband returning from America after she had believed him to have been dead for some years. Another interesting case of recovery is that of H. D., received in an active state of Mania, and under restraint; she was much emaciated, with sores on the back and ankles. Her gradual amendment, perfect recovery, and release in three months, issued in an overflow of gratitude which must have warmed the hearts of all connected with the Institution. Although Epileptic Melancholia and other mental diseases accompanied with Epilepsy, are generally considered incurable, the following case affords an exception, and shows the danger and indiscretion of exciting fear in persons thus affected, viz., A. P., who was alarmed during an early seizure of Epilepsy, became deluded and maniacal, retaining the impression for some months that she was buried. Under the idea that she was feigning her fits, she had been threatened with burial, and it so occurred that during one fit an undertaker casually called at the house, which circumstance so terrified her, in connexion with the threat, that a succession of fits and Melancholia ensued. Recovery from the delusion was effected in four months.



The Deaths bear the same proportion with the last return, not requiring any special remarks. Considering the number of Inmates and the character of disease, it is a source of thankfulness to have no fatal casualties to record. One fractured arm occurred in consequence of a Patient struggling and fighting; a broken collar-bone, occasioned by an accidental fall; and an Epileptic Patient was scalded by a sudden fall upon a kettle. A few other minor injuries have occurred by falls during Epileptic seizures.

Four determined acts of Suicide have been attempted, some of which would probably have terminated fatally but for the resolution, promptitude, and carefulness of the Nurses, who night and day have kept their attention alive to their momentous duties. Nothing less than personal observation could enable me to testify to their active watchfulness at all hours. Two of these suicidal attempts were by bleeding, and two by strangulation, and three of them occurred by night.

As far as possible, a plan of industry has been maintained in the House, which, as a means of discipline and occupation, has conduced materially to the well-being and comfort of the Inmates. Thankful for several contributions of books and pictures, much recreation has been derived from them; but still hundreds of persons, variously qualified, call for a larger supply. Edification, as well as pleasure, depends upon it. Whilst the Public is enabled to judge of the enjoyment afforded to this afflicted community by the well ordered Summer and Winter Entertainments which they witness, it is gratifying to be able to state that the tone of spirits effected by such recreation has been enlivening and salutary; and the privilege extended by your Committee for



the occasional temporary leave of absence, in company with an Attendant, has been duly appreciated.

Your Committee have materially relieved me in the routine of many of the minor duties that necessarily devolved upon me, by appointing a qualified Apothecary for the Female Department, from whom I have derived much assistance. I am hereby enabled to visit the Wards more frequently, and bestow greater attention to the classification of the Patients, by which means they are more easily managed, and the seclusions rendered less frequent.

Fully coinciding with the plans hitherto adopted for the benefit of this Institution, and relying upon your future support in furthering the comforts of the Patients committed to my care,

I have the honour to remain,

My Lord and Gentlemen,

Your most obedient and very humble Servant,

WILLIAM GURSLAVE MARSHALL,

*Medical Superintendent, Female Department.*

*January 1st, 1854.*



## FEMALE DEPARTMENT.

## TABLES OF THE ADMISSIONS OF PATIENTS, &amp;c., FOR 1853.

TABLE I.

*Admissions and Discharges, with the Number of Deaths,  
for the Year 1853.*

Number of Patients in the Asylum, January 1st, 1853 .....	729
Admitted during the Year .....	138
Discharged as Recovered .....	42
Relieved .....	8
Removed to other Asylums, not im- proved .....	16
Number of Deaths .....	73
Remaining on the Books, December 31st, 1853 .....	728

TABLE II.

*Form of Mental Disease of the 138 Admissions.*

Mania .....	3	Paralysed.	Epileptic.
Recurrent and Chronic Mania .....	15		
Puerperal .....	4		
Hysterical and Epileptic .....	11		11
Mania, with Paralysis .....	1	1	
Monomania .....	4		
Melancholia .....	35		
Dementia .....	4	3	1
Senile Imbecility .....	3		
Idiotcy and Imbecility, with Epilepsy .....	24		10

TABLE III.

*Length of Time Mentally Afflicted prior to admission, of the 138 Admissions.*

Under 6 Months .....	65
" 12 " .....	9
" 2 Years .....	12
" 3 " .....	2
" 4 " .....	3
" 5 " .....	1
" 6 " .....	5
" 7 " .....	6
" 8 " .....	4
" 9 " .....	1
" 10 " .....	1
" 20 " .....	6
Birth .....	3
Unknown .....	20



TABLE IV.

*The Discharges and Deaths of the 138 admissions in 1853.*

Number of Patients Recovered .....	16
Relieved .....	3
Not improved, being removed to other } Asylums .....	8
Died .....	16
Remaining in the Asylum .....	95

TABLE V.

*Ages of the Admissions.*

Under 15 Years of Age.....	5
"    20          "    ....	10
"    30          "    ....	31
"    40          "    ....	27
"    50          "    ....	38
"    60          "    ....	15
"    70          "    ....	10
"    80          "    ....	2

TABLE VI.

*Civil Condition.*

Married.....	45
Single. ....	77
Widowed .....	15
Unknown .....	1

TABLE VII.

*Education.*

Well Educated.....	1
Read and Write .....	96
Read .....	28
Not Educated .....	13

TABLE VIII.

*Religious Persuasion.*

Jewish . ....	3
Church of England.....	53
"    Rome .....	14
Other Denominations . ....	49
Not known .....	19



TABLE IX.

*The assigned Causes of the Mental Disease of the 138 admissions.*

MORAL.		PHYSICAL.	
Fright .....	4	Fever.....	2
Loss of Husband .....	3	Intemperance .....	7
„ Son .....	1	Fracture of Arm .....	1
„ Property .....	1	Fall in Infancy .....	1
„ Situation .....	2	Hereditary .....	21
Disappointment .....	6	Congenital .....	8
Fear of Poverty .....	6	Epilepsy .....	17
Unkindness of Son-in-Law ..	1	Pregnancy .....	2
Anxiety .....	3	Climacteric .....	5
Death of Mother .....	1	Disease of Brain .....	1
Ill Treatment of Husband ..	2	Apoplexy .....	2
Hearing a Sermon .....	1	Over work .....	2
Immorality .....	2	Over fatigue.....	1
Pride.....	1	Unnatural development ....	1
Grief.....	5	Puerperal .....	9
Desertion of Husband.....	1		
Unknown .....	18		

TABLE X.

*Occupation of the 138 Patients.*

Gentlewoman .....	1	Silkwinder .....	1
Governesses .....	2	Glove Cleaner .....	1
Teacher of Music.....	1	Willow Weaver .....	1
Artificial Flower Maker ....	1	Beer House Keeper.....	1
Farmer's Wives .....	2	Lodging House Keeper ....	1
Mechanic's „ ..	1	Costermonger .....	1
Jeweller's „ .....	1	Charwomen .....	4
Arcitect's „ .....	1	Servants .....	34
Gardener's „ .....	1	Dressmakers & Needlewomen	18
Bricklayer's „ .....	1	Laundresses .....	8
Painters' „ .....	2	Laborers' Wives .....	4
Cabman's „ .....	1	„ Daughter .....	2
Tailor's „ .....	1	In humble condition .....	10
Tailoresses .....	2	No occupation .....	18
Fruitseller .....	1	Unknown .....	10
Straw Bonnet Maker .....	1	Shoebinders .....	3



**Middlesex County Lunatic Asylum,**  
**COLNEY HATCH.**

TABLE XI.

