

Sixty-third annual report of the directors of the Dundee Royal Asylum for Lunatics : submitted, in terms of their charter, to a general meeting of the directors, 18th June, 1883 with the reports of the resident physician and treasurer of the institution.

Contributors

Dundee Royal Asylum for Lunatics.
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Nicholson & Marquis.

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SIXTY-THIRD
ANNUAL REPORT
OF THE
DIRECTORS
OF THE
DUNDEE ROYAL ASYLUM
FOR
Lunatics,

SUBMITTED, IN TERMS OF THEIR CHARTER, TO A GENERAL
MEETING OF THE DIRECTORS, 18TH JUNE 1883 :

WITH THE
REPORTS OF THE RESIDENT PHYSICIAN
AND
TREASURERS OF THE INSTITUTION.

DUNDEE :
PRINTED BY WINTER, DUNCAN & Co. CASTLE STREET.
1883.

SIXTY-THIRD

ANNUAL REPORT

OF THE

DIRECTORS

OF THE

DUNDEE ROYAL ASYLUM

FOR

1883

PRINTED BY WINTER BUCHAN & CO. GABRIEL STREET

DUNDEE: 1883

BY

REPORTS OF THE RESIDENT PHYSICIAN

AND

TREASURERS OF THE INSTITUTION

DUNDEE

PRINTED BY WINTER BUCHAN & CO. GABRIEL STREET

1883

THE FOLLOWING ARE THE
DIRECTORS AND OFFICE-BEARERS

FOR THE CURRENT YEAR
FROM JUNE 1883 TO JUNE 1884.

Chairman of the Directors.

SIR JOHN OGILVY of Inverquharity, Baronet.

EXTRAORDINARY DIRECTORS.

Ex-Officiis.

1. The Right Honourable CLAUDE Earl of STRATHMORE and KINGHORNE,
Lord-Lieutenant of the County.
2. J. W. BARCLAY, Esq., M.P. for the County, Aberdeen.
3. JOHN TRAYNER, Esq., Advocate, Sheriff of the County.
4. GEORGE ARMITSTEAD, Esq., Merchant, Dundee, } M.P. for the Burgh.
5. FRANK HENDERSON, Esq., Merchant, Dundee. }
6. The Moderator of the Synod of Angus and Mearns.

Directors for Life.

7. Sir JOHN OGILVY of Inverquharity, Bart., Baldovan House.
8. The Right Honourable the Earl of STRATHMORE and KINGHORNE, Glamis Castle.
9. WILLIAM ROBERTSON, Esq., Balmore, Newport.
10. The Right Honourable the Earl of CAMPERDOWN, Camperdown House.
11. The Right Honourable the Earl of DALHOUSIE, Brechin Castle.

ORDINARY DIRECTORS.

Ex-Officiis.

12. Provost MONCUR, Dundee.
13. Bailie PHILIP, Dundee.
14. Dean of Guild HENDERSON.

1. *Elected by Nine Incorporated Trades.*

15. JAMES YEAMAN, Esq., Merchant.
16. JOHN SCRYMGEOUR, Esq., High Street.
17. J. E. MANN, Esq., High Street.

2. *By the Three Trades.*

18. D. G. BRUCE, Esq., Seagate.

3. *By the Guildry.*

19. CHARLES SMITH, Esq., Bartley Lodge, Broughty Ferry.
20. CHARLES SCOTT, Esq., Kilburn Place, Newport.
21. The Rev. JOHN MACKAY, Union Street.
22. HUGH BALLINGALL, Esq., 16 Gardner's Lane, for the Maltmen Fraternity.

4. *By the Seamen Fraternity.*

23. JOHN MOIR COCHRANE, Esq., 32 Dock Street.

5. *By the Masters of the Masonic Lodges.*

24. JOHN LOGIE, Esq., 19 Peddie Street.

6. *By the Kirk Session.*

25. The Rev. P. GRANT, D.D., of St. John's, Perth Road.
26. ROBERT KEITH, Esq., Architect, High Street.

7. *By the Presbytery.*

27. The Rev. JOHN TROUP of Clement's.
28. The Rev. J. M. CAMPBELL of Wallacetown.

8. *By the County.*

29. Colonel R. H. A. OGILVY, Millhill, Inchtute.
30. G. D. CLAYHILLS HENDERSON of Invergowrie, Esq.
31. J. E. ERSKINE of Linlathen, Esq.
32. ROBERT MCGAVIN of Ballumbie, Esq.

9. *By the Governors of the Royal Infirmary.*

33. JAMES CHRISTIE, Esq. M.D., Westfield Lane.
34. The Very Rev. Dean NICOLSON, 9 William Street, Forebank.
35. JOHN ROBERTSON, Esq., Merchant.
36. J. W. MILLER, Esq. M.D., Tay Street.
37. JOHN EARL ROBERTSON, Esq., Invercarse.
38. JAMES MITCHELL, Esq., Corn Merchant.
39. GEORGE PHILP, Esq., Merchant.
40. HENRY ROBERTSON, Esq., Merchant.

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### Office-Bearers.

#### COMMITTEE OF MANAGEMENT.

1. Sir JOHN OGILVY, Bart. *Chairman.*
2. W. ROBERTSON, Esq.
3. J. ROBERTSON, Esq.
4. G. D. CLAYHILLS HENDERSON, Esq.
5. HUGH BALLINGALL, Esq.
6. ROBERT KEITH, Esq.

#### HOUSE VISITORS.

1. JOHN EARL ROBERTSON, Esq. to visit during July and October 1883 and January and April 1884.
2. The Very Rev. Dean NICOLSON to visit during August and November 1883 and February and May 1884.
3. GEORGE PHILP, Esq. to visit during September and December 1883 and March and June 1884.

# OFFICERS OF THE ASYLUM.

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RESIDENT.

RESIDENT PHYSICIAN.  
 JAMES RORIE, M.D., L.R.C.S.E.

INTERIM MEDICAL ASSISTANT.

JOHN BAKER, M.B., C.M.

MATRON.

MISS BAYNE.

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NON-RESIDENT.

CONSULTING PHYSICIAN.

MATTHEW NIMMO, SURGEON, AIRLIE PLACE.

TREASURERS.

NICHOLSON & MARQUIS, ACCOUNTANTS, 32 CASTLE STREET.

SECRETARY.

ROBERT C. WALKER, SOLICITOR, 12 EUCLID STREET.

CHAPLAIN.

THE REV. ALEX. F. REID, 17 OSBORNE PLACE,



OFFICERS OF THE ASYLUM.

RESIDENT.

RESIDENT PHYSICIAN.  
JAMES ROHNS, M.D., L.R.C.S.E.

INTERIM MEDICAL ASSISTANT.  
JOHN BARRR, M.R.C.M.

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NON-RESIDENT.

CONSULTING PHYSICIAN.  
MATTHEW NIMMO, Surgeon, Abchurch Lane.

TREASURERS.

NICHOLSON & MARQUIS, ACCOUNTANTS, 22 CASTLE STREET.

SECRETARY.

ROBERT G. WALKER, SOLICITOR, 12 FENWICK STREET.

CHAPLAIN.

The Rev. ALEX. R. REID, 17 OSBORNE PLACE.

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REPORT BY THE DIRECTORS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM  
TO THE  
ANNUAL GENERAL COURT,  
JUNE 1883.

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THE Directors of the Dundee Royal Lunatic Asylum, in laying before their constituents and the public their Sixty-third Annual Report, have much pleasure in directing attention to the fact that the old Buildings have now been abandoned, the removal of the inmates to the new Asylum having been effected in safety and without any serious difficulty by the middle of last October. They regret, however, to have to state that possession of the new Asylum, so far as it has been completed, has been entered upon under financial circumstances of a very embarrassing character. When the erection of the new Asylum was decided upon, the value of the old property was estimated at £65,000 sterling. The Directors consequently considered themselves fully justified in entering on the new undertaking; but no sooner had a commencement been made than a period of commercial depression set in, which has proved so protracted that the old Asylum and its site have been unsaleable. As yet it has been found impossible to realise any portion of it at a price at all approaching its estimated value, and the interest of the debt hitherto incurred in the erection of the new Asylum,



which now amounts to about £60,000, has been found a serious burden and an obstacle to the completion of the works. As it was not considered prudent under the above circumstances to finish the buildings according to the original plans, it was determined, as a temporary measure, to accommodate all the Patients in the building which had been completed, a certain portion being appropriated for the Private Patients, and the rest set apart for the poorer class. The number of the latter class of Patients has, however, so greatly increased, especially on the female side, that difficulties are already experienced in meeting the demands made for admission, and ere long the question as to the best manner in which additional accommodation can be provided must engage the serious consideration of the Board. It has further to be recorded that, notwithstanding the exercise of the most rigid economy consistent with a due regard to the welfare and safety of the inmates, it will be seen from the Treasurer's Report that the Expenditure for the past year has considerably exceeded the Income, although the latter, in consequence of the increased number of Patients under treatment, is much above that of any previous year. This has been the result in a great measure of an Expenditure of an altogether exceptional character, due to the transference of the Establishment and opening of the new Buildings. Although the Directors have every reason to believe that this increase will be only temporary, they do not, under the circumstances in which they at present feel themselves placed, consider that they would be justified in adding to the debt already incurred. They therefore see no means of meeting their annual obligations unless by raising the rate of Board charged for the Pauper Class of inmates. This proposal they recommend with all the greater confidence when the low rates of Board hitherto charged in the old Asylum for Pauper Patients are borne in mind,—rates which barely covered, if they indeed did cover, the cost of the Patients' maintenance. This subject was fully referred to in a

recent Report (Sixtieth for 1880), but on the present occasion it may not be out of place to recapitulate what these rates were.

When the Asylum was opened for the admission of Patients in the year 1820, the rate charged for Pauper cases received from privileged Parishes was 7/- per week, a rate which continued unaltered for eight years. In 1828, however, "in consequence of the reduced price of provisions and other circumstances" this charge was lowered to 6/- per week, and remained at that figure till 1835, when a further reduction to 5/- per week was effected, which, as was stated in the Annual Report for that year, did not more than cover the actual outlay of the House upon the individual. The 5/- rate continued unaltered for twelve years till 1847, when, in consequence of the high rate of interest charged on the debt, which then amounted to fully £9000, and the high price of provisions, it was found necessary to raise it to 6/- per week. For another twelve years no change was found to be necessary, and when in the year 1859 the rate was raised to 8/- per week, the alteration was as much a new agreement entered into with the Parishes as an increased charge for the maintenance of the Patients, because the Asylum then undertook new obligations in agreeing for this sum to provide and maintain wearing apparel, clothing, shoes, &c. for the inmates so long as they remained in the Asylum, articles which previously had been supplied by the respective Parishes. The operation of the Lunatic Wards in connection with the Dundee Poor-houses commenced in December 1864, and the systematic removal of the quiet, harmless, and least expensive class of Pauper Patients soon told seriously on the financial position of the Asylum. This led Sir JAMES COXE, one of Her Majesty's Commissioners on Lunacy, to remark in his official Report of 11th December 1866, that as the interchange of patients consisted in "taking out good cases and sending in bad," and had

already resulted in "an accumulation beyond a proper proportion of excited, destructive, and expensive Patients in the Asylum," the Directors would "find themselves compelled to raise the rate of payment for Parochial Patients," but no alteration on this rate was made till 1868, when it was increased as a tentative measure to 9/-. This proving insufficient, a further increase to 9/6 was made in 1873, and to 10/- in 1875, when a satisfactory balance between Income and Expenditure was reached. 10/- per week has been until now the rate charged for this class of inmates.

