

Eighty-second 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, 1902 with the reports of the medical superintendent and treasurer of the institution.

Contributors

Dundee Royal Asylum for Lunatics.
Rorie, James.
McIntyre, D.
Fraser, John.
MacPherson, John.
Rait, Arthur.

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EIGHTY-SECOND
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 1902,

WITH THE

REPORTS OF THE MEDICAL SUPERINTENDENT

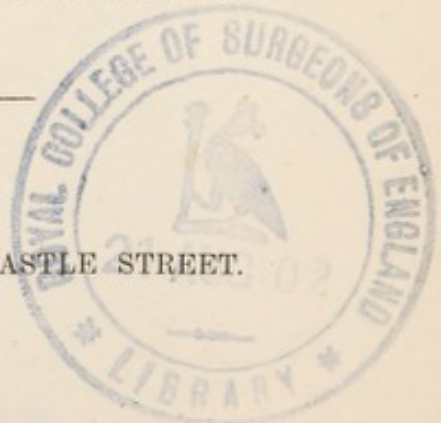
AND

TREASURER OF THE INSTITUTION.

DUNDEE:

PRINTED BY WINTER, DUNCAN & CO., CASTLE STREET.

1902.



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THE FOLLOWING ARE THE
DIRECTORS AND OFFICE-BEARERS

FOR THE CURRENT YEAR
FROM JUNE 1901 to JUNE 1902.

Chairman of the Directors.

The LORD PROVOST of Dundee.

EXTRAORDINARY DIRECTORS.

Ex-Officiis.

1. The Right Honourable the Earl of STRATHMORE and KINGHORNE, Lord-Lieutenant of the County.
2. Captain SINCLAIR, M.P. for the County.
3. HENRY JOHNSTON, Esq., K.C., Advocate, Sheriff of the County.
4. Sir JOHN LENG, M.P. for the Burgh.
5. E. ROBERTSON, Esq., M.P. for the Burgh.
6. The MODERATOR of the Synod of Angus and Mearns.

Directors for Life.

7. The Right Honourable the Earl of STRATHMORE and KINGHORNE, Glamis Castle.
8. The Right Honourable the Earl of CAMPERDOWN, Camperdown House.
9. Captain CLAYHILLS HENDERSON, R.N., of Invergowrie.
10. Ex-Lord Provost M'GRADY, Arnhall.

ORDINARY DIRECTORS.

Ex-Officiis.

11. Lord Provost HUNTER.
12. Bailie ALLAN.
13. Lord Dean of Guild BELL.

1. *Elected by Nine Incorporated Trades.*

14. GEORGE WILLISHER, Esq., of Pitpointie.
15. T. D. SMIBERT, Esq., Nethergate.
16. J. A. KIDD, Esq., Brook Street, Broughty Ferry.

2. *By the Three Trades.*

17. JAMES POWRIE, Esq., 82 Peddie Street.

3. *By the Guildry.*

18. JAMES MITCHELL, Esq., 1 Commercial Street.
19. JOHN MILN, Esq., Dundee Savings Bank.
20. WILLIAM NICOLL, Esq., Nethergate.
21. HUGH BALLINGALL, Esq.,—for the Maltmen Fraternity.

4. *By the Seamen Fraternity.*

22. Captain WILLIAM KILGOUR, Tayport.

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

23. DAVID MILLAR, Esq., 20 Constable Street.

6. *By the Kirk Session.*

24. The Rev. J. M. BENSON, 4 Hermonhill Terrace.

25. THOMAS RUSSELL, Esq., 5 Paradise Road.

7. *By the Presbytery.*

26. The Rev. W. WRIGHT, Lochee.

27. The Rev. D. B. CAMERON, 5 Douglas Terrace.

8. *By the County Council.*

28. W. F. BELL, Esq., Barns of Claverhouse.

29. D. M'INTYRE, Esq., 8 Duntrune Terrace, Broughty Ferry.

30. JAMES MILLER, Esq., East Balgillo, Broughty Ferry.

31. WILLIAM SMITH, Esq., Downfield.

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

32. JOHN EARL ROBERTSON, Esq., Invercarse.

33. The Rev. PETER GRANT, D.D., Perth Road.

34. A. B. GILROY, Esq., Merchant.

35. WM. LOW, Esq., Taymount, Westpark Road.

36. WILLIAM KIDD, Esq., 14 Windsor Street.

37. DAVID MACÉWAN, Esq., M.D., Tay Street.

38. ALEXANDER CAMPBELL, M.D., 1 Clarendon Terrace.

39. The Rev. GEORGE R. MACPHAIL, 3 Beechwood Terrace.

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**Office-bearers.****COMMITTEE OF MANAGEMENT.**

1. A. B. GILROY, Esq., *Chairman.*
2. W. F. BELL, Esq.
3. WILLIAM KIDD, Esq.
4. WILLIAM LOW, Esq.
5. JAMES BELL, Esq.
6. JAMES MITCHELL, Esq.

**HOUSE VISITORS.**

1. JOHN EARL ROBERTSON, Esq., to visit during July and October 1902, and January and April 1903.
2. The Rev. WILLIAM WRIGHT, to visit during August and November 1902, and February and May 1903.
3. THOMAS RUSSELL, Esq., to visit during September and December 1902, and March and June 1903.

OFFICERS OF THE ASYLUM.

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RESIDENT

**Medical Superintendent.**

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

**Medical Assistants.**

WILLIAM TUACH, M.B., CH. B. (Abn.).

W. L. G. ANDERSON, M.B., CH. B.

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NON-RESIDENT.

**Chaplain.**

THE REV. GEORGE DINGWALL, B.D., THE MANSE, LIFF.

**Treasurer.**

D. M'INTYRE, C.A., 13 ALBERT SQUARE, DUNDEE.

**Secretary.**

ROBERT C. WALKER, SOLICITOR, WHITEHALL STREET, DUNDEE.

OPTICIS-OP-TELL-ASYLUM

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

16TH JUNE 1902.

THE DIRECTORS beg to submit their Eighty-second Annual Report:—

It was mentioned in last year's Report that the subject of New Contracts between the Directors and the District Lunacy Boards of Forfarshire and Dundee for the accommodation of Pauper Lunatics had been before the Directors during the preceding year. Since the Annual Court in June last the matter has again been before the Directors.

On 26th July last, a Conference took place in Dundee in regard to Lunacy matters in the County of Forfar, at which Representatives from the Dundee and Forfar District Lunacy Boards and the Directors of the Dundee and Montrose Asylums were present. At this Meeting a Draft Contract prepared by Montrose Asylum was fully discussed, and it was resolved that the Clerks of the two District Lunacy Boards and the Secretaries of the two Asylums should revise the Draft Contract, without making any material alteration on its terms, so that they may operate as nearly as possible in an equal division of the number of Pauper Patients of the geographical County



of Forfar between the two Asylums, and report to a future Meeting.

Another Conference between Representatives of the two District Lunacy Boards and the Directors of the Dundee and Montrose Asylums was held at Arbroath on 20th November last. At this Meeting the Draft Contracts between the Dundee and Montrose Asylums and the Dundee and Forfar District Lunacy Boards were submitted and discussed. Your Directors having stated that they considered the manner of allocating the Pauper Patients between the two Asylums was too vaguely expressed, and that there was no provision for sending an equal number of Patients to Montrose and Dundee Asylums, Sir Thomas Thornton pointed out it was proposed that duty should be undertaken by the General Board of Lunacy. On the understanding that the General Board be expressly asked to see that the Patients should be equally divided between the two Asylums, your Directors withdrew their opposition to the Draft Contracts, and the Clerk of the District Lunacy Board for Forfarshire was instructed to send the Drafts to the General Board for their approval, drawing their attention to the foregoing understanding. The Draft Agreements have not yet been approved of by the General Board of Lunacy for Scotland.

The Monthly Returns of the number of Pauper Patients from Forfarshire, including Dundee, in Montrose and Dundee Asylums, which it was arranged some time ago should be exchanged between the two Asylums, shew that the number of Pauper Patients sent to Montrose is generally greater than the number sent to Dundee. This is the more singular that Montrose Asylum is said to be overcrowded while there is a large amount of vacant accommodation in Dundee Asylum.

The Dundee District Lunacy Board having expressed a desire to open negotiations for the purchase of the Asylum property at Westgreen, the Directors, at the Quarterly Court,



held on 21st October last, remitted to the Committee of Management, together with Lord Provost Hunter and Ex-Lord Provost M'Grady, to confer with the Lunacy Board on the subject, and report. Under that remit several Meetings have taken place between your Board and Representatives of the Lunacy Board, when the subject was fully discussed. No offer for the purchase of the Asylum has as yet, however, been received from the Dundee District Lunacy Board, but negotiations are still in progress.

Gowrie House, the new Private Asylum at Westgreen, having now been completed and suitably furnished, the Private Patients in Gray House were transferred to it at Martinmas last. This building and its furniture and decorations received high commendation from Dr. Macpherson, Commissioner in Lunacy, at his visit to the Asylum on 5th March last.

His Report, of which the following is an Extract, is contained at length in the Directors' Minutes :—

“Gowrie House, the new department for Private Patients paying the higher rates of board, is now occupied. The building, which is situated to the south of the main Asylum, commands an extensive view of the valley of the Tay. From the entrance Hall, which is a capacious, handsomely decorated, and comfortably furnished apartment, entrance is obtained on either side to what are designated the ‘Common Rooms’—that on the ladies side being in the form of a large drawing room, and that on the gentlemen’s side being a combined billiard room and smoking room. From the Common Room on the ladies’ side access is obtained to a nicely furnished Library and Writing Room, and to a small Drawing Room. There are in addition smaller Parlours for single cases. On the gentlemen’s side the arrangements are somewhat similar. The Dining Room, which occupies a central position, is elegantly furnished in panelled wood, with an open wooden roof. The tables are small and separate, accommodating from four to six persons



each. In the immediate vicinity of the Dining Room, and separated from it by a Service Room, is the Kitchen, which is completely furnished with all the more modern appliances for cooking and other culinary operations. On the first, second, and third floors are the sleeping apartments, with, in addition, an ample supply of lavatories, bath-rooms, and dressing-rooms. The furnishings and fittings of all these rooms are elegant, and are, with one or two necessary exceptions, almost identical with those in use among sane people of the same class.

Apart from the agreeable effect of the interior decoration, the suppression of the appearance of methods for curtailing the liberty of the inmates, and of any features in the construction or fittings which might prominently suggest mechanical provision against mental irresponsibility, are the most striking and commendable characteristics of this excellent house."

Two Legacies have been received by the Asylum during the year. On 26th August last Messrs J. & J. Ogilvie, Solicitors, Dundee, intimated that the late Mr Robert Matthew, Accountant, Willowbank, Broughty Ferry, had appointed his Trustees to pay to the Royal Lunatic Asylum, Dundee, the sum of £200, free of legacy duty, which sum he desired should be devoted by the Directors towards providing a Chapel or place of worship at Westgreen Asylum for the use of the Patients; and on 5th September last Messrs Shield & Kyd, Solicitors, Dundee, intimated a Legacy of £50, free of legacy duty, by the late Mrs Mary Miller or Matthew. These sums have since been paid to the Treasurer.

From the Treasurer's Report it will be observed (1) that the Income of the Institution from the Board of Patients, &c., was £14,570. 6s. 5d., and the Expenditure, including depreciation, £15,243. 14s. 1d., shewing a deficiency of £673. 7s. 8d.; (2) that there has been received as Annuities and Donations £659. 8s. 9d.; and (3) Profit on the Farm £319. 1s. 3d. The Directors are indebted to Mr W. F. Bell for his attention to the Farm during the year. A Duplicand Feu-

duty for Westgreen, amounting to £752. 15/-, was paid during the year.