**LIST OF DISCHARGES AND REMOVALS**  
**DURING THE YEAR 1853.**

No. in Register.	Names.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
472	M. G. .	42	..	..	1	{ Chronic Mania and Epileptic .....	6 years ....	1 year 3 months.
905	M. F. .	46	..	1	..	Mania .....	2 years ....	1 year 2 months
926	L. E. .	34	..	1	..	Epileptic and Imbecile	1 month ....	6 weeks.
748	C. L. .	51	..	..	1	Mania .....	3 weeks ....	11 months.
524	J. F. .	28	..	..	1	Mania .....	3 months ..	15 months.
779	K. D. .	22	..	1	..	Melancholia .....	1 month ....	9 months.
824	E. B. .	32	1	..	..	Melancholia .....	13 months .	9 months.
131	S. P. .	41	1	..	..	Chronic Mania .....	4 years ....	1 year 5 months.
889	A. P. .	45	1	..	..	{ Melancholia and Epileptic .....	14 days ....	4 months 1 week .
848	C. S. .	17	1	..	..	Mania .....	1 week ....	7 months.
820	J. L. .	26	1	..	..	Melancholia .....	3 years ....	9 months.
947	S. L. .	28	..	..	1	Mania .....	1 month ...	1 month.
870	E. W. .	27	1	..	..	Mania .....	6 months ..	7 months.
114	S. F. .	36	1	..	..	Chronic Mania .....	Unknown ..	1 year 5 months.
873	J. C. .	19	1	..	..	Mania .....	Unknown ..	6 months 3 weeks.
934	M. A. M.	38	1	..	..	Melancholia .....	6 months ..	2 months 1 week.
892	M. C. .	44	..	1	..	Mania .....	2 months ..	4 months.
964	S. O. .	17	..	1	..	Mania (Recurrent) ...	2 Weeks ...	3 weeks.
915	A. R. .	67	1	..	..	Mania .....	Unknown ..	4 months.
910	C. L. .	46	1	..	..	Mania .....	Unknown ..	4 months 1 week.
780	M. W. .	37	1	..	..	Mania .....	3 months ..	12 months.
927	J. B. .	26	1	..	..	Mania .....	5 months ..	4 months 1 week.
945	H. D. .	42	1	..	..	Mania .....	18 days ....	3 months 3 days.
347	H. K. .	37	..	..	1	{ Mania and General Paralysis .....	14 days ....	1 year 7 months.
943	H. K. .	35	1	..	..	Mania .....	1 month ....	3 months 2 weeks
944	S. A. .	53	1	..	..	Melancholia .....	10 days ....	3 months 2 weeks
989	A. H. .	37	..	..	1	Mania .....	3 months ..	5 weeks.
928	J. H. .	23	1	..	..	Mania .....	3 weeks ....	5 months 1 week.
836	E. B. .	57	1	..	..	Melancholia .....	2 months ..	10 months 3 weeks
941	M. H. .	56	1	..	..	Melancholia .....	6 months ...	4 months 1 week.
970	C. M. B.	40	..	..	1	Mania .....	Unknown ..	2 months 2 weeks.
911	S. T. .	29	..	..	1	Mania .....	3 Weeks ...	5 months 1 week.



No. of Register.	Name.	Age.	Recovered.	Relieved.	Not Improved.	Form of Disease.	TIME INSANE.	
							Before Admission.	After Admission.
862	C.S. ..	26	1	..	..	Mania (Hysterical) ..	6 months ..	9 months 1 week
493	H. B...	un- known	..	..	1	Dementia .....	Unknown ..	1 year 7 months.
948	M. B. ..	39	..	..	1	Mania .....	2 years ....	3 months 2 weeks
969	E. O... ..	48	1	..	..	Mania (Recurrent) ..	1 month . ..	4 months 1 week.
961	R.M.B.	19	..	..	1	Idiotcy .....	r m Birth	4 months.
801	S. T. ...	23	1	..	..	Mania .....	Unknown ..	1 year 3 months.
1005	L. E... ..	34	..	..	1	Mania & Epilepsy....	9 months ..	5 weeks.
42	A. H... ..	42	1	..	..	Mania (Chronic) ....	14 years ....	(1 year, 11 months 2 weeks.
1006	S. S. ...	22	..	1	..	Mania .....	5 days ....	2 months.
1003	H. U... ..	24	1	..	..	Mania (Hysterical) ..	2 weeks ....	2 months 2 weeks.
227	S. M... ..	32	1	..	..	Mania .....	2 months ..	1 year 11 months.
993	J. S. ...	27	1	..	..	Melancholia .....	2 months ..	2 months 2 weeks.
963	E. S. ...	26	..	1	..	Melancholia .....	2 months ..	5 months 3 weeks.
891	M. H... ..	23	1	..	..	Mania .....	Unknown ..	9 months 3 weeks.
410	E.H.W	28	..	..	1	Mania .....	3 weeks ....	1 year 9 months.
997	J. F... ..	19	1	..	..	Mania .....	Unknown ..	4 months.
946	E. B... ..	22	..	..	1	Monomania .....	1 week ....	7 months.
1022	M. L... ..	31	1	..	..	Mania .....	A few days .	8 months 4 days.
940	L. W... ..	15	1	..	..	Mania with Hysteria .	3 weeks ....	8 months.
610	S. D... ..	52	1	..	..	Melancholia .....	12 years ....	1 year 9 months.
883	J. M... ..	53	1	..	..	Melancholia .....	Unknown ..	10 months 3 weeks.
978	C. S. ...	48	1	..	..	Melancholia .....	3 months ..	6 months 2 weeks
790	J. W... ..	27	1	..	..	Mania .....	4 months ..	1 year 6 months.
967	A. H... ..	30	1	..	..	Mania .....	1 month ....	6 months 3 weeks.
1016	S. W... ..	52	1	..	..	Dementia .....	3 months ..	4 months 3 weeks.
1029	M. R... ..	22	1	..	..	Mania .....	2 months ..	3 months 3 weeks.
1049	E. L... ..	35	1	..	..	Melancholia .....	5 years ....	2 months 2 weeks.
875	S. H... ..	34	..	1	..	Mania (Suicidal) ....	3 weeks ....	1 year 2 months.
971	A. G... ..	43	..	..	1	Mania (Chronic) ....	18 months .	9 months.
665	M. B... ..	47	1	..	..	Mania .....	A few weeks	2 years.
998	M. W... ..		1	..	..	Recurrent Mania ....	8 years ....	8 months.
143	G. ... ..	49	1	..	..	Dementia .....	3 years ....	2 years 4 months.
1057	A. ... ..	40	1	..	..	Mania .....	Few days ..	3 months.
828	M. D... ..	37	..	..	1	Chronic Mania .....	4 years ....	18 months.



## No. XII.

## TABLE OF THE YEARLY MORTALITY FOR 1853.

No. of Register	Initial Letter.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.
				Prior to Admission.	Subsequent to Admission.		
288	M. T. ...	31	Imbecility.....	Unknown....	Seventeen months	General debility, with Exhaustion.	Much serum in arachnoid, with opacity—Enlarged ventricles, containing much serum, with serous effusion at base of brain—Pleuritic adhesions of right lung, &c.
827	M. M. ..	40	Mania ....	Three months.	Seven months	Coma .....	No post-mortem examination.
204	A. C.....	62	Mania .....	Four weeks....	Seventeen months	Natural decay.....	No post-mortem examination.
858	L. M. ...	50	Senile Imbecility .	Three months	Five months..	Coma.....	Opacity of arachnoid, with thickening—Much serous effusions—Membranes of brain adherent—Brain substance congested—Ventricles enlarged, and filled with serum—Left upper lobe of lung scattered with tubercles—Recent hepatitis, with abscesses of kidneys.
839	A. E.....	53	Mania .....	One month....	Seven months	Disease of uterus and bowels	Congestion of surface of brain, arachnoid, opaque, and somewhat thickened towards the falx—Brain substance firm and injected—Ventricles large and filled with clear serum. choroid plexuses loaded, as also velum interpositum—Peritoneal inflammation, with purulent effusion, connected with perforated ulcer of body of uterus.



No. of Register	Initial Letter.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.
				Prior to Admission.	Subsequent to Admission.		
36	M. L. ...	33	Dementia .....	Six years .....	One and a-half years	Consumption .....	Much emaciation of body—Brain congested, slight opacity of arachnoid—Ventricles small and narrow—Tubercular cavity in left lung.
784	S. L. ....	43	Dementia, with epilepsy.	Two years .....	Nine months ..	Gradual decay .....	Vascular injection of surface of brain—Opacity of arachnoid, with much effusion of serum—Ventricles dilated, containing serum.
560	S. T. ....	42	Mania ....	Six years .....	One year .....	Consumption .....	Brain vascular—opacity of arachnoid—tubercle in left corpus striatum—Strong pleuritic adhesions of left lung, with cicatrix—Chalky tubercles—Apoplectic infiltration in lower lobe of right lung—Scirrhus of uterus.
247	H. S. ....	59	Dementia .....	Six years .....	One and a-half years	Consumption .....	External sloughy ulceration of integuments of right thigh; had femoral hernia; the sack became inflamed and opened externally, with discharge of feces. No general post-mortem permitted by relatives.
602	M. V. ..	41	Mania, with Epilepsy.	Three years three months	Two years .....	Consumption .....	Body emaciated—Opacity of arachnoid—Ventricles natural size, filled with clear serum—Left lung adherent, consolidated by tubercular infiltration — Right lung having a cyst containing 6oz. of serum, its substance filled with yellow tubercle—Mesenteric glands enlarged—Lips of uterus swollen, congested, denuded of epithelium.