At first sight this rate may seem to be ample for the maintenance of the insane poor, but when the character of the present population and the continued effect of the Poorhouse Lunatic Wards are taken into consideration, it will be found to compare favourably with the rates charged by other Chartered Asylums, and even some of the Parochial Asylums, as will be seen from the following extract from the last Report of the General Board of Lunacy for Scotland for year 1882 :—

|                | For District Pauper Patients. |      | For Pauper Patients beyond District. |          |
|----------------|-------------------------------|------|--------------------------------------|----------|
| Aberdeen, ...  | £26                           | 10 0 | —                                    | £29 10 0 |
| Dumfries, ...  | 23                            | 0 0  | & £27                                | 0 0      |
| Dundee, ...    | 26                            | 0 0  | —                                    | 28 12 0  |
| Edinburgh, ... | 30                            | 0 0  | —                                    | 32 0 0   |
| Glasgow, ...   | 31                            | 4 0  | & 34                                 | 17 8     |
| Montrose, ...  | 24                            | 10 0 | —                                    | 27 0 0   |

| Parochial Asylums.          |     | Rates charged for Boarders from other Parishes. |                |
|-----------------------------|-----|-------------------------------------------------|----------------|
| Abbey Parochial Asylum, ... | ... | £32                                             | 10 0           |
| Barony, ...                 | ... | 33                                              | 16 0           |
| Glasgow, ...                | ... | 31                                              | 17 0           |
| Govan, ...                  | ... | 32                                              | 10 0           |
| Greenock, ...               | ... | 32                                              | 10 0 & £35 2 0 |
| Paisley, ...                | ... | 35                                              | 2 0            |

The Architects have kindly furnished the following Report as to the new Asylum :—

10 “The Buildings have been for some time completely finished and occupied, and they are in every way well suited to their purpose. It was found, however, that the Female Pauper Patients when placed in the parts of the building allotted to them, after providing room for the Private Patients in the same building, were very much overcrowded, and that it was necessary to provide for them additional accommodation. After considering the matter, we were of opinion that the easiest available space for extension was to be found in the Amusement Room. One-half of it has therefore been boarded off and fitted up temporarily as dormitories.

“At our last visit we found the Patients engaged in finishing the roads and slopes, so that the whole place is now assuming a completed appearance.

“The shrubs and trees looked healthy, and had made great progress.

“The irrigating scheme is not yet properly in operation on account of the openness of the soil, which causes it to be necessary to form some open drain tracks of wood or other material to spread the sewage, otherwise everything is in excellent working order.”

On referring to the Treasurers' Report it will be observed that the Income of the Institution during the past year has been ... .. £9549 14 1  
and the Expenditure ... .. 9797 19 11  

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showing a deficiency of ... .. £248 5 10

The Resident Physician's Report shews that on the 19th June last there were 326 Patients in the Asylum, 127 males and 199 females, while at present there are 340, that number being made up of 134 males and 206 females, 139 Patients having been admitted during the year, 61 having recovered, 33

having died, 9 having been removed to the Lunatic Wards of Poorhouses, 14 to other Asylums, 2 by friends not recovered, 3 escaped, and 2 removed by Minutes of Parochial Board.

The Directors have again to state that they are satisfied with the manner in which the various Officials of the Corporation perform their duties.

At our last visit we found the Patients engaged in finishing the roads and slopes, so that the whole place is now assuming a completed appearance. The shrubs and trees looked healthy and had made great progress. The irrigating scheme is not yet properly in operation on account of the openness of the soil, which causes it to be necessary to form some open drain tracks of wood or other material to spread the sewage, otherwise everything is in excellent working order.

On referring to the Treasurer's Report it will be observed that the Income of the Institution during the past year has been £3549 14 1 and the Expenditure £3787 19 11 showing a deficiency of £238 5 10

The Resident Physician's Report shows that on the 1st June last there were 326 Patients in the Asylum, 127 males and 199 females, while at present there are 340, that number being made up of 154 males and 186 females, 183 Patients having been admitted during the year, 61 having recovered, 35

ABSTRACT  
OF THE  
INCOME AND EXPENDITURE  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM

*For the Year ending 31st March 1883.*

INCOME.

|                              |             |
|------------------------------|-------------|
| Board of Patients, . . . . . | £9,549 14 1 |
|------------------------------|-------------|

EXPENDITURE.

SALARIES—

|                                 |      |   |   |
|---------------------------------|------|---|---|
| Resident Physician, . . . . .   | £600 | 0 | 0 |
| Assistant Do., . . . . .        | 95   | 0 | 0 |
| Matron, . . . . .               | 100  | 0 | 0 |
| Consulting Physician, . . . . . | 26   | 5 | 0 |
| Chaplain, . . . . .             | 50   | 0 | 0 |
| Secretary, . . . . .            | 70   | 0 | 0 |
| Treasurers, . . . . .           | 80   | 0 | 0 |

£1,021 5 0

Less—Fees from

|                    |  |
|--------------------|--|
| Patients, £70 7 0  |  |
| Attendance, 14 8 0 |  |

84 15 0

£936 10 0

|                               |        |    |    |
|-------------------------------|--------|----|----|
| Servants' Wages, . . . . .    | £1,376 | 7  | 8  |
| Soap, &c., . . . . .          | 49     | 1  | 3  |
| Taxes, . . . . .              | 421    | 2  | 8  |
| Advertising, &c., . . . . .   | 96     | 18 | 5½ |
| Coals and Firewood, . . . . . | 296    | 12 | 8  |
| Fire Insurance, . . . . .     | 53     | 17 | 6  |
| Feu-duty, . . . . .           | 818    | 19 | 6  |
| Gas, . . . . .                | 195    | 0  | 3  |
| Incidents, . . . . .          | 195    | 3  | 9  |

|                                      |           |
|--------------------------------------|-----------|
| Amounts carried forward, £3,503 3 8½ | £936 10 0 |
|--------------------------------------|-----------|

|                                                                     |        |    |     |        |    |     |
|---------------------------------------------------------------------|--------|----|-----|--------|----|-----|
| Amounts brought forward,                                            | £3,503 | 3  | 8½  | £936   | 10 | 0   |
| Patients' Extras,                                                   | 47     | 8  | 3   |        |    |     |
| Straw, . . . . .                                                    | 48     | 18 | 10  |        |    |     |
| Butcher Meat, . . . . .                                             | 1,200  | 0  | 5½  |        |    |     |
| Butter, . . . . .                                                   | 321    | 0  | 7½  |        |    |     |
| Beer and Ale, . . . . .                                             | 33     | 7  | 10  |        |    |     |
| Bread, . . . . .                                                    | 829    | 12 | 7½  |        |    |     |
| Barley and Pease, . . . . .                                         | 61     | 4  | 9   |        |    |     |
| Cheese, . . . . .                                                   | 46     | 11 | 0½  |        |    |     |
| Eggs, &c., . . . . .                                                | 23     | 15 | 8½  |        |    |     |
| Fish, . . . . .                                                     | 60     | 5  | 5   |        |    |     |
| Groceries, . . . . .                                                | 67     | 0  | 3   |        |    |     |
| Milk, . . . . .                                                     | 491    | 2  | 6½  |        |    |     |
| Meal, . . . . .                                                     | 165    | 11 | 5   |        |    |     |
| Medicines, . . . . .                                                | 117    | 9  | 5½  |        |    |     |
| Potatoes, Vegetables, &c., . . . . .                                | 28     | 10 | 3   |        |    |     |
| Sugar, . . . . .                                                    | 130    | 15 | 0   |        |    |     |
| Tea, . . . . .                                                      | 166    | 3  | 9   |        |    |     |
| Water, . . . . .                                                    | 190    | 3  | 3   |        |    |     |
| Interest, . . . . .                                                 | 15     | 10 | 11  |        |    |     |
|                                                                     |        |    |     | 7,547  | 16 | 1   |
| Furniture, . . . . .                                                | £203   | 17 | 11½ |        |    |     |
| Grounds, . . . . .                                                  | 4      | 11 | 3   |        |    |     |
| Mason Work, . . . . .                                               | 1      | 16 | 2   |        |    |     |
| Plumber Work, . . . . .                                             | 20     | 12 | 10  |        |    |     |
| Painter Work, . . . . .                                             | 21     | 14 | 5   |        |    |     |
| Plaster Work, . . . . .                                             | 0      | 5  | 10  |        |    |     |
| Smith Work, . . . . .                                               | 9      | 8  | 6   |        |    |     |
| Wright Work, . . . . .                                              | 18     | 19 | 5   |        |    |     |
| Ironmongery, . . . . .                                              | 22     | 17 | 9   |        |    |     |
| Store, . . . . .                                                    | 594    | 3  | 1   |        |    |     |
| Opposition to Lunacy Districts<br>(Scotland) Bill . . . . .         | 94     | 14 | 8   |        |    |     |
|                                                                     |        |    |     | 993    | 1  | 10½ |
| Farm Account (Stocking, &c.),                                       | £218   | 11 | 1½  |        |    |     |
| Garden Account, . . . . .                                           | 2      | 0  | 10  |        |    |     |
| Drainage—West Green, . . . . .                                      | 100    | 0  | 0   |        |    |     |
|                                                                     |        |    |     | 320    | 11 | 11½ |
| Total of Expenditure, . . . . .                                     |        |    |     | £9,797 | 19 | 11  |
| Deduct—Excess of Expenditure carried to Debit of Capital, . . . . . |        |    |     | 248    | 5  | 10  |
| Equal to Income, . . . . .                                          |        |    |     | £9,549 | 14 | 1   |

NICHOLSON & MARQUIS, *Treasurers,*

DAVID MYLES, *Auditor,*

ABSTRACT VIEW  
OF THE  
AFFAIRS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM,  
*From 1820 to 1883.*

|                                                                                            |                |
|--------------------------------------------------------------------------------------------|----------------|
| Amount of Income from 1821 to 1883, . . . . .                                              | £283,373 12 4½ |
| Amount of Expenditure from 1820 to 1883, . . . . .                                         | 261,696 2 6    |
| Excess of Income, . . . . .                                                                | £21,677 9 10½  |
| Add—Donations and Legacies from 1820 to 1883, . . . . .                                    | 16,596 19 4½   |
|                                                                                            | £38,274 9 3    |
| <br>DEDUCT—                                                                                |                |
| 1.—Debts due to Asylum on 31st<br>March 1883, . . . . .                                    | £3,305 10 3    |
| 2.—Sum formerly written<br>off for depreciation of<br>Buildings, . . . . .                 | 455 18 0       |
| 3.—Arrears of Board written<br>off as irrecoverable, . . . . .                             | 152 2 0        |
|                                                                                            | £3,913 10 3    |
| <br>ADD—                                                                                   |                |
| Proportion of Expenditure, 1871,<br>1872, and 1873, treated as<br>ameliorations, . . . . . | 600 0 0        |
|                                                                                            | 3,313 10 3     |
| Total, . . . . .                                                                           | £34,960 19 0   |
| Equal to Amount appearing at Debit of Property on<br>General Balance Sheet, . . . . .      | £34,960 19 0   |

NICHOLSON & MARQUIS, *Treasurers.*



# DUNDEE ROYAL LUNATIC ASYLUM.

## BALANCE-SHEET ON 31st MARCH 1883.

| <b>Dr.</b>                                                                |              | <b>Cr.</b>   |
|---------------------------------------------------------------------------|--------------|--------------|
| <b>To PATIENTS :—</b>                                                     |              |              |
| Balance of Patients' Ledger, . . . . .                                    | £155 12 7    |              |
| <b>FURNISHINGS :—</b>                                                     |              |              |
| For Private Patients, . . . . .                                           | 74 2 1       |              |
| <b>PROPERTY :—</b>                                                        |              |              |
| Standing against in Ledger<br>at 31st March 1882, . . . . .               | £36,618 16 4 |              |
| Deduct—Value of Furniture<br>removed from Old<br>to New Asylum, . . . . . | 1,657 17 4   |              |
|                                                                           | 34,960 19 0  |              |
| <b>STOCK :—</b>                                                           |              |              |
| Of Clothing, Fuel, and Provisions, . . . . .                              | 374 13 2     |              |
| <b>NEW ASYLUM :—</b>                                                      |              |              |
| Due by it, . . . . .                                                      | 4,851 7 8    |              |
|                                                                           | £40,416 14 6 |              |
| <b>BY MORTIFICATIONS :—</b>                                               |              |              |
| Sum at Credit, . . . . .                                                  |              | £841 19 3    |
| <b>CAPITAL :—</b>                                                         |              |              |
| Value of Property as per<br>Ledger, . . . . .                             | £34,960 19 0 |              |
| <b>ADD—</b>                                                               |              |              |
| Excess of Debts due to<br>Asylum over those due<br>by it, . . . . .       | 3,305 10 3   | 38,266 9 3   |
| <b>UNION BANK OF SCOTLAND :—</b>                                          |              |              |
| Due to it, . . . . .                                                      |              | 1,308 6 0    |
|                                                                           |              | £40,416 14 6 |

