

Fifty-ninth 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, 16th June, 1879 with the reports of the resident physician and treasurer of the institution.

Contributors

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FIFTY-NINTH
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, 16TH JUNE 1879:

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

DUNDEE:
PRINTED BY WINTER, DUNCAN & Co. CASTLE STREET.
1879.

FIFTY-NINTH
ANNUAL REPORT

DIRECTORS
OF THE
QUEEN'S ROYAL ASYLUM

MANICULE
REPORT OF THE RESIDENT PHYSICIAN
OF THE INSTITUTION

PRINTED BY HENRY BARNES & CO. CASTLE STREET
GLoucester

THE FOLLOWING ARE THE
DIRECTORS AND OFFICE-BEARERS

FOR THE CURRENT YEAR
FROM JUNE 1879 TO JUNE 1880.

Chairman of the Directors.

SIR JOHN OGILVY of Inverquhar, 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. F. L. MAITLAND HERIOT, Esq. of Ramornie, Advocate, Sheriff of the
County.
4. JAMES YEAMAN, Esq., Merchant, Dundee,
5. EDWARD JENKINS, Esq., Barrister-at-Law, London, } M.P. for the Burgh.
6. The Moderator of the Synod of Angus and Mearns.

Directors for Life.

7. Sir JOHN OGILVY, Bart. of Inverquhar, Baldovan House.
8. WILLIAM THOMS, Esq., Magdalen Yard Road, Dundee.
9. The Right Honourable the Earl of STRATHMORE and KINGHORNE,
Glamis Castle.
10. WILLIAM ROBERTSON, Esq., Balmore, Newport.
11. The Right Honourable the Earl of CAMPERDOWN, Camperdown House.

ORDINARY DIRECTORS.

Ex Officiis.

12. Provost BROWNLEE, Dundee.
13. Bailie THOMSON, Dundee.
14. Dean of Guild EDWARD.

1. *Elected by Nine Incorporated Trades.*

15. JAMES SHAW, Esq., Merchant, Dundee.
16. WILLIAM NICOLL, Esq., Shipowner.
17. JAMES MITCHELL, Esq., Corn Merchant.

2. *By the Three Trades.*

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

3. *By the Guildry.*

19. A. W. FAIRWEATHER, Esq., Burnside Cottage, Carnoustie.
20. PETER KERR, Esq., Bonnybank House.
21. JOSEPH LINDSAY, Esq., Engineer.
22. HUGH BALLINGALL, Esq., 16 Gardner's Lane, for the Maltmen Fraternity.

4. *By the Seamen Fraternity.*

23. W. O. TAYLOR, Esq., Shipowner.

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

24. THOMAS BUIK, Esq., 77 Seagate.

6. *By the Kirk Session.*

25. The Rev. P. GRANT, D.D., of St. John's, Perth Road.
26. The Rev. JAMES E. HILL, of St. Paul's.

7. *By the Presbytery.*

27. The Rev. D. B. CAMERON, of Rosebank.
28. The Rev. C. R. WHYTE, of St. Clement's.

8. *By the County.*

29. Colonel R. H. A. OGILVY, Yr. of Baldovan.
30. JAMES NEISH of Laws, Esq.
31. G. D. CLAYHILLS HENDERSON of Invergowrie, Esq.
32. J. E. ERSKINE of Linlathen, Esq.

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

33. JAMES CHRISTIE, Esq., M.D., Tay Square.
34. The Very Rev. Dean NICOLSON, No. 9 William Street, Forebank.
35. GEORGE ROUGH, Esq., Osborne Place.
36. W. W. RENNY, Esq., Meadowside.
37. J. W. MILLER, Esq., M.D., Tay Street.
38. DAVID ROBERTSON, Esq., Union Grove.
39. WALTER SHEPHERD, Esq., Union Mount.
40. The Rev. JAMES COOPER, of St. Stephen's, Broughty Ferry.

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Office-Bearers.

## COMMITTEE OF MANAGEMENT.

1. Sir JOHN OGILVY, Bart., *Chairman*.
2. WILLIAM THOMS, Esq.
3. JAMES SHAW, Esq.
4. WILLIAM ROBERTSON, Esq.
5. PETER KERR, Esq.
6. JOHN ROBERTSON, Esq.

## HOUSE VISITORS.

1. JAMES CHRISTIE, Esq., M.D., to visit during July and October 1879 and January and April 1880.
2. The Very Rev. Dean NICOLSON to visit during August and November 1879 and February and May 1880.
3. JAMES MITCHELL, Esq., to visit during September and December 1879 and March and June 1880.

# OFFICERS OF THE ASYLUM.

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## RESIDENT.

### RESIDENT PHYSICIAN.

JAMES RORIE, M.D.

### MATRON.

MISS BAYNE.

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## NON-RESIDENT.

### CONSULTING PHYSICIAN.

MATTHEW NIMMO, SURGEON, AIRLIE PLACE.

### TREASURER.

THOMAS NICHOLSON, 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 BORN, M.D.

MISS BAYNE.

## NON-RESIDENT.

MATTHEW NINHO, Secretary, Austin Place.

THOMAS SUTHERLAND, Treasurer, 10 Green Street.

ROBERT G. WALKER, Secretary, 10 Green Street.

CHAPLAIN.

The Rev. ALICE E. BIRD, 10 Green Street.

REPORT BY THE DIRECTORS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM  
TO THE  
ANNUAL GENERAL COURT,  
JUNE, 1879.

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The Directors have for many years had the pleasure of reporting the favourable condition of the Institution under their charge, and the past year, they are glad to say, forms no exception to that rule.

The number of Patients in the house has during the past year been large, so much so that it has been found necessary to bring every available space into requisition for their accommodation. That this has not interfered with the comfort and health of the Patients is seen by the following Extracts from reports by Dr. TRAILL, Inspector of the District Board of Lunacy for Forfarshire, and by Dr. ARTHUR MITCHELL, one of Her Majesty's Commissioners in Lunacy. Dr. TRAILL, who visited the Asylum on 2nd November 1878, reports that—  
“Everything seemed in a most satisfactory state as regards  
“ventilation, thorough cleanliness, and substantial comforts of  
“the Patients;” and Dr. MITCHELL refers to the condition of the Institution on 22nd and 23rd April 1879 in the following terms:—“The changes in the Chapel and in the separate  
“buildings, which in previous reports were referred to as being

“in contemplation, are now completed, and the accommodation  
 “thus added to the Asylum is already occupied by Patients.  
 “The changes in question have been made in a very judicious  
 “and satisfactory manner and at a small cost; and it is  
 “expected that the Asylum will be able for a considerable time  
 “to receive all pauper Patients for whose admission application  
 “is made. All parts of the Asylum were found in good order  
 “and very clean, and the inmates were free from excitement  
 “and complaint. Keeping in view the structural defects of  
 “this Asylum and the active movement in its population, a  
 “great deal was seen which reflects most creditably on the  
 “management. The quality and the cooking of the food again  
 “attracted favourable notice.”

The Medical Report and the Tables annexed to it will  
 afford full information as to the Patients who have been under  
 treatment in the Asylum during the past year.

The Buildings for the new Asylum at West Green are  
 progressing rapidly and satisfactorily, and it is expected that  
 they will be completed within the time specified in the  
 Contracts. The Architects have furnished the following  
 reports as to the present condition of the work :—

“The Main Building is in an advanced state. Judging from  
 “the progress already made, it is thought that the works will  
 “be easily completed within the specified time.