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	
				Prior to Admission.	Subsequent to Admission.		
958	E. M. ..	34	Dementia .....	Thirteen weeks	Three weeks..	Paralysis .....	Vascularity of surface of brain—Opacity of arachnoid—Pia mater loaded with blood and serum—Brain substance firm and injected—Ventricles large and deep, filled with serum—Choroid plexuses and velum purple and congested—Heart and lungs loaded with fluid blood, also liver and kidneys—Lips of uterus congested and denuded of epithelium.
105	J. R. ....	70	Melancholia .....	Four months..	Five months..	Natural decay, with phthisis	Little opacity of arachnoid, ventricles small—Brain weighed 40½ ozs.—Left lung solidified with strong puritic adhesions, tubercle, and cavities of various sizes—Uterus large—Lips rough and pale—Echymosis in the body.
897	M. B. ..	23	Dementia .....	From birth ..	Five months..	Consumption .....	Brain-surface vascular—Opacity, with thickening of arachnoid—Pia mater injected; also softening of brain-substance—Ventricles small—Left lung adherent, also right, the upper lobe of which was broken up, with tubercular cavities containing putrid pus.
57	J. W. ...	46	Melancholia .....	One year and nine months	Fifteen months	Exhaustion, with dysentery	Brain-surface congested, and substance firm and injected—Choroid plexus vesicular—Gangrenous abscess in right lung—Old pleuritic adhesions—Mucous surface of bowels much injected.
62	J. D. ..	42	Dementia .....	Unknown ....	One year and eight months	Exhaustion and diarrhoea....	Brain-surface congested—Slight change of arachnoid—Pia mater injected—Substance of brain firm—Ventricles large—Choroid plexuses large, granular, with yellow tubercle kind of substance in them—Weight of brain, 43½ ozs. Bowels inflated—Peritoneal sac injected—Cecum of greenish tint—Mucous surface injected, and studded with purple papillae.



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	4
				Prior to Admission.	Subsequent to Admission.			
615	A. F. . .	42	Dementia . . . . .	Fifteen months	Two years and three months	Apoplectic coma . . . . .	Great vascularity of surface of brain, with opacity of arachnoid, and subarachnoid fluid—Pia mater loaded—Membranes partially adherent—Brain-substance much injected—Cineritious portion pink—Ventricles dilated—Brain weight, 31½ ozs.—Right lung entirely adherent, in upper lobe of left a gangrenous cavity.	
330	M. A. . .	37	Dementia . . . . .	Four years. . . .	Sixteen months	Coma . . . . .	Vascularity of brain-surface—Opacity of arachnoid—Much fluid—Pia mater loaded—membranes thickened and adherent to convolutions—Brain-substance firm and injected—Ventricles dilated with clear serum—Choroid plexuses vesicular—Brain weight, 39½ ozs.—Old adhesions of left lung, with grey consolidation—A thick flat mass of bony deposit attached to pleura pulmonalis—Disease of uterus and ovaries.	
214	C. P. . .	28	Dementia . . . . .	From birth . .	One year and seven months	Exhaustion from epilepsy . .	Brain-surface vascular—Convulsions compressed—Membranes thickened along the falx—Brain-substance injected, grey layer pink—plexus and velum congested—Sinuses and vessels loaded—Brain weight, 48½ ozs.—Tubercles in lungs—Uterus healthy—Ovaries congested, containing minute solid bodies and cyst.	



No. of Register	Initials.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	
				Prior to Admission.	Subsequent to Admission.		
397	C. P. ..	56	Melancholia.....	One month ..	Eighteen months	Hydrothorax .....	Much congestion of surface of brain, with bloody effusion under the arachnoid, with opacity—Brain-substance soft and oedematous, injected—Grey layer pink—Ventricles large—Vessels large, and beginning to degenerate—Weight of brain, 48½ ozs.—Pleural sacs filled with serum, compressing the lungs—heart hypertrophied—Liver and kidneys granular.
222	E. H. ..	40	Mania & epilepsy	Ten years ....	One and a half years	Epilepsy .....	Great vascularity of surface of brain—Opacity of arachnoid—Convulsions atrophied—centrum ovale quite purple—Choroid plexus and pons varolii congested—Brain weight, 32oz.—Heart soft and flaccid—Lungs healthy—Liver and kidneys congested.
215	M. H. ...	47	Mania, with general paralysis	Ten months ..	Two years....	Coma .....	No post-mortem examination.
210	M. L. ...	22	Mania .....	Unknown ....	Sixteen months	Consumption .....	Vascularity of surface of brain, its substance firm and injected—Grey layer pink—Brain weight, 38½ ozs.—Right lung universally adherent, soft, and collapsed—Anterior lobe of left lung solidified with tubercle and lymph, with excavations throughout.
954	M. R. ....	75	Senile imbecility..	Few months ..	Three months	Natural decay .....	Opacity of the arachnoid, with effusion between the convolutions—Membranes strong and tough—Brain substance natural, and ventricles—Vessels on base beginning to degenerate—Brain, weight 41½ ozs.—Lungs small and collapsed, rough to the feel from deposit of tubercle—Pericardium adhesive to heart and vessels.



No. of Registrar	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	6
				Prior to Admission.	Subsequent to Admission.			
775	A. C.....	33	Chronic mania.....	Thirteen months	Twelve months	Consumption .....	Slight opacity of arachnoid—Brain substance firm and vascular—Brain, weight 45½ ozs.—Both lungs extensively pervaded with tubercular cavities—Heart small, contracted—Mesenteric glands cretaceous—Colon contracted—Lips of uterus congested, denuded of epithelium, and warty, a piece of blanket in the vagina closely adhering to the uterus.	
304	M. C.....	27	Dementia .....	Seven years ..	One year nine months	Gradual decay.....	Considerable vascularity of surface of brain, with opacity of arachnoid—Serous effusion dividing the convolutions—Brain substance very firm—Ventricles of moderate size—Plexuses granular and tubercular—Brain, weight 44½ ozs.—Both lungs studded with tubercles; left, consolidated and compressed in the back part of pleural cavity—Cavities in right lung—Kidneys small, rough, and granular—Lips of uterus denuded.	
262	R. C.....	32	Dementia .....	Not known ..	One year eight months	Consumption .....	Slight opacity of arachnoid—Brain substance firm and injected—Plexuses congested and granular—Brain, weight 42½ ozs.—Right lung adherent and consolidated, with tubercular deposit and cavities—Upper lobe of left, a puckered cicatrix and dry chalky tubercle—Half a pint of muddy serum in each pleura, and same quantity in pericardium—White patches on surface of heart—Old adhesion of all abdominal viscera.	



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.
				Prior to Admission.	Subsequent to Admission.		
520	J. C. ....	32	Dementia .....	Unknown ....	Sixteen months	Consumption .....	Much vascularity of surface of brain—Opacity of arachnoid, with collections of serum in different parts of the convolutions of the brain—Substance of brain firm—Membranes thickened and adherent—Ventricles dilated—Brain, weight 22½ ozs.—Upper lobe of left lung adherent to parietes, through the medium of a large abscess—Grey hepatization of right inferior lobe.
771	C. C. ....	41	Dementia .....	Fifteen years..	One year five months	Consumption .....	No post mortem examination.
622	E. T. ....	44	Dementia .....	Four years....	One year six months	Ditto .....	Great vascularity of brain surface—a well formed false membrane covering the whole of left hemisphere—Opacity of arachnoid—Pia mater loaded—Brain substance firm and injected, grey layer pink, degeneration of olfactory nerves, with bulbs—Atrophy of anterior lobes of brain, without softening—Brain, weight 31½ ozs.—Both lungs extensively pervaded with tuberculated cavities.
987	S. B. ....	48	Melancholia .....	Four months..	Two months..	Exhaustion from dysentery..	Surface of brain vascular—Opacity of arachnoid—Pia mater injected—Membranes thickened—Brain substance firm and injected—Brain, weight 43½ ozs.—Universal adhesion of both lungs—Peritoneal adhesion of liver—Large intestines thickened and fleshy, with vascularity of mucous surface—numerous pink elevations—Uterus normal—Right ovary encysted.



No. of Register	Initials.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	8
				Prior to Admission.	Subsequent to Admission.			
148	H. W. ..	38	Dementia .....	Nine months..	One year nine months	Consumption .....	No post examination.	
951	M. A. B.	39	Mania.....	Four weeks ..	Four months..	Consumption .....	Brain surface very vascular--Adhesions to margin of hemisphere--Opacity of arachnoid--Brain substance firm and injected--Sinuses and vessels loaded--Brain weight 42½ oz.--Adhesion, with serum in left pleura--lung injected on surface--Grey consolidation, with muco-pus exuding from bronchii--Lips of uterus denuded and granular.	
960	M. W. ...	7	Idiot and epileptic	From birth ...	Three months.	Epileptic convulsions .....	Hydrocephalous--Much dark congestion of surface of brain--Patches of ecchymosis--Slight opacity of arachnoid, with serous effusion--Left posterior lobe collapsed--Right had become dilated into a pouch, containing 3 oz. of fluid--Brain weight 23 oz.	
990	A. E.....	54	Melancholia.....	Eight weeks..	Five weeks ...	Gradual decay.....	No post-mortem examination.	
977	P. L.....	40	Imbecility, with general paralysis	Unknown ....	Three months.	Coma .....	Dark congestion of surface of brain--Falciform adhesions to hemispheres--Opacity of arachnoid, with effusion--Membranes thickened--Brain firm and hard--Ventricles much dilated--Brain weight 36 oz.--Left lung adherent, with a mass of tubercle in apex--Heart well contracted, containing fluid blood--Kidneys congested--Uterus studded with fibro cartilaginous tumours.	