The Medical Superintendent's Report shows that on 17th June last there were 412 Patients in the Asylum—171 Males and 241 Females, while there are at present 419, that number being made up of 173 Males, 246 Females,—139 having been admitted during the year, 38 having recovered, 54 having died, 5 having been removed to the Lunatic Wards of Poorhouses, 10 to other Asylums, 4 removed by Friends, 19 by Minutes of Parish Council, 2 discharged by escape, and 1 Criminal Patient on expiry of sentence.



ABSTRACT OF THE INCOME  
DUNDEE ROYAL

*For the Year ending*

| INCOME.                                        |  |         |         |
|------------------------------------------------|--|---------|---------|
| BOARDS—                                        |  |         |         |
| Private Patients ... ..                        |  | £3,826  | 11 11   |
| Pauper Patients ... ..                         |  | 10,721  | 1 6     |
|                                                |  | £14,547 | 13 5    |
| FEES FOR ATTENDANCE ... ..                     |  |         | 22 13 0 |
| DEFICIENCY OF WORKING ACCOUNT—Carried down ... |  |         | 673 7 8 |
|                                                |  |         |         |
|                                                |  | £15,243 | 14 1    |
| FARM AND GARDEN ACCOUNT—Profit for year ... .. |  | £319    | 1 3     |
| ANNUITIES AND LEGACY ... ..                    |  | 659     | 8 9     |
| ROADS AT OLD ASYLUM—Balance ... ..             |  | 27      | 10 3    |
| BALANCE—Loss—Carried to Capital Account ... .. |  | 717     | 2 10    |
|                                                |  | £1,723  | 3 1     |

AND EXPENDITURE OF THE  
LUNATIC ASYLUM

31st March 1902.

EXPENDITURE.

|                                                     |        |     |     |        |         |      |
|-----------------------------------------------------|--------|-----|-----|--------|---------|------|
| Butcher Meat, Fresh and Cured                       | ...    | ... | ... | £2,037 | 7       | 11   |
| Fish, Fresh and Cured                               | ...    | ... | ... | 192    | 11      | 10   |
| Milk                                                | ...    | ... | ... | 674    | 14      | 0    |
| Butter, Lard, Eggs, and Cheese                      | ...    | ... | ... | 647    | 1       | 3    |
| Bread, Meal, Flour, Barley, &c.                     | ...    | ... | ... | 1,158  | 1       | 5    |
| Potatoes and Green Vegetables                       | ...    | ... | ... | 274    | 17      | 11   |
| Sugar                                               | ...    | ... | ... | 130    | 12      | 3    |
| Treacle                                             | ...    | ... | ... | 0      | 16      | 3    |
| Tea and Coffee                                      | ...    | ... | ... | 214    | 3       | 0    |
| Spirits, Malt Liquors, and Aerated Waters           | ...    | ... | ... | 230    | 17      | 11   |
| Fruit (Fresh and Dried)                             | ...    | ... | ... | 103    | 10      | 8    |
| Tobacco and Snuff                                   | ...    | ... | ... | 112    | 9       | 4    |
| Household Requisites                                | ...    | ... | ... | 130    | 8       | 3    |
| Laundry Requisites                                  | ...    | ... | ... | 98     | 16      | 8    |
| Clothing, Boots and Shoes, &c.                      | ...    | ... | ... | 507    | 1       | 9    |
| Medicine and Surgical Appliances                    | ...    | ... | ... | 43     | 6       | 4    |
| Fuel, Light, and Water                              | ...    | ... | ... | 1,626  | 13      | 10   |
| Salaries and Wages                                  | ...    | ... | ... | 3,343  | 8       | 2    |
| Furnishings and Repairs                             | ...    | ... | ... | 1,146  | 10      | 9    |
| Feu-duty, Taxes, Amusements, and Miscellaneous      | £1,587 | 0   | 7   |        |         |      |
| Gray House Rent and Taxes (Less rent of             |        |     |     |        |         |      |
| Shootings)                                          | ...    | ... | ... | 138    | 10      | 2    |
| Horse and Hiring                                    | ...    | ... | ... | 174    | 5       | 9    |
|                                                     |        |     |     |        | 1,899   | 16 6 |
| Interest—Bank Account                               | ...    | ... | ... | £30    | 9       | 0    |
| —Proportion of Loan (£10,000)                       | ...    | ... | ... | 400    | 0       | 0    |
|                                                     |        |     |     |        | 430     | 9 0  |
| Depreciation                                        | ..     | ... | ... |        | 285     | 7 6  |
|                                                     |        |     |     |        | £15,289 | 2 6  |
| <i>Less—</i>                                        |        |     |     |        |         |      |
| Farm and Garden Account—Pigs' Meat                  | £30    | 0   | 0   |        |         |      |
| Miscellaneous Sales                                 | ...    | ... | ... | 15     | 8       | 5    |
|                                                     |        |     |     |        | 45      | 8 5  |
|                                                     |        |     |     |        | £15,243 | 14 1 |
| DEFICIENCY ON WORKING ACCOUNT—Brought down          | ...    | ... | ... | £673   | 7       | 8    |
| DUPLICAND OF FEU-DUTY                               | ...    | ... | ... | 752    | 15      | 0    |
| EXPENSES OF LOAN p. £30,000 from Scottish Equitable | ...    | ... | ... |        |         |      |
| Life Assurance Society                              | ...    | ... | ... | 297    | 0       | 5    |
|                                                     |        |     |     |        | £1,723  | 3 1  |

D. M'INTYRE, *Treasurer.*

DUNDEE, 9th June 1902.—Examined and found correct.

ROBERT C. THOMSON, *Auditor.*

## DUNDEE ROYAL

BALANCE SHEET

## CAPITAL AND LIABILITIES.

## MORTIFICATIONS—

|                      |     |     |     |      |    |   |                  |
|----------------------|-----|-----|-----|------|----|---|------------------|
| 1. John Grieve's     | ... | ... | ... | £393 | 1  | 3 |                  |
| 2. Provost Riddoch's | ... | ... | ... | 448  | 18 | 0 |                  |
|                      |     |     |     |      |    |   | <u>£841 19 3</u> |

## SUNDRY CREDITORS—

|                                                 |     |     |     |        |    |   |                    |
|-------------------------------------------------|-----|-----|-----|--------|----|---|--------------------|
| Scottish Equitable Life Assurance Society—      |     |     |     |        |    |   |                    |
| Loan                                            | ... | ... | ... | 30,000 | 0  | 0 |                    |
| National Bank of Scotland, Ltd.                 | ... | ... | ... | 3,648  | 16 | 7 |                    |
| Accounts for Quarter to 31st March 1902, unpaid | ... | ... | ... | 2,395  | 1  | 8 |                    |
|                                                 |     |     |     |        |    |   | <u>36,043 18 3</u> |

## CAPITAL ACCOUNT—

|                    |     |     |     |         |   |    |                    |
|--------------------|-----|-----|-----|---------|---|----|--------------------|
| Balance last year  | ... | ... | ... | £57,679 | 7 | 9  |                    |
| Less—Loss for year | ... | ..  | ... | 717     | 2 | 10 |                    |
|                    |     |     |     |         |   |    | <u>56,962 4 11</u> |

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£93,848 2 5



## LUNATIC ASYLUM.

as at 31st March 1902.

## ASSETS.

## PATIENTS' ACCOUNTS—

|                                          |     |     |     |         |                 |
|------------------------------------------|-----|-----|-----|---------|-----------------|
| 1. Ledger Balances                       | ... | ... | ... | £1 11 7 |                 |
| 2. Last Quarter's Furnishings from Store |     |     |     | 39 1 9  |                 |
|                                          |     |     |     |         | <u>£40 13 4</u> |

## OLD ASYLUM GROUND—

|                                  |  |  |  |  |           |
|----------------------------------|--|--|--|--|-----------|
| Unsold Feu-duty of £33. 11s. 1d. |  |  |  |  | 611 11 11 |
|----------------------------------|--|--|--|--|-----------|

## ASYLUM—

|                                         |         |   |   |                |                   |
|-----------------------------------------|---------|---|---|----------------|-------------------|
| Buildings and Furniture—per Last Report | £64,695 | 9 | 6 |                |                   |
| Less—Depreciation .. .. .               | 285     | 7 | 6 |                |                   |
|                                         |         |   |   | <u>£64,410</u> | 2 0               |
| Add—New Work                            |         |   |   | 275            | 5 3               |
|                                         |         |   |   |                | <u>64,685 7 3</u> |

## NEW PRIVATE ASYLUM—

|                  |     |     |     |         |                    |
|------------------|-----|-----|-----|---------|--------------------|
| Payments to date | ... | ... | ... | £24,794 | 3 5                |
| Interest         | ... | ... | ... | 620     | 9 7                |
|                  |     |     |     |         | <u>25,414 13 0</u> |

## PIGGERIES—

|         |     |     |     |  |         |
|---------|-----|-----|-----|--|---------|
| Balance | ... | ... | ... |  | 182 8 2 |
|---------|-----|-----|-----|--|---------|

## STOCK AT CLOSE—

|                    |     |     |     |       |                    |
|--------------------|-----|-----|-----|-------|--------------------|
| 1. House           | ... | ... | ... | £928  | 13 1               |
| 2. Farm and Garden | ... | ... | ... | 1,984 | 15 8               |
|                    |     |     |     |       | <u>2,913 8 9</u>   |
|                    |     |     |     |       | <u>£93,848 2 5</u> |

D. M'INTYRE, *Treasurer.*

DUNDEE, 9th June 1902.—Examined and found correct.

ROBERT C. THOMSON, *Auditor.*



## DUNDEE ROYAL LUNATIC ASYLUM.

## PARTICULARS OF DONATIONS, LEGACIES, &amp;c., TO 31st MARCH 1902.

|                                                                                                    |         |         |       |
|----------------------------------------------------------------------------------------------------|---------|---------|-------|
| 1820 to 31st March 1883, per Statement issued in the latter year                                   | £16,596 | 19      | 4     |
| 1884-87, Special Donations towards cost of erecting Westgreen Asylum                               |         | 3,839   | 2 7   |
| 1887, Donation                                                                                     | £1      | 1       | 0     |
| Miss Jane Clark, Westhaven—Legacy                                                                  | 18      | 0       | 0     |
| Mrs Christina Robson or Carr—Do.                                                                   | 1,000   | 0       | 0     |
| Miss Jessie Graham                                                                                 | 200     | 0       | 0     |
|                                                                                                    |         | 1,219   | 1 0   |
| 1889, Donations                                                                                    |         | 2       | 0 0   |
| 1890, Miss Playfair, Airlie Brae, Alyth                                                            | £30     | 0       | 0     |
| Donations                                                                                          | 2       | 15      | 6     |
|                                                                                                    |         | 32      | 15 6  |
| 1891, Miss Margt. Robson, 10 Tay Square                                                            | £100    | 0       | 0     |
| Miss Hood                                                                                          | 45      | 18      | 7     |
|                                                                                                    |         | 145     | 18 7  |
| 1892, Legacy from D. Ogilvie's Trust                                                               | £95     | 15      | 5     |
| Donation                                                                                           | 1       | 0       | 0     |
|                                                                                                    |         | 96      | 15 5  |
| 1893, Miss Grace Patrick                                                                           | £45     | 0       | 0     |
| Mrs Gilroy, Castleroy, in memory of her husband, the late Mr George Gilroy                         | 1,000   | 0       | 0     |
| Miss Margt. Mathewson                                                                              | 727     | 6       | 0     |
| Mr William Mathewson                                                                               | 846     | 15      | 0     |
| W. H. Blyth Martin—Donation from Committee in charge of performance of "Les Cloches de Corneville" | 35      | 0       | 0     |
| Donation                                                                                           | 1       | 0       | 0     |
|                                                                                                    |         | 2,655   | 1 0   |
| 1894, W. Nicoll's Trustees                                                                         | £55     | 0       | 0     |
| Donation                                                                                           | 0       | 10      | 0     |
|                                                                                                    |         | 55      | 10 0  |
| 1895, Donation                                                                                     |         | 0       | 15 0  |
| 1896, Donation                                                                                     |         | 1       | 5 6   |
| 1897, Legacy from Cobb's Trust                                                                     | £1,000  | 0       | 0     |
| Do. Robert Don, Gowrie Cottage, Broughty Ferry                                                     | 766     | 6       | 11    |
| Donations                                                                                          | 12      | 10      | 0     |
|                                                                                                    |         | 1,778   | 16 11 |
| 1898, Legacy from Mrs Webb's Trust                                                                 | 100     | 0       | 0     |
| Donations                                                                                          | 27      | 17      | 0     |
|                                                                                                    |         | 127     | 17 0  |
| 1899, Donations                                                                                    |         | 29      | 8 6   |
| 1900, David Pirie's Trustees                                                                       |         | 100     | 0 0   |
| 1901, Robert Don's Residue                                                                         |         | 101     | 10 0  |
| 1902, Trustees of the late Earl of Airlie                                                          | £100    | 0       | 0     |
| Mrs Mary Mitchell                                                                                  | 500     | 0       | 0     |
| Mrs Mary Matthew                                                                                   | 50      | 0       | 0     |
|                                                                                                    |         | 650     | 0 0   |
|                                                                                                    |         | £27,432 | 16 4  |

AT THE  
ANNUAL COURT OF DIRECTORS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM,  
HELD IN THE TOWN HALL OF DUNDEE,  
ON MONDAY, 16TH JUNE 1902.