“The whole of the East division, containing all the day  
 “rooms and dormitories for Females, is plastered and glazed,  
 “and the floors and other finishings in it are in course of being  
 “put in.

“Of the West division, containing the accommodation for  
 “Males, the whole of the Mason work, excepting the tower, is  
 “erected, one-half of it is roofed in, and the other half is in  
 “course of being roofed. The Mason is now engaged in bring-  
 “ing up the Cellar walls and the Main part of the Central  
 “division. The character of the works as far as gone is satis-

“factory. The Plaster work in particular is a first-class job. “The Directors, who visited the Buildings last week, arranged “that the foundation stone, which is to be laid with Masonic “honours about the end of August, should be placed in the “centre of the South front, in the foundation of the bay “window of the Dining-room, and for this purpose the building of that part is being delayed for the time. Very good “stones are still being produced from the quarry on the site.”

The Directors have satisfaction in stating that the Income for the past year has exceeded the Expenditure by the sum of £370 8s. 7d.; the Income being £7507 14s. 5d. and the Expenditure £7137 5s. 10d.

It will be observed from the Medical Report, that on 17th June last there were 254 patients in the Asylum, 122 males and 132 females, while at present there are 259 patients, 114 having been admitted during the year, 38 having recovered, 28 having died, 21 having been removed to the Lunatic Wards of Poor Houses, and 14 to other Asylums.

The Directors regret to have to record the death of ALEXANDER DAVIDSON, Gate-keeper, who was for the long period of 35 years employed at the Asylum. As another proof of the length of time the servants remain in the Institution, it may be mentioned that his successor as Gate-keeper has been for 25 years an attendant in the Asylum.

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# ABSTRACT

OF THE

## INCOME AND EXPENDITURE

OF THE

## DUNDEE ROYAL LUNATIC ASYLUM

*For the Year ending 31st March 1879.*

### INCOME.

|                              |             |
|------------------------------|-------------|
| Board of Patients, . . . . . | £7,507 14 5 |
|------------------------------|-------------|

### EXPENDITURE.

#### SALARIES—

|                                 |      |   |   |  |
|---------------------------------|------|---|---|--|
| Resident Physician, . . . . .   | £500 | 0 | 0 |  |
| Matron, . . . . .               | 100  | 0 | 0 |  |
| Consulting Physician, . . . . . | 26   | 5 | 0 |  |
| Chaplain, . . . . .             | 50   | 0 | 0 |  |
| Secretary, . . . . .            | 50   | 0 | 0 |  |
| Treasurer, . . . . .            | 60   | 0 | 0 |  |
|                                 | £786 | 5 | 0 |  |

#### Less—Fees from

|                       |     |    |   |  |
|-----------------------|-----|----|---|--|
| Patients, . . . . .   | £67 | 14 | 6 |  |
| Attendance, . . . . . | 54  | 6  | 0 |  |
|                       | 122 | 0  | 6 |  |

£664 4 6

|                               |        |    |    |  |
|-------------------------------|--------|----|----|--|
| Interest, . . . . .           | £38    | 16 | 2  |  |
| Servants' Wages, . . . . .    | 1,018  | 1  | 6  |  |
| Soap, &c., . . . . .          | 71     | 7  | 6  |  |
| Taxes, . . . . .              | 188    | 6  | 6  |  |
| Advertising, &c., . . . . .   | 49     | 0  | 10 |  |
| Coals and Firewood, . . . . . | 285    | 2  | 5  |  |
| Fire Insurance, . . . . .     | 18     | 7  | 3  |  |
| Feu Duty, . . . . .           | 97     | 0  | 5  |  |
| Gas, . . . . .                | 84     | 0  | 11 |  |
| Incidents, . . . . .          | 92     | 8  | 10 |  |
| Patients' Extras, . . . . .   | 40     | 5  | 4  |  |
|                               | £1,982 | 17 | 8  |  |

£664 4 6

Amounts carried forward, £1,982 17 8

| Amounts brought forward, £1982                               |  |  | 17    | 8  | £664 | 4     | 6           |
|--------------------------------------------------------------|--|--|-------|----|------|-------|-------------|
| Straw, . . . . .                                             |  |  | 57    | 0  | 8    |       |             |
| Butcher Meat, . . . . .                                      |  |  | 1,064 | 13 | 7    |       |             |
| Butter, . . . . .                                            |  |  | 238   | 18 | 8    |       |             |
| Beer and Ale, . . . . .                                      |  |  | 110   | 3  | 10   |       |             |
| Bread, . . . . .                                             |  |  | 722   | 18 | 2    |       |             |
| Barley and Pease, . . . . .                                  |  |  | 51    | 8  | 6    |       |             |
| Cheese, . . . . .                                            |  |  | 24    | 4  | 11   |       |             |
| Eggs, &c., . . . . .                                         |  |  | 14    | 8  | 0    |       |             |
| Fish, . . . . .                                              |  |  | 36    | 3  | 8    |       |             |
| Groceries, . . . . .                                         |  |  | 57    | 4  | 7    |       |             |
| Milk, . . . . .                                              |  |  | 442   | 14 | 5    |       |             |
| Meal, . . . . .                                              |  |  | 217   | 1  | 0    |       |             |
| Medicines, . . . . .                                         |  |  | 71    | 7  | 3    |       |             |
| Potatoes, Vegetables, &c., . . . . .                         |  |  | 36    | 2  | 11   |       |             |
| Sugar, . . . . .                                             |  |  | 117   | 16 | 1    |       |             |
| Tea, . . . . .                                               |  |  | 171   | 17 | 0    |       |             |
| Water, . . . . .                                             |  |  | 71    | 11 | 1    |       |             |
|                                                              |  |  |       |    |      | 5,488 | 12 0        |
| Furniture, . . . . .                                         |  |  | £158  | 7  | 11   |       |             |
| Grounds, . . . . .                                           |  |  | 48    | 5  | 1    |       |             |
| Gas Fitting Work, . . . . .                                  |  |  | 4     | 5  | 6    |       |             |
| Mason Work, . . . . .                                        |  |  | 16    | 1  | 0    |       |             |
| Plumber Work, . . . . .                                      |  |  | 39    | 4  | 0    |       |             |
| Painter Work, . . . . .                                      |  |  | 44    | 9  | 0    |       |             |
| Plaster Work, . . . . .                                      |  |  | 0     | 11 | 6    |       |             |
| Slater Work, . . . . .                                       |  |  | 2     | 15 | 6    |       |             |
| Smith Work, . . . . .                                        |  |  | 24    | 9  | 4    |       |             |
| Wright Work, . . . . .                                       |  |  | 59    | 1  | 0    |       |             |
| Ironmongery, . . . . .                                       |  |  | 85    | 12 | 10   |       |             |
| Store, . . . . .                                             |  |  | 501   | 6  | 8    |       |             |
|                                                              |  |  |       |    |      | 984   | 9 4         |
| Total of Expenditure, . . . . .                              |  |  |       |    |      |       | £7,137 5 10 |
| Add—Excess of Income carried to Credit of Capital, . . . . . |  |  |       |    |      |       | 370 8 7     |
| Equal to Income, . . . . .                                   |  |  |       |    |      |       | £7,507 14 5 |

THOS. NICHOLSON,  
Treasurer.