No. of Register.	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.
				Prior to Admission.	Subsequent to Admission.		
974	S. S. ....	51	Dementia .....	One year ....	Three months	Natural decay .....	Effusion under arachnoid—Brain substance pale and firm—Ventricles enlarged—Brain weight 41 oz.—Old pleuritic adhesions on both sides of chest—Pneumonic abscesses in left lower lobe—White patches on heart—Uterus distended and hypertrophied, with scirrhous tumour on its surface.
740	C. H. ....	64	Melancholia .....	Two months..	Seventeen months	Paralysis, with exhaustion..	Arachnoid opaque—Brain substance firm—Ventricles enlarged—Choroid plexus large and vesicular—Arteries degenerated—Brain weight 37½ ozs.—Adhesion of both lungs—Heart contracted—Aortic orifice contracted by cretaceous deposit—Valves hooded and rigid from same—Uterus very soft, its mucous lining disorganised.
719	M. A. C. .	40	Mania .....	Eleven months	Sixteen months	Effusion on brain, with paralysis	Scarlet vascularity of surface of brain—Opacity of arachnoid—Membranes thickened, loaded—Brain substance extremely soft—Ventricles enlarged, especially right—Brain weight 45½ ozs.—Lungs pale, with right pleuritic adhesions, small crude tubercles in apex of left—Uterus contained bloody coagulum.
587	S. J. ....	51	Dementia .....	Sixteen years .	Two years....	Natural decay .....	Surface of brain vascular—Arachnoid opaque—Membranes thickened—Brain substance firm, grey layer pinkish, weight 39 ozs.—Old shred- dy pleuritic adhesions of lungs, also liver— Large gall stones—Kidneys granular.



*Chief Morbid Appearances.*

No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	
				Prior to Admission.	Subsequent to Admission.		
864	S. L. ....	30	Mania.....	Eighteen months	Twenty months <sup>s</sup>	Consumption .....	Brain pale—Arachnoid opaque, with serous effusion—Substance of brain tough, weight 41½ ozs.—Lungs extensively tubercular, with numerous cavities—Lips of uterus granular, and denuded. Congested surface of brain—Opacity of arachnoid, with subserum separating the convolutions—Membranes thickened—Brain substance soft—Weight of brain 44½ ozs.
735	L. N. ....	Unknown.	Mania.....	Unknown ....	Sixteen months	Natural decay .....	Brain surface congested—Slight opacity of membranes—Substance but little changed—Weight of brain 48½ ozs.—Hydrothorax—Pericardium studded with hard tubercular matter of semicartilaginous consistence similar to the cancer of the mamma—Heart hypertrophied.
545	M. B. ...	Unknown.	Chronic Mania....	Unknown ....	Seven months.	Hydrothorax, with ulcerated cancer of left mamma	Much vascular congestion of membranes of brain—Opacity of arachnoid with subserum—Membranes adherent to brain substance, which was firm and injected—Weight 34½ oz.—Emphysema of lungs, tubercular cavities—Pericardium adherent by strong bands to surface of heart, 1½ inch in length—Liver adherent—Kidneys injected—Fibrous tumour of fundus uteris.
498	M. H. ...	30	Dementia .....	Eight years ..	Nine months.	Coma and general paralysis	Blood effusion on brain, surface pallid—Arachnoid opaque with subserum—Membranes thickened and adherent—Brain soft—Weight 36 ozs. 6 drs.—Lungs extensively tubercular, with excavations.
691	M. R. ...	33	Dementia .....	Ten months ..	One and a half years	Consumption .....	



<i>No. of Register</i>	<i>Initial Letters.</i>	<i>Age.</i>	<i>Form of Mental Disease.</i>	<i>DURATION OF DISEASE.</i>		<i>Apparent Cause of Death.</i>	<i>Chief Morbid Appearances.</i>
				<i>Prior to Admission.</i>	<i>Subsequent to Admission.</i>		
43	W. C. . .	32	Chronic Mania . . .	Seven months	Two years . . . .	General paralysis and exhaustion	Brain pallid, chalky—Opacity of arachnoid, with subserum—Membranes thickened, substance soft—Ventricle large and filled with clear serum—Floor of fourth ventricle and surfaces of corpora striata and thalami studded with amygdaloid looking bodies—Weight 36 ozs.—Bronchi congested.
1024	M. M. . .	37	Acute Mania. . . . .	Three weeks . .	One month . .	Mania with exhaustion . . . .	Brain vascular on surface—Moderate opacity of arachnoid, circumscribed patches of effusion—Brain soft and punctated, ventricles dilated with turbid serum—Weight 42½ ozs.—Pleuritic adhesions of right side in root of left lung—An abscess containing yellow pus—Liver congested—Scirrhus tumor of uterus, lips denuded and granular.
146	R. B. . .	39	Dementia . . . . .	Six years . . . .	Two years . . . .	Gradual decay. . . . .	Brain—surface vascular, and opacity of arachnoid, with much subarachnoid fluid, causing atrophy of convolutions, pia mater loaded, membranes adherent in frontal region, tearing the grey substance, which was soft—Weight, 31 ozs.—Old pleuritic adhesions of both lungs—Oretaceous tubercles on various parts of surface—Liver pale—Kidneys injected—Lips of uterus denuded and granular.
335	C. G. . .	27	Chronic Mania . . .	Four years . . . .	One year eleven months.	Coma with general paralysis	No post-mortem examination.



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	12
				Prior to Admission.	Subsequent to Admission.			
79	M. C. . .	36	Mania & Epilepsy	Twelve months	Two years . . .	Exhaustion with epilepsy . . .	Congestion of substance and surface of brain—Little opacity of arachnoid—Ventricles small, with little fluid—Weight, 48½ ozs.—Pleuroneumonia of lower lobe of right lung, &c. No post-mortem examination.	
249	R. T. . .	52	Chronic Mania . . . .	Five years . . . .	Two years . . . .	Coma with paralysis . . . . .	Surface of brain pale and anæmic—Arachnoid slightly opaque—Circumscribed subserum in sulci—Brain-substance pale and oedematous—Weight, 38 ozs.—Extensive pleural adhesions on both sides—Hepaticization of left lung, with cavities in upper lobe—White patches on surface of heart—Liver pale and mottled—Mucous surface of colon thickened—Enlarged Mesenteric glands.	
163	C. T. . .	28	Imbecility . . . . .	Unknown . . . .	Two years . . .	Consumption . . . . .		
1041	M. S. . .	65	Melancholia . . . . .	Six years . . . .	Thirteen days	Natural decay . . . . .	Injection of surface of brain, with patches of ecchymosis—Opacity of arachnoid—Substance of brain injected—Brain weight, 37½ ozs.—Lungs pale and collapsed, with pleuritic adhesions—Kidneys small, firm, granular, with cysts on surface.	
1	M. D. . . .	63	Chronic Mania . . . .	Two years . . . .	Two years, two months	Consumption . . . . .	Anæmia and degeneration of brain—Uterus, bladder and ileum ulcerated, the two latter communicating—Kidneys small and nodulated.	
037	E. S. . . .	43	Melancholia . . . . .	Five days . . . .	Six weeks . . . .	Maniacal exhaustion . . . . .	Brain surface pale—Hemispheres adherent, with enlarged pachionian glands—Substance soft—Posterior pillar of torinx absent—No posterior cornua in left ventricle—Weight 50 ozs.—Old pleuritic adhesions, and hepaticization of both lungs.	



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	13
				Prior to Admission.	Subsequent to Admission.			
492	A. C....	41	Dementia .....	Thirteen years	Two years....	Consumption .....	Brain surface vascular, pia mater loaded, sinuses filled with dark blood, substance punctated—Weight 46oz.—Right lung adherent, hepatized with grey consolidation.	
1033	M. W....	43	Mania .....	One month ..	Three months	Phthisis and debility.. ..	Brain pale and bloodless—arachnoid opaque—brain substance hard—Degeneration of vessels in base, with serum—Weight 42 ozs.—Pleural adhesions on both sides, with crude tubercle in apices, and vomica in lungs—Liver, spleen, and kidneys much diseased—Spleen and liver bloodless—Weight of spleen 14 ozs. Uterus normal—Ovaries encysted.	
783	A. T....	42	Dementia .....	Two years....	One year seven months	Coma, with general paralysis	Brain surface vascular—Opacity of arachnoid—Brain substance, grey matter pinkish—Ventricles dilated—Amylacious bodies on floor of fourth ventricles—Weight 34½ ozs.	
1055	H. E....	61	Melancholia.....	Three months	Twelve days..	Syncope, from exhaustion, with phthisis.	Vascularity of brain surface—Arachnoid opaque—Pia mater loaded—Brain substance firm, and much punctated—Ventricles dilated—Vessels degenerated—Pleural adhesions on both sides, with grey consolidation—Heart large, with white patches on surface—Uterus atrophied—Two fibrous tumours on body.	