MR A. B. GILROY IN THE CHAIR :

The SECRETARY read the Annual Report of the Directors.

The Chairman moved that the Report now read be adopted as the Eighty-second Report of the Institution, which was agreed to.

Dr. RORIE read the Medical Report.

It was resolved that the Annual Report of the Directors, such portions of the Medical Report as may be selected by the Committee of Management, and the Abstract of the Income and Expenditure for the past year be circulated as usual.



# MEDICAL REPORT,

16TH JUNE 1902.

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ON 17th June 1901, the date of last Annual Meeting, the number of patients on the Registers of the Asylum was 412. Of these, 88 were private patients, namely, 42 males and 46 females; and 324, namely, 129 males and 195 females, were paupers. In addition, two ladies were resident as voluntary patients, with the permission and approval of the General Board of Lunacy, but such are not regarded as Insane Persons under the Lunacy Statutes.

139 patients have since been admitted, namely, 59 males and 80 females. Of these, 25 were private patients, that is persons the expense of whose maintenance is defrayed by their relatives or by friends, and 114 were patients paid for in whole or in part by parish rates.

Five voluntary patients, two ladies and three gentlemen, were also admitted during the year.

As has now been the case for many years, a large proportion of the rate-paid patients was received from the City of Dundee and its immediate neighbourhood. Thus of the 114, 110 were admitted from the Parish of Dundee, two from that of Mains and Strathmartine, one from that of Monifieth, one from Glamis, and one from Montrose. No patient has been refused admission, and with four exceptions all the pauper patients at present resident in the Asylum belong to Forfarshire. The total number under treatment has consequently been 551 in all, being 22 more than the corresponding number for last year.

Of these, 38 have been discharged recovered. 9 have been transferred to other Asylums, principally pauper cases found after admission to be chargeable to Parishes beyond Forfarshire; 5 were removed to the Lunatic Wards of Poorhouses; 4 by



their friends, more or less improved, and taken home ; and 19 by Minutes of Parish Council to be boarded out in private families. A criminal patient, admitted from prison, was discharged on the expiry of his sentence and re-admitted on the pauper list, and two patients discharged themselves by escape. Three voluntary patients left the Institution after remaining for periods varying from 4 days to 3 months. 54 patients, 27 males and 27 females, have died.

There remain therefore at the present date 173 males and 246 females—total 419, being 7 more than the corresponding number for last year.

The advanced age of many on admission still continues a prominent feature, thus four were 66, two 68, one 70, one 71, two 72, one 73, two 75, and one 75 years old. Fifteen were brought to the Asylum from the Police Offices, seven from other Asylums, ten from the ordinary wards of Poorhouses, four from the Parochial Hospital, three from the Lunatic Wards of Poorhouses, nine from the Infirmary Wards, five from Prison, two from the Salvation Army Home, and one from Barry Camp.

The proportion of recoveries calculated on the number of patients admitted is 27·34 per cent., while that of the deaths calculated on the whole number treated, 9·8 per cent.

As is generally the case, the mortality has been chiefly among those recently admitted. In two instances however the patients had been for a long time in the Asylum. One of these was received on 20th December 1850 suffering from violent Epileptic Mania, the result of an injury to the skull and brain, and died on 4th January 1902, aged 81 years. He had thus been continuously resident for fully 52 years. For several years after admission he was subject to frequent paroxysms of dangerous excitement, but as time passed these became less violent and finally gradually subsided, the epileptic seizures also became less frequent and milder in character, and the patient developed into one of the most useful and agreeable members of our community. During the last few years the epileptic attacks appeared to have entirely



passed off, but he still suffered so much from loss of self-confidence and an apprehension of a relapse of his illness that he never felt secure nor could pass the night comfortably unless beside the night attendants. The other case was admitted for the first time in 1853, discharged recovered in 1854, relapsed and was re-admitted in 1855, removed improved in 1856, and re-admitted in 1857, and had since that date been continuously resident till the time of his death.

Of the patients who have died during the year many had reached an advanced age, one having been 70 years old, two had completed their 73rd, one the 74th, two their 75th, two their 76th, one his 81st, and one her 84th year of life.

Further particulars in regard to the admissions, discharges, and deaths will be found in the Statistical Tables appended to the Report.

The most important event of the year has been the transference of the patients who were in Gray House to Gowrie House, and this was accomplished satisfactorily and without accident or inconvenience. The change was made, not however without feelings of regret on the part of many at leaving behind them the old and magnificent trees, which rendered Gray House, even although an antiquated structure, an ideal place of residence for a certain class of the community, but this has to a great extent been compensated for in the handsomely furnished and comfortable apartments of the new building. Twenty-seven of the better class of patients have been resident since November, but the full occupation of Gowrie House and other improvements have been to a great extent retarded in consequence of the uncertain position in which the whole Institution has been placed by the action of the Lunacy Boards. The grounds round about the buildings are being carefully laid out and planted with suitable trees and shrubs, indeed the work is already well advanced.

Mention has been made of the length of time some of the patients had been resident, but that the antiquity of an Institution is not always to the disadvantage of the public was otherwise shown in a somewhat unique way, but having direct



reference to the Asylum, and so worthy of being noticed in the present Report. I refer to the valuable evidence afforded by the Asylum records in the evidence in what is now known as the Comerton Tragedy. The prisoner in this case was tried in Edinburgh, on 19th May 1902, for the murder of his wife at Comerton in Fifeshire, and acquitted on the grounds of insanity. In examining him with the view of ascertaining whether any hereditary predisposition existed in his family, he told me that three of his father's brothers had been in an Asylum, but could not say where. A careful examination of the earlier Case Books having been made, I found that all three had been insane and under treatment in the Dundee Old Asylum Building,—one brother in the year 1826, another on two occasions in 1832 and 1835, and the third brother in 1839. The histories of the cases had been carefully taken and fully extended, and were thus at once available as valuable supplementary evidence of the prisoner's insanity. Extracts from the Case Books were accordingly placed at the disposal of the authorities, and no doubt contributed materially to the satisfactory termination of the trial, as well as to the furtherance of the ends of justice.

The Classes for the training of Nurses and Attendants were carried on during the winter months as usual. During the last ten years 40 candidates have secured the much coveted certificates of proficiency in nursing and attendance on the insane, granted by the Medico Psychological Association of Great Britain and Ireland, and five others were examined last May, but the result has not yet been reported to us.

The Lectures on Mental Diseases in connection with the University College have been given as formerly, the systematic Lectures at the College on Wednesdays, and the Clinical Lectures and Demonstrations on Saturdays at the Asylum.

No changes have taken place among the resident Officers, but I have still to report with regret that the resignations on the part of the Nurses, Attendants, and Servants continue to be more frequent than is desirable, although chiefly among those recently engaged. Of the present number, however, 14

men and 3 women joined the service at various dates between 22nd November 1880 and 1st January 1898, and last year it was stated that one of the Male Attendants had awarded to him the £5 usually given on the completion of 20 years' service. It gives me pleasure again to put on record that this year John M'Mahon, another Male Attendant, has received a similar gratuity, making the 18th person whose services have been thus acknowledged during the last 42 years.

In conclusion, I beg to refer gratefully to the continued confidence, consideration, and support accorded to me by you, the Directors of the Institution, and to the Staff generally my thanks are due for their willing and at all times ready assistance.

JAMES RORIE, M.D.



## LIST OF

Officers, Nurses, and Attendants who, after examination, have been granted the Certificate of the Medico-Psychological Association for Proficiency in Nursing and Attending on the Insane:—

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1892. Thomas Boyd.                | 1896. <i>Christina Fraser.</i>    |
| <i>James Inches.</i>              | Caroline Gavine.                  |
| <i>Charles Chalmers.</i>          | Maggie Mann.                      |
| Jane S. Alison.                   | Bella Shephard.                   |
| Joan M. Finlayson.                | 1897. Charlotte Samson.           |
| Jane M'Garrock.                   | Isabella M'Kenzie.                |
| Sarah M'Garrock.                  | 1898. Hannah M'Sweeney.           |
| Jessie Shand.                     | 1899. <i>Miss A. L. Irvine.</i>   |
| 1893. <i>Mr William Mitchell.</i> | Rosina Aitkinson.                 |
| Alexander Galbraith.              | Alice M'Donald.                   |
| Alexander Soutar.                 | <i>George High.</i>               |
| <i>Francis Dick.</i>              | <i>Samuel Stevenson.</i>          |
| James Nicholl.                    | 1900. Johan Shepherd.             |
| <i>John Simpson.</i>              | Nellie Wardhaugh.                 |
| James Stewart.                    | Isabella P. Suttie.               |
| William Walker.                   | <i>Peter Innes.</i>               |
| Mary Swanson.                     | 1901. <i>Mary Todd.</i>           |
| 1896. Miss F. M. Mitchell.        | <i>Annie Wishart.</i>             |
| Miss A. M. Aitken.                | Elizabeth Milne.                  |
| <i>James Joss.</i>                | George G. Ellis.                  |
|                                   | 1902. <i>Jane Hay.</i>            |
|                                   | <i>Margaret Crocket M'Kenzie.</i> |

RECIPIENTS OF THE £5 GRATUITIES ON COMPLETION  
OF 20 YEARS' SERVICE.

|                           |                            |
|---------------------------|----------------------------|
| 1860. Ann Murray.         | 1872. William Taylor.      |
| Ann Scott.                | 1873. Emily Campbell.      |
| 1861. Charles Robbie.     | 1874. Thomas Miller.       |
| 1862. Mary Finlay.        | 1875. David Soutar.        |
| 1864. Alexander Davidson. | 1878. David Gauld.         |
| Harriet Goodfellow.       | 1881. George Duthie.       |
| 1865. Helen Smith.        | 1884. John Lawrie.         |
| 1867. Catherine Mitchell. | 1900. <i>Francis Dick.</i> |
| 1871. Robert Barrie.      | 1901. <i>John M'Mahon.</i> |

*N.B.*—Those whose names are in *italics* are still in the service of the Asylum.

# STATISTICAL TABLES

FOR THE YEAR ENDING 16TH JUNE 1902

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

TABLE I.

Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year ending 16th June 1902.

|                                                                         | Males. | Females. | TOTAL. | Males. | Females. | TOTAL. |
|-------------------------------------------------------------------------|--------|----------|--------|--------|----------|--------|
| In the Asylum on 17th June 1901                                         | ...    | ...      | ...    | 171    | 241      | 412    |
| Cases admitted—                                                         |        |          |        |        |          |        |
| First admissions ... ..                                                 | 50     | 63       | 113    |        |          |        |
| Not first admissions ... ..                                             | 9      | 17       | 26     |        |          |        |
|                                                                         |        |          |        | 59     | 80       | 139    |
| Total cases under care during the year ... ..                           | ...    | ...      | ...    | 230    | 321      | 551    |
| Cases discharged—                                                       |        |          |        |        |          |        |
| Recovered ... ..                                                        | 14     | 24       | 38     |        |          |        |
| Relieved ... ..                                                         | 15     | 22       | 37     |        |          |        |
| Not improved ... ..                                                     | 1      | 2        | 3      |        |          |        |
| Cases died ... ..                                                       | 27     | 27       | 54     |        |          |        |
| Total cases discharged and died during the year ... ..                  | ...    | ...      | ...    | 57     | 75       | 132    |
| Remaining in Asylum, 16th June 1902 ... ..                              | ...    | ...      | ...    | 173    | 246      | 419    |
| Average number resident during the year ... ..                          |        |          |        | 173·68 | 240·76   | 414·44 |
| Persons under care during the year ... ..                               |        |          |        | 229    | 320      | 549    |
| Persons admitted ... ..                                                 |        |          |        | 58     | 79       | 137    |
| Cases transferred to this Asylum from other Asylums                     |        |          |        | 4      | 3        | 7      |
| Cases transferred from this Asylum to other Asylums                     |        |          |        | 4      | 6        | 10     |
| " removed to Lunatic Wards of Dundee Poorhouses from this Asylum ... .. |        |          |        | 4      | 1        | 5      |
| " admitted from Lunatic Wards of Poorhouses ... ..                      |        |          |        | 2      | 1        | 3      |
| " " " Ordinary Wards of Poorhouses and Parochial Hospital ... ..        |        |          |        | 7      | 7        | 14     |
| " " " Police Office ... ..                                              |        |          |        | 9      | 6        | 15     |
| " " " Dundee Prison ... ..                                              |        |          |        | 3      | 2        | 5      |
| " " " Infirmary ... ..                                                  |        |          |        | 3      | 6        | 9      |
| " " " Salvation Army Home ... ..                                        |        |          |        | 0      | 2        | 2      |
| " " " Barry Camp ... ..                                                 |        |          |        | 1      | 0        | 1      |



TABLE I. A.

Showing (1) Previous Attacks among Persons admitted during the Year 1901-1902, and (2) the Number of Previous Attacks from which they have recovered in this or any other Asylum.

| (1) Number of Previous Attacks.   | PERSONS. |          |        |
|-----------------------------------|----------|----------|--------|
|                                   | Males.   | Females. | Total. |
| Have had 1 previous attack ... .. | 6        | 11       | 17     |
| " " 2 " attacks ... ..            | 3        | 2        | 5      |
| " " 3 " " ... ..                  | 0        | 1        | 1      |
| " " 4 " " ... ..                  | 0        | 1        | 1      |
| " " 5 " " ... ..                  | 0        | 1        | 1      |
| " " 7 " " ... ..                  | 0        | 1        | 1      |
|                                   | 9        | 17       | 26     |

| (2) Number of times Patients have recovered. | In this Asylum. |    |        | In any other Asylum. |     |        |
|----------------------------------------------|-----------------|----|--------|----------------------|-----|--------|
|                                              | M.              | F. | TOTAL. | M.                   | F.  | TOTAL. |
| Once ... ..                                  | 4               | 7  | 11     | ...                  | 1   | 1      |
| Twice ... ..                                 | 2               | 2  | 4      | ...                  | ... | ...    |
| Three times ... ..                           | 0               | 3  | 3      | ...                  | ... | ...    |
| Five " ... ..                                | 0               | 1  | 1      | ...                  | ... | ...    |
|                                              | 6               | 13 | 19     | ...                  | 1   | 1      |

TABLE II.

Showing the Admissions, Discharges, and Deaths from the Opening of the Asylum to the 16th June 1902.

|                                                       |        |        |        |      |      |      |
|-------------------------------------------------------|--------|--------|--------|------|------|------|
| Persons admitted during the period of 82 years ... .. | 2353   | 2705   | 5058   |      |      |      |
| Re-admissions ... ..                                  | 607    | 789    | 1396   |      |      |      |
|                                                       |        |        |        | 2960 | 3494 | 6454 |
| Discharged Recovered ... ..                           | 1049   | 1480   | 2529   |      |      |      |
| Relieved ... ..                                       | 737    | 974    | 1711   |      |      |      |
| Not improved ... ..                                   | 160    | 139    | 299    |      |      |      |
| Died ... ..                                           | 841    | 655    | 1496   |      |      |      |
|                                                       |        |        |        | 2787 | 3248 | 6035 |
| Remaining 16th June 1902 ... ..                       | ...    | ...    | ...    | 173  | 246  | 419  |
| Average number resident during 73 years ... ..        | 112.09 | 126.88 | 238.99 |      |      |      |
| Transferred to Asylum during 77 years ... ..          | 95     | 105    | 200    |      |      |      |
| " from the Asylum                                     | 197    | 192    | 389    |      |      |      |







TABLE IV.—Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent. of the Admissions since 1st April 1820.