NICHOLSON & MARQUIS, *Treasurers.*  
DAVID MYLES, *Auditor.*

# ACCOUNTS FOR NEW ASYLUM.

BALANCE-SHEET ON 31ST MARCH 1883.

| Dr.                                                                               |             | Cr.          |
|-----------------------------------------------------------------------------------|-------------|--------------|
| To Preliminary Expenses, . . . . .                                                | £122 3 11   |              |
| „ PURCHASE OF SITE :—                                                             |             |              |
| Pre-emption of additional Ground, Feu-<br>duty, Expense of Lease, &c. &c. . . . . | 3,999 16 9  | £52,125 12 4 |
| „ Erection of New Asylum . £43,982 6 8                                            |             |              |
| ADD—                                                                              |             |              |
| Value of Furniture removed<br>from Old to New Asylum, 1,657 17 4                  | 45,640 4 0  |              |
| „ Bank Interest, . . . . .                                                        | 7,214 15 4  |              |
|                                                                                   | £56,977 0 0 | £56,977 0 0  |

NICHOLSON & MARQUIS, *Treasurers.*  
DAVID MYLES, *Auditor.*

## Comparative Statement of Income and For Years ending 31st March

### I N C O M E.

|                                         | 31st March 1882. | Increase. | Decrease. | 31st March 1883. |
|-----------------------------------------|------------------|-----------|-----------|------------------|
| Board of Patients, . . . . .            | £9062 17 6       | £486 16 7 | ...       | £9549 14 1       |
| Interest, . . . . .                     | 46 13 5          | ...       | £46 13 5  | ...              |
|                                         | £9109 10 11      | £486 16 7 | £46 13 5  | £9549 14 1       |
| Increase of Income this year, . . . . . | . . . . .        | . . . . . | . . . . . | £440 3 2         |
| Increase of Boards, . . . . .           | . . . . .        | . . . . . | £486 16 7 | . . . . .        |
| Decrease of Interest, . . . . .         | . . . . .        | . . . . . | 46 13 5   | . . . . .        |
|                                         | . . . . .        | . . . . . | £440 3 2  | . . . . .        |

# Expenditure of the Dundee Royal Lunatic Asylum

1882 and 31st March 1883.

## EXPENDITURE.

|                                                      | 31st March 1882. | Increase.         | Decrease.       | 31st March 1883.   |
|------------------------------------------------------|------------------|-------------------|-----------------|--------------------|
| Provisions, . . .                                    | £3259 16 11      | £365 4 9          | ...             | £3625 1 8          |
| Repairs and Im- }<br>provements, . . }               | 219 1 9          | ...               | 123 6 10        | 95 14 11           |
| Salaries, . . .                                      | 891 13 2         | 44 16 10          | ...             | *936 10 0          |
| Less—Fees, . . . £70 7 0<br>Attendance, . . . 14 8 0 | <u>*£84 15 0</u> |                   |                 |                    |
| Servants' Wages, . .                                 | 1058 0 5         | 318 7 3           | ...             | 1376 7 8           |
| Feu-duty, . . .                                      | 104 0 1          | 714 19 5          | ...             | 818 19 6           |
| Furniture, . . .                                     | 212 11 1         | ...               | 8 13 1½         | 203 17 11½         |
| Coals, Gas, and }<br>Water, . . . }                  | 544 17 3         | 136 18 11         | ...             | 681 16 2           |
| Grounds, . . .                                       | 89 11 0          | ...               | 84 19 9         | 4 11 3             |
| Interest, . . .                                      | ...              | 15 10 11          | ...             | 15 10 11           |
| Insurance, . . .                                     | 18 7 3           | 35 10 3           | ...             | 53 17 6            |
| Medicines, . . .                                     | 107 18 5         | 9 11 0½           | ...             | 117 9 5½           |
| Patients' Extras, . .                                | 45 13 0          | 1 15 3            | ...             | 47 8 3             |
| Store, . . .                                         | 652 14 8         | ...               | 58 11 7         | 594 3 1            |
| Soap, &c., . . .                                     | 66 8 6           | ...               | 17 7 3          | 49 1 3             |
| Straw, . . .                                         | 63 17 3          | ...               | 14 18 5         | 48 18 10           |
| Advertising, &c., . .                                | 71 9 10          | 25 8 7½           | ...             | 96 18 5½           |
| Taxes, . . .                                         | 256 11 0         | 164 11 8          | ...             | 421 2 8            |
| Incidents, . . .                                     | 126 12 5         | 68 11 4           | ...             | 195 3 9            |
| Law Expenses, . . .                                  | 7 0 0            | 87 14 8           | ...             | 94 14 8            |
| Farm Account, . . .                                  | 235 19 8         | ...               | 17 8 6½         | 218 11 1½          |
| Garden Account, . . .                                | 9 0 9            | ...               | 6 19 11         | 2 0 10             |
| Drainage, West Green,                                | 400 0 0          | ...               | 300 0 0         | 100 0 0            |
|                                                      | <u>£8441 4 5</u> | <u>£1989 0 11</u> | <u>£632 5 5</u> | <u>£9797 19 11</u> |
| Expenditure this year, . . .                         |                  |                   |                 | £9797 19 11        |
| Expenditure last year, . . .                         |                  |                   |                 | 8441 4 5           |
| Increase, . . .                                      |                  |                   |                 | £1356 15 6         |
| Increase this year, as above, . . .                  |                  | £1989 0 11        |                 |                    |
| Decrease this year, as above, . . .                  |                  | 632 5 5           |                 |                    |
|                                                      |                  |                   |                 | <u>£1356 15 6</u>  |

PROGRESSIVE VIEW OF THE AFFAIRS OF THE DUNDEE ROYAL LUNATIC ASYLUM.

| Year.   | Income.                                                      | Expenditure.  | Excess of Income. | Deficiency of Income. | Donations and Legacies. | Yearly Expenditure on Buildings. | Total Expenditure on Buildings. | Debts due by the Asylum at end of each year. | Debts due to the Asylum at end of each year. | Capital at end of each year. |
|---------|--------------------------------------------------------------|---------------|-------------------|-----------------------|-------------------------|----------------------------------|---------------------------------|----------------------------------------------|----------------------------------------------|------------------------------|
| 1820 to |                                                              |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
| 1870    | £193,108 12 8                                                | £173,717 10 7 | £20,206 14 5      | £815 12 4             | £16,176 18 4½           | £35,707 13 8                     | £35,707 13 8                    | £72 18 8½                                    | .....                                        | £35,112 2 5½                 |
| 1871    | 5,498 5 6                                                    | 5,284 6 6     | 213 19 0          | .....                 | 195 17 7                | .....                            | 35,707 13 8                     | .....                                        | £336 17 10½                                  | 35,521 19 0½                 |
| 1872    | 5,119 0 9½                                                   | 5,735 9 0     | .....             | 616 8 2½              | .....                   | 318 19 7                         | 36,026 13 3                     | 598 9 11                                     | .....                                        | 34,905 10 10                 |
| 1873    | 5,405 2 11                                                   | 5,976 4 9     | .....             | 571 1 10              | 100 4 11                | 600 0 0                          | 36,626 13 3                     | 1,069 6 10                                   | .....                                        | 35,034 13 11                 |
| 1874    | 5,859 5 6                                                    | 6,050 12 9    | .....             | 191 7 3               | 39 3 7                  | .....                            | 36,626 13 3                     | 1,221 10 6                                   | .....                                        | 34,882 10 3                  |
| 1875    | 5,978 10 8                                                   | 6,181 17 0    | .....             | 203 6 4               | 32 14 11                | .....                            | 36,626 13 3                     | 1,392 1 11                                   | .....                                        | 34,711 18 10                 |
| 1876    | 6,566 16 10                                                  | 6,519 18 8    | 46 18 2           | .....                 | 1 0 0                   | .....                            | 36,626 13 3                     | 1,344 3 9                                    | .....                                        | 34,759 17 0                  |
| 1877    | 6,782 0 9                                                    | 6,440 0 10    | 321 19 11         | .....                 | 50 0 0                  | .....                            | 36,626 13 3                     | 972 3 10                                     | .....                                        | 35,131 16 11                 |
| 1878    | 7,169 12 10                                                  | 6,759 16 5    | 409 16 5          | .....                 | 1 0 0                   | 346 17 7                         | 36,973 10 10                    | 908 5 0                                      | .....                                        | 35,542 13 4                  |
| 1879    | 7,507 14 5                                                   | 7,137 5 10    | 370 8 7           | .....                 | .....                   | 167 18 0                         | 37,141 8 10                     | 705 14 5                                     | .....                                        | 35,913 1 11                  |
| 1880    | 7,711 8 10                                                   | 6,821 8 0     | 890 0 10          | .....                 | .....                   | .....                            | 37,141 8 10                     | .....                                        | 184 6 5                                      | 36,803 2 9                   |
| 1881    | 8,027 15 8                                                   | 6,832 7 10    | 1,195 7 10        | .....                 | .....                   | .....                            | 37,141 8 10                     | .....                                        | 1,379 14 3                                   | 37,998 10 7                  |
| 1882    | 9,109 10 11                                                  | 8,441 4 5     | 668 6 6           | .....                 | .....                   | .....                            | 37,141 8 10                     | .....                                        | 2,048 0 9                                    | 38,666 17 1                  |
| 1883    | 9,549 14 1                                                   | 9,797 19 11   | .....             | 248 5 10              | .....                   | .....                            | 37,141 8 10                     | .....                                        | 3,305 10 3                                   | 38,266 9 3                   |
|         | £283,373 12 4½                                               | £261,606 2 6  | £24,323 11 8      | £2,646 1 9½           | £16,596 19 4½           | £37,141 8 10                     |                                 |                                              |                                              |                              |
|         | Deduct for Depreciation of Property, .. .. . £455 18 0       |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Do. for Ground and Materials sold, .. .. . 66 14 6           |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Do. for Furniture removed from Old to New Asylum, 1,657 17 4 |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Amount at Debit of Property on Balance Sheet, .. .. .        |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Capital as above, .. .. . £38,266 9 3                        |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Deduct Debts due to Asylum, 3,305 10 3                       |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
|         | Equal to amount of Property, .. .. . £34,960 19 0            |               |                   |                       |                         |                                  |                                 |                                              |                                              |                              |

THE following twenty-six parishes, the parishioners of which have contributed £20 or more to the funds of the Asylum, are entitled to have their pauper patients admitted into the lowest class, and are accordingly charged the lowest rate of Board ; but no other parish, since 1823, can claim the privilege. The parish of St. Andrews was privileged in 1837, and the parish of Kingsbarns in 1852, to have each one patient only in the Asylum at the lowest rate of board.

|               |                                |
|---------------|--------------------------------|
| AIRLIE.       | KETTINS.                       |
| ALYTH.        | KINGSBARNs, one patient only.  |
| ARBROATH.     | LIFF AND BENVIE.               |
| AUCHTERHOUSE. | LONGFORGAN.                    |
| BRECHIN.      | MAINS AND STRATHMARTINE.       |
| DUNDEE.       | MONIFIETH.                     |
| DUNNICHEN.    | MONIKIE.                       |
| FORFAR.       | MURROES.                       |
| GLAMIS.       | NEWTYLE.                       |
| GUTHRIE.      | RESCOBIE.                      |
| INVERARITY.   | ST. ANDREWS, one patient only. |
| KIRRIEMUIR.   | TANNADICE.                     |
| KINNETTLES.   | TEALING.                       |

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AT THE  
ANNUAL COURT OF DIRECTORS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM,  
HELD IN THE TOWN HALL OF DUNDEE  
ON MONDAY, 18TH JUNE 1883,

SIR JOHN OGILVY, BART. IN THE CHAIR ;

The Secretary read the Annual Report of the Directors.

The Rev. Dr. GRANT moved that the Report now read be adopted as the Sixty-third Report of the Institution, which was agreed to.

Dr. RORIE read the Medical Report.

It was resolved that the Annual Report of the Directors, the Medical Report, and the Abstract of the Income and Expenditure for the past year, be circulated as usual.