No. of Register	Initial Letters.	Age	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	14
				Prior to Admission.	Subsequent to Admission.			
840	A. R. B. .	37	Mania.....	Three months	One year three months	Exhaustion from mania ....	Congestion of surface of brain—Opacity of arachnoid, with effusion—Membranes thickened—Brain substance injected, grey layer thin and purple—Lining membrane of ventricles studded with fine amyaceous bodies—Weight 35½ ozs.—Left lung adherent, soft, pale, and inelastic—A mass of grey tubercle in right lung—Adhesion on surface of liver to peritoneum, dry and bloodless—Fibrous tumor in kidney—Uterus scirrhus.	
772	A. H. . . .	47	Melancholia.....	Unknown ....	One year six months	Consumption .....	Vascular surface of brain—Opacity of arachnoid—Weight 43 ozs.—Pleural adhesions of both lungs—Miliary tubercles throughout—Liver pale and bloodless—Watery cysts on kidneys—Mucons surface of ileum, and colon greatly injected, with patches of ulceration—Uterus fibrous, tumours on surface.	
632	M. B. . .	54	Demented.....	Ten years ....	One year eleven months	Epilepsy .....	Brain surface vascular—Veins loaded with dark fluid blood—Opacity of arachnoid thickened and adherent to the falx, anterior ventricular part of which was deficient—Adhesion of opposite sides of hemispheres—Thalami almost in contact—Weight 45 ozs.—Spinal curvature—Lungs emphysematose and adherent—Congestion of liver, spleen, and bowels, and kidneys.	
724	M. C. . .	29	Epilepsy and mania	Six months ..	One year nine months	General paralysis, with phthisis.	No Post-mortem examination.	



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	15
				Prior to Admission.	Subsequent to Admission.			
776	H. W. . .	62	Dementia, with Paralysis.	One week . . . .	One year nine months	General paralysis . . . . .	No post-mortem examination.	
1038	P. B. . . .	62	Chronic mania. . . .	One week . . . .	Two months . .	General dropsy . . . . .	<p>Convulsions of brain large, grey layer well marked—Membranes vascular and adherent—Tubercular matter in choroid plexuses—</p> <p>Ahesions of corpus striatum, with septum lucidum—Pleural adhesions, with tubercle in apex of both lungs—Heart enlarged and distended, with dark grumous blood—Left ventricle hypertrophied—Weight 14½ ozs.—Nutmeg liver, and enlarged—Peritoneal covering thickened and adherent—Kidneys congested.</p>	
21	R. W. . .	42	Dementia . . . . .	Six years . . . .	One year four months	Epilepsy . . . . .	<p>Brain very vascular and punctated—Ventricles small—Membranes injected—Weight 35 oz.—Lungs contained tubercles, and congested—Liver and kidneys congested, the capsules of latter adherent.</p>	
341	C. S. . . .	38	Incipient general paralysis.	Four weeks . .	Two years two months	Apoplexy . . . . .	<p>Congestion of brain and membranes, with opacity of arachnoid—Vessels degenerated—Ventricles dilated—Posterior horn not developed, anterior much so, filled with serum—Amylacious papilla on floor of ventricles and peduncle of pineal gland—Substance of brain punctated and firm—Weight 35½ ozs.—Lung. tubercles in left, and mucous membrane of bronchi injected—Heart hypertrophied, valves thickened, and opaque.</p>	



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.
				Prior to Admission.	Prior to Admission.		
519	M. A. T.	21	Dementia and Epilepsy	Unknown ....	Two years....	Epilepsy .....	Brain congested, with opacity of arachnoid, substance firm and punctated, weight 50½ ozs. Heart, white patches on right auricle—Lungs congested—Liver and Kidneys the same—Uterus and ovaries large.
860	J. B. ....	29	Cong: Imbecility	From infancy .	One year three months	Exhaustion from epilepsy ..	No post mortem examination.
385	E. L. ....	66	Chronic mania....	Eight years ..	Two years three months	Dropsy .....	Congestion of surface of brain—Opacity of arachnoid, with collections in sulci of sub-arachnoid fluid—Pia mater loaded—Substance of brain dry and tenacious—Ventricles small—Weight 39½ ozs.—Thoracic viscera loaded with fat—Strong adhesive pleuritic adhesions—Hydrothorax—On root of right lung a fleshy tumour of the size of a walnut, of brain consistence—Heart large—Pericardium adherent, weight 16½ ozs.—Aortic valves thickened.
1032	J. H. ....	70	Imbecility.....	Seven weeks..	Five months..	Natural decay .....	No post mortem examination.
460	E. S. ....	63	Mania and epilepsy	Three years ..	Two years two months	Dropsy.....	Brain surface vascular—Arachnoid opaque—Yellow serum under membranes, substance pale, firm and dry—Ventricles small, weight 39 ozs.—Hydrothorax—Old strong pleural adhesions—Heart fat—Valves thickened—Fluid in pericardium—Ascites—Bowels pale and empty—Liver large and dry—Kidneys congested—Uterus atrophied.



No. of Register	Initial Letters.	Age.	Form of Mental Disease.	DURATION OF DISEASE.		Apparent Cause of Death.	Chief Morbid Appearances.	17
				Prior to Admission.	Subsequent to Admission.			
124	S. F. . . . .	35	Dementia . . . . .	Two years . . . . .	Two years four months	Consumption . . . . .	Brain small and pale, of firm consistence—Old adhesions on sides of corpora striata and septum lucidum, weight 36 ozs.—Six ounces of serum in left pleura, which was adherent—Lungs tubercular and consolidated, containing large cavities, with irregular parietes.	
1074	C. W. . . . .	56	Mania . . . . .	Sixteen years .	Eleven days ..	Maniacal exhaustion . . . . .	Brain surface vascular and turgescient, substance punctated and soft—Yellow serum under arachnoid—Ventricles dilated and filled with serum, weight 45½ ozs.—Lungs congested, right universally adherent to parietis—Liver large—Kidneys injected—Body of uterus large and thickened—Epithelium the lips denuded and ulcerated.	

(Signed)

WILLIAM GURSLAVE MARSHALL,

Medical Superintendent, Female Department.

January 1st, 1854.



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## THE CHAPLAIN'S REPORT,

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GENTLEMEN,

IN accordance with your wish, embodied in the "Regulations and Orders for the Management of the Asylum," I beg to furnish you with the following Report of the result of my experience and labours among its inmates.

My two previous Reports urge the conviction that the comforting influences of religion can be as fully realized by one brought by God's fatherly visitation under the heavy affliction of insanity, who has lucid moments, as by those suffering under any other of the troubles to which flesh is heir. Lunacy is not necessarily accompanied by the total destruction of the intellect and the better feelings of the heart; and as a Lunatic may be rational on many topics, so as, during a lengthened conversation, to create no suspicion of his insanity in the mind of others not aware of his afflictions, why should religion be a subject on which he cannot hold right views, and from which it should be denied he can derive the solid satisfaction it is so capable of affording; why should he not, by the grace of God, be as fully able to exercise a saving faith in the Redeemer as any other of his creatures?



I should not have again alluded to this subject, on which there exists no doubt in your own minds, were I not constantly meeting with persons holding very erroneous views upon it.

When we consider the great proportion of persons in an Institution of this character, who have led not only careless, but absolutely ungodly lives, *greater* results must not be expected to arise from the advantages furnished them of public and private instruction in religious truths, than we should perhaps find in an equal number of persons of the same character taken from any populous district. But if we can hope that the lessons of holiness which have been taught here have been blessed to the souls of but a few, we have ample cause to thank and adore Almighty God, who alone can bring into life the good seed that is sown. Several cases might be adduced in confirmation of this hope; some have left the Asylum cured, impressed with the necessity of leading religious lives, which they have promised me they will endeavour to do, depending upon the Divine aid; some are still among us, patient in tribulation, and rejoicing in hope; others have been removed by the hand of death, whose spirits, I have every reason to believe, have taken their flight to a brighter and a happier world.

The Chapel services on the Sunday continue to be attended well, and the Patients generally seem to derive much comfort from the inestimable privilege thus afforded them of uniting in the public worship of God. The average number of Patients who attend on these occasions is above 500.

The self control which very many, who in their Wards are noisy, are capable of exercising during the celebration of



Divine service, and the moral advantage thus gained to the Patients, suggested the arrangement I proposed to you last month, of instituting a third service on the Sunday, for such Patients as are not now permitted to attend the public means, lest they should disturb the devout and excite the weak among the present usual congregation. As I pass through the Refractory Wards I am constantly entreated by some of these poor creatures to permit them to go to the Chapel, and I always feel grieved at seeing even these denied the privilege of the public means of grace, as I hold it impossible for us to determine how far the heart of even such a person may not, when not labouring under excitement, be brought under the soothing influence of God's Holy Spirit. When I witness in individuals of this class real acts of charity to their fellow Patients in the Ward, who are helpless, sick or dying, there seems some encouragement to hope that, with the blessing of God, the Christian graces of faith, hope, and charity, may be planted through the public means of instilling religious principles, and manifest themselves in the daily walk and conversation of some. One man who was formerly in No. 11, the most refractory of the Male Wards, and subsequently in No. 1 Ward, when about to leave the Asylum, cured, told me that his sojourn in the refractory Ward was rendered the more distressing to him from his not being allowed to attend Divine service in the Chapel. He was shut up, he remarked, day after day, in the company of those whose language and noisy shouts and quarrels tended to distract and disturb his mind, which he felt sure would have been calmed and quieted, could he have attended the daily prayers in the Chapel. He was in the habit of reading, even whilst in this Ward, the Lessons and Psalms of each day, in his Dormitory; and when removed to No. 1 Ward,



he was to be seen regularly in his place in the Chapel every morning.