| Year.                                       | ADMITTED. |     |     | DISCHARGED. |    |     |           |     |     |               |     |     |       |    |     | REMAINING 3rd Monday in June of each year. |     |     | AVERAGE NUMBER RESIDENT. |     |       | PERCENTAGE OF RECOVERIES ON ADMISSIONS. |       |       | PERCENTAGE OF DEATHS ON AVERAGE NUMBER RESIDENT. |        |       |       |      |      |
|---------------------------------------------|-----------|-----|-----|-------------|----|-----|-----------|-----|-----|---------------|-----|-----|-------|----|-----|--------------------------------------------|-----|-----|--------------------------|-----|-------|-----------------------------------------|-------|-------|--------------------------------------------------|--------|-------|-------|------|------|
|                                             |           |     |     | Recovered.  |    |     | Relieved. |     |     | Not Improved. |     |     | Died. |    |     |                                            |     |     |                          |     |       |                                         |       |       |                                                  |        |       |       |      |      |
|                                             | M.        | F.  | T.  | M.          | F. | T.  | M.        | F.  | T.  | M.            | F.  | T.  | M.    | F. | T.  | M.                                         | F.  | T.  | M.                       | F.  | T.    | M.                                      | F.    | T.    |                                                  |        |       |       |      |      |
| From 1st April 1820 to 3rd Monday June 1829 | 188       | 164 | 352 | 77          | 73 | 150 | 36        | 37  | 73  | ...           | ... | ... | 19    | 13 | 32  | 56                                         | 41  | 97  | ...                      | ... | ...   | 40-95                                   | 44-51 | 42-61 | ...                                              | ...    | ...   |       |      |      |
| 1829-1830                                   | 15        | 18  | 33  | 8           | 7  | 15  | 6         | 4   | 10  | ...           | ... | ... | 2     | 2  | 4   | 55                                         | 46  | 101 | 57                       | 44  | 101   | 53-33                                   | 38-38 | 45-45 | 3-51                                             | 4-52   | 3-95  |       |      |      |
| 1830-1831                                   | 15        | 18  | 33  | 8           | 8  | 16  | 5         | 3   | 8   | ...           | ... | ... | 2     | 1  | 3   | 55                                         | 52  | 107 | 55                       | 48  | 103   | 53-33                                   | 44-44 | 48-48 | 3-63                                             | 2-08   | 2-91  |       |      |      |
| 1831-1832                                   | 21        | 16  | 37  | 2           | 4  | 6   | 5         | 5   | 10  | ...           | ... | ... | 2     | 5  | 7   | 67                                         | 54  | 121 | 61                       | 52  | 113   | 55-00                                   | 54-16 | 51-06 | 10-76                                            | 5-08   | 8-06  |       |      |      |
| 1832-1833                                   | 23        | 24  | 47  | 11          | 13 | 24  | 7         | 4   | 11  | ...           | ... | ... | 2     | 7  | 9   | 65                                         | 58  | 123 | 65                       | 59  | 124   | 55-00                                   | 54-16 | 51-06 | 10-76                                            | 5-08   | 8-06  |       |      |      |
| 1833-1834                                   | 22        | 18  | 40  | 9           | 8  | 17  | 2         | 6   | 8   | ...           | ... | ... | 6     | 4  | 10  | 70                                         | 58  | 128 | 70                       | 58  | 128   | 40-90                                   | 44-44 | 42-50 | 8-57                                             | 6-89   | 7-81  |       |      |      |
| 1834-1835                                   | 19        | 21  | 40  | 9           | 13 | 22  | 6         | 3   | 9   | ...           | ... | ... | 4     | 4  | 8   | 70                                         | 59  | 129 | 68                       | 58  | 126   | 47-36                                   | 61-90 | 55-00 | 5-88                                             | 6-89   | 6-24  |       |      |      |
| 1835-1836                                   | 20        | 18  | 38  | 7           | 4  | 11  | 7         | 7   | 14  | ...           | ... | ... | 6     | 2  | 8   | 70                                         | 64  | 134 | 70                       | 59  | 129   | 35-00                                   | 22-22 | 28-94 | 8-57                                             | 3-39   | 6-20  |       |      |      |
| 1836-1837                                   | 24        | 16  | 40  | 8           | 8  | 16  | 9         | 8   | 17  | ...           | ... | ... | 5     | 5  | 10  | 72                                         | 59  | 131 | 74                       | 61  | 135   | 33-33                                   | 50-00 | 40-00 | 6-75                                             | 8-19   | 7-48  |       |      |      |
| 1837-1838                                   | 30        | 12  | 42  | 13          | 3  | 16  | 2         | 3   | 5   | ...           | ... | ... | 7     | 1  | 8   | 80                                         | 64  | 144 | 77                       | 60  | 137   | 43-33                                   | 25-00 | 38-09 | 9-09                                             | 1-66   | 5-53  |       |      |      |
| 1838-1839                                   | 26        | 27  | 53  | 14          | 9  | 23  | 4         | 7   | 11  | ...           | ... | ... | 6     | 5  | 11  | 82                                         | 70  | 152 | 84                       | 66  | 150   | 53-84                                   | 33-33 | 43-39 | 7-19                                             | 7-57   | 7-83  |       |      |      |
| 1839-1840                                   | 29        | 28  | 57  | 23          | 20 | 43  | 3         | 5   | 8   | ...           | ... | ... | 5     | 2  | 7   | 80                                         | 71  | 151 | 87                       | 70  | 157   | 79                                      | 31    | 71-42 | 75-43                                            | 5-74   | 2-85  | 4-45  |      |      |
| 1840-1841                                   | 33        | 25  | 58  | 6           | 16 | 22  | 4         | 3   | 7   | ...           | ... | ... | 5     | 3  | 8   | 98                                         | 74  | 172 | 89                       | 75  | 164   | 18-18                                   | 64-00 | 37-93 | 5-61                                             | 3-99   | 4-87  |       |      |      |
| 1841-1842                                   | 34        | 19  | 53  | 16          | 11 | 27  | 9         | 7   | 16  | ...           | ... | ... | 5     | 4  | 9   | 100                                        | 78  | 178 | 102                      | 77  | 179   | 47-05                                   | 57-89 | 50-94 | 7-84                                             | 2-59   | 5-58  |       |      |      |
| 1842-1843                                   | 29        | 32  | 61  | 21          | 10 | 31  | 9         | 2   | 10  | ...           | ... | ... | 8     | 2  | 10  | 100                                        | 78  | 178 | 102                      | 77  | 179   | 47-05                                   | 57-89 | 50-94 | 7-84                                             | 2-59   | 5-58  |       |      |      |
| 1843-1844                                   | 25        | 22  | 47  | 6           | 14 | 20  | 8         | 7   | 15  | ...           | ... | ... | 10    | 2  | 12  | 95                                         | 89  | 183 | 96                       | 84  | 180   | 72-41                                   | 31-25 | 60-78 | 5-20                                             | 4-80   | 5-90  |       |      |      |
| 1844-1845                                   | 34        | 26  | 60  | 9           | 9  | 18  | 7         | 8   | 15  | ...           | ... | ... | 8     | 6  | 14  | 105                                        | 91  | 196 | 100                      | 90  | 190   | 26-47                                   | 34-53 | 30-00 | 8-30                                             | 6-66   | 7-37  |       |      |      |
| 1845-1846                                   | 24        | 26  | 50  | 15          | 15 | 30  | 8         | 7   | 15  | ...           | ... | ... | 6     | 2  | 8   | 100                                        | 93  | 193 | 105                      | 96  | 201   | 62-50                                   | 26-91 | 60-00 | 5-70                                             | 2-08   | 3-90  |       |      |      |
| 1846-1847                                   | 28        | 29  | 57  | 7           | 19 | 26  | 10        | 11  | 21  | ...           | ... | ... | 5     | 2  | 7   | 106                                        | 90  | 196 | 105                      | 95  | 200   | 25-57                                   | 65-51 | 45-61 | 4-70                                             | 2-01   | 3-05  |       |      |      |
| 1847-1848                                   | 23        | 29  | 52  | 13          | 13 | 26  | 1         | 6   | 7   | ...           | ... | ... | 14    | 5  | 19  | 101                                        | 95  | 196 | 103                      | 94  | 197   | 56-52                                   | 44-82 | 50-00 | 13-01                                            | 5-30   | 9-60  |       |      |      |
| 1848-1849                                   | 22        | 24  | 46  | 11          | 14 | 25  | 3         | 7   | 10  | ...           | ... | ... | 7     | 5  | 12  | 102                                        | 93  | 195 | 104                      | 94  | 198   | 50-00                                   | 58-50 | 54-34 | 6-70                                             | 5-30   | 6-00  |       |      |      |
| 1849-1850                                   | 30        | 32  | 62  | 13          | 15 | 28  | 4         | 10  | 14  | ...           | ... | ... | 8     | 3  | 11  | 107                                        | 97  | 204 | 107                      | 93  | 200   | 43-33                                   | 46-87 | 45-16 | 7-47                                             | 3-00   | 5-00  |       |      |      |
| 1850-1851                                   | 32        | 25  | 57  | 11          | 13 | 24  | 10        | 11  | 21  | ...           | ... | ... | 12    | 2  | 14  | 106                                        | 96  | 202 | 108                      | 96  | 204   | 34-37                                   | 46-87 | 45-16 | 11-00                                            | 2-00   | 6-85  |       |      |      |
| 1851-1852                                   | 19        | 21  | 40  | 16          | 8  | 24  | 3         | 6   | 9   | ...           | ... | ... | 5     | 5  | 10  | 101                                        | 98  | 199 | 107                      | 99  | 206   | 84-21                                   | 38-09 | 60-00 | 4-67                                             | 5-00   | 4-85  |       |      |      |
| 1852-1853                                   | 23        | 20  | 43  | 10          | 13 | 23  | 4         | 5   | 9   | ...           | ... | ... | 4     | 5  | 9   | 106                                        | 95  | 201 | 107                      | 98  | 205   | 43-47                                   | 65-00 | 53-48 | 3-73                                             | 5-10   | 4-39  |       |      |      |
| 1853-1854                                   | 26        | 15  | 41  | 7           | 12 | 19  | 4         | 2   | 6   | ...           | ... | ... | 7     | 5  | 12  | 114                                        | 91  | 205 | 109                      | 95  | 204   | 26-92                                   | 80-00 | 46-34 | 6-42                                             | 5-27   | 5-88  |       |      |      |
| 1854-1855                                   | 26        | 25  | 51  | 12          | 9  | 21  | 7         | 7   | 14  | ...           | ... | ... | 6     | 5  | 11  | 115                                        | 95  | 210 | 117                      | 96  | 213   | 46-15                                   | 39-00 | 41-17 | 5-12                                             | 5-20   | 5-16  |       |      |      |
| 1855-1856                                   | 22        | 13  | 35  | 9           | 10 | 19  | 2         | 3   | 5   | ...           | ... | ... | 9     | 2  | 11  | 117                                        | 93  | 210 | 120                      | 96  | 216   | 40-90                                   | 76-92 | 54-28 | 7-50                                             | 2-00   | 5-00  |       |      |      |
| 1856-1857                                   | 28        | 21  | 49  | 11          | 10 | 21  | 1         | 5   | 8   | ...           | ... | ... | 11    | 3  | 14  | 122                                        | 96  | 218 | 122                      | 96  | 218   | 39-28                                   | 47-61 | 42-85 | 9-02                                             | 3-12   | 6-12  |       |      |      |
| 1857-1858                                   | 20        | 15  | 35  | 8           | 9  | 17  | 3         | 5   | 8   | ...           | ... | ... | 7     | 4  | 11  | 124                                        | 93  | 217 | 121                      | 95  | 216   | 40-00                                   | 60-00 | 48-57 | 5-70                                             | 4-20   | 5-09  |       |      |      |
| 1858-1859                                   | 20        | 28  | 48  | 13          | 11 | 24  | 3         | ... | ... | ...           | ... | 12  | 7     | 19 | 109 | 96                                         | 205 | 118 | 96                       | 214 | 65-00 | 39-28                                   | 50-00 | 5-93  | 7-29                                             | 6-54   |       |       |      |      |
| 1859-1860                                   | 29        | 18  | 47  | 14          | 13 | 27  | ...       | ... | ... | ...           | ... | 3   | 1     | 4  | 8   | 113                                        | 99  | 212 | 115                      | 101 | 216   | 48-27                                   | 72-22 | 57-44 | 6-95                                             | 9-29   | 4-15  |       |      |      |
| 1860-1861                                   | 20        | 6   | 26  | 9           | 6  | 15  | 3         | 1   | 4   | ...           | ... | ... | 2     | 2  | 4   | 12                                         | 1   | 13  | 109                      | 95  | 204   | 111                                     | 98    | 209   | 45-00                                            | 100-00 | 57-69 | 10-91 | 1-02 | 6-22 |
| 1861-1862                                   | 15        | 8   | 23  | 6           | 4  | 10  | 1         | 1   | 2   | ...           | ... | ... | 1     | 10 | 11  | 106                                        | 97  | 203 | 110                      | 95  | 205   | 40-00                                   | 50-00 | 43-47 | 9-09                                             | 1-05   | 5-36  |       |      |      |
| 1862-1863                                   | 11        | 11  | 22  | 5           | 7  | 12  | 1         | 2   | 3   | ...           | ... | ... | 2     | 6  | 8   | 104                                        | 95  | 199 | 105                      | 95  | 200   | 45-45                                   | 63-63 | 54-54 | 5-71                                             | 3-15   | 4-50  |       |      |      |
| 1863-1864                                   | 17        | 16  | 33  | 8           | 11 | 19  | ...       | ... | ... | ...           | ... | 1   | 4     | 2  | 6   | 108                                        | 97  | 205 | 110                      | 98  | 208   | 47-05                                   | 68-88 | 57-57 | 3-33                                             | 2-04   | 2-88  |       |      |      |
| 1864-1865                                   | 14        | 22  | 36  | 6           | 9  | 15  | 17        | 32  | 22  | ...           | ... | ... | 8     | 8  | 16  | 71                                         | 82  | 153 | 99                       | 95  | 194   | 42-75                                   | 22-72 | 30-55 | 8-01                                             | 8-42   | 8-25  |       |      |      |
| 1865-1866                                   | 38        | 63  | 101 | 9           | 21 | 30  | 9         | 21  | 30  | ...           | ... | ... | 3     | 3  | 6   | 79                                         | 93  | 172 | 73                       | 80  | 153   | 23-68                                   | 33-33 | 29-70 | 4-11                                             | 3-78   | 3-92  |       |      |      |
| 1866-1867                                   | 35        | 39  | 74  | 20          | 18 | 38  | 3         | 7   | 10  | ...           | ... | ... | 4     | 5  | 9   | 83                                         | 99  | 182 | 79                       | 92  | 171   | 57-14                                   | 46-15 | 51-35 | 6-33                                             | 7-60   | 7-01  |       |      |      |
| 1867-1868                                   | 26        | 35  | 61  | 4           | 20 | 24  | 3         | 9   | 12  | ...           | ... | ... | 1     | 6  | 7   | 95                                         | 97  | 192 | 85                       | 95  | 180   | 15-38                                   | 57-14 | 39-34 | 7-06                                             | 8-42   | 7-77  |       |      |      |
| 1868-1869                                   | 37        | 20  | 57  | 9           | 10 | 19  | 1         | 5   | 6   | ...           | ... | ... | 1     | 6  | 7   | 105                                        | 95  | 200 | 97                       | 97  | 194   | 21-92                                   | 50-00 | 31-57 | 12-57                                            | 6-18   | 9-20  |       |      |      |
| 1869-1870                                   | 22        | 13  | 35  | 5           | 6  | 11  | 7         | 6   | 13  | ...           | ... | ... | 3     | 10 | 7   | 101                                        | 89  | 190 | 108                      | 93  | 201   | 13-63                                   | 46-15 | 25-71 | 6-94                                             | 4-03   | 5-04  |       |      |      |
| 1870-1871                                   | 24        | 35  | 59  | 10          | 15 | 25  | 8         | 18  | 26  | ...           | ... | ... | 1     | 4  | 5   | 87                                         | 87  | 181 | 95                       | 86  | 181   | 41-66                                   | 42-85 | 42-37 | 10-52                                            | 3-48   | 7-18  |       |      |      |
| 1871-1872                                   | 31        | 45  | 76  | 12          | 25 | 37  | 7         | 6   | 13  | ...           | ... | ... | 2     | 3  | 5   | 8                                          | 8   | 16  | 97                       | 91  | 188   | 91                                      | 87    | 178   | 38-83                                            | 55-55  | 48-68 | 8-79  | 9-19 | 8-98 |
| 1872-1873                                   | 31        | 47  | 78  | 11          | 23 | 34  | 6         | 9   | 15  | ...           | ... | ... | 10    | 10 | 20  | 101                                        | 96  | 197 | 98                       | 93  | 191   | 35-48                                   | 48-93 | 43-56 | 10-20                                            | 10-75  | 10-47 |       |      |      |
| 1873-1874                                   | 29        | 36  | 65  | 12          | 18 | 30  | 16        | 14  | 30  | ...           | ... | ... | 2     | 6  | 8   | 7                                          | 3   | 10  | 93                       | 91  | 184   | 96                                      | 94    | 190   | 41-37                                            | 50-00  | 46-15 | 7-29  | 3-19 | 5-26 |
| 1874-1875                                   | 38        | 50  | 88  | 15          | 21 | 36  | 3         | 10  | 13  | ...           | ... | ... | 1     | 9  | 6   | 104                                        | 103 | 207 | 99                       | 97  | 196   | 39-47                                   | 42-00 | 40-90 | 9-09                                             | 6-18   | 7-65  |       |      |      |
| 1875-1876                                   | 44        | 54  | 98  | 9           | 29 | 38  | 11        | 16  | 27  | ...           | ... | ... | 2     | 3  | 5   | 118                                        | 103 | 221 | 111                      | 104 | 215   | 22-72                                   | 53-70 | 39-79 | 8-11                                             | 6-73   | 7-47  |       |      |      |
| 1876-1877                                   | 35        | 68  | 103 | 16          | 19 | 35  | 12        | 30  | 42  | ...           |     |     |       |    |     |                                            |     |     |                          |     |       |                                         |       |       |                                                  |        |       |       |      |      |