The following twenty-six parishes, the parishes of which have contributed £20 or more to the funds of the Asylum, are entitled to have their pauper patients admitted into the lowest class, and are accordingly charged the lowest rate of Board; but in other parishes, since 1833, can claim the privilege. The parish of St. Andrew was privileged in 1837, and the parish of Kingsdown in 1852, to have each one patient only in the Asylum at the lowest rate of board.

|           |                              |
|-----------|------------------------------|
| ALLEN     | RETIRE                       |
| ARMISTEAD | KINGSBARN, one patient only  |
| ASTOR     | LYVE AND HERTS               |
| BURTON    | LYSTON                       |
| CLARE     | MALDEN AND STRATHFIELD       |
| COCKFIELD | MONKTON                      |
| COVE      | ROSE                         |
| CRANBURY  | ST. ANDREW, one patient only |
| CRANLEY   | TAKING                       |
| CRANLEY   | TRADING                      |

AT THE

ANNUAL COURT OF DIRECTORS

OF THE

DUNDEE ROYAL LUNATIC ASYLUM

HELD IN THE TOWN HALL OF DUNDEE

ON MONDAY 15<sup>th</sup> JUNE 1862.

MR JOHN OGILVY, BARRISTER AT LAW, IN THE CHAIR.

The Secretary read the Annual Report of the Directors.

The Rev. Mr. GLAZIER moved that the Report now read be adopted as the basis of the Report of the Institution, which was agreed to.

Dr. HORN read the Medical Report.

It was resolved that the Annual Report of the Directors, the Medical Report, and the Abstract of the Income and Expenditure for the last year, be circulated as usual.

## MEDICAL REPORT.

18TH JUNE 1883.

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ON the 19th June 1882, the date of last Annual Meeting, the number of patients resident in the Asylum was 127 males and 199 females; total, 326. Of these, 59, namely, 29 males and 30 females, were private patients, and 267, namely, 98 males and 169 females, were paupers.

139 have since been admitted, of whom 53 were males and 86 females. 17 of these were private cases, that is, patients the expense of whose maintenance was defrayed by their relatives or friends; and 122 were pauper patients, sent in by, or afterwards found chargeable to, the following parishes—Dundee Combination, Monifieth, Arbroath, Mains and Strathmartine, Barry, Turriff, Aberdour, Perth, and Kettins.

The total number under treatment has therefore been 465, being 39 in excess of last year.

Of these, 61 have been discharged recovered, namely, 19 males and 42 females, 13 being private and 48 being pauper cases; 6 males and 8 females were transferred to other Asylums, being chiefly pauper patients chargeable to parishes beyond this district; 1 male and 2 females were removed from the Asylum by Minutes of Parochial Boards; 4 males and 5 females were transferred to the Lunatic Wards of Poorhouses; 1 female was taken home by her friends; 1 male patient was taken charge of by an Inspector of Poor and removed to the care of his friends; and 1 male and 2 female pauper patients effected their escape.



33 patients have died, of whom 14 were males and 19 females.

There remain therefore at the present date 134 males and 206 females ; total, 340.

The percentage of recoveries, calculated on the number admitted, is consequently 43·88 ; while that of the deaths, calculated on the whole number under treatment, is 7·09.

46 of the patients admitted were found to be suffering from monomania ; 27 from acute mania ; 27 from dementia ; 21 from melancholia ; 5 from epileptic mania ; 4 from idiocy ; 3 from general paralysis ; 2 from chronic mania ; 1 from recurrent mania ; and 3 from puerperal mania.

The physical condition of the patients on admission still continues to be of the same unfavourable character to which we have so often directed attention. Of the 139 patients admitted, only 15 could be recorded as in thoroughly good physical health ; 57 were in a fair condition ; 39 were frail ; 6 very frail ; 7 frail and paralytic ; 2 were entered on the Registers as frail and emaciated ; 1 as frail and exhausted ; 2 as in good health but epileptic ; 1 as very frail and paralytic ; 2 as very frail and exhausted ; 1 as in a fair condition but suffering from heart disease ; 2 as frail and epileptic ; 1 as fair but paralytic ; and 3 as frail and suffering from heart disease.

10 patients were brought to the Asylum from other Public Institutions, 3 having been received from other Asylums, 4 from the ordinary Wards of Poorhouses, 1 from the Infirmary, 1 from Wellburn Institution, Lochee, and 1 from the Sailors' Home. Several were also brought direct from the Police Office, having either gone thither and given themselves up on imaginary charges, accused others of injuring them, or been found on the streets insane and unable to take care of themselves. 3 were re-transfers from the Lunatic Wards of Poorhouses, cases which in some way or other had been thought unsuitable for detention in these Wards. One of the patients received into the

Asylum was found early one morning rolling about on the grass in front of the Buildings, and being evidently unfit to be at large was admitted on an Emergency Certificate. He was afterwards identified as having been at one time in a neighbouring Asylum; and his friends having been communicated with, he was allowed to leave the Institution in charge of the Inspector of Poor, Perth. It has again to be recorded that many of the patients admitted were well advanced in years: one being 63; two, 64; one, 65; two, 66; two, 67; two, 70; three, 71; one, 74; and one 76 years of age.

Of the patients discharged recovered, 4 had been under treatment for periods varying from 2 to 3 months; 14 under 6 months; 14 under 9 months; 5 under 1 year; 19 under 2 years; 2 under 3 years; and 1 under 4, 5, and 8 years respectively. The discharge of so many patients who had been more than two years resident in the Asylum was in a great measure the result of an effort made to reduce as far as possible the number of inmates by sending the most likely cases out of the Institution on trial. In order to do this efficiently and safely, advantage was taken of the statutory powers which allow patients to be out of Asylums on pass for a period not exceeding 28 days. Several were returned to the Asylum before the 28 days had expired, having proved in some way or other unsuitable for liberation; but the above statistics show that on the whole the experiment was successful.

As already stated, the entries in the obituary register amount to 33 in all. Of these, 14 refer to male and 19 to female patients. In 7 cases death resulted from paralysis; in 5 from phthisis; in 5 from general paralysis; in 4 from senile decay; in 2 from exhaustion; in 3 from heart disease; and in 7 cases bronchitis, pulmonary congestion, erysipelas, chronic meningitis, apoplexy, marasmus, and suicide by drowning were severally the causes of the fatal results. The case last-mentioned was that of a female patient, who, although known to be suicidal,

and therefore carefully watched, yet succeeded in secreting herself in one of the bath-rooms and drowning herself in the bath, although not out of sight for fifteen minutes. Artificial respiration and other means for her recovery were immediately adopted and persevered in for fully two hours, but without success.

In the Medical Report of last year it was stated that a considerable number of male patients, under charge of a few trustworthy attendants, had already been residing for some time in the New Asylum, and had been busily engaged in putting the house in order, preparatory to the removal of the rest of the inmates. On the 14th July this number had been increased to 47, including attendants; on the 22nd July, to 64; on 11th August, to 81; on 18th August, to 113; on 29th August, to 118; on 30th August, to 144; on 1st September, to 160; on 4th September, to 186; on the 7th September, to 220; on the 12th September, to 242; on the 15th September to 264; on 22nd September, to 274; on 27th September, to 296; on 29th September, to 308; on 6th October, to 326; on 16th October, to 342; and on the 17th October the removal of the whole Establishment, amounting to 358 individuals, had been effected in safety, no accident having occurred, nor any special difficulty worthy of notice having been encountered.

Considering the time of the year that the transference of most of the inmates took place, and the fact that many were aged and infirm, the amount of physical derangement which always accompanies the removal of so large a number of the insane from one Institution to another has been considerably less than was anticipated, for, with the exception of a few rather severe cases of erysipelas, which however had shown itself in the Old Asylum, and had probably been due to the overcrowded state of the female pauper Wards there, and the occurrence of an attack of diarrhœa, which threatened at one time to assume an epidemic form, but which was fortunately confined to 10 or 12 of the more degraded female patients, no serious illness has

taken place. On the contrary, the physical health of many, especially of those engaged in farm and field operations, has very materially improved. It is also a fact worthy of notice, contrary to what was expected, that the removal has not increased materially the actual death rate, this year's mortality having been frequently exceeded in the Old Asylum, where such disturbing influences were not in operation.

As regards the internal arrangements of the Institution, the hot-water heating apparatus and the steam-cooking apparatus have been found to answer well, with the exception of the means for removing the steam coming off from the meat boilers, which are inadequate and will require some slight modification. The laundry machinery has wrought well and been found suitable, and the steam-engine power ample for its purpose. A certain loss of heating power having, however, been experienced in the operation of the steam boiler, a competent engineer has recently carefully examined it and its connections with the hot-water cisterns, and has reported that this can readily be remedied by the addition of a stop cock to the feeding pipe, and by covering the underground steam pipes with felt and the cisterns with wooden cases.

One of the most marked improvements, however, has been that in the Dining Hall. Accustomed in the Old Asylum to have their food served out in the different wards and day rooms, it was at first feared that a difficulty might be experienced in inducing so large a number of patients, and of both sexes, to take their meals in the same hall, but this has not proved to be the case. With comparatively few exceptions, namely, the very violent or degraded, all the patients readily fell into the new system, and now breakfast, dine, and sup together with a wonderful amount of quietness, order, and decorum. A portion of the hall, including the large bow-window, has been screened off by a curtain 7 feet high for the exclusive use of the private patients, and forms an admirable dining room for this class, and

as their hours for meals have been arranged different from those of the poorer class of patients, thorough privacy is secured, and no inconvenience results to either portion of the community. Several of the more intelligent private patients have frequently expressed their appreciation of the improvements thus effected in the dining arrangements.

In consequence of the financial difficulties in which the Asylum has been hitherto placed and the consequent necessity experienced of restricting all expenditure to what was absolutely required for the safety and well-being of the patients, much less progress has been made in painting, papering, and otherwise furnishing and adorning the house than could have been desired, and in more favourable circumstances could have easily been effected by the inmates. Still, especially during the last two months, a good deal of useful work has been done in this direction. Under the supervision of the male Head Attendant from 4 to 5 male patients have been busily engaged in oil painting and stencilling the day-rooms and corridors on both sides of the house. The improvement thus already effected is very marked, and will add much to the comfort of the patients and sanitary state of the building, the only expense incurred being the price of the materials used.

The farm and grounds have afforded ample and very beneficial occupation for a large number of the male patients—to more than double the number who were formerly thus employed—a large proportion being engaged in the usual garden and farm work, while others have done good service in breaking stones and repairing the roads, which were found in a very unsatisfactory state. And although much attention has necessarily been directed to these more important matters, it is but right to mention that the more agreeable forms of distraction, namely, the recreation and amusements, have not been allowed to fall off. During the winter months the usual fortnightly dancing and musical parties were resumed and continued till the middle

of March, the New-Year's festivities being greatly enhanced by a private theatrical entertainment, somewhat similar, but of a more ambitious character, to that which during the previous winter gave so much satisfaction. The piece chosen on this occasion was "the well-known romance of real life by John Maddison Morton, entitled BOX AND COX, followed, after an interval, by a Musical Entertainment by a world-renowned troupe of Christy Minstrels," nine in number, and dressed in the usual characteristic and orthodox costume, and who, as the playbills circulated among the audience informed them, "never had performed and never would perform out of Dundee and its neighbourhood." In other words, the artists and minstrels were all drawn from the staff and inmates of the Asylum, and it is not too much to say that the entertainment was successful beyond expectation, and proved a source of much enjoyment to the rest of the patients.

As was only to be expected, the changes among the servants and attendants have been numerous; and only quite recently it has been learned that, in consequence of his appointment to a similar situation in England, the Asylum is to lose the services of Dr. BENHAM, our Medical Assistant, who for the past two years has so zealously discharged the duties of his office, and by his ready participation in all the schemes for the amusement and recreation of the patients has contributed much to their comfort and welfare.