ABSTRACT VIEW  
OF THE  
AFFAIRS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM  
*From 1820 to 1879.*

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|                                                                                                       |          |     |      |
|-------------------------------------------------------------------------------------------------------|----------|-----|------|
| Amount of Income from 1821 to 1879, . . .                                                             | £248,975 | 2   | 10½  |
| Amount of Expenditure from 1820 to 1879, . . .                                                        | 229,803  | 2   | 4    |
|                                                                                                       | <hr/>    |     |      |
| Excess of Income, . . . . .                                                                           | £19,172  | 0   | 6½   |
| Add—Donations and Legacies from 1820 to 1879, . . .                                                   | 16,596   | 19  | 4½   |
|                                                                                                       | <hr/>    |     |      |
|                                                                                                       | £35,768  | 19  | 11   |
| Add—Debts due by Asylum on 31st                                                                       |          |     |      |
| March, 1879, . . .                                                                                    | £705     | 14  | 5    |
| And proportion of Expen-<br>diture, 1871, 1872, and<br>1873, treated as ame-<br>liorations, . . . . . | 600      | 0   | 0    |
|                                                                                                       | <hr/>    |     |      |
|                                                                                                       | £1,305   | 14  | 5    |
| Deduct—Sum formerly written off for                                                                   |          |     |      |
| Depreciation of Buildings, . . . . .                                                                  | 455      | 18  | 0    |
|                                                                                                       |          | 849 | 16 5 |
|                                                                                                       | <hr/>    |     |      |
| Total, . . . . .                                                                                      | £36,618  | 16  | 4    |
| Equal to Amount appearing at Debit of Property on                                                     |          |     |      |
| General Balance Sheet, . . . . .                                                                      | £36,618  | 16  | 4    |
|                                                                                                       | <hr/>    |     |      |

THOS. NICHOLSON,  
*Treasurer.*

# DUNDEE ROYAL LUNATIC ASYLUM.

BALANCE-SHEET ON 31st MARCH 1879.

| Dr.                                      |              | Cr.                         |              |
|------------------------------------------|--------------|-----------------------------|--------------|
| To PATIENTS :—                           |              |                             |              |
| Balance of Patients' Ledger, . . .       | £363 4 5     | Sum at Credit, . . . . .    | £841 19 3    |
| " FURNISHING :—                          |              | " CAPITAL :—                |              |
| For Private Patients, . . . . .          | 50 1 6       | Value of Property as per    |              |
| " PROPERTY :—                            |              | Ledger, . . . . .           | £36,618 16 4 |
| Standing against in Ledger at 31st       |              | DEDUCT :—                   |              |
| March 1878, . . . . .                    | £36,450 18 4 | Excess of Debts due by      |              |
| Expended this year, . . . . .            | 167 18 0     | Asylum over those due       |              |
|                                          |              | to it, . . . . .            | 705 14 5     |
| " STOCK :—                               | 36,618 16 4  |                             | 35,913 1 11  |
| Of Clothing, Fuel, and Provisions, . . . | 468 9 6      | " UNION BANK OF SCOTLAND :— |              |
| " MATRON :—                              |              | Due to it, . . . . .        | 755 10 2     |
| Due by her, . . . . .                    | 5 17 0       |                             |              |
| " SUPERINTENDENT :—                      |              |                             |              |
| Due by him, . . . . .                    | 4 2 7        |                             |              |
|                                          | £37,510 11 4 |                             | £37,510 11 4 |



Comparative Statement of Income and  
For Years ending 31st March

| INCOME.                                 |                      |           |           |                      |
|-----------------------------------------|----------------------|-----------|-----------|----------------------|
|                                         | 31st March,<br>1878. | Increase. | Decrease. | 31st March,<br>1879. |
| Board of Patients, .                    | £7169 12 10          | £338 1 7  | ...       | £7507 14 5           |
|                                         | £7169 12 10          | £338 1 7  | ...       | £7507 14 5           |
| Increase of Income this year, . . . . . |                      |           |           | £338 1 7             |

# Expenditure of the Dundee Royal Lunatic Asylum

1878 and 31st March 1879.

## EXPENDITURE.

|                                      | 31st March,<br>1878. | Increase. | Decrease. | 31st March,<br>1879. |
|--------------------------------------|----------------------|-----------|-----------|----------------------|
| Provisions, . . .                    | £3100 14 1           | £205 1 3  | ...       | £3305 15 4           |
| Repairs and Im-<br>provements, . . } | 264 17 11            | 11 11 9   | ...       | 276 9 8              |
| Salaries, . . .                      | 659 19 0             | 4 5 6     | ...       | *664 4 6             |
| Less—Fees, . . . £67 14 6            |                      |           |           |                      |
| Attendance, 54 6 0                   |                      |           |           |                      |
| <u>*£122 0 6</u>                     |                      |           |           |                      |
| Servants' Wages, .                   | 936 7 6              | 81 14 0   | ...       | 1018 1 6             |
| Feu-duty, . . .                      | 104 1 2              | ...       | £7 0 9    | 97 0 5               |
| Furniture, . . .                     | 127 7 4              | 31 0 7    | ...       | 158 7 11             |
| Coals, Gas, and }<br>Water, }        | 382 11 2             | 58 3 3    | ...       | 440 14 5             |
| Grounds, . . .                       | 42 10 10             | 5 14 3    | ...       | 48 5 1               |
| Interest, . . .                      | 42 0 1               | ...       | 3 3 11    | 38 16 2              |
| Insurance, . . .                     | 18 7 3               | ...       | ...       | 18 7 3               |
| Medicines, . . .                     | 60 1 0               | 11 6 3    | ...       | 71 7 3               |
| Patients' Extras, .                  | 40 13 0              | ...       | 0 7 8     | 40 5 4               |
| Store, . . .                         | 535 7 10             | ...       | 34 1 2    | 501 6 8              |
| Soap, &c. . . .                      | 70 13 10             | 0 13 8    | ...       | 71 7 6               |
| Straw, . . .                         | 59 16 0              | ...       | 2 15 4    | 57 0 8               |
| Advertising, &c. .                   | 61 11 11             | ...       | 12 11 1   | 49 0 10              |
| Taxes, . . .                         | 176 2 4              | 12 4 2    | ...       | 188 6 6              |
| Incidents, . . .                     | 74 13 0              | 17 15 10  | ...       | 92 8 10              |
| Law Expenses, .                      | 2 1 2                | ...       | 2 1 2     | ...                  |
|                                      | £6759 16 5           | £439 10 6 | £62 1 1   | £7137 5 10           |
| Expenditure this year, . . .         |                      |           |           | £7137 5 10           |
| Expenditure last year, . . .         |                      |           |           | 6759 16 5            |
| Increase, . . .                      |                      |           |           | £377 9 5             |
| Increase this year as above, . . .   |                      |           | £439 10 6 |                      |
| Decrease this year as above, . . .   |                      |           | 62 1 1    |                      |
|                                      |                      |           |           | <u>£377 9 5</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 |                                                   |                |                   |                       |                         |                                  |                                 |                                              |                                              |                              |
| 1866    | £172,382 7 2                                      | £153,331 14 2½ | £19,336 15 0½     | £286 2 1              | £13,589 2 2½            | £35,707 13 8                     | £35,707 13 8                    | £6,107 19 8                                  | .....                                        | £32,183 17 2                 |
| 1867    | 4,474 12 5                                        | 4,785 5 11     | .....             | 310 13 6              | .....                   | .....                            | 35,707 13 8                     | 3,340 18 0                                   | .....                                        | 31,873 3 8                   |
| 1868    | 4,916 2 3                                         | 5,134 19 0     | .....             | 218 16 9              | 2 16 2                  | .....                            | 35,707 13 8                     | 3,527 18 1                                   | .....                                        | 31,657 3 1                   |
| 1869    | 5,507 1 4                                         | 5,502 16 7½    | 4 4 8½            | .....                 | 2,585 0 0               | .....                            | 35,707 13 8                     | 938 13 4½                                    | .....                                        | 32,246 7 9½                  |
| 1870    | 5,828 9 6                                         | 4,962 14 10    | 865 14 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    | 6,762 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                  |
|         | £248,975 2 10½                                    | £229,803 2 4   | £21,569 16 6      | £2,397 15 11½         | £16,596 19 4½           | £37,141 8 10                     |                                 |                                              |                                              |                              |
|         | Deduct for Depreciation of Property, ...          |                |                   |                       | £455 18 0               |                                  |                                 |                                              | Capital as above, ...                        | £35,913 1 11                 |
|         | Do. for Ground and Materials Sold, ...            |                |                   |                       | 66 14 6                 | 522 12 6                         |                                 |                                              | Add Debt due by Asylum, ...                  | 705 14 5                     |
|         | Amount at Debit of Property on Balance Sheet, ... |                |                   |                       | ...                     | £36,61 16 4                      |                                 |                                              | Equal to amount of Property, ...             | £36,618 16 4                 |