TABLE IV. (Continued from previous page)

| Year | Number of cases |          | Total | Rate per 100,000 | Standard deviation | t-value | Significance |
|------|-----------------|----------|-------|------------------|--------------------|---------|--------------|
|      | Observed        | Expected |       |                  |                    |         |              |
| 1950 | 10              | 10       | 20    | 10.0             | 0.0                | 0.0     |              |
| 1951 | 11              | 11       | 22    | 11.0             | 0.0                | 0.0     |              |
| 1952 | 12              | 12       | 24    | 12.0             | 0.0                | 0.0     |              |
| 1953 | 13              | 13       | 26    | 13.0             | 0.0                | 0.0     |              |
| 1954 | 14              | 14       | 28    | 14.0             | 0.0                | 0.0     |              |
| 1955 | 15              | 15       | 30    | 15.0             | 0.0                | 0.0     |              |
| 1956 | 16              | 16       | 32    | 16.0             | 0.0                | 0.0     |              |
| 1957 | 17              | 17       | 34    | 17.0             | 0.0                | 0.0     |              |
| 1958 | 18              | 18       | 36    | 18.0             | 0.0                | 0.0     |              |
| 1959 | 19              | 19       | 38    | 19.0             | 0.0                | 0.0     |              |
| 1960 | 20              | 20       | 40    | 20.0             | 0.0                | 0.0     |              |
| 1961 | 21              | 21       | 42    | 21.0             | 0.0                | 0.0     |              |
| 1962 | 22              | 22       | 44    | 22.0             | 0.0                | 0.0     |              |
| 1963 | 23              | 23       | 46    | 23.0             | 0.0                | 0.0     |              |
| 1964 | 24              | 24       | 48    | 24.0             | 0.0                | 0.0     |              |
| 1965 | 25              | 25       | 50    | 25.0             | 0.0                | 0.0     |              |
| 1966 | 26              | 26       | 52    | 26.0             | 0.0                | 0.0     |              |
| 1967 | 27              | 27       | 54    | 27.0             | 0.0                | 0.0     |              |
| 1968 | 28              | 28       | 56    | 28.0             | 0.0                | 0.0     |              |
| 1969 | 29              | 29       | 58    | 29.0             | 0.0                | 0.0     |              |
| 1970 | 30              | 30       | 60    | 30.0             | 0.0                | 0.0     |              |
| 1971 | 31              | 31       | 62    | 31.0             | 0.0                | 0.0     |              |
| 1972 | 32              | 32       | 64    | 32.0             | 0.0                | 0.0     |              |
| 1973 | 33              | 33       | 66    | 33.0             | 0.0                | 0.0     |              |
| 1974 | 34              | 34       | 68    | 34.0             | 0.0                | 0.0     |              |
| 1975 | 35              | 35       | 70    | 35.0             | 0.0                | 0.0     |              |
| 1976 | 36              | 36       | 72    | 36.0             | 0.0                | 0.0     |              |
| 1977 | 37              | 37       | 74    | 37.0             | 0.0                | 0.0     |              |
| 1978 | 38              | 38       | 76    | 38.0             | 0.0                | 0.0     |              |
| 1979 | 39              | 39       | 78    | 39.0             | 0.0                | 0.0     |              |
| 1980 | 40              | 40       | 80    | 40.0             | 0.0                | 0.0     |              |
| 1981 | 41              | 41       | 82    | 41.0             | 0.0                | 0.0     |              |
| 1982 | 42              | 42       | 84    | 42.0             | 0.0                | 0.0     |              |
| 1983 | 43              | 43       | 86    | 43.0             | 0.0                | 0.0     |              |
| 1984 | 44              | 44       | 88    | 44.0             | 0.0                | 0.0     |              |
| 1985 | 45              | 45       | 90    | 45.0             | 0.0                | 0.0     |              |
| 1986 | 46              | 46       | 92    | 46.0             | 0.0                | 0.0     |              |
| 1987 | 47              | 47       | 94    | 47.0             | 0.0                | 0.0     |              |
| 1988 | 48              | 48       | 96    | 48.0             | 0.0                | 0.0     |              |
| 1989 | 49              | 49       | 98    | 49.0             | 0.0                | 0.0     |              |
| 1990 | 50              | 50       | 100   | 50.0             | 0.0                | 0.0     |              |



TABLE V.

Showing the Causes of Death during the year ending 16th June 1902, with Ages at Death.

|                                      | 15-20 |    | 20-25 |    | 25-30 |    | 35-40 |    | 40-45 |    | 45-50 |    | 50-55 |    | 55-60 |    | 60-65 |    | 65-70 |    | 70-75 |    | 75-80 |    | 80-85 |    | TOTAL. |    |   |
|--------------------------------------|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|--------|----|---|
|                                      | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.     | F. |   |
| <b>Cerebral and Spinal Diseases—</b> |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |        |    |   |
| Epilepsy ... ..                      | 1     |    |       |    | 1     |    | 1     | 1  | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    | 1     |    |       |    | 4      | 1  |   |
| Apoplexy ... ..                      |       |    |       |    |       |    | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 1      | 0  |   |
| Cerebral Haemorrhage ... ..          |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 2  |   |
| Paralysis ... ..                     |       |    |       |    |       |    |       |    | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 1      | 4  |   |
| General Paralysis of the Insane      |       |    |       |    |       |    | 1     | 1  | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 4      | 1  |   |
| Organic Brain Disease ... ..         |       |    |       |    |       |    |       |    |       |    |       |    | 1     |    | 1     | 2  |       |    |       |    |       |    |       |    |       |    | 2      | 2  |   |
| <b>Thoracic Diseases—</b>            |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |        |    |   |
| Phthisis Pulmonalis ... ..           |       |    |       |    |       |    | 1     |    | 1     | 2  | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 3      | 2  |   |
| Pneumonia ... ..                     |       |    |       |    |       |    |       | 1  |       |    | 1     |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 2      | 1  |   |
| Cardiac Disease ... ..               |       |    |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 3      | 3  |   |
| Chronic Bronchitis ... ..            |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 1     |    |       |    |       |    |       |    |       |    |       |    | 2      | 1  |   |
| Hydrothorax ... ..                   |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       | 1  |       |    | 1      | 0  |   |
| <b>Abdominal Diseases—</b>           |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |        |    |   |
| Tubercular Peritonitis ... ..        |       |    |       |    |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| Chronic Enteritis ... ..             |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| Diarrhoea ... ..                     |       |    |       |    |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| Exhaustion from Gastric Fistula      |       |    |       |    |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| <b>General Diseases—</b>             |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |        |    |   |
| Senile Decay ... ..                  |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |        | 2  | 3 |
| Do. and Heart Disease                |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 1      | 0  |   |
| Septicæmia Puerperal ... ..          |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| Suffocation during Epileptic Fit     |       |    |       |    |       |    |       |    |       | 1  |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 1      | 0  |   |
| Carcinoma ... ..                     |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
| Exhaustion from Mania ... ..         |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    | 0      | 1  |   |
|                                      | 1     | 0  | 1     | 0  | 1     | 1  | 4     | 3  | 4     | 4  | 2     | 2  | 3     | 4  | 2     | 3  | 4     | 1  | 1     | 1  | 1     | 4  | 2     | 0  | 1     | 1  | 27     | 27 |   |

TABLE VI.

Showing the length of Residence of those discharged Recovered, and of those who have Died during the year ending 16th June 1902.

|                                 | LENGTH OF RESIDENCE. | RECOVERED. |    |    | DIED. |    |    |
|---------------------------------|----------------------|------------|----|----|-------|----|----|
|                                 |                      | M.         | F. | T. | M.    | F. | T. |
|                                 |                      |            |    |    |       |    |    |
| Within 1 week                   | ...                  | 0          | 0  | 0  | 0     | 0  | 0  |
| " 1 fortnight                   | ...                  | 0          | 0  | 0  | 3     | 1  | 4  |
| " 1 month                       | ...                  | 0          | 0  | 0  | 1     | 3  | 4  |
| Over 1 month and under 3 months | ...                  | 0          | 5  | 5  | 4     | 7  | 11 |
| 3 months and " 6 months         | ...                  | 6          | 7  | 13 | 0     | 5  | 5  |
| " 6 " " 9 "                     | ...                  | 3          | 5  | 8  | 1     | 1  | 2  |
| " 9 " " 12 "                    | ...                  | 1          | 2  | 3  | 2     | 0  | 2  |
| " 1 year and under 2 years      | ...                  | 3          | 4  | 7  | 2     | 5  | 7  |
| 2 years " 3 "                   | ...                  | 1          | 1  | 2  | 2     | 0  | 2  |
| " 3 " " 4 "                     | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| " 4 " " 5 "                     | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| " 5 " " 6 "                     | ...                  | 0          | 0  | 0  | 1     | 1  | 2  |
| " 6 " " 7 "                     | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| " 7 " " 8 "                     | ...                  | 0          | 0  | 0  | 1     | 2  | 3  |
| " 8 " " 9 "                     | ...                  | 0          | 0  | 0  | 0     | 0  | 0  |
| " 9 " " 10 "                    | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| " 10 " " 12 "                   | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| " 12 " " 13 "                   | ...                  | 0          | 0  | 0  | 2     | 0  | 2  |
| " 13 " " 15 "                   | ...                  | 0          | 0  | 0  | 1     | 1  | 2  |
| " 14 " " 34 "                   | ...                  | 0          | 0  | 0  | 2     | 0  | 2  |
| " 33 " " 45 "                   | ...                  | 0          | 0  | 0  | 0     | 1  | 1  |
| " 44 " " 52 "                   | ...                  | 0          | 0  | 0  | 1     | 6  | 7  |
| " 51 " " "                      | ...                  | 0          | 0  | 0  | 1     | 0  | 1  |
| Totals                          | ...                  | 14         | 24 | 38 | 27    | 27 | 54 |



TABLE VII.

*Showing the Duration of the Disorder on admission in the Admissions, Discharges, and Deaths during the Year 1901-1902.*

| CLASS.                                                                                   | THE ADMISSIONS. |    |     | THE DISCHARGES. |    |    |                                |    |    | THE DEATHS. |    |    |
|------------------------------------------------------------------------------------------|-----------------|----|-----|-----------------|----|----|--------------------------------|----|----|-------------|----|----|
|                                                                                          | M.              | F. | T.  | Recovered.      |    |    | Removed Relieved or otherwise. |    |    | M.          | F. | T. |
|                                                                                          |                 |    |     | M.              | F. | T. | M.                             | F. | T. |             |    |    |
| First Class—<br>First Attack, and within Three Months<br>on admission ... ..             | 39              | 53 | 92  | 5               | 8  | 13 | 7                              | 3  | 10 | 4           | 13 | 17 |
| Second Class—<br>First Attack, above Three and within<br>Twelve Months on Admission ...  | 6               | 3  | 9   | 1               | 0  | 1  | 0                              | 0  | 0  | 1           | 1  | 2  |
| Third Class—<br>Not First Attack, and within Twelve<br>Months on admission ... ..        | 9               | 18 | 27  | 1               | 3  | 4  | 0                              | 0  | 0  | 1           | 0  | 1  |
| Fourth Class—<br>First Attack or not, but of more than<br>Twelve Months on admission ... | 5               | 6  | 11  | 0               | 0  | 0  | 0                              | 0  | 0  | 4           | 1  | 5  |
| Fifth Class—<br>Congenital ... ..                                                        | 0               | 0  | 0   | 0               | 0  | 0  | 0                              | 0  | 0  | 0           | 0  | 0  |
| Totals ... ..                                                                            | 59              | 80 | 139 | 7               | 11 | 18 | 7                              | 3  | 10 | 10          | 15 | 25 |