JAMES RORIE, M.D., L.R.C.S.E.,

*Resident Physician.*

of March, the New-Year's festivities being greatly enhanced by a private theatrical entertainment, somewhat similar, but of a more ambitious character, to that which during the previous winter gave so much satisfaction. The piece chosen on this occasion was "the well-known romance of real life by John Maddison Morton, entitled BOB AND COX, followed, after an interval, by a Musical Entertainment by a world-renowned troupe of Christy Minstrels, nine in number, and dressed in the usual characteristic and orthodox costume, and who, as the playbill circulated among the audience informed them, "never had performed and never would perform out of Dunbar and its neighbourhood." In other words, the artists and minstrels were all drawn from the staff and inmates of the Asylum, and it is not too much to say that the entertainment was successful beyond expectation, and proved a source of much enjoyment to the rest of the patients.

As was only to be expected, the changes among the servants and attendants have been numerous; and only quite recently it has been learned that in consequence of his appointment to a similar situation in England, the Asylum is to lose the services of Dr. BRHAM, our Medical Assistant, who for the past two years has so zealously discharged the duties of his office, and by his ready participation in all the schemes for the amusement and recreation of the patients has contributed much to their comfort and welfare.

JAMES RORIE, M.D., F.R.C.S.E.

London Physician

# STATISTICAL TABLES

FOR THE YEAR ENDING 18TH JUNE 1883.

(The Year ending on the Third Monday in June, agreeably to Charter.)

TABLE I.

## YEARLY STATEMENT.

From 19th June 1882 to 18th June 1883.

|                                                | Males. | Females. | TOTAL. |
|------------------------------------------------|--------|----------|--------|
| Remained 19th June 1882, ... ..                | 127    | 199      | 326    |
| Admissions during the year, ... ..             | 43     | 66       | 109    |
| Re-admitted, ... ..                            | 10     | 20       | 30     |
|                                                | 180    | 285      | 465    |
| <i>Discharges and Deaths—</i>                  |        |          |        |
| Discharged, recovered, ... ..                  | 19     | 42       | 61     |
| Do. improved or relieved, ... ..               | 13     | 18       | 31     |
| Died, ... ..                                   | 14     | 19       | 33     |
|                                                | 46     | 79       | 125    |
| Remaining 18th June 1883, ... ..               | 134    | 206      | 340    |
|                                                | 180    | 285      | 465    |
| Daily average number of Patients in the House, | 130.29 | 193.89   | 324.18 |

## II.—TABLE OF ASSIGNED CAUSES OF DISEASE OF PATIENTS ADMITTED DURING THE YEAR.

|                                 | Males. | Females. | TOTAL. |
|---------------------------------|--------|----------|--------|
| Imbecility, ... ..              | 0      | 1        | 1      |
| Anxiety, ... ..                 | 2      | 1        | 3      |
| Religious Excitement, ... ..    | 0      | 2        | 2      |
| Over Study, ... ..              | 1      | 0        | 1      |
| Dread of being poisoned, ... .. | 0      | 1        | 1      |
| Cerebral Exhaustion, ... ..     | 1      | 0        | 1      |
| Child-birth, ... ..             | 0      | 1        | 1      |
| Solitude, ... ..                | 0      | 1        | 1      |
| Family cares, ... ..            | 0      | 2        | 2      |
| Injuries to head, ... ..        | 2      | 0        | 2      |
| Unknown, ... ..                 | 47     | 77       | 124    |
|                                 | 53     | 86       | 139    |



## III.—ADMISSIONS RELATIVE TO AGES.

|                                    | Males. | Females. | TOTAL. |
|------------------------------------|--------|----------|--------|
| From 15 to 20 years of age, ... .. | 4      | 1        | 5      |
| 20 to 25     "     ... ..          | 8      | 10       | 18     |
| 25 to 30     "     ... ..          | 7      | 4        | 11     |
| 30 to 35     "     ... ..          | 8      | 6        | 14     |
| 35 to 40     "     ... ..          | 8      | 15       | 23     |
| 40 to 45     "     ... ..          | 3      | 13       | 16     |
| 45 to 50     "     ... ..          | 3      | 9        | 12     |
| 50 to 55     "     ... ..          | 3      | 7        | 10     |
| 55 to 60     "     ... ..          | 0      | 7        | 7      |
| 60 to 65     "     ... ..          | 5      | 4        | 9      |
| 65 to 70     "     ... ..          | 1      | 4        | 5      |
| 70 to 75     "     ... ..          | 2      | 4        | 6      |
| 75 to 80     "     ... ..          | 0      | 1        | 1      |
| Unknown, ... ..                    | 1      | 1        | 2      |
|                                    | 53     | 86       | 139    |

## IV.—FORMS OF DISEASE OF PATIENTS ADMITTED DURING THE YEAR.

|                           | Males. | Females. | TOTAL. |
|---------------------------|--------|----------|--------|
| Dementia, ... ..          | 14     | 13       | 27     |
| General Paralysis, ... .. | 3      | 0        | 3      |
| Mania, Acute, ... ..      | 12     | 15       | 27     |
| Mania, Puerperal, ... ..  | 0      | 3        | 3      |
| Mania, Epileptic, ... ..  | 2      | 3        | 5      |
| Mania, Chronic, ... ..    | 0      | 2        | 2      |
| Melancholia, ... ..       | 4      | 17       | 21     |
| Monomania, ... ..         | 15     | 31       | 46     |
| Idiocy, ... ..            | 2      | 2        | 4      |
| Mania, Recurrent, ... ..  | 1      | 0        | 1      |
|                           | 53     | 86       | 139    |

## V.—ADMISSIONS RELATIVE TO THE SOCIAL CONDITION.

|                   | Males. | Females. | TOTAL. |
|-------------------|--------|----------|--------|
| Married, ... ..   | 20     | 33       | 53     |
| Unmarried, ... .. | 27     | 39       | 66     |
| Widowers, ... ..  | 4      | 0        | 4      |
| Widows, ... ..    | 0      | 14       | 14     |
| Unknown, ... ..   | 2      | 0        | 2      |
|                   | 53     | 86       | 139    |

## VI.—DURATION OF DISEASE PREVIOUSLY TO ADMISSION.

|                               | Males. | Females. | TOTAL. |
|-------------------------------|--------|----------|--------|
| Not exceeding 1 month, ... .. | 42     | 75       | 117    |
| „ 3 months, ... ..            | 1      | 1        | 2      |
| „ 6 „ ... ..                  | 0      | 2        | 2      |
| „ 9 „ ... ..                  | 1      | 0        | 1      |
| „ 1 year, ... ..              | 1      | 1        | 2      |
| „ 2 years, ... ..             | 2      | 0        | 2      |
| „ 3 „ ... ..                  | 0      | 0        | 0      |
| „ 4 „ ... ..                  | 0      | 1        | 1      |
| „ 5 „ ... ..                  | 1      | 1        | 2      |
| „ 16 „ ... ..                 | 0      | 1        | 1      |
| „ 17 „ ... ..                 | 1      | 0        | 1      |
| „ 20 „ ... ..                 | 0      | 1        | 1      |
| „ 30 „ ... ..                 | 0      | 1        | 1      |
| Not known, ... ..             | 4      | 2        | 6      |
|                               | 53     | 86       | 139    |

## VII.—ADMISSIONS FROM 19TH JUNE 1882 TO 18TH JUNE 1883.

|                      | Males. | Females. | TOTAL. |
|----------------------|--------|----------|--------|
| 1882—June, ... ..    | 1      | 2        | 3      |
| July, ... ..         | 2      | 9        | 11     |
| August, ... ..       | 6      | 5        | 11     |
| September, ... ..    | 4      | 6        | 10     |
| October, .. ... ..   | 5      | 2        | 7      |
| November, ... ..     | 5      | 4        | 9      |
| December, ... ..     | 5      | 9        | 14     |
| 1883—January, ... .. | 5      | 7        | 12     |
| February, ... ..     | 7      | 5        | 12     |
| March, ... ..        | 6      | 6        | 12     |
| April, ... ..        | 1      | 10       | 11     |
| May, ... ..          | 5      | 11       | 16     |
| June, ... ..         | 1      | 10       | 11     |
|                      | 53     | 86       | 139    |

## VIII.—TIME OF TREATMENT OF THE 61 PATIENTS DISCHARGED CURED.

|                                | Males. | Females. | TOTAL. |
|--------------------------------|--------|----------|--------|
| Not exceeding 3 months, ... .. | 3      | 1        | 4      |
| „ 6 „ ... ..                   | 4      | 10       | 14     |
| „ 9 „ ... ..                   | 5      | 9        | 14     |
| „ 1 year, ... ..               | 2      | 3        | 5      |
| „ 2 years, ... ..              | 5      | 14       | 19     |
| „ 3 „ ... ..                   | 0      | 2        | 2      |
| „ 4 „ ... ..                   | 0      | 1        | 1      |
| „ 5 „ ... ..                   | 0      | 1        | 1      |
| „ 8 „ ... ..                   | 0      | 1        | 1      |
|                                | 19     | 42       | 61     |

## IX.—CAUSES OF DEATH, &amp;c.

|                                      | Average Age<br>at Death. | Males. | Females. | TOTAL. |
|--------------------------------------|--------------------------|--------|----------|--------|
| Apoplexy, ...                        | 54 years.                | 0      | 1        | 1      |
| Phthisis, ...                        | 43 $\frac{1}{2}$ "       | 1      | 4        | 5      |
| Marasmus, ...                        | 19 "                     | 0      | 1        | 1      |
| Disease of Heart, ...                | 44 $\frac{1}{3}$ "       | 0      | 3        | 3      |
| Exhaustion, ...                      | 60 "                     | 0      | 2        | 2      |
| Erysipelas, ...                      | 75 "                     | 0      | 1        | 1      |
| General Paralysis,<br>Paralysis, ... | 47 $\frac{1}{5}$ "       | 5      | 0        | 5      |
| Chronic Cerebral Meningitis, ...     | 59 $\frac{3}{7}$ "       | 4      | 3        | 7      |
| Drowning, ...                        | 21 "                     | 1      | 0        | 1      |
| Bronchitis, ...                      | 24 "                     | 0      | 1        | 1      |
| Senile Decay, ...                    | 76 "                     | 0      | 1        | 1      |
| Pulmonary Congestion, ...            | 75 "                     | 2      | 2        | 4      |
|                                      | 42 "                     | 1      | 0        | 1      |
|                                      | 521 $\frac{2}{3}$ years  | 14     | 19       | 33     |

## X.—MORTALITY FROM 19TH JUNE 1882 TO 18TH JUNE 1883.

|                   | Males. | Females. | TOTAL. |
|-------------------|--------|----------|--------|
| 1882—July, ...    | 1      | 1        | 2      |
| August, ...       | 2      | 2        | 4      |
| September, ...    | 1      | 0        | 1      |
| October, ...      | 4      | 0        | 4      |
| November, ...     | 1      | 2        | 3      |
| December, ...     | 1      | 2        | 3      |
| 1883—January, ... | 0      | 2        | 2      |
| February, ...     | 0      | 2        | 2      |
| March, ...        | 0      | 3        | 3      |
| April, ...        | 3      | 1        | 4      |
| May, ...          | 1      | 3        | 4      |
| June, ...         | 0      | 1        | 1      |
|                   | 14     | 19       | 33     |

XI.—TABLE OF CURES AT DUNDEE ASYLUM FROM  
1820 TO 1883.