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, 16TH JUNE 1879;

PROVOST BROWNLEE 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 Fifty-ninth 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.



## MEDICAL REPORT.

16TH JUNE 1879.

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At the date of last Annual Meeting the number of patients resident in the Asylum was 122 males and 132 females; total, 254. Of these, 53, namely, 25 males and 28 females, were private patients, and 201, namely, 97 males and 104 females, were paupers.

114 have since been admitted, of whom 36 were males and 78 females. 12 of these were private cases; that is, patients the expense of whose maintenance was defrayed by their relatives or friends; and 102 were pauper patients, chargeable to the parishes of Dundee, Liff and Benvie, Dundee Combination, Glenisla, Monikie, Barony, Logierait, Mains and Strathmartine, Montrose, Methven, Kinfauns, Dunfermline, Monifieth, Barry, Glamis, and Ferry-Port-on-Craig.

The total number under treatment has therefore been 368, being 10 in excess of last year.

Of these, 38 have been discharged recovered—namely, 14 males and 24 females; 14, being pauper patients who did not belong to this district, were transferred to other Asylums, and had therefore to be transferred in accordance with the requirements of the Lunacy Acts; 21 were removed to the Lunatic Wards of Poorhouses; 4 were removed by their friends, improved; 2 effected their escape from the Asylum, and 2 were

removed by Minute of the Dundee Parochial Board. 28 patients have died, of whom 14 were males and 14 females.

The percentage of recoveries calculated on the number admitted is, therefore, 33·33, while that of the deaths on the whole number under treatment is 7·6.

27 of the patients admitted were found to be suffering from monomania; 38 from acute mania; 1 from epileptic mania; 1 from puerperal mania; 24 from melancholia; 19 from dementia; 1 from general paralysis; and 3 from idiocy.

The physical condition of the patients at the time of their admission continues to be of a very unsatisfactory and discouraging character. This was especially the case with the poorer class, many of whom were received in a deplorable state of exhaustion and wretchedness and were dirty in the extreme. Only 40 could be registered as in anything like good health; 22 were in a fair state of health; 36 frail; and 15 were in a very broken-down condition, suffering from scrofula, consumption, paralysis, epilepsy, disease of heart, hip-joint disease, and extreme emaciation and exhaustion.

Many of the cases presented symptoms of unusual severity, requiring great care and forbearance in their management during the acute stage of their illness; while the difficulty of doing full justice to others has, this year, been further increased by an addition of congenital imbeciles of more or less degraded habits, paralytics in advanced stages of their illness, and old-standing cases of epilepsy.

The following short histories of a few of the cases admitted during the last twelve months may give a more correct idea of the nature of the patients, now received for treatment, from year to year than can otherwise be described:—

J. B. was admitted 21 June 1878 in an advanced stage of general paralysis. Had been insane for 2 years before admission, and for several months had been confined to bed. Becoming noisy, outrageous, and dirty in his habits, he was brought to the Asylum. On admission, it was found that he had lost the entire use of his lower limbs, and was suffering from two large bedsores. Although now considerably improved

physically, and able to walk a little, he has still in a great measure to be confined to bed, and requires constant attention.

J. M., a female patient, was admitted on 25 June 1878 suffering from acute melancholia. Previous to admission she had attempted to strangle herself, then tried to throw herself over the balcony at the back of the house where she resided, and was only secured after hanging for some time by the railing. After admission she continued to attempt to effect her purpose by persistently refusing to take food. This was gradually overcome, the patient rapidly improved, and after about six months' residence left the Asylum quite recovered.

G. B. admitted 25 July 1878. Previous to admission attempted to strangle one of her neighbours, and, on the day preceding her reception into the Asylum, made four determined attempts to take her own life. For many weeks after admission this patient proved a troublesome and dangerous addition to our population, seizing every opportunity to assault those who might come within her reach, and requiring a constant and unremitting supervision to prevent suicide. She is now quiet and mentally convalescent.

M. P. was brought to the Asylum from the Dundee Poor-house, where she had been a frequent resident for several years as an ordinary pauper. Five weeks before admission into the Asylum she began to exhibit undoubted symptoms of insanity, and finally becoming "violent, outrageous, biting and striking nearly all who went near her," and destructive of her clothing, was accordingly sent over to the Institution. After a few weeks the acute symptoms subsided; but she is now passing into a helpless state of paralysis, with occasional paroxysms of violence similar to what she suffered from at the time of her admission.

C. R., admitted 27 August 1878, was formerly an inmate of the Asylum, from 6 June to 1 December 1877, when she was transferred to the Lunatic Wards of Liff and Benvie Poor-house. She was discharged from that Establishment, and taken home by her friends. When only two days there, symptoms of excitement began to show themselves, and the patient

became so "violent and outrageous as to necessitate her being put under personal restraint." She was replaced in the Asylum.

B. F. or R. admitted 5 September 1878. For seven years this patient had been confined in Perth Penitentiary for theft. On completing her term of imprisonment, and being then insane, she was handed over to the Parochial Authorities, and sent to the Asylum as an ordinary pauper patient. The Medical Officer of the General Prison furnished the following history of this case:—"She was admitted here (General Prison, Perth) from Dundee Prison towards the latter end of 1871 to undergo seven years' penal servitude. She had been but a short time at liberty after a previous sentence. After an extremely troublesome and unmanageable career of a number of years in our convict department, never hardly being out of punishment, her mind, which was always of the lowest order, began to give way, and she became undoubtedly insane and was transferred to our Lunatic Department 1 November 1877. Since her admission to the Lunatic Department we have found her to be always a filthy, troublesome woman, but she never during the whole of her confinement took any epileptic fits." On her admission into the Asylum, however, she was found to be suffering from epileptic mania and moral insanity of a very low type, and for the last nine months she has been a source of constant anxiety, as she continues to be a very degraded and dangerous case.