The Choral Service in the Chapel tends to soothe and quiet many a one in the congregation; and I have sometimes seen a Patient who has not been able to refrain from talking during the rest of the service, immediately calmed at the sound of the Organ, as it peals forth the Gloria Patri, or the Hymn or Psalm appointed to be sung. A female Patient presides at the Organ who plays with great execution on the Piano Forte, and, at times, very nicely on the Organ; but she cannot unfortunately be depended on; there are times when her malady prevents her attendance. I look forward to much improvement in this part of the service when our Organist, advertised for, arrives.

I continue to administer the Lord's Supper each first Sunday in the month; the number of Communicants being frequently as many as 35 or 36. Some of our regular Communicants have been discharged from the Asylum cured; and 12 have been added to the number, this year, from those who have never before communicated. And without one single exception, all on this solemn occasion behave in the most devout and orderly manner; indeed no congregation of sane persons could receive the Sacrament with more outward decorum and decency of behaviour.

The number of Patients who attend the Female School is 36; but I hope this number will be considerably increased when the trained Mistress has entered upon her duties. Several of the pupils who were admitted as lost and dirty Patients, have been so far recovered as to have been drafted



from the School to the Needle-room; and one of these, who has become a regular Communicant, is considered by the Superintendent of the Work-room, her best assistant; and another has left the Asylum cured.

In concluding, I beg to acknowledge the uniform kindness I have always experienced from your Committee, and am,

GENTLEMEN,

Your obedient Servant,

HENRY MURRAY, *Chaplain.*

*Colney Hatch,*

*January 9th, 1854.*



from the school to the room; and one of these who  
has become a member of the Association is connected by the  
Association of the Association; and the Association of the  
Association of the Association.

I have always a pleasure in your friendship and am,  
Dear Sir, your obedient servant.

Yours truly,  
J. W. W. W.

Yours obedient servant,  
J. W. W. W.

THOMAS W. W. W.

C. W. W. W.

January 1st, 1841.



## STEWARD'S REPORT.

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MY LORD AND GENTLEMEN,

IN submitting to the inspection of the Committee the usual Annual Returns and Accounts for the Department entrusted to my superintendence, it is gratifying to me to be enabled to state, that I believe every branch of that Department will be found in an efficient working condition, and generally to have improved since I last had the honor of presenting these Returns.

The table, shewing the average number of Patients who have been usefully employed throughout the year, does not amount to so high a number as I could have wished; but there are many circumstances which render it a most difficult task to present a very heavy outdoor labour list at Colney Hatch.

It has, doubtless, been apparent to the Committee, from their own constant observation during their visits through the Asylum, that a very considerable amount of labour must, daily, be expended in keeping clean, and in good order, the extensive galleries and corridors of the Asylum; and for the performance of this labour efficiently and quickly, some of our most able and hearty men are obliged to be retained



It may also be remarked, that the Asylum at Colney Hatch contains a very small average of Patients who have been accustomed to, or are able to pursue, agricultural occupation.

I believe we are supplied with as small a proportion of labourers as any Asylum in the kingdom, not one-sixth of those employed in the grounds ever having handled a spade previous to their residence at Colney Hatch.

Every inducement which is in our power to offer, is held out to those Patients who are selected for field and garden labour, to employ themselves usefully and beneficially, and I am happy to say, with very great success. The labour party, under the charge of the outdoor Attendants, has been chiefly engaged throughout the past year in levelling and bringing into cultivation portions of the Asylum grounds, which were, until this labour had been expended upon them, quite unfit for cultivation. They have stocked and levelled ready for planting, a great portion of the wood which remained on the west side of the building, and have materially assisted in the draining operations which have been carried on during the year.

The Patients employed at the Dairy and Farm Yard have made themselves especially useful, and although our average weekly quantity of butter made throughout the year has been 74lbs., we have been enabled to perform the work of the dairy without the services of a dairymaid, which has occasioned a considerable saving in that department.

The Returns of the actual earnings of the tailor's and shoemaker's shops, calculated at a low rate, will, I hope, prove satisfactory. I am happy to state that every article of



woollen clothing, including the uniforms of the Attendants, has been made in the tailor's shop, and all the clothing needing repair has been regularly mended. The net earnings of the tailors are 268*l.* 0*s.* 3*d.*

All the cloth and canvass boots used in the Asylum, have been made in the shoemaker's shop, and the repairs of both sides of the building well kept up. We have also, by the direction of the Committee, sold 72 pairs to Bethlehem Hospital, at a remunerating price.

The net earnings of the shoemakers have been 146*l.* 17*s.* 6*d.*

I hope the proposed enlargement of our workshops, which is now so much needed, will enable us to induce more Patients to employ themselves at these trades; and while it will tend to promote the primary object of all our labour, the mental improvement and comfort of our afflicted Inmates, it will, at the same time, prove a source of increased profit, and render us still more independent of our clothing contracts.

The carpenters have materially assisted in the general works of the Asylum, and in making valuable articles of furniture, including tables and sofas.

The stores, both of provisions and clothing, are in a satisfactory state, and I will continue to give this Department every attention and assiduity.

The Return, which I have prepared as usual, will shew the quantity of clothing and material in store on the 1st January, 1854, and its value.



The Contract for 1,000 tons of Welsh coals, which the Committee considered it expedient to enter into last July, has proved a most fortunate one.—I have no hesitation in stating, that this contract is a gain to the Asylum of at least 300*l*.

During the past year, the Farm has occupied my best care and attention, and the balance sheet will shew with what success I have been rewarded.

I have valued the stock at a price which I consider may, at any time, be realised, and estimated the produce of the Garden and Farm, at a fair market price.

The Farm has been debited with all the payments which have been made on its behalf, and I have charged it with the rent of 57 acres of land, at 30*s*. I consider this an ample valuation, for it must be recollected, that it was lately a worn out brick-field, its natural soil removed, and the holes from which the brick earth has been taken, only partially filled up with a variety of unproductive soils obtained from the well-sinking and foundations of the Building.

This remark applies equally to the Kitchen Garden, which, from the wet and tenacious nature of the clay, and the amount which has necessarily been spent upon it in labour, is not, at present, remunerative.

I trust, however, by draining and judicious cultivation, it may soon become an additional source of profit. The major part of the pasture land is yet undrained, and in a state of very great poverty.



The Farm is made subject to a charge of £32 for interest, at 4 per cent. on a capital of £800.

The actual profit which the Farm has realized, after the deductions of all payments and expenses, and allowing for the difference of valuation on the 1st of January, 1853, and 1st January, 1854, is 866*l.* 0*s.* 9½*d.*

The valuation of the Dairy Stock, consisting of eighteen Cows and one Bull, at the commencement of the year, was 318*l.* During the past year eleven Cows and one Bull have been purchased, some of them at a high figure; but it must be recollected that Dairy Stock is more than 25 per cent. higher than it was twelve months since. I have found that it is more advantageous to purchase stock of a better and larger breed, which, with our high feeding, can be made fit for the butcher very soon after they are found unprofitable as milkers, than to buy cattle of an inferior breed, which would have to be sold at a considerable sacrifice when they became dry.

To make room for these twelve beasts, eight have been fatted and killed for the use of the house, and, estimating their value at the contract price of beef, it will amount to 200*l.* 9*s.* 4*d.*, or to an average of 25*l.* each: their original cost was 149*l.*, or an average of 18*l.* 12*s.* each. The Committee having frequently inspected the meat, have been enabled to form an opinion of its quality. Six barren Cows have also been sold for 71*l.* I found they would not pay to fatten. The value of the Cows on the 1st January, 1854, is 365*l.*

The Sheep which have been purchased are healthy, and I think will prove an item of considerable profit.

There have been no Calves reared during the year for Dairy



purposes. I consider that our unavoidably expensive mode of stall-feeding, having to purchase nearly all our provender, will not permit us to rear our own stock with the prospect of a fair remuneration ; for instance :—

	£	s.	d.
Every Calf sold at a day old during the last six months has realized .....	1	10	0
If this Calf is to be reared for the Dairy, she must consume one Cow's milk for ten weeks: this milk and cream is worth to us at least 18s. per week, or for the ten weeks.....	9	10	0
The keep of this beast until she shall calve down at three years old, cannot be estimated, even if she be fed upon straw, which has to be purchased, at less than 4s. per week, or	29	4	9
Making a total cost of the Cow .....,..	40	4	0

It is, therefore, obvious that it must be better to buy very superior Cows at the moment we want them for milk, even at a high price, than to rear the home-bred stock at such a cost, with all the chances of disease and accident to which they are more or less subject.