*Admissions from 1st April 1820 to 18th June 1883.*

|                            | Cured. | Per Cent. |
|----------------------------|--------|-----------|
| Number admitted, 3602, ... | 1523   | 42.28     |

XII.—RETURN OF PATIENTS ADMITTED ANNUALLY INTO THE DUNDEE LUNATIC ASYLUM

*From its Opening on 1st April 1820 to the 18th June 1883, including Re-admissions, together with the Cures, Discharges, and Deaths.*

| No. | Years. | REMAINED. |     |     | ADMITTED. |      |      | TOTAL. |     |     | DISCHARGED. |     |      |           |     |      | DIED. |     |     | REMAINING 18th June 1883. |     |     |
|-----|--------|-----------|-----|-----|-----------|------|------|--------|-----|-----|-------------|-----|------|-----------|-----|------|-------|-----|-----|---------------------------|-----|-----|
|     |        |           |     |     |           |      |      |        |     |     | Recovered.  |     |      | Relieved. |     |      |       |     |     |                           |     |     |
|     |        | M.        | F.  | T.  | M.        | F.   | T.   | M.     | F.  | T.  | M.          | F.  | T.   | M.        | F.  | T.   | M.    | F.  | T.  | M.                        | F.  | T.  |
| 1   | 1820   | ...       | ... | ... | 22        | 28   | 50   | 22     | 28  | 50  | 3           | 5   | 8    | 1         | 1   | 2    | 2     | 1   | 3   | ...                       | ... | ... |
| 2   | 1821   | 17        | 19  | 36  | 12        | 12   | 24   | 28     | 33  | 61  | 5           | 8   | 13   | 4         | 4   | 8    | 1     | ... | 1   | ...                       | ... | ... |
| 3   | 1822   | 19        | 19  | 38  | 19        | 13   | 32   | 38     | 32  | 70  | 4           | 4   | 8    | 2         | 5   | 7    | ...   | 1   | 1   | ...                       | ... | ... |
| 4   | 1823   | 32        | 22  | 54  | 17        | 20   | 37   | 49     | 42  | 91  | 8           | 5   | 13   | 1         | 2   | 3    | ...   | 1   | 1   | ...                       | ... | ... |
| 5   | 1824   | 40        | 34  | 74  | 28        | 24   | 52   | 68     | 58  | 126 | 14          | 15  | 29   | 8         | 2   | 10   | 4     | 2   | 6   | ...                       | ... | ... |
| 6   | 1825   | 43        | 38  | 81  | 28        | 29   | 57   | 71     | 67  | 138 | 15          | 13  | 28   | 3         | 7   | 10   | 1     | 2   | 3   | ...                       | ... | ... |
| 7   | 1826   | 51        | 47  | 98  | 24        | 10   | 34   | 75     | 57  | 132 | 10          | 11  | 21   | 4         | 6   | 10   | 3     | 2   | 5   | ...                       | ... | ... |
| 8   | 1827   | 59        | 37  | 96  | 20        | 15   | 35   | 79     | 52  | 131 | 8           | 3   | 11   | 9         | 6   | 15   | 2     | ... | 2   | ...                       | ... | ... |
| 9   | 1828   | 60        | 43  | 103 | 17        | 14   | 31   | 77     | 57  | 134 | 10          | 9   | 19   | 5         | 3   | 8    | 6     | 4   | 10  | ...                       | ... | ... |
| 10  | 1829   | 56        | 41  | 97  | 15        | 18   | 33   | 71     | 59  | 130 | 8           | 7   | 15   | 6         | 4   | 10   | 2     | 2   | 4   | ...                       | ... | ... |
| 11  | 1830   | 55        | 46  | 101 | 15        | 18   | 33   | 70     | 64  | 134 | 8           | 8   | 16   | 5         | 3   | 8    | 2     | 1   | 3   | ...                       | ... | ... |
| 12  | 1831   | 55        | 52  | 107 | 21        | 16   | 37   | 76     | 68  | 144 | 2           | 4   | 6    | 5         | 5   | 10   | 2     | 5   | 7   | 1                         | ... | 1   |
| 13  | 1832   | 67        | 54  | 121 | 23        | 24   | 47   | 90     | 78  | 168 | 11          | 13  | 24   | 7         | 4   | 11   | 7     | 3   | 10  | ...                       | ... | ... |
| 14  | 1833   | 65        | 58  | 123 | 22        | 18   | 40   | 87     | 76  | 163 | 9           | 8   | 17   | 2         | 6   | 8    | 6     | 4   | 10  | ...                       | ... | ... |
| 15  | 1834   | 70        | 58  | 128 | 19        | 21   | 40   | 89     | 79  | 168 | 9           | 13  | 22   | 6         | 3   | 9    | 4     | 4   | 8   | ...                       | 1   | 1   |
| 16  | 1835   | 70        | 59  | 129 | 20        | 18   | 38   | 90     | 77  | 167 | 7           | 4   | 11   | 7         | 7   | 14   | 6     | 2   | 8   | ...                       | ... | ... |
| 17  | 1836   | 70        | 64  | 134 | 24        | 16   | 40   | 94     | 80  | 174 | 8           | 8   | 16   | 9         | 8   | 17   | 5     | 5   | 10  | ...                       | ... | ... |
| 18  | 1837   | 72        | 59  | 131 | 30        | 12   | 42   | 102    | 71  | 173 | 13          | 3   | 16   | 2         | 3   | 5    | 7     | 1   | 8   | ...                       | ... | ... |
| 19  | 1838   | 80        | 64  | 144 | 26        | 27   | 53   | 106    | 91  | 197 | 14          | 9   | 23   | 4         | 7   | 11   | 6     | 5   | 11  | 1                         | 1   | 2   |
| 20  | 1839   | 82        | 70  | 152 | 29        | 28   | 57   | 111    | 98  | 209 | 23          | 20  | 43   | 3         | 5   | 8    | 5     | 2   | 7   | ...                       | ... | ... |
| 21  | 1840   | 80        | 71  | 151 | 33        | 25   | 58   | 113    | 96  | 209 | 6           | 16  | 22   | 4         | 3   | 7    | 5     | 3   | 8   | ...                       | ... | ... |
| 22  | 1841   | 98        | 74  | 172 | 34        | 19   | 53   | 132    | 93  | 225 | 16          | 11  | 27   | 8         | 2   | 10   | 8     | 2   | 10  | ...                       | ... | ... |
| 23  | 1842   | 100       | 78  | 178 | 29        | 32   | 61   | 129    | 110 | 239 | 21          | 10  | 31   | 9         | 7   | 16   | 5     | 4   | 9   | ...                       | ... | ... |
| 24  | 1843   | 94        | 89  | 183 | 25        | 22   | 47   | 119    | 111 | 230 | 6           | 14  | 20   | 8         | 7   | 15   | 10    | 2   | 12  | ...                       | ... | ... |
| 25  | 1844   | 95        | 88  | 183 | 34        | 26   | 60   | 129    | 114 | 243 | 9           | 9   | 18   | 7         | 8   | 15   | 8     | 6   | 14  | 1                         | ... | 1   |
| 26  | 1845   | 105       | 91  | 196 | 24        | 26   | 50   | 129    | 117 | 246 | 15          | 15  | 30   | 8         | 7   | 15   | 6     | 2   | 8   | ...                       | ... | ... |
| 27  | 1846   | 100       | 93  | 193 | 28        | 29   | 57   | 128    | 122 | 250 | 7           | 19  | 26   | 10        | 11  | 21   | 5     | 2   | 7   | ...                       | ... | ... |
| 28  | 1847   | 106       | 90  | 196 | 23        | 29   | 52   | 129    | 119 | 248 | 13          | 13  | 26   | 1         | 6   | 7    | 14    | 5   | 19  | 1                         | ... | 1   |
| 29  | 1848   | 101       | 95  | 196 | 22        | 24   | 46   | 123    | 119 | 242 | 11          | 14  | 25   | 3         | 7   | 10   | 7     | 5   | 12  | 1                         | 2   | 3   |
| 30  | 1849   | 102       | 93  | 195 | 30        | 32   | 62   | 132    | 125 | 257 | 13          | 15  | 28   | 4         | 10  | 14   | 8     | 3   | 11  | 1                         | 1   | 2   |
| 31  | 1850   | 107       | 97  | 204 | 32        | 25   | 57   | 139    | 122 | 261 | 11          | 13  | 24   | 10        | 11  | 21   | 12    | 2   | 14  | 1                         | ... | 1   |
| 32  | 1851   | 106       | 96  | 202 | 19        | 21   | 40   | 125    | 117 | 242 | 16          | 8   | 24   | 3         | 6   | 9    | 5     | 5   | 10  | ...                       | ... | ... |
| 33  | 1852   | 101       | 98  | 199 | 23        | 20   | 43   | 124    | 118 | 242 | 10          | 13  | 23   | 4         | 5   | 9    | 4     | 5   | 9   | ...                       | 1   | 1   |
| 34  | 1853   | 106       | 95  | 201 | 26        | 15   | 41   | 132    | 110 | 242 | 7           | 12  | 19   | 4         | 2   | 6    | 7     | 5   | 12  | 1                         | ... | 1   |
| 35  | 1854   | 114       | 91  | 205 | 26        | 25   | 51   | 140    | 116 | 256 | 12          | 9   | 21   | 7         | 7   | 14   | 6     | 5   | 11  | 1                         | 1   | 2   |
| 36  | 1855   | 115       | 95  | 210 | 22        | 13   | 35   | 137    | 108 | 245 | 9           | 10  | 19   | 2         | 3   | 5    | 9     | 2   | 11  | ...                       | 1   | 1   |
| 37  | 1856   | 117       | 93  | 210 | 28        | 21   | 49   | 145    | 114 | 259 | 11          | 10  | 21   | 1         | 5   | 6    | 11    | 3   | 14  | 2                         | ... | 2   |
| 38  | 1857   | 122       | 96  | 218 | 20        | 15   | 35   | 142    | 111 | 253 | 8           | 9   | 17   | 3         | 5   | 8    | 7     | 4   | 11  | 1                         | 1   | 2   |
| 39  | 1858   | 124       | 93  | 217 | 20        | 28   | 48   | 144    | 121 | 265 | 13          | 11  | 24   | 15        | 7   | 22   | 7     | 7   | 14  | 2                         | ... | 2   |
| 40  | 1859   | 109       | 96  | 205 | 29        | 18   | 47   | 138    | 114 | 252 | 14          | 13  | 27   | 3         | 1   | 4    | 8     | 1   | 9   | 1                         | ... | 1   |
| 41  | 1860   | 113       | 99  | 212 | 20        | 6    | 26   | 133    | 105 | 238 | 9           | 6   | 15   | 3         | 3   | 6    | 12    | 1   | 13  | ...                       | 1   | 1   |
| 42  | 1861   | 109       | 95  | 204 | 15        | 8    | 23   | 124    | 103 | 227 | 6           | 4   | 10   | 2         | 1   | 3    | 10    | 1   | 11  | 1                         | ... | 2   |
| 43  | 1862   | 106       | 97  | 203 | 11        | 11   | 22   | 117    | 108 | 225 | 5           | 7   | 12   | 2         | 3   | 5    | 6     | 3   | 9   | 1                         | ... | 1   |
| 44  | 1863   | 104       | 95  | 199 | 17        | 16   | 33   | 121    | 111 | 232 | 8           | 11  | 19   | 1         | 1   | 2    | 4     | 2   | 6   | ...                       | 1   | 1   |
| 45  | 1864   | 108       | 97  | 205 | 14        | 22   | 36   | 122    | 119 | 241 | 6           | 5   | 11   | 37        | 24  | 61   | 8     | 8   | 16  | ...                       | 2   | 2   |
| 46  | 1865   | 71        | 82  | 153 | 38        | 63   | 101  | 109    | 145 | 254 | 9           | 21  | 30   | 18        | 28  | 46   | 3     | 3   | 6   | 2                         | 2   | 4   |
| 47  | 1866   | 79        | 93  | 172 | 35        | 39   | 74   | 114    | 132 | 246 | 20          | 18  | 38   | 6         | 8   | 14   | 5     | 7   | 12  | 8                         | 2   | 10  |
| 48  | 1867   | 83        | 99  | 182 | 26        | 35   | 61   | 109    | 134 | 243 | 4           | 20  | 24   | 4         | 9   | 13   | 6     | 8   | 14  | 3                         | 3   | 6   |
| 49  | 1868   | 95        | 97  | 192 | 37        | 20   | 57   | 131    | 117 | 248 | 8           | 10  | 18   | 6         | 6   | 12   | 12    | 6   | 18  | 2                         | 1   | 3   |
| 50  | 1869   | 103       | 95  | 198 | 22        | 13   | 35   | 125    | 108 | 233 | 3           | 6   | 9    | 14        | 9   | 23   | 7     | 4   | 11  | 1                         | ... | 1   |
| 51  | 1870   | 101       | 89  | 190 | 24        | 35   | 59   | 125    | 124 | 249 | 10          | 15  | 25   | 11        | 19  | 30   | 10    | 3   | 13  | 2                         | 1   | 3   |
| 52  | 1871   | 94        | 87  | 181 | 31        | 45   | 76   | 125    | 132 | 257 | 12          | 25  | 37   | 8         | 8   | 16   | 8     | 8   | 16  | 2                         | 1   | 3   |
| 53  | 1872   | 97        | 91  | 188 | 31        | 47   | 78   | 128    | 138 | 266 | 11          | 23  | 34   | 6         | 9   | 15   | 10    | 10  | 20  | 3                         | 3   | 6   |
| 54  | 1873   | 101       | 96  | 197 | 29        | 36   | 65   | 130    | 132 | 262 | 12          | 18  | 30   | 18        | 20  | 38   | 7     | 3   | 10  | 1                         | 3   | 4   |
| 55  | 1874   | 93        | 91  | 184 | 38        | 50   | 88   | 131    | 141 | 272 | 15          | 21  | 36   | 3         | 11  | 14   | 9     | 6   | 15  | 4                         | 4   | 8   |
| 56  | 1875   | 104       | 103 | 207 | 45        | 54   | 99   | 149    | 157 | 306 | 10          | 29  | 39   | 12        | 18  | 30   | 7     | 7   | 16  | 6                         | 4   | 10  |
| 57  | 1876   | 113       | 103 | 221 | 35        | 68   | 103  | 153    | 171 | 324 | 16          | 19  | 35   | 13        | 32  | 45   | 12    | 6   | 18  | 3                         | 6   | 9   |
| 58  | 1877   | 112       | 114 | 226 | 53        | 79   | 132  | 165    | 193 | 358 | 12          | 27  | 39   | 19        | 21  | 40   | 12    | 13  | 25  | 3                         | 7   | 10  |
| 59  | 1878   | 122       | 132 | 254 | 36        | 78   | 114  | 158    | 210 | 368 | 14          | 24  | 38   | 23        | 20  | 43   | 14    | 14  | 28  | 8                         | 12  | 20  |
| 60  | 1879   | 107       | 152 | 259 | 41        | 74   | 115  | 148    | 226 | 374 | 16          | 27  | 43   | 10        | 36  | 46   | 11    | 15  | 26  | 5                         | 18  | 23  |
| 61  | 1880   | 111       | 148 | 259 | 43        | 83   | 126  | 154    | 231 | 385 | 18          | 34  | 52   | 10        | 11  | 21   | 12    | 10  | 22  | 9                         | 22  | 31  |
| 62  | 1881   | 114       | 176 | 290 | 50        | 86   | 136  | 164    | 262 | 426 | 13          | 24  | 37   | 10        | 26  | 36   | 14    | 13  | 27  | 18                        | 40  | 58  |
| 63  | 1882   | 127       | 199 | 326 | 53        | 86   | 139  | 180    | 285 | 465 | 19          | 42  | 61   | 13        | 18  | 31   | 14    | 19  | 33  | 37                        | 63  | 100 |
|     |        |           |     |     | 1702      | 1900 | 3602 |        |     |     | 673         | 850 | 1523 | 459       | 552 | 1011 | 438   | 290 | 728 | 134                       | 206 | 340 |