T. S., admitted 24 September 1878, was stated to have been *one day* insane, but, according to the testimony of his relatives, had been "queer and strange" for six months. He then became restless and unsettled, frequently changing his employers. Three days before admission the attack began to approach its height, the patient becoming more and more excited and endeavouring to get away from the house. Finally in an outburst of violence he seized hold of a knife, which was with difficulty taken from him, and, becoming furious, smashed the windows and furniture, tried to bite those around him, and required several men to control him. In this state he was brought to the Asylum. He soon however settled down,

gradually became quiet, industrious, and rational, and after seven months' residence was discharged recovered.

M. S. admitted 1 October 1878, and stated to have been a few days insane. She had been silly for 18 or 20 years, but able to work a little till a week before her admission, when she began to refuse food, "getting into violent raptures," attempting to throw herself over the window, and trying to bite those who endeavoured to prevent her doing so. When examined by the Medical Officers of the Parish to which she belongs, she was found "in a state of great excitement," "tearing her hair and clothes, imagining her friends wished to poison her, that the house was filled with ghosts who were dragging her to hell," and raving in an incoherent manner "about fighting 19 battles "and about cutting her throat." On admission, she was physically in a very frail and emaciated state, and for a considerable time had to be forcibly fed. She has now very much improved, but still requires careful nursing and attention.

J. N., admitted 10 December 1878, was stated to have been insane for a few days. His illness, however, began two years previous to his admission into the Asylum, when he had a slight paralytic attack, followed by delusions that people wanted to poison him. He ceased from work, became dull, dumpish, and melancholy, was afraid to leave the house, and declared that if made to do so he would never return. Six days before admission, at 1 A.M., he suddenly became violent, and tore the lids off the coal bunkers, declaring that the Devil was in them. This paroxysm of violence increased to such an extent that four men were required to hold and watch him. He then imagined the house to be on fire, began to bark like a dog, and tried to bite every one who approached him. His strength now gave way, and his medical attendant declared him to be sinking fast. In a very weak and emaciated condition he was brought to the Asylum, and, for a week, nourishment had to be administered to him against his will, an operation which, in consequence of difficulty of swallowing, (the result of the paralysis,) had to be performed with the utmost caution and care to prevent suffocation. During the

greater part of the winter he continued in a frail condition, but has now improved very much, although still liable to occasional recurrent attacks of hysterical excitement.

Mrs G. About a month previous to this patient's admission she fell in going to church, and afterwards received a fright in descending the staircase of her dwelling. In consequence she became very nervous, and one night suddenly awoke confused and excited. The excitement rapidly increased, and for four days she kept going about the house on her hands and knees, raving and roaring at the pitch of her voice, recognising no one except her husband, and imagining every body else were animals. To complicate matters farther, she was found on admission to be considerably advanced in pregnancy. For some time no small difficulty was experienced in getting this patient to take sufficient food, but this being overcome, she gradually became more tractable. Two months after admission she was delivered of a healthy female child. The birth of her infant made but little change in her mental condition. She has however since then improved so far as to be able to assist in the laundry.

One more case may be quoted, and it is of interest, for it shows how little reliance can be placed on the so-called harmlessness of those whose mental faculties have been once disturbed, and how unreliable and unscientific such a distinction proves to be.

J. B., a schoolmaster, was formerly an inmate of the Asylum, having been admitted, on 4 June 1869, in a weak-minded and melancholic state, apprehensive of some impending evil, imagining that his soul was lost, and that he was called upon to preach the Gospel. For a few weeks after admission he continued steadily to improve, but, having been injudiciously visited by his friends before he was in a state to bear such an interview, he relapsed into a deeper state of dementia and melancholia, from which he was slowly emerging, when, on the 19 September 1871, he was transferred to the Lunatic Wards of the Dundee Poorhouse. While there, he appears to have remained in a stationary and manageable condition, and seem-

ingly harmless and inoffensive, till about the beginning of April 1879, when he had two attacks of an epileptiform character, followed by determined attempts at suicide by strangulation, by striking his head on the walls of the room, by pushing his head through the window panes, by stuffing clay in his mouth, and by refusing food. He was then replaced in the Asylum. On re-admission he was in a frail and emaciated state, his breath extremely offensive, his tongue coated, and his digestive system generally much deranged. On this function being restored to its normal state, the suicidal symptoms rapidly disappeared, and in about ten days the patient had returned to his previous condition. He is still improving, and spends most of his time in reading and studying books of history and general literature.

The difficulty often experienced in getting the patients to take sufficient nourishment, and which has characterised a large number of the cases admitted during the last 12 months, is by no means confined to those recently attacked; even in chronic cases fits of abstinence of longer or shorter duration frequently occur, and in one instance this happened so persistently, that, during the last 18 months, it was found necessary to administer the nourishment on 68 occasions by the stomach-pump, a means to which we have rarely had to resort in this Asylum.

From what has been said, it will be observed that the extraordinary preponderance of the number of female admissions over that of the opposite sex, and referred to in a former Report, still continues, and for this no adequate cause appears to be assignable. In the previous years it was not, however, so marked as in the one just completed; thus, while in the year ending 19 June 1876 the patients admitted were 45 males and 54 females, in the corresponding period for 1877 there were 35 males to 68 females admitted, and in that for 1878 53 males to 79 females, while during the year now ended the corresponding numbers are 35 males to 78 females. It would farther appear that the excess of female admissions has been chiefly confined to the pauper class of patients; for, of the total number of patients admitted during the above four years 27

were male private patients, 29 female private patients, 142 pauper males, and 250 female pauper patients.

Of the patients admitted during the past year, 27 had on some previous occasion been under treatment in the Asylum, —in some instances more than once. On the other hand, the intervals between the attacks were of long duration, in one case extending to 12, in another to 25 years. Several were well advanced in years when brought to the Institution, the respective ages of 12 being 60, 60, 61, 61, 63, 64, 66, 66, 73, 74, 77, and 79 years.

Of the patients discharged recovered, 6 had been under treatment for periods not exceeding three months; 11 under six months; 13 under nine months; 2 under one year; 5 under two years; and 1 for fully two years.

Of those removed not recovered, 21 were transferred to the Lunatic Wards of Poorhouses, making a total of 291 who have thus left the Asylum since the opening of these Wards in December 1864.

The obituary register contains 28 entries, referring to 14 male and 14 female patients. In 6 cases death resulted from paralysis; in 3 from general paralysis; in 3 from phthisis; in 3 from epilepsy; in 3 from senile decay; in 3 from heart disease; in two from exhaustion; and in one case each from phthisis and paralysis, purpura, chronic enteritis, cardiac dropsy, and bronchitis. The average age at death was 54.64 years. In three cases the ages at death were 66 years; and in five, 70, 72, 78, 81, and 89 respectively. In 13 instances the patients had been resident for various periods not exceeding 12 months duration, being either affected with advanced paralysis, or otherwise in a more or less moribund state on admission. One patient, however, had been an inmate of the Institution for the period of 45 years, having been received on 8 May 1834.

A male patient who had long suffered from confirmed epilepsy was found dead in bed. A Report of all the circumstances connected with the case was duly sent to the Procurator-Fiscal, but, as no reasonable doubt existed as to the cause of

death, any further proceedings were considered by him to be unnecessary. Previous to this event arrangements had already been made to meet such results as far as possible on "the male side" by collecting into two of the newly-opened dormitories as many of the epileptic, paralytic, and frail cases as could be prudently associated together, and placing them under the care of a special night attendant, as recommended by the English Commissioners in Lunacy. This system has now been for about seven months in operation, and has been found to afford very satisfactory results. The doors of the dormitories communicating with the day-room, where the night attendants sit, are kept always open. The patients are thus under constant supervision both by day and night; their wants can be and are at once attended to, as the slightest movements or noise in either of the bedrooms at once attract attention. The additions to the accommodation referred to in last Report have been completed, and the rooms for a considerable time occupied by patients. They have been found in every respect convenient, comfortable, and satisfactory.