This system also enables us to regulate the supply of milk, which, were we to rear our own Cows, we could not so easily do. Sometimes we should have three or four Cows calving down at the same time, supplying us with more milk than we required, and yet, a short time previous, we may not have had nearly sufficient for our daily consumption.

The house has constantly been supplied with fresh pork during such months as the weather would permit. The



actual profit of this branch of the Farm, after every expense is paid (the labour of one paid man included), appears to be about 275*l*.

Although we have lost a few Pigs from disease, I am happy to say that our Cows and Horses have been tolerably healthy; we have not employed either Veterinary Surgeon or Cow Doctor during the year.

The Committee gave me permission, at the commencement of the year, to buy Hay, Straw and Provender for the Farm, how and where I best could, and I am confident a great saving has been effected. Our contract for Hay on the 1st January, 1853, was 4*l*. 4*s*. per load, but, after supplying eight loads, the contractor became bankrupt. I find that, had the contract continued, we should have paid during the year a much larger sum for Hay than it has actually cost us.

I have never exceeded the contract price for straw, but have generally bought below that sum.

The Draining, which the Committee ordered to be carried out during the winter, is progressing, and I have no doubt that those grounds which will be under its influence, will present a very different appearance during the next summer.

I have commenced in the field in which the summer entertainment was held last year, in order that it might be in a better condition when required for a similar purpose. It will be completed in a few days.

The Iron Fencing which the Committee ordered to be erected, to inclose the newly levelled ground in front of the Asylum, has been completed, and in addition to the improved



appearance which it gives to the north side of the building, the inclosure will, I trust, hereafter prove a very useful pasturage for sheep.

The belt of wood which remained on the west or Female side of the building, has been partially cut down and stocked up, so as to command an uninterrupted view of the surrounding country from each of the Female Wards which face in that direction.

This must be considered not only a very great acquisition to the poor inmates who are located in those yards, but to increase the beauty and cheerfulness of that wing of the building.

I trust that, before many months are passed, I shall be enabled to report to the Committee, that the necessary pipes and apparatus have been laid down for the distribution of the liquid manure; but, as I believe a thorough and effectual system of drainage is the key to all remunerative farming, it has been deemed advisable to carry out this principle as far as circumstances will allow, before we bring into operation the other improvement, from which it is contemplated so much benefit will be derived.

The whole of the works which the Committee have ordered, shall be completed with every care and dispatch.

I have the honour to be,

My Lord and Gentlemen,

Your most obedient Servant,

GEO. H. HENDERSON,

*Steward.*

1st January, 1854.



Middlesex.

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MATRON'S REPORT.

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*To the COMMITTEE of VISITORS of the  
County Lunatic Asylum at COLNEY  
HATCH.*

MY LORD AND GENTLEMEN,

I have the honor to report that, during the past year, the domestic condition of the Female Department of the Asylum has been very satisfactory. The Attendants have generally been attentive to their duties, and kind to those entrusted to their care.

The Patients have been, with but few individual exceptions, tranquil, and a large proportion of them are regularly and usefully employed, as proved by all the Needlework for the Establishment having been done by them. Bonnet making and cleaning was last year commenced, and is now carried on with much success; and Fancy Work is progressing favorably, though, I confess, slowly; however, at the Entertainment given to the Patients last July, I am happy to say that the proceeds of its sale amounted to £34 6s.

In the Laundry much improvement has taken place; many



of the difficulties with which we had formerly to struggle are now obviated; the new Drying Closets work well, and such of the improvements and alterations ordered by your Committee as have been completed, have greatly increased the efficiency of this department, and facilitated the performance of the work. An average number of 66 Patients are employed under the charge of a Superintendent, and eleven Laundry Maids, by whom the whole washing of this Establishment is performed.

In the Kitchen and Centre Offices eleven Patients are regularly employed under the supervision of the Housekeeper, 96 are also employed in the Wards as helpers, and much assistance is given by them to the Attendants: their attendance at the Chapel Services has averaged 200 daily and 480 on the Sabbath.

I have endeavoured, during the past year, not only to encourage the Convalescent and quiet Patients to employ themselves, but also to promote their amusements. On many evenings, when I have visited the Female Wards, I have found the Patients merrily engaged dancing and singing with the Attendants, who join with much spirit in their entertainment.

Your Committee have recently kindly allowed an Organ to be provided for the amusement of those who cannot well leave their Wards, the effects of which on them are most cheering. Twice a week the Convalescent Patients assemble in the evening for a dance in the Visiting Room, to which meetings they look forward with pleasurable anticipation. We have recently thought it expedient to remove these assemblies to the Female Work-room, fearing that, from the



proximity of the former to the Infirmary, the sick Patients might be disturbed.

At each of the two entertainments given to the Patients in the past year, under your sanction, and at which many of your Committee kindly were present, between 250 and 300 Female Patients attended; their enjoyment was very great; and had we not known them to be insane, their conduct and manners would not have induced any spectator to deem them so. On the night of each of these entertainments I went through every Ward, and found all perfectly quiet; and I cannot recollect any occasion when, upon my visits, the tranquillity was greater.

The Female Attendants having, a few months since, expressed a desire to wear some uniform dress, I received your sanction for its provision to them, in a manner similar to that before adopted for the Males: it is now in general use, and I trust that your Committee will agree with me in considering that it greatly adds to the neatness and respectability of their appearance: it is at the same time economical, the deduction from their pay being the moderate sum of 9*d.* per week.

It is particularly gratifying to hear the frequently expressed sentiments of the Convalescent Patients, of their gratitude for the manner in which they have been treated during their abode in the Asylum. Thus is some recompense afforded for the anxiety which is necessarily incurred.

Allow me, in conclusion, to return my sincere and grateful thanks for the support which I have invariably received from your Committee, which support has greatly aided and



much lightened my labours. I have also to express my sense of the kindness and assistance always shewn to me (as to others) by Mr. Marshall, the Medical Superintendent.

I have the honour to remain,

My Lord and Gentlemen,

Your most obedient and very humble servant,

MARIA MERITON, *Matron*.

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*Employment of Patients and its estimated Value for the  
Year ending 31st. December, 1853.*

Average Number of  
Patients.

		£	s.	d.
160	Needlework .....	412	18	4½
11	Kitchen and Centre Offices	42	18	0
66	Laundry .....	237	8	0
96	Helpers in Wards .....	377	8	0
2	Officers' Residences .....	7	16	0
		<hr/>		
		£1,078	8	4½
		<hr/>		



# DIETARY FOR THE PATIENTS.

Days of the Week.	Breakfast.				Dinner.										Supper.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	Bread.		Cocoa.		Bread.		Cocoa.		Pie.		Batter.		Pudding.		Vegetables.		Beer.		Uncooked Meat.		Dumplings.		Pie.		Soup.		Stew.		Vegetables.		Beer.		Bread.		Cheese.		Bread.		Butter.		Tea.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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N.B.—Cocoa in the following proportions for One Pint, viz.:— $\frac{1}{4}$  oz. Cocoa, 1 oz. Treacle,  $\frac{1}{2}$  pint of Milk.

Soup for 700 Patients, the liquor of the meat cooked the previous day, 87 lbs. Leg and Shins of Beef, 46 $\frac{1}{2}$  lbs. Peas, 39 lbs. Rice, 13 $\frac{1}{2}$  lbs.

Scotch Barley, 31 lbs. Onions, Salt and Pepper, with Herbs.

Stew for 700 Patients, (the liquor of the meat cooked the previous day,) 87 lbs. meat, 435 lbs. Potatoes, 73 lbs. Onions, Salt and Pepper.

Fruit Pies may be given in lieu of Meat Pies in the Season.

Currant Dumplings may be occasionally given in lieu of Stew, 12 oz. to the Males, and 11 oz. to the Females.

Extra.—Out-door Workers and Artisans,  $\frac{1}{2}$  pint Beer at 11 o'clock, a.m., and at 4 o'clock, p.m.,  $\frac{1}{4}$  pint Tea at 5 p.m.

Laundry Women  $\frac{1}{2}$  pint Beer, with Bread and Cheese, at 11 a.m.

Kitchen and Bakehouse Women 1 pint Beer extra daily.

Tobacco and Snuff to be given as indulgencies to the out-door Workers, and Artisans.

1st January, 1854.