TABLE VIII.  
*Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1901-1902, and of those remaining on 16th June 1902.*

| AGES.                       | ADMISSIONS. |     |     | RECOVERIES. |     |     | DEATHS. |     |     | PATIENTS RESIDENT, 16TH JUNE 1902. |     |     | DISCHARGED RELIEVED. |     |     | DISCHARGED NOT IMPROVED. |     |     |
|-----------------------------|-------------|-----|-----|-------------|-----|-----|---------|-----|-----|------------------------------------|-----|-----|----------------------|-----|-----|--------------------------|-----|-----|
|                             | M.          | F.  | T.  | M.          | F.  | T.  | M.      | F.  | T.  | M.                                 | F.  | T.  | M.                   | F.  | T.  | M.                       | F.  | T.  |
| 10 years and under 15 years | 1           | ... | 1   | 1           | ... | 1   | ..      | ... | 1   | ...                                | 1   | ... | ...                  | ... | ... | ...                      | ... | ... |
| 15 "                        | 3           | 1   | 4   | 2           | ... | 2   | 1       | ... | 1   | ...                                | 2   | 3   | ...                  | ... | ... | ...                      | ... | ... |
| 20 "                        | 9           | 6   | 15  | 2           | 2   | 4   | 1       | 1   | 10  | 8                                  | 18  | ... | ...                  | ... | ... | ...                      | ... | ... |
| 25 "                        | 4           | 5   | 9   | ...         | 5   | 5   | 1       | 2   | 10  | 14                                 | 24  | 3   | 3                    | ... | ... | ...                      | ... | ... |
| 30 "                        | 4           | 5   | 9   | 2           | 3   | 5   | ...     | ... | 22  | 24                                 | 46  | 2   | 1                    | 3   | 3   | ...                      | ... | ... |
| 35 "                        | 10          | 8   | 18  | 2           | 1   | 3   | 4       | 2   | 19  | 31                                 | 50  | 2   | 2                    | 4   | 4   | 1                        | ... | 1   |
| 40 "                        | 6           | 8   | 14  | 2           | 1   | 3   | 4       | 3   | 20  | 29                                 | 49  | 2   | 2                    | 3   | 3   | ...                      | ... | ... |
| 45 "                        | 5           | 14  | 19  | 1           | 5   | 6   | 2       | 3   | 29  | 34                                 | 63  | ... | 6                    | 6   | 6   | ...                      | 1   | 1   |
| 50 "                        | 4           | 7   | 11  | 2           | 4   | 6   | 3       | 4   | 15  | 34                                 | 49  | 2   | 2                    | 4   | 4   | ...                      | ... | ... |
| 55 "                        | 4           | 10  | 14  | ...         | 1   | 1   | 2       | 3   | 19  | 28                                 | 47  | 3   | 2                    | 5   | 5   | ...                      | ... | ... |
| 60 "                        | 5           | 6   | 11  | ...         | 1   | 1   | 4       | 4   | 13  | 18                                 | 31  | ... | 3                    | 3   | 3   | ...                      | ... | ... |
| 65 "                        | 2           | 4   | 6   | ...         | 1   | 1   | ..      | 2   | 6   | 14                                 | 20  | ... | 3                    | 3   | 3   | ...                      | ... | ... |
| 70 "                        | 1           | 4   | 5   | ...         | ... | ... | 1       | 3   | 3   | 5                                  | 8   | ... | 2                    | 2   | 2   | ...                      | 1   | 1   |
| 75 "                        | 1           | 2   | 3   | ...         | ... | ... | 3       | 1   | 4   | 4                                  | 8   | ... | ...                  | ... | ... | ...                      | ... | ... |
| 80 "                        | ...         | ... | ... | ...         | ... | ... | 1       | 1   | 1   | 1                                  | 2   | ... | ...                  | ... | ... | ...                      | ... | ... |
| 85 "                        | ...         | ... | ... | ...         | ... | ... | ...     | ... | ... | ...                                | ... | ... | ...                  | ... | ... | ...                      | ... | ... |
| Totals                      | 59          | 80  | 139 | 14          | 24  | 38  | 27      | 27  | 173 | 246                                | 419 | 15  | 22                   | 37  | 1   | 2                        | 3   |     |

TABLE IX.

*Showing the Condition as to Marriage on the Admissions, Recoveries, and Deaths during the Year 1901-1902, and of the Patients resident on 16th June 1902.*

| CONDITION IN REFERENCE TO MARRIAGE. | ADMISSIONS. |    |     | RECOVERIES. |    |    | DEATHS. |     |     | PATIENTS RESIDENT, 16th June 1902. |     |     | DISCHARGED RELIEVED. |     |     | DISCHARGED NOT IMPROVED. |     |     |
|-------------------------------------|-------------|----|-----|-------------|----|----|---------|-----|-----|------------------------------------|-----|-----|----------------------|-----|-----|--------------------------|-----|-----|
|                                     | M.          | F. | T.  | M.          | F. | T. | M.      | F.  | T.  | M.                                 | F.  | T.  | M.                   | F.  | T.  | M.                       | F.  | T.  |
| Single ...                          | 34          | 27 | 61  | 8           | 9  | 17 | 15      | 9   | 24  | 98                                 | 142 | 240 | 10                   | 8   | 18  | 1                        | ... | 1   |
| Married ...                         | 19          | 35 | 54  | 5           | 12 | 17 | 7       | 8   | 15  | 53                                 | 73  | 126 | 4                    | 9   | 13  | ...                      | ... | ... |
| Widowed ...                         | 6           | 17 | 23  | 1           | 2  | 3  | 5       | 10  | 15  | 22                                 | 31  | 53  | 1                    | 5   | 6   | ...                      | 2   | 2   |
| Divorced ...                        | ...         | 1  | 1   | ...         | 1  | 1  | ...     | ... | ... | ...                                | ... | ... | ...                  | ... | ... | ...                      | ... | ... |
| Totals ...                          | 59          | 80 | 139 | 14          | 24 | 38 | 27      | 27  | 54  | 173                                | 246 | 419 | 15                   | 22  | 37  | 1                        | 2   | 3   |



TABLE X.

Showing the probable Causes of Insanity in the Patients admitted during the Year 1901-1902.

| CAUSES.                                    | NUMBER OF INSTANCES IN WHICH EACH CAUSE WAS ASSIGNED. |     |     |                    |     |     |        |     |     |  |
|--------------------------------------------|-------------------------------------------------------|-----|-----|--------------------|-----|-----|--------|-----|-----|--|
|                                            | As Predisposing Cause.                                |     |     | As Exciting Cause. |     |     | TOTAL. |     |     |  |
|                                            | M.                                                    | F.  | T.  | M.                 | F.  | T.  | M.     | F.  | T.  |  |
| <b>MORAL—</b>                              |                                                       |     |     |                    |     |     |        |     |     |  |
| Domestic trouble ... ..                    | 2                                                     | 1   | 3   | 1                  | 4   | 5   | 3      | 5   | 8   |  |
| Adverse circumstances ... ..               | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Mental anxiety, worry, and overwork ... .. | 4                                                     | 1   | 5   | 6                  | 9   | 15  | 10     | 10  | 20  |  |
| Religious excitement ... ..                | 1                                                     | 1   | 2   | ...                | 4   | 4   | 1      | 5   | 6   |  |
| Love affairs ... ..                        | ...                                                   | 2   | 2   | ...                | 5   | 5   | ...    | 7   | 7   |  |
| Bereavement ... ..                         | 3                                                     | ..  | 3   | 1                  | ... | 1   | 4      | ... | 4   |  |
| <b>PHYSICAL—</b>                           |                                                       |     |     |                    |     |     |        |     |     |  |
| Drink ... ..                               | 8                                                     | 11  | 19  | 19                 | 9   | 28  | 27     | 20  | 47  |  |
| Sexual intemperance ... ..                 | ...                                                   | ... | ..  | 1                  | ... | 1   | 1      | ... | 1   |  |
| Over-exertion or exposure ... ..           | ...                                                   | ... | ... | 1                  | ... | 1   | 1      | ... | 1   |  |
| Venereal disease ... ..                    | 1                                                     | 1   | 2   | ...                | ... | ... | 1      | 1   | 2   |  |
| Self-abuse ... ..                          | 1                                                     | ... | 1   | 1                  | ... | 1   | 2      | ... | 2   |  |
| Sunstroke ... ..                           | ...                                                   | ... | ... | 1                  | ... | 1   | 1      | ... | 1   |  |
| Pregnancy ... ..                           | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Parturition and puerperal state ... ..     | ...                                                   | 2   | 2   | ...                | 3   | 3   | ...    | 5   | 5   |  |
| Lactation ... ..                           | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Uterine and ovarian disorders ... ..       | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Puberty and adolescence ... ..             | ...                                                   | ... | ... | 2                  | ... | 2   | 2      | ... | 2   |  |
| Change of life ... ..                      | ...                                                   | 4   | 4   | 1                  | 6   | 7   | 1      | 10  | 11  |  |
| Old age ... ..                             | 2                                                     | 7   | 9   | 1                  | 2   | 3   | 3      | 9   | 12  |  |
| Fevers ... ..                              | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Cerebral disease ... ..                    | 1                                                     | 1   | 2   | 7                  | 7   | 14  | 8      | 8   | 16  |  |
| Epilepsy ... ..                            | 1                                                     | ... | 1   | 2                  | ... | 2   | 3      | ... | 3   |  |
| Phthisis ... ..                            | ...                                                   | 2   | 2   | ...                | 3   | 3   | ...    | 5   | 5   |  |
| Privation and starvation ... ..            | 1                                                     | 1   | 2   | 1                  | ... | 1   | 2      | 1   | 3   |  |
| Other bodily diseases—                     |                                                       |     |     |                    |     |     |        |     |     |  |
| Severe Burn ... ..                         | ...                                                   | ... | ..  | ..                 | 1   | 1   | ...    | 1   | 1   |  |
| Erysipelas ... ..                          | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Heredity ... ..                            | 6                                                     | 5   | 11  | ...                | 1   | 1   | 6      | 6   | 12  |  |
| Previous attacks ... ..                    | 7                                                     | 19  | 26  | 2                  | 3   | 5   | 9      | 22  | 31  |  |
| Congenital defect ... ..                   | 1                                                     | 1   | 2   | ...                | 1   | 1   | 1      | 2   | 3   |  |
| Unknown ... ..                             | 3                                                     | 1   | 4   | 7                  | 1   | 8   | 10     | 2   | 12  |  |
| Fright ... ..                              | ...                                                   | ... | ... | ...                | ... | ... | ...    | ... | ... |  |
| Influenza ... ..                           | ...                                                   | 2   | 2   | 1                  | 5   | 6   | 1      | 7   | 8   |  |
| Frail Physical Health ... ..               | 12                                                    | 18  | 30  | 2                  | 16  | 18  | 14     | 34  | 48  |  |
| Excess in Medicine ... ..                  | ...                                                   | ... | ... | 1                  | ... | 1   | 1      | ... | 1   |  |
| Injury to Head ... ..                      | ...                                                   | ... | ... | 1                  | ... | 1   | 1      | ... | 1   |  |
| Mental Weakness ... ..                     | 5                                                     | ... | 5   | ...                | ... | ... | 5      | ... | 5   |  |
| Totals ... ..                              | 59                                                    | 80  | 139 | 59                 | 80  | 139 | 118    | 160 | 278 |  |

Showing the form of Mental Disorder on Admission in the Asylums, Recoveries, and Deaths in the Year 1901-1902, and the form of Mental Disorder of the Inmates on 16th June 1902.

| FORM OF MENTAL DISORDER. | ADMISSIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |     | RECOVERIES. |     |     | DEATHS. |     |     | REMAINING IN ASYLUM.<br>Form of Disorder,<br>16th June 1902. |     |     | DISCHARGED<br>RELIEVED. |     |     | DISCHARGED<br>NOT IMPROVED. |     |     |     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------|-----|-----|---------|-----|-----|--------------------------------------------------------------|-----|-----|-------------------------|-----|-----|-----------------------------|-----|-----|-----|
|                          | M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | F.  | T.  | M.          | F.  | T.  | M.      | F.  | T.  | M.                                                           | F.  | T.  | M.                      | F.  | T.  | M.                          | F.  | T.  |     |
|                          | Congenital or Infantile Mental Deficiency—<br>a. with Epilepsy ...<br>b. without Epilepsy ...<br>General Paralysis of Insane ...<br>Mania—Acute ..<br>Chronic ...<br>Recurrent ...<br>Epileptic ...<br>Senile ...<br>Puerperal ...<br>à Potu ...<br>Hysterical ...<br>Melancholia—Simple ...<br>Suicidal ...<br>Delusional ...<br>Resistive ...<br>Recurrent ...<br>Religious ...<br>Hypochondriacal ...<br>Dementia—Primary ...<br>Senile ...<br>Paralytic or Organic ...<br>Epileptic ...<br>Stuporose ...<br>Alcoholic ...<br>Secondary ...<br>Monomania ...<br>Moral Insanity ..<br>Circular .. | ... | 1   | ...         | ... | ... | 1       | ... | ... | 1                                                            | ... | ... | ...                     | ... | ... | ...                         | ... | ... | ... |
| Totals                   | 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80  | 139 | 14          | 24  | 38  | 27      | 27  | 54  | 173                                                          | 246 | 419 | 15                      | 22  | 37  | 1                           | 2   | 3   |     |



TABLE XII.