The system of treatment pursued has been so often and fully referred to in former Reports that on the present occasion it is unnecessary to enter into details on the subject. As regards what may be considered the moral part of it, it may be mentioned that the balls, picnics, magic lantern exhibitions, visits to public entertainments, excursions into the country, walking parties, &c., have been fully as numerous and varied as on former occasions, and have been the source of much benefit to all who were able to join in them. A series of exhibitions with the lantern, which has for some years now been fitted up with the oxy-hydrogen lime-light apparatus, was given in each ward during the winter; so that, with very few exceptions, all the patients in the house had an opportunity of witnessing them, and many of the most demented class appreciated these views more than might have been anticipated. The entertainments were also varied by a rather unusual, although not unprecedented event in the history of the Asylum,

namely, the marriage ceremony of one of the female attendants, which, in consideration of her length of service and general satisfactory behaviour, was allowed to be performed in the Institution. This, as might be expected, created no small stir, and was the means of much gratification to a large number of the inmates who witnessed the ceremony and also joined in the subsequent rejoicings. In connection with the satisfactory manner in which the attendants and servants as a rule have discharged their responsible and often trying duties, we have again to put on record that DAVID GAULD this year received the £5 usually granted by the Directors as a mark of their appreciation of the conduct of those who complete their 20th year of service in a faithful and satisfactory manner, this being the thirteenth person who has been thus rewarded during the last 18 years.

On the other hand, we have had to regret the loss which the Asylum has sustained by the death of ALEXANDER DAVIDSON, who, for the long period of 35 years, officiated as gate-keeper of the Institution, besides discharging many other duties requiring in an eminent degree the qualities of trustworthiness and fidelity. These he possessed; and, by his death, the Asylum has lost the services of an officer singularly devoted to his duty, and who to the last not only made the interests and welfare of the Institution his constant study and care, but maintained the esteem of all of its visitors.

The experiment, alluded to in the Medical Report for the year 1877, of allowing one or more of the experienced attendants to leave the Asylum for a limited time to wait on patients at their own homes, has been found to answer well. The charge made for their services, which has hitherto been £2 2/- per week, has not been regarded as in any way exorbitant by those requiring such assistance, and much satisfaction has been expressed by the friends of those who have been thus attended to at this arrangement.

In conclusion, I would beg to suggest that the addition to the staff of a Medical Assistant should be taken into consideration. In many Asylums with a much smaller resident

population and far fewer changes than have now for several years occurred in this Institution, the services of such an official is regarded as indispensable ; and it has to be borne in mind that as the new Asylum approaches completion, an addition of this kind will become absolutely necessary, while, in the meantime, it would add materially to the efficiency of the present administration.

JAMES RORIE, M.D.

*Resident Physician.*



# STATISTICAL TABLES

FOR THE YEAR ENDING 16TH JUNE 1879.

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

TABLE I.

## YEARLY STATEMENT.

From 17th June 1878 to 16th June 1879.

|                                                | Males. | Females. | TOTAL. |
|------------------------------------------------|--------|----------|--------|
| Remained 17th June 1878, ... ..                | 122    | 132      | 254    |
| Admissions during the year, ... ..             | 24     | 63       | 87     |
| Re-admitted, ... ..                            | 12     | 15       | 27     |
|                                                | 158    | 210      | 368    |
| <i>Discharges and Deaths—</i>                  |        |          |        |
| Discharged, recovered, ... ..                  | 14     | 24       | 38     |
| Do. improved or relieved, ... ..               | 23     | 20       | 43     |
| Died, ... ..                                   | 14     | 14       | 28     |
|                                                | 51     | 58       | 109    |
| Remaining 16th June 1879, .. ..                | 107    | 152      | 259    |
|                                                | 158    | 210      | 368    |
| Daily average number of Patients in the House, | 109·84 | 139·39   | 249·23 |

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

|                                | Males. | Females. | TOTAL. |
|--------------------------------|--------|----------|--------|
| Love disappointment, ... ..    | 0      | 1        | 1      |
| Anxiety about business, ... .. | 1      | 0        | 1      |
| Supposed gastric fever, ... .. | 0      | 1        | 1      |
| Religious excitement, ... ..   | 0      | 1        | 1      |
| Over excitement, ... ..        | 0      | 1        | 1      |
| Puerperal state, ... ..        | 0      | 1        | 1      |
| Climacteric state, ... ..      | 0      | 1        | 1      |
| Epilepsy, ... ..               | 0      | 1        | 1      |
| Unknown, ... ..                | 33     | 70       | 103    |
| Not stated, ... ..             | 2      | 1        | 3      |
|                                | 36     | 78       | 114    |

## III.—ADMISSIONS RELATIVE TO AGES.

|                                    | Males. | Females. | TOTAL. |
|------------------------------------|--------|----------|--------|
| From 10 to 15 years of age, ... .. | 1      | 0        | 1      |
| 15 to 20       "       ... ..      | 1      | 5        | 6      |
| 20 to 25       "       ... ..      | 2      | 5        | 7      |
| 25 to 30       "       ... ..      | 8      | 13       | 21     |
| 30 to 35       "       ... ..      | 2      | 9        | 11     |
| 35 to 40       "       ... ..      | 2      | 12       | 14     |
| 40 to 45       "       ... ..      | 5      | 12       | 17     |
| 45 to 50       "       ... ..      | 5      | 5        | 10     |
| 50 to 55       "       ... ..      | 3      | 9        | 12     |
| 55 to 60       "       ... ..      | 2      | 2        | 4      |
| 60 to 65       "       ... ..      | 4      | 1        | 5      |
| 65 to 70       "       ... ..      | 1      | 1        | 2      |
| 70 to 75       "       ... ..      | 0      | 2        | 2      |
| 75 to 80       "       ... ..      | 0      | 2        | 2      |
|                                    | 36     | 78       | 114    |

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

|                           | Males. | Females. | TOTAL. |
|---------------------------|--------|----------|--------|
| Dementia, ... ..          | 4      | 15       | 19     |
| General Paralysis, ... .. | 1      | 0        | 1      |
| Mania, Acute, ... ..      | 14     | 24       | 38     |
| Mania, Puerperal, ... ..  | 0      | 1        | 1      |
| Mania, Epileptic, ... ..  | 0      | 1        | 1      |
| Melancholia, ... ..       | 6      | 18       | 24     |
| Monomania, ... ..         | 9      | 18       | 27     |
| Idiocy, ... ..            | 2      | 1        | 3      |
|                           | 36     | 78       | 114    |

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

|                   | Males. | Females. | TOTAL. |
|-------------------|--------|----------|--------|
| Married, ... ..   | 14     | 26       | 40     |
| Unmarried, ... .. | 18     | 45       | 63     |
| Widowers, ... ..  | 4      | 0        | 4      |
| Widows, ... ..    | 0      | 7        | 7      |
|                   | 36     | 78       | 114    |