# GENERAL SUMMARY OF THE RETURNS OF PAUPER LUNATICS

*Chargeable to the different Parishes and Unions in the County of Middlesex, for the last Three Years.*

	1851.					1852.					1853.				
	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.
<b>Barnet Union.</b>															
Finchley .....	4	2	2	..	..	5	2	2	1	..	6	3	3	..	..
Hadley .....	3	1	2	..	..	3	1	2	..	..	4	2	2	..	..
South Mimms .....	3	1	1	..	1	4	1	2	..	1	4	2	1	..	1
Friern Barnet .....	..	..	..	..	..	1	1	..	..	..	2	2	..	..	..
<b>Brentford Union.</b>															
Acton .....	6	1	3	2	..	7	3	3	1	..	6	2	3	1	..
Brentford .....	2	1	1	..	..	2	1	1	..	..	3	2	1	..	..
Chiswick .....	8	2	4	..	..	7	3	4	..	..	8	2	4	1	1
Ealing .....	9	4	4	1	..	10	3	6	1	..	9	4	5	..	..
Greenford .....	..	..	..	..	..	1	..	1	..	..	1	..	1	..	..
Hanwell .....	1	..	1	..	..	2	..	2	..	..	1	..	1	..	..
Heston .....	4	1	3	..	..	6	2	3	1	..	6	3	3	..	..
Isleworth .....	10	3	5	2	..	9	3	4	2	..	7	3	3	1	..
Twickenham .....	9	2	6	1	..	8	3	5	..	..	10	3	6	1	..



	2	..	2	..	..	..	3	1	2	..	..	1	1	..	..	..	..	..	..
<b>East London Union.</b>																			
Glasshouse Yard .....	2	..	2	..	..	..	3	1	1	..	..	1	1	..	..	..	..	..	..
Cripplegate .....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Edmonton Union.</b>																			
Edmonton .....	14	10	1	2	1	1	13	11	1	1	1	12	10	1	..	..	..	1	..
Enfield .....	7	5	1	1	1	..	8	7	1	..	..	7	6	1	..	..	..	..	..
Hornsey .....	4	3	1	..	1	..	4	3	1	..	..	3	2	1	..	..	..	..	..
Tottenham .....	13	10	1	..	1	2	13	11	1	..	1	13	11	1	..	..	..	1	..
<b>Fulham Union.</b>																			
Fulham .....	9	..	3	6	..	..	10	3	4	3	3	11	3	4	3	3	1	..	..
Hammersmith.....	9	..	5	4	..	..	14	2	8	4	..	20	3	8	9	..	..	..	..
<b>Hackney Union.</b>																			
Hackney .....	57	23	21	..	13	1	64	28	21	1	14	72	29	17	2	24	2	..	..
Stoke Newington .....	7	5	1	..	1	..	5	3	1	..	1	4	2	1	..	1	..	..	..
<b>Hendon Union.</b>																			
Edgware .....	2	1	1	..	..	..	2	1	1	..	..	2	1	1	..	..	..	..	..
Harrow .....	8	2	4	..	2	..	7	2	3	..	2	7	2	3	..	2	..	..	..
Hendon .....	2	..	2	..	..	..	1	..	1	..	..	2	..	1	..	1	..	..	..
Kingsbury .....	2	1	1	..	..	..	2	1	1	..	..	2	1	1	..	1	..	..	..
Great Stanmore .....	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Little Stanmore .....	2	..	2	..	..	..	2	..	2	..	..	1	..	1	..	3	..	1	..
Pinner .....	2	..	2	..	..	..	4	..	3	..	1	4	..	1	..	1	..	..	..
Willesden .....	1	..	1	..	..	..	1	..	1	..	..	1	..	1	..	1	..	..	..
Common Fund .....	..	..	..	..	..	..	1	..	1	..	..	2	..	1	..	1	..	..	..
Carried forward....	202	79	82	21	20	219	96	88	14	21	231	99	79	18	35				



PARISHES AND UNIONS.	1851.						1852.						1853.					
	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.			
Brought forward....	202	79	82	21	20	219	96	88	14	21	231	99	79	18	35			
Holborn Union.																		
St. Andrew and St. George .	45	30	3	9	3	43	33	3	1	6	49	34	5	6	4			
Saffron Hill.....	11	5	..	4	2	13	9	1	2	1	13	10	1	2	..			
St. Sepulchre .....	6	3	..	3	..	4	3	..	..	1	5	4	..	1	..			
Common Fund .....	..	..	..	..	..	3	..	..	1	2	5	1	..	3	1			
Kingston Union.																		
Hampton.....	4	..	..	..	4	4	..	..	..	4	6	..	..	..	6			
Hampton Wick .....	3	..	3	..	..	2	..	2	..	..	1	..	1	..	..			
Teddington .....	2	..	2	..	..	2	..	2	..	..	2	..	2	..	..			
Poplar Union.																		
Bow .....	9	9	..	..	..	7	6	..	1	..	5	5	..	..	..			
Bromley .....	10	8	2	..	..	10	6	2	2	..	6	3	1	2	..			
Poplar .....	34	31	3	..	..	33	30	3	..	..	33	29	3	1	..			
Common Fund .....	..	..	..	..	..	9	7	..	2	..	11	10	..	1	..			
Staines Union.																		
Bedfont.....	1	..	1	..	..	2	..	2	..	..	2	..	2	..	..			
Feltham .....	2	..	2	..	..	2	..	2	..	..	2	..	2	..	..			



[illegible]



PARISHES AND UNIONS.	1851.					1852.					1853.				
	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.	Total Number of Lunatics and Idiots.	In Colney Hatch Asylum.	In Hanwell Asylum.	In other County Asylums, or in Licensed Houses.	In the Workhouse or with Friends.
Brought forward.....	605	326	150	43	86	643	364	161	33	85	660	368	152	55	85
Uxbridge Union—continued.															
Northolt .....	1	..	1	..	..	1	..	1	..	..	1	..	1	..	..
Norwood .....	2	..	2	..	..	3	..	3	..	..	3	..	3	..	..
Ruislip .....	4	..	2	..	2	6	2	2	..	2	5	2	2	..	1
Uxbridge.....	4	..	3	..	1	6	..	5	..	1	5	..	4	..	1
West Drayton.....	3	..	3	..	..	2	..	2	..	..	3	..	3	..	..
Common Fund .....	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..
Whitechapel Union.															
Christchurch .....	34	13	11	..	10	42	17	11	2	12	89	9	12	3	15
St. Katherine .....	4	2	1	..	1	4	3	1	..	..	4	1	1	1	1
Mile End, New Town .....	8	6	2	..	..	8	6	2	..	..	16	9	2	1	4
Norton Folgate .....	1	..	1	..	..	1	..	1	..	..	1	..	1	..	17
Whitechapel .....	60	23	23	..	14	66	24	21	4	17	71	29	22	3	..
Other Parishes (not in this County, but included in the Return).....	12	7	3	2	..	10	4	3	3	..	9	4	2	3	..
Common Fund .....	1	..	..	1	..	6	5	..	1	..	5	3	..	2	..
Parishes not in Union.															
Hampstead .....	23	2	16	..	5	24	3	15	1	5	29	4	18	..	7



Kensington .....	54	19	27	..	8	57	19	27	2	9	61	21	32	..	8
Paddington .....	27	4	15	5	3	23	6	16	..	1	39	8	17	5	9
St. George (East) .....	56	50	4	2	..	71	49	5	17	..	96	55	4	22	15
St. George, Hanover Square	92	27	53	..	12	93	25	54	3	11	92	19	53	6	14
St. Giles and St. George, Bloomsbury .....	52	15	31	4	2	61	24	30	5	2	68	29	34	5	..
St. James, Clerkenwell .....	63	23	29	..	11	69	32	26	2	9	91	42	24	6	19
St. James, Westminster .....	62	..	51	7	4	65	5	47	9	4	81	8	52	17	4
St. Leonard, Shoreditch .....	156	78	32	10	36	182	98	32	15	37	183	104	37	16	26
St. Luke .....	70	19	23	8	20	83	27	23	13	20	82	25	22	..	..
St. Luke, Chelsea .....	64	32	24	1	7	80	37	27	10	6	81	35	27	12	23
St. Martin in the Fields .....	88	..	56	17	15	88	6	52	16	14	98	5	46	19	28
St. Margaret and St. John, Westminster .....	78	6	47	23	2	91	30	58	3	..	107	30	57	9	11
St. Mary-le-bone .....	230	99	79	4	48	217	114	75	9	19	209	103	78	28	..
St. Mary, Islington .....	65	28	32	5	..	69	31	33	5	..	77	33	42	2	..
St. Matthew, Bethnal Green	78	38	26	1	13	100	58	26	..	16	105	58	25	7	15
St. Pancras .....	237	88	78	5	66	261	98	79	12	72	265	94	79	16	76
County Patients .....	2234	905	825	138	366	2432	1087	838	165	342	2587	1098	853	250	386
Criminal ditto .....	231	81	122	28	..	214	72	117	25	..	270	111	119	40	..
Patients adjudged to other Counties, &c. ....	..	..	..	..	..	14	6	8	..	..	21	7	14	..	..
	..	..	..	..	..	79	79	..	..	..	20	17	3	..	..
	2465	986	947	166	366	2739	1244	963	190	342	2898	1233	989	290	386

JOHN S. SKAIFE, Clerk.