XII - LIST OF PATENTS

for the Year ending in 1910 to 1911

| No. | Date | Inventor |        | No. | Date | Inventor |        | No. | Date |
|-----|------|----------|--------|-----|------|----------|--------|-----|------|
|     |      | First    | Second |     |      | First    | Second |     |      |
| 1   | 1910 | 101      | 101    | 101 | 1910 | 101      | 101    | 101 | 1910 |
| 2   | 1910 | 102      | 102    | 102 | 1910 | 102      | 102    | 102 | 1910 |
| 3   | 1910 | 103      | 103    | 103 | 1910 | 103      | 103    | 103 | 1910 |
| 4   | 1910 | 104      | 104    | 104 | 1910 | 104      | 104    | 104 | 1910 |
| 5   | 1910 | 105      | 105    | 105 | 1910 | 105      | 105    | 105 | 1910 |
| 6   | 1910 | 106      | 106    | 106 | 1910 | 106      | 106    | 106 | 1910 |
| 7   | 1910 | 107      | 107    | 107 | 1910 | 107      | 107    | 107 | 1910 |
| 8   | 1910 | 108      | 108    | 108 | 1910 | 108      | 108    | 108 | 1910 |
| 9   | 1910 | 109      | 109    | 109 | 1910 | 109      | 109    | 109 | 1910 |
| 10  | 1910 | 110      | 110    | 110 | 1910 | 110      | 110    | 110 | 1910 |
| 11  | 1910 | 111      | 111    | 111 | 1910 | 111      | 111    | 111 | 1910 |
| 12  | 1910 | 112      | 112    | 112 | 1910 | 112      | 112    | 112 | 1910 |
| 13  | 1910 | 113      | 113    | 113 | 1910 | 113      | 113    | 113 | 1910 |
| 14  | 1910 | 114      | 114    | 114 | 1910 | 114      | 114    | 114 | 1910 |
| 15  | 1910 | 115      | 115    | 115 | 1910 | 115      | 115    | 115 | 1910 |
| 16  | 1910 | 116      | 116    | 116 | 1910 | 116      | 116    | 116 | 1910 |
| 17  | 1910 | 117      | 117    | 117 | 1910 | 117      | 117    | 117 | 1910 |
| 18  | 1910 | 118      | 118    | 118 | 1910 | 118      | 118    | 118 | 1910 |
| 19  | 1910 | 119      | 119    | 119 | 1910 | 119      | 119    | 119 | 1910 |
| 20  | 1910 | 120      | 120    | 120 | 1910 | 120      | 120    | 120 | 1910 |
| 21  | 1910 | 121      | 121    | 121 | 1910 | 121      | 121    | 121 | 1910 |
| 22  | 1910 | 122      | 122    | 122 | 1910 | 122      | 122    | 122 | 1910 |
| 23  | 1910 | 123      | 123    | 123 | 1910 | 123      | 123    | 123 | 1910 |
| 24  | 1910 | 124      | 124    | 124 | 1910 | 124      | 124    | 124 | 1910 |
| 25  | 1910 | 125      | 125    | 125 | 1910 | 125      | 125    | 125 | 1910 |
| 26  | 1910 | 126      | 126    | 126 | 1910 | 126      | 126    | 126 | 1910 |
| 27  | 1910 | 127      | 127    | 127 | 1910 | 127      | 127    | 127 | 1910 |
| 28  | 1910 | 128      | 128    | 128 | 1910 | 128      | 128    | 128 | 1910 |
| 29  | 1910 | 129      | 129    | 129 | 1910 | 129      | 129    | 129 | 1910 |
| 30  | 1910 | 130      | 130    | 130 | 1910 | 130      | 130    | 130 | 1910 |
| 31  | 1910 | 131      | 131    | 131 | 1910 | 131      | 131    | 131 | 1910 |
| 32  | 1910 | 132      | 132    | 132 | 1910 | 132      | 132    | 132 | 1910 |
| 33  | 1910 | 133      | 133    | 133 | 1910 | 133      | 133    | 133 | 1910 |
| 34  | 1910 | 134      | 134    | 134 | 1910 | 134      | 134    | 134 | 1910 |
| 35  | 1910 | 135      | 135    | 135 | 1910 | 135      | 135    | 135 | 1910 |
| 36  | 1910 | 136      | 136    | 136 | 1910 | 136      | 136    | 136 | 1910 |
| 37  | 1910 | 137      | 137    | 137 | 1910 | 137      | 137    | 137 | 1910 |
| 38  | 1910 | 138      | 138    | 138 | 1910 | 138      | 138    | 138 | 1910 |
| 39  | 1910 | 139      | 139    | 139 | 1910 | 139      | 139    | 139 | 1910 |
| 40  | 1910 | 140      | 140    | 140 | 1910 | 140      | 140    | 140 | 1910 |
| 41  | 1910 | 141      | 141    | 141 | 1910 | 141      | 141    | 141 | 1910 |
| 42  | 1910 | 142      | 142    | 142 | 1910 | 142      | 142    | 142 | 1910 |
| 43  | 1910 | 143      | 143    | 143 | 1910 | 143      | 143    | 143 | 1910 |
| 44  | 1910 | 144      | 144    | 144 | 1910 | 144      | 144    | 144 | 1910 |
| 45  | 1910 | 145      | 145    | 145 | 1910 | 145      | 145    | 145 | 1910 |
| 46  | 1910 | 146      | 146    | 146 | 1910 | 146      | 146    | 146 | 1910 |
| 47  | 1910 | 147      | 147    | 147 | 1910 | 147      | 147    | 147 | 1910 |
| 48  | 1910 | 148      | 148    | 148 | 1910 | 148      | 148    | 148 | 1910 |
| 49  | 1910 | 149      | 149    | 149 | 1910 | 149      | 149    | 149 | 1910 |
| 50  | 1910 | 150      | 150    | 150 | 1910 | 150      | 150    | 150 | 1910 |

XIII.—ANNUAL PERCENTAGE OF DEATHS  
From June 16, 1830, to June 18, 1883.