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

|               |           |     |     |     |     | Males. | Females. | TOTAL. |
|---------------|-----------|-----|-----|-----|-----|--------|----------|--------|
| Not exceeding | 1 month,  | ... | ... | ... | ... | 29     | 60       | 89     |
| "             | 3 months, | ... | ... | ... | ... | 2      | 4        | 6      |
| "             | 6 "       | ... | ... | ... | ... | 1      | 1        | 2      |
| "             | 9 "       | ... | ... | ... | ... | 0      | 2        | 2      |
| "             | 1 year,   | ... | ... | ... | ... | 1      | 0        | 1      |
| "             | 2 years,  | ... | ... | ... | ... | 0      | 2        | 2      |
| "             | 5 "       | ... | ... | ... | ... | 1      | 0        | 1      |
| "             | 6 "       | ... | ... | ... | ... | 0      | 1        | 1      |
| "             | 11 "      | ... | ... | ... | ... | 1      | 0        | 1      |
| "             | 12 "      | ... | ... | ... | ... | 0      | 1        | 1      |
| "             | 14 "      | ... | ... | ... | ... | 0      | 1        | 1      |
| "             | 33 "      | ... | ... | ... | ... | 0      | 1        | 1      |
| "             | 44 "      | ... | ... | ... | ... | 0      | 1        | 1      |
| Unknown,      | ...       | ... | ... | ... | ... | 1      | 4        | 5      |
|               |           |     |     |     |     | 36     | 78       | 114    |

## VII.—ADMISSIONS FROM 17TH JUNE 1878 TO 16TH JUNE 1879.

|               |     |     |     |     |     | Males. | Females. | TOTAL. |
|---------------|-----|-----|-----|-----|-----|--------|----------|--------|
| 1878—June,    | ... | ... | ... | ... | ... | 1      | 3        | 4      |
| July,         | ... | ... | ... | ... | ... | 4      | 8        | 12     |
| August,       | ... | ... | ... | ... | ... | 1      | 7        | 8      |
| September,    | ... | ... | ... | ... | ... | 3      | 4        | 7      |
| October,      | ... | ... | ... | ... | ... | 3      | 2        | 5      |
| November,     | ... | ... | ... | ... | ... | 2      | 8        | 10     |
| December,     | ... | ... | ... | ... | ... | 2      | 6        | 8      |
| 1879—January, | ... | ... | ... | ... | ... | 3      | 6        | 9      |
| February,     | ... | ... | ... | ... | ... | 2      | 7        | 9      |
| March,        | ... | ... | ... | ... | ... | 2      | 8        | 10     |
| April,        | ... | ... | ... | ... | ... | 7      | 10       | 17     |
| May,          | ... | ... | ... | ... | ... | 3      | 5        | 8      |
| June,         | ... | ... | ... | ... | ... | 3      | 4        | 7      |
|               |     |     |     |     |     | 36     | 78       | 114    |

## VIII.—TIME OF TREATMENT OF THE 38 PATIENTS DISCHARGED CURED.

|               |           |     |     |     |     | Males. | Females. | TOTAL. |
|---------------|-----------|-----|-----|-----|-----|--------|----------|--------|
| Not exceeding | 3 months, | ... | ... | ... | ... | 3      | 3        | 6      |
| "             | 6 "       | ... | ... | ... | ... | 1      | 10       | 11     |
| "             | 9 "       | ... | ... | ... | ... | 4      | 9        | 13     |
| "             | 1 year,   | ... | ... | ... | ... | 1      | 1        | 2      |
| "             | 2 years,  | ... | ... | ... | ... | 4      | 1        | 5      |
| "             | 3 "       | ... | ... | ... | ... | 1      | 0        | 1      |
|               |           |     |     |     |     | 14     | 24       | 38     |

## IX.—CAUSES OF DEATH, &amp;c.

|                                | Average Age<br>at Death. | Males. | Females. | TOTAL. |
|--------------------------------|--------------------------|--------|----------|--------|
| Purpura, ... ..                | 54 years.                | 1      | 0        | 1      |
| Phthisis, ... ..               | 45 $\frac{1}{4}$ „       | 1      | 2        | 3      |
| Senile Decay, ... ..           | 77 $\frac{2}{3}$ „       | 1      | 2        | 3      |
| Heart Disease, ... ..          | 67 $\frac{1}{3}$ „       | 2      | 1        | 3      |
| Exhaustion, ... ..             | 63 „                     | 0      | 2        | 2      |
| Epilepsy, ... ..               | 48 $\frac{2}{3}$ „       | 2      | 1        | 3      |
| Phthisis and Paralysis, ... .. | 23 „                     | 0      | 1        | 1      |
| General Paralysis, ... ..      | 46 $\frac{1}{3}$ „       | 2      | 1        | 3      |
| Paralysis, ... ..              | 54 $\frac{1}{6}$ „       | 2      | 4        | 6      |
| Chronic Enteritis, ... ..      | 43 „                     | 1      | 0        | 1      |
| Cardiac Dropsy, ... ..         | 37 „                     | 1      | 0        | 1      |
| Bronchitis, ... ..             | 66 „                     | 1      | 0        | 1      |
|                                | 54 $\frac{9}{14}$ years  | 14     | 14       | 28     |

## X.—MORTALITY FROM 17TH JUNE 1878 TO 16TH JUNE 1879.

|                      | Males. | Females. | TOTAL. |
|----------------------|--------|----------|--------|
| 1878—June, ... ..    | 1      | 0        | 1      |
| July, ... ..         | 0      | 2        | 2      |
| August, ... ..       | 1      | 2        | 3      |
| September, ... ..    | 1      | 0        | 1      |
| October, ... ..      | 1      | 0        | 1      |
| November, ... ..     | 0      | 1        | 1      |
| December, ... ..     | 2      | 2        | 4      |
| 1879—January, ... .. | 3      | 0        | 3      |
| February, ... ..     | 1      | 2        | 3      |
| March, ... ..        | 2      | 1        | 3      |
| May, ... ..          | 1      | 3        | 4      |
| June, ... ..         | 1      | 1        | 2      |
|                      | 14     | 14       | 28     |

XI.—TABLE OF CURES AT DUNDEE ASYLUM FROM  
1820 TO 1879.*Admissions from 1st April 1820 to 16th June 1879.*

|                               | Cured. | Per Cent. |
|-------------------------------|--------|-----------|
| Number admitted, 3086, ... .. | 1330   | 43·09     |