| YEARS.    | AVERAGE NUMBER OF PATIENTS. |      |       | NUMBER OF DEATHS. |     |     | PERCENTAGE OF DEATHS. |       |       |
|-----------|-----------------------------|------|-------|-------------------|-----|-----|-----------------------|-------|-------|
|           | M.                          | F.   | T.    | M.                | F.  | T.  | M.                    | F.    | T.    |
| 1830, ... | 57                          | 44   | 101   | 2                 | 2   | 4   | 3·51                  | 4·52  | 3·95  |
| 1831, ... | 55                          | 48   | 103   | 2                 | 1   | 3   | 3·63                  | 2·08  | 2·91  |
| 1832, ... | 61                          | 52   | 113   | 2                 | 5   | 7   | 3·27                  | 9·61  | 6·19  |
| 1833, ... | 65                          | 59   | 124   | 7                 | 3   | 10  | 10·76                 | 5·08  | 8·06  |
| 1834, ... | 70                          | 58   | 128   | 6                 | 4   | 10  | 8·57                  | 6·89  | 7·81  |
| 1835, ... | 68                          | 58   | 126   | 4                 | 4   | 8   | 5·88                  | 6·89  | 6·34  |
| 1836, ... | 70                          | 59   | 129   | 6                 | 2   | 8   | 8·57                  | 3·39  | 6·20  |
| 1837, ... | 74                          | 61   | 135   | 5                 | 5   | 10  | 6·75                  | 8·19  | 7·48  |
| 1838, ... | 77                          | 60   | 137   | 7                 | 1   | 8   | 9·09                  | 1·66  | 5·53  |
| 1839, ... | 84                          | 66   | 150   | 6                 | 5   | 11  | 7·19                  | 7·57  | 7·83  |
| 1840, ... | 87                          | 70   | 157   | 5                 | 2   | 7   | 5·74                  | 2·85  | 4·45  |
| 1841, ... | 89                          | 75   | 164   | 5                 | 3   | 8   | 5·61                  | 3·99  | 4·87  |
| 1842, ... | 102                         | 77   | 179   | 8                 | 2   | 10  | 7·84                  | 2·59  | 5·58  |
| 1843, ... | 96                          | 84   | 180   | 5                 | 4   | 9   | 5·20                  | 4·80  | 5·00  |
| 1844, ... | 97                          | 90   | 187   | 10                | 2   | 12  | 10·31                 | 2·22  | 6·41  |
| 1845, ... | 100                         | 90   | 190   | 8                 | 6   | 14  | 8·00                  | 6·66  | 7·37  |
| 1846, ... | 105                         | 96   | 201   | 6                 | 2   | 8   | 5·70                  | 2·08  | 3·90  |
| 1847, ... | 105                         | 95   | 200   | 5                 | 2   | 7   | 4·70                  | 2·01  | 3·05  |
| 1848, ... | 103                         | 94   | 197   | 14                | 5   | 19  | 13·61                 | 5·30  | 9·60  |
| 1849, ... | 104                         | 94   | 198   | 7                 | 5   | 12  | 6·70                  | 5·30  | 6·00  |
| 1850, ... | 107                         | 93   | 200   | 8                 | 3   | 11  | 7·47                  | 3·02  | 5·05  |
| 1851, ... | 108                         | 96   | 204   | 12                | 2   | 14  | 11·00                 | 2·00  | 6·85  |
| 1852, ... | 107                         | 99   | 206   | 5                 | 5   | 10  | 4·67                  | 5·00  | 4·85  |
| 1853, ... | 107                         | 98   | 205   | 4                 | 5   | 9   | 3·73                  | 5·10  | 4·39  |
| 1854, ... | 109                         | 95   | 204   | 7                 | 5   | 12  | 6·42                  | 5·27  | 5·88  |
| 1855, ... | 117                         | 96   | 213   | 6                 | 5   | 11  | 5·12                  | 5·20  | 5·16  |
| 1856, ... | 120                         | 96   | 216   | 9                 | 2   | 11  | 7·50                  | 2·00  | 5·00  |
| 1857, ... | 122                         | 96   | 218   | 11                | 3   | 14  | 9·02                  | 3·12  | 6·42  |
| 1858, ... | 121                         | 95   | 216   | 7                 | 4   | 11  | 5·70                  | 4·20  | 5·09  |
| 1859, ... | 118                         | 96   | 214   | 7                 | 7   | 14  | 5·93                  | 7·29  | 6·54  |
| 1860, ... | 115                         | 101  | 216   | 8                 | 1   | 9   | 6·95                  | 0·99  | 4·15  |
| 1861, ... | 111                         | 99   | 209   | 12                | 1   | 13  | 10·91                 | 1·02  | 6·22  |
| 1862, ... | 110                         | 95   | 205   | 10                | 1   | 11  | 9·09                  | 1·05  | 5·36  |
| 1863, ... | 105                         | 95   | 200   | 6                 | 3   | 9   | 5·71                  | 3·15  | 4·50  |
| 1864, ... | 110                         | 98   | 208   | 4                 | 2   | 6   | 3·53                  | 2·04  | 2·88  |
| 1865, ... | 99                          | 95   | 194   | 8                 | 8   | 16  | 8·00                  | 8·42  | 8·25  |
| 1866, ... | 73                          | 80   | 153   | 3                 | 3   | 6   | 4·11                  | 3·75  | 3·92  |
| 1867, ... | 79                          | 92   | 171   | 5                 | 7   | 12  | 6·33                  | 7·60  | 7·01  |
| 1868, ... | 85                          | 95   | 180   | 6                 | 8   | 14  | 7·06                  | 8·42  | 7·77  |
| 1869, ... | 97                          | 97   | 194   | 12                | 6   | 18  | 12·37                 | 6·18  | 9·20  |
| 1870, ... | 108                         | 93   | 201   | 7                 | 4   | 11  | 6·04                  | 4·03  | 5·04  |
| 1871, ... | 95                          | 86   | 181   | 10                | 3   | 13  | 10·52                 | 3·48  | 7·18  |
| 1872, ... | 91                          | 87   | 178   | 8                 | 8   | 16  | 8·79                  | 9·19  | 8·98  |
| 1873, ... | 98                          | 93   | 191   | 10                | 10  | 20  | 10·20                 | 10·75 | 10·47 |
| 1874, ... | 96                          | 94   | 190   | 7                 | 3   | 10  | 7·29                  | 3·19  | 5·26  |
| 1875, ... | 99                          | 97   | 196   | 9                 | 6   | 15  | 9·09                  | 6·18  | 7·65  |
| 1876, ... | 111                         | 104  | 215   | 9                 | 7   | 16  | 8·11                  | 6·73  | 7·47  |
| 1877, ... | 113                         | 110  | 223   | 12                | 6   | 18  | 10·62                 | 5·45  | 8·07  |
| 1878, ... | 117                         | 123  | 240   | 12                | 13  | 25  | 10·25                 | 10·56 | 10·41 |
| 1879, ... | 110                         | 139  | 249   | 14                | 14  | 28  | 12·72                 | 10·07 | 11·24 |
| 1880, ... | 112                         | 143  | 255   | 11                | 15  | 26  | 9·82                  | 10·49 | 10·19 |
| 1881, ... | 115                         | 158  | 273   | 12                | 10  | 22  | 10·43                 | 6·33  | 8·06  |
| 1882, ... | 120                         | 187  | 307   | 14                | 13  | 27  | 11·66                 | 6·94  | 8·79  |
| 1883, ... | 130                         | 194  | 324   | 14                | 19  | 33  | 10·77                 | 9·79  | 10·18 |
|           | 5304                        | 5044 | 10348 | 419               | 277 | 696 |                       |       |       |

XIV.—AVERAGE ANNUAL MORTALITY  
From 1830 to 1883 inclusive.

| Males. | Females. | TOTAL. |
|--------|----------|--------|
| 7·89   | 5·49     | 6·72   |

XV.—THE TIMES OF THE PATIENTS' DEATH AFTER THEIR  
ADMISSION INTO THE ASYLUM

*From the Opening of the Institution to June 18, 1883.*

| TIMES OF DEATH. |              |     |     |     | Males. | Females. | TOTAL. |
|-----------------|--------------|-----|-----|-----|--------|----------|--------|
| Within          | 1 fortnight, | ... | ... | ... | 26     | 27       | 53     |
| "               | 1 month,     | ... | ... | ... | 16     | 7        | 23     |
| "               | 3 months,    | ... | ... | ... | 40     | 25       | 65     |
| "               | 6 "          | ... | ... | ... | 41     | 27       | 68     |
| "               | 9 "          | ... | ... | ... | 28     | 15       | 43     |
| "               | 1 year,      | ... | ... | ... | 20     | 16       | 36     |
| "               | 2 years,     | ... | ... | ... | 68     | 34       | 102    |
| "               | 3 "          | ... | ... | ... | 36     | 21       | 57     |
| "               | 4 "          | ... | ... | ... | 26     | 13       | 39     |
| "               | 5 "          | ... | ... | ... | 17     | 10       | 27     |
| "               | 6 "          | ... | ... | ... | 16     | 6        | 22     |
| "               | 7 "          | ... | ... | ... | 11     | 9        | 20     |
| "               | 8 "          | ... | ... | ... | 9      | 11       | 20     |
| "               | 9 "          | ... | ... | ... | 7      | 7        | 14     |
| "               | 10 "         | ... | ... | ... | 5      | 3        | 8      |
| "               | 11 "         | ... | ... | ... | 5      | 3        | 8      |
| "               | 12 "         | ... | ... | ... | 5      | 4        | 9      |
| "               | 13 "         | ... | ... | ... | 2      | 6        | 8      |
| "               | 14 "         | ... | ... | ... | 7      | 5        | 12     |
| "               | 15 "         | ... | ... | ... | 5      | 3        | 8      |
| "               | 16 "         | ... | ... | ... | 7      | 1        | 8      |
| "               | 17 "         | ... | ... | ... | 2      | 4        | 6      |
| "               | 18 "         | ... | ... | ... | 5      | 2        | 7      |
| "               | 19 "         | ... | ... | ... | 6      | 2        | 8      |
| "               | 20 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 21 "         | ... | ... | ... | 1      | 3        | 4      |
| "               | 22 "         | ... | ... | ... | 2      | 3        | 5      |
| "               | 23 "         | ... | ... | ... | 2      | 3        | 5      |
| "               | 24 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 25 "         | ... | ... | ... | 0      | 1        | 1      |
| "               | 26 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 27 "         | ... | ... | ... | 1      | 2        | 3      |
| "               | 28 "         | ... | ... | ... | 1      | 2        | 3      |
| "               | 29 "         | ... | ... | ... | 3      | 1        | 4      |
| "               | 30 "         | ... | ... | ... | 3      | 3        | 6      |
| "               | 31 "         | ... | ... | ... | 0      | 1        | 1      |
| "               | 32 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 33 "         | ... | ... | ... | 1      | 2        | 3      |
| "               | 34 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 35 "         | ... | ... | ... | 1      | 1        | 2      |
| "               | 36 "         | ... | ... | ... | 1      | 1        | 2      |
| "               | 37 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 38 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 39 "         | ... | ... | ... | 1      | 1        | 2      |
| "               | 40 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 41 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 42 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 43 "         | ... | ... | ... | 1      | 0        | 1      |
| "               | 44 "         | ... | ... | ... | 0      | 1        | 1      |
| "               | 45 "         | ... | ... | ... | 1      | 0        | 1      |
| TOTAL,          |              |     |     |     | 438    | 290      | 728    |

## RATES OF BOARD.

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THE following is the present Rate of Board, subject, however, to such alterations as the Directors shall judge proper, and which must necessarily vary according to the state of the funds and the expenses of the establishment. The Board in all cases must be paid quarterly and in advance. Before the entry of a Patient, the Board is to be paid up for one quarter.

|                                                 |    |    |   |           |
|-------------------------------------------------|----|----|---|-----------|
| First Class, including Clothes, &c., . . . . .  | £0 | 10 | 0 | per Week. |
| Second Class, including Clothes, &c., . . . . . | 0  | 11 | 0 | „         |
| Third Class, . . . . .                          | 0  | 15 | 0 | „         |
| Fourth Class, . . . . .                         | 1  | 1  | 0 | „         |
| Fifth Class, . . . . .                          | 1  | 11 | 6 | „         |
| Sixth Class, . . . . .                          | 2  | 2  | 0 | „         |
| Seventh Class, . . . . .                        | 3  | 3  | 0 | „         |

The First Class: paupers belonging to the parishes that have contributed to the erection of the Asylum.\* The Second Class: all other paupers.

A Physician's Fee on admission is payable by the several Classes of Patients as under:

|                          |    |    |   |
|--------------------------|----|----|---|
| Third Class, . . . . .   | £1 | 1  | 0 |
| Fourth Class, . . . . .  | 1  | 11 | 6 |
| Fifth Class, . . . . .   | 2  | 2  | 0 |
| Sixth Class, . . . . .   | 3  | 3  | 0 |
| Seventh Class, . . . . . | 4  | 4  | 0 |

When a patient is admitted, one Quarter's Board and the Physician's Fee, as fixed by the Directors, shall be paid in advance to the Resident Physician, and afterwards in advance quarterly to the Treasurer, on the 1st day of January, the 1st of April, the 1st of July, and the 1st of October. No part of any payment in advance, except in the cases of paupers, shall be returned, except in special cases to be judged of by the Weekly Committee; and if any patients who have been removed shall return to the Asylum, they shall be admitted in the same manner as if they had never been in the Asylum, and pay accordingly. If not removed within a year, the above fees to be repeated annually at the date of admission, as long as the patient remains in the House.

*No Fees are paid for Paupers.*

The Patient shall have no claim to remuneration for work done in the House.

\* See List at page 19.



## RATES OF BOARD

## QUANTITIES OF THE

## PRINCIPAL PROVISIONS, &amp;c.

*Purchased for the Asylum in the Years 1881-82 and 1882-83.*

|                         |     | 1881-82.             |              | 1882-83.             |         |
|-------------------------|-----|----------------------|--------------|----------------------|---------|
| Coals and Firewood, ... | ... | 405 $\frac{3}{8}$    | tons. ....   | 517 $\frac{7}{8}$    | tons.   |
| Butcher Meat, ...       | ... | 33,822 $\frac{1}{4}$ | lbs. ....    | 34,463 $\frac{1}{8}$ | lbs.    |
| Bread, ...              | ... | 29,141 $\frac{1}{2}$ | loaves. .... | 35,033 $\frac{1}{4}$ | loaves. |
| Sugar, ...              | ... | 10,099               | lbs. ....    | 10,782               | lbs.    |
| Tea, ...                | ... | 1,161 $\frac{1}{4}$  | lbs. ....    | 1,405                | lbs.    |
| Butter, ...             | ... | 4,087 $\frac{3}{4}$  | lbs. ....    | 6,270                | lbs.    |
| Cheese, ...             | ... | 952 $\frac{3}{8}$    | lbs. ....    | 2,635 $\frac{1}{8}$  | lbs.    |
| Meal, ...               | ... | 218                  | bolts. ....  | 171                  | bolts.  |
| Barley and Pease, ...   | ... | 80                   | cwts. ....   | 123 $\frac{3}{4}$    | cwts.   |
| Potatoes, ...           | ... | 142 $\frac{1}{4}$    | cwts. ....   | 8 $\frac{9}{16}$     | cwts.   |
| Beer, ...               | ... | 2,403                | doz. ....    | 581 $\frac{1}{2}$    | doz.    |
| Milk, ...               | ... | 11,349               | galls. ....  | 10,318 $\frac{1}{8}$ | galls.  |