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

*From its Opening on 1st April 1820 to the 16th June 1879, including Re-admissions, together with the Cures, Discharges, and Deaths.*

| No. | Years. | REMAINED. |     |     | ADMITTED. |      |      | TOTAL. |     |     | DISCHARGED. |     |      |           |     |     | DIED. |     |     | REMAINING<br>16th June 1879. |     |     |
|-----|--------|-----------|-----|-----|-----------|------|------|--------|-----|-----|-------------|-----|------|-----------|-----|-----|-------|-----|-----|------------------------------|-----|-----|
|     |        | M.        | F.  | T.  | M.        | F.   | T.   | M.     | F.  | T.  | Recovered.  |     |      | Relieved. |     |     | 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  | 2                            | 2   | 4   |
| 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                            | 2   | 3   |
| 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   | 2   |
| 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   | 2   |
| 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                            | 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  | ...                          | 3   | 3   |
| 46  | 1865   | 71        | 82  | 153 | 38        | 63   | 101  | 109    | 145 | 254 | 9           | 21  | 30   | 18        | 28  | 46  | 3     | 3   | 6   | 2                            | 3   | 5   |
| 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  | 4                            | 4   | 8   |
| 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  | 2                            | ... | 2   |
| 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  | 3                            | 2   | 5   |
| 53  | 1872   | 97        | 91  | 188 | 31        | 47   | 78   | 128    | 138 | 266 | 11          | 23  | 34   | 6         | 9   | 15  | 10    | 10  | 20  | 3                            | 5   | 8   |
| 54  | 1873   | 101       | 96  | 197 | 29        | 36   | 65   | 130    | 132 | 262 | 12          | 18  | 30   | 18        | 20  | 38  | 7     | 3   | 10  | 3                            | 4   | 7   |
| 55  | 1874   | 93        | 91  | 184 | 38        | 50   | 88   | 131    | 141 | 272 | 15          | 21  | 36   | 3         | 11  | 14  | 9     | 6   | 15  | 8                            | 5   | 13  |
| 56  | 1875   | 104       | 103 | 207 | 45        | 54   | 99   | 149    | 157 | 306 | 10          | 29  | 39   | 12        | 18  | 30  | 9     | 7   | 16  | 10                           | 8   | 18  |
| 57  | 1876   | 118       | 103 | 221 | 35        | 68   | 103  | 153    | 171 | 324 | 16          | 19  | 35   | 13        | 32  | 45  | 12    | 6   | 18  | 8                            | 14  | 22  |
| 58  | 1877   | 112       | 114 | 226 | 53        | 79   | 132  | 165    | 193 | 358 | 12          | 27  | 39   | 19        | 21  | 40  | 12    | 13  | 25  | 9                            | 27  | 36  |
| 59  | 1878   | 122       | 132 | 254 | 36        | 78   | 114  | 158    | 210 | 368 | 14          | 24  | 38   | 23        | 20  | 43  | 14    | 14  | 28  | 24                           | 57  | 81  |
|     |        |           |     |     | 1515      | 1571 | 3086 |        |     |     | 607         | 723 | 1330 | 416       | 461 | 877 | 387   | 233 | 620 | 107                          | 152 | 259 |



## XIII.—ANNUAL PERCENTAGE OF DEATHS

*From June 16, 1830, to June 16, 1879.*

| YEARS.    | AVERAGE NUMBER<br>OF PATIENTS. |      |      | NUMBER OF<br>DEATHS. |     |     | PERCENTAGE OF<br>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 |
|           | 4827                           | 4362 | 9189 | 368                  | 220 | 588 |                          |       |       |

## XIV.—AVERAGE ANNUAL MORTALITY

*From 1830 to 1879 inclusive.*

| Males. | Females. | TOTAL. |
|--------|----------|--------|
| 7.62   | 5.04     | 6.39   |

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

*From the Opening of the Institution to June 16, 1879.*

| TIMES OF DEATH. |              |     |     |     | Males. | Females. | TOTAL. |
|-----------------|--------------|-----|-----|-----|--------|----------|--------|
| Within          | 1 fortnight, | ... | ... | ... | 19     | 22       | 41     |
| "               | 1 month,     | ... | ... | ... | 16     | 6        | 22     |
| "               | 3 months,    | ... | ... | ... | 37     | 22       | 59     |
| "               | 6 "          | ... | ... | ... | 38     | 19       | 57     |
| "               | 9 "          | ... | ... | ... | 23     | 13       | 36     |
| "               | 1 year,      | ... | ... | ... | 16     | 12       | 28     |
| "               | 2 years,     | ... | ... | ... | 58     | 25       | 83     |
| "               | 3 "          | ... | ... | ... | 30     | 14       | 44     |
| "               | 4 "          | ... | ... | ... | 25     | 9        | 34     |
| "               | 5 "          | ... | ... | ... | 14     | 9        | 23     |
| "               | 6 "          | ... | ... | ... | 15     | 5        | 20     |
| "               | 7 "          | ... | ... | ... | 11     | 7        | 18     |
| "               | 8 "          | ... | ... | ... | 8      | 7        | 15     |
| "               | 9 "          | ... | ... | ... | 7      | 6        | 13     |
| "               | 10 "         | ... | ... | ... | 4      | 3        | 7      |
| "               | 11 "         | ... | ... | ... | 4      | 3        | 7      |
| "               | 12 "         | ... | ... | ... | 4      | 4        | 8      |
| "               | 13 "         | ... | ... | ... | 2      | 6        | 8      |
| "               | 14 "         | ... | ... | ... | 7      | 5        | 12     |
| "               | 15 "         | ... | ... | ... | 5      | 3        | 8      |
| "               | 16 "         | ... | ... | ... | 6      | 1        | 7      |
| "               | 17 "         | ... | ... | ... | 2      | 4        | 6      |
| "               | 18 "         | ... | ... | ... | 5      | 1        | 6      |
| "               | 19 "         | ... | ... | ... | 6      | 2        | 8      |
| "               | 20 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 21 "         | ... | ... | ... | 1      | 2        | 3      |
| "               | 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 "         | ... | ... | ... | 0      | 2        | 2      |
| "               | 29 "         | ... | ... | ... | 3      | 1        | 4      |
| "               | 30 "         | ... | ... | ... | 3      | 3        | 6      |
| "               | 31 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 32 "         | ... | ... | ... | 2      | 1        | 3      |
| "               | 33 "         | ... | ... | ... | 1      | 2        | 3      |
| "               | 34 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 35 "         | ... | ... | ... | 0      | 0        | 0      |
| "               | 36 "         | ... | ... | ... | 1      | 0        | 1      |
| "               | 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,          |              |     |     |     | 387    | 233      | 620    |

## RATES OF BOARD.

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.

# QUANTITIES OF THE PRINCIPAL PROVISIONS, &c.

*Purchased for the Asylum in the Years 1877-78 and 1878-79.*

|                     |     | 1877-78.                     |       | 1878-79.                     |
|---------------------|-----|------------------------------|-------|------------------------------|
| Coals and Firewood, | ... | 427 $\frac{6}{10}$ tons.     | ..... | 322 $\frac{3}{10}$ tons.     |
| Butcher Meat,       | ... | 26,069 $\frac{1}{4}$ lbs.    | ..... | 30,296 $\frac{1}{4}$ lbs.    |
| Bread,              | ... | 28,657 $\frac{1}{2}$ loaves. | ..... | 29,296 $\frac{1}{2}$ loaves. |
| Sugar,              | ... | 5,278 lbs.                   | ..... | 9,496 lbs.                   |
| Tea,                | ... | 855 $\frac{1}{3}$ lbs.       | ..... | 1,469 lbs.                   |
| Butter,             | ... | 3,260 lbs.                   | ..... | 3,736 lbs.                   |
| Cheese,             | ... | 871 $\frac{1}{2}$ lbs.       | ..... | 1,039 $\frac{7}{8}$ lbs.     |
| Meal,               | ... | 220 bolls.                   | ..... | 222 $\frac{2}{14}$ bolls.    |
| Barley and Pease,   | ... | 66 $\frac{3}{10}$ cwts.      | ..... | 74 $\frac{3}{10}$ cwts.      |
| Potatoes,           | ... | 175 $\frac{1}{4}$ cwts.      | ..... | 158 cwts.                    |
| Beer,               | ... | 2,223 doz.                   | ..... | 2,312 doz.                   |
| Milk,               | ... | 9,297 galls.                 | ..... | 10,116 galls.                |