*Showing station or occupation of cases admitted during year 1901-1902.*

## MALES—(59).

|                        |    |                         |   |
|------------------------|----|-------------------------|---|
| Millworkers ... ..     | 7  | Spirit Dealer ... ..    | 1 |
| Labourers ... ..       | 16 | Butcher ... ..          | 1 |
| Tailor ... ..          | 1  | Glazier ... ..          | 1 |
| Calendar Worker ... .. | 1  | Message Boy ... ..      | 1 |
| Heckler ... ..         | 1  | Bakers ... ..           | 2 |
| Bootmakers ... ..      | 2  | Slater ... ..           | 1 |
| Mechanic ... ..        | 1  | Teacher ... ..          | 1 |
| Engine Cleaner ... ..  | 1  | Commission Agent ... .. | 1 |
| Marine Engineer ... .. | 1  | Benchman ... ..         | 1 |
| Marine Fireman ... ..  | 1  | Gardener ... ..         | 1 |
| Turners ... ..         | 2  | Miner ... ..            | 1 |
| Storekeeper ... ..     | 1  | Joiner ... ..           | 1 |
| Licensed Grocer ... .. | 1  | No occupation ... ..    | 1 |
| Grocers ... ..         | 3  | Clerks ... ..           | 5 |
| Jute Cutter ... ..     | 1  |                         |   |

## FEMALES—(80).

|                            |    |                             |   |
|----------------------------|----|-----------------------------|---|
| Barmaid ... ..             | 1  | Hawker ... ..               | 1 |
| Washerwoman ... ..         | 1  | Domestic Servants ... ..    | 7 |
| Milliner ... ..            | 1  | Wife of Sawmiller ... ..    | 1 |
| Wife of Fireman ... ..     | 2  | Wife of Postman ... ..      | 1 |
| Wife of Tailor ... ..      | 1  | Wife of Labourer ... ..     | 2 |
| Housekeepers ... ..        | 8  | Wife of Engineer ... ..     | 1 |
| Wife of Soldier ... ..     | 1  | Retired Egg Merchant ... .. | 1 |
| Wife of Draper ... ..      | 2  | Wife of Traveller ... ..    | 1 |
| Winders ... ..             | 4  | Wife of Seaman ... ..       | 1 |
| Wife of Butcher ... ..     | 1  | Preparer ... ..             | 1 |
| Steamloom Weavers ... ..   | 7  | Wife of Mechanic ... ..     | 1 |
| Millworkers ... ..         | 12 | Wife of Ploughman ... ..    | 1 |
| Wife of Joiner ... ..      | 2  | Wife of Mill Foreman ... .. | 1 |
| Wife of Shop Porter ... .. | 1  | Wife of Sea Captain ... ..  | 3 |
| Spinners ... ..            | 4  | Wife of Shoemaker ... ..    | 1 |
| Matron of Hospital ... ..  | 1  | Wife of Scavenger ... ..    | 2 |
| Cook ... ..                | 1  | No occupation ... ..        | 3 |
| Hotel-keeper ... ..        | 1  |                             |   |

TABLE XIII.—*The times of the Patients' Death after their admission into the Asylum from the Opening of the Institution to June 16, 1902.*

| TIMES OF DEATH. |     |     |     |     | Males. | Females. | TOTAL. |
|-----------------|-----|-----|-----|-----|--------|----------|--------|
| Within 1 week   | ... | ... | ... | ... | 8      | 7        | 15     |
| " 1 fortnight   | ... | ... | ... | ... | 50     | 47       | 97     |
| " 1 month       | ... | ... | ... | ... | 49     | 25       | 74     |
| " 3 months      | ... | ... | ... | ... | 85     | 71       | 156    |
| " 6 "           | ... | ... | ... | ... | 77     | 55       | 132    |
| " 9 "           | ... | ... | ... | ... | 47     | 32       | 79     |
| " 1 year        | ... | ... | ... | ... | 50     | 34       | 84     |
| " 2 years       | ... | ... | ... | ... | 145    | 87       | 232    |
| " 3 "           | ... | ... | ... | ... | 70     | 65       | 135    |
| " 4 "           | ... | ... | ... | ... | 42     | 39       | 81     |
| " 5 "           | ... | ... | ... | ... | 30     | 28       | 58     |
| " 6 "           | ... | ... | ... | ... | 31     | 14       | 45     |
| " 7 "           | ... | ... | ... | ... | 20     | 14       | 34     |
| " 8 "           | ... | ... | ... | ... | 10     | 18       | 28     |
| " 9 "           | ... | ... | ... | ... | 9      | 14       | 23     |
| " 10 "          | ... | ... | ... | ... | 9      | 5        | 14     |
| " 11 "          | ... | ... | ... | ... | 7      | 6        | 13     |
| " 12 "          | ... | ... | ... | ... | 9      | 9        | 18     |
| " 13 "          | ... | ... | ... | ... | 7      | 11       | 18     |
| " 14 "          | ... | ... | ... | ... | 8      | 6        | 14     |
| " 15 "          | ... | ... | ... | ... | 8      | 4        | 12     |
| " 16 "          | ... | ... | ... | ... | 8      | 2        | 10     |
| " 17 "          | ... | ... | ... | ... | 3      | 4        | 7      |
| " 18 "          | ... | ... | ... | ... | 7      | 6        | 13     |
| " 19 "          | ... | ... | ... | ... | 9      | 2        | 11     |
| " 20 "          | ... | ... | ... | ... | 3      | 1        | 4      |
| " 21 "          | ... | ... | ... | ... | 2      | 4        | 6      |
| " 22 "          | ... | ... | ... | ... | 2      | 3        | 5      |
| " 23 "          | ... | ... | ... | ... | 2      | 3        | 5      |
| " 24 "          | ... | ... | ... | ... | 2      | 1        | 3      |
| " 25 "          | ... | ... | ... | ... | 1      | 4        | 5      |
| " 26 "          | ... | ... | ... | ... | 3      | 1        | 4      |
| " 27 "          | ... | ... | ... | ... | 1      | 4        | 5      |
| " 28 "          | ... | ... | ... | ... | 1      | 2        | 3      |
| " 29 "          | ... | ... | ... | ... | 4      | 1        | 5      |
| " 30 "          | ... | ... | ... | ... | 3      | 4        | 7      |
| " 31 "          | ... | ... | ... | ... | 0      | 1        | 1      |
| " 32 "          | ... | ... | ... | ... | 3      | 3        | 6      |
| " 33 "          | ... | ... | ... | ... | 1      | 2        | 3      |
| " 34 "          | ... | ... | ... | ... | 1      | 3        | 4      |
| " 35 "          | ... | ... | ... | ... | 2      | 1        | 3      |
| " 36 "          | ... | ... | ... | ... | 1      | 2        | 3      |
| " 37 "          | ... | ... | ... | ... | 0      | 0        | 0      |
| " 38 "          | ... | ... | ... | ... | 0      | 0        | 0      |
| " 39 "          | ... | ... | ... | ... | 2      | 3        | 5      |
| " 40 "          | ... | ... | ... | ... | 0      | 0        | 0      |
| " 41 "          | ... | ... | ... | ... | 2      | 0        | 2      |
| " 42 "          | ... | ... | ... | ... | 0      | 0        | 0      |
| " 43 "          | ... | ... | ... | ... | 1      | 0        | 1      |
| " 44 "          | ... | ... | ... | ... | 0      | 2        | 2      |
| " 45 "          | ... | ... | ... | ... | 2      | 0        | 2      |
| " 47 "          | ... | ... | ... | ... | 1      | 0        | 1      |
| " 49 "          | ... | ... | ... | ... | 1      | 1        | 2      |
| " 52 "          | ... | ... | ... | ... | 1      | 1        | 2      |
| " 57 "          | ... | ... | ... | ... | 0      | 1        | 1      |
| " 60 "          | ... | ... | ... | ... | 1      | 0        | 1      |
| TOTAL           |     |     |     |     | 841    | 655      | 1496   |



## Meteorological Tables.

| Week Ending | Daily Average Barometer. | Total Rainfall per Week. | DAILY AVERAGE TEMPERATURE. |          | DAYS ON WHICH WIND BLEW. |            |            |            |
|-------------|--------------------------|--------------------------|----------------------------|----------|--------------------------|------------|------------|------------|
|             |                          |                          | Maximum.                   | Minimum. | N. & to E.               | E. & to S. | S. & to W. | W. & to N. |
| 1901        | Inches.                  | Inches.                  | Degrees.                   | Degrees. | Days.                    | Days.      | Days.      | Days.      |
| June 27     | 29·836                   | 1·43                     | 64·00                      | 49·71    | ...                      | ...        | 3          | 4          |
| July 4      | 29·906                   | ·00                      | 63·57                      | 47·71    | 2                        | 4          | ...        | 1          |
| 11          | 29·944                   | ·06                      | 70·43                      | 53·43    | ...                      | 1          | 5          | 1          |
| 18          | 29·893                   | ·19                      | 69·29                      | 53·14    | ...                      | 1          | 5          | 1          |
| 25          | 29·707                   | ·28                      | 71·14                      | 57·71    | ...                      | 4          | 2          | 1          |
| Aug. 1      | 29·819                   | ·30                      | 71·00                      | 56·00    | 3                        | ...        | 4          | ...        |
| 8           | 29·683                   | ·25                      | 65·57                      | 50·86    | ...                      | ...        | 6          | 1          |
| 15          | 29·640                   | 1·96                     | 65·43                      | 55·29    | ...                      | 3          | 4          | ...        |
| 22          | 30·007                   | ·63                      | 65·29                      | 46·57    | ...                      | 1          | 6          | ...        |
| 29          | 29·606                   | ·65                      | 62·57                      | 49·71    | 2                        | ...        | 1          | 4          |
| Sept. 5     | 29·896                   | ·40                      | 59·57                      | 45·71    | 3                        | 2          | ...        | 2          |
| 12          | 29·730                   | ·72                      | 60·86                      | 51·57    | 1                        | 4          | 2          | ...        |
| 19          | 29·636                   | ·22                      | 58·43                      | 46·43    | 4                        | 2          | 1          | ...        |
| 26          | 29·506                   | ·625                     | 60·57                      | 50·57    | ...                      | 6          | 0          | 1          |
| Oct. 3      | 29·769                   | ·55                      | 57·30                      | 52·00    | ...                      | 2          | 5          | ...        |
| 10          | 29·379                   | ·295                     | 51·43                      | 39·57    | ...                      | ...        | 3          | 4          |
| 17          | 29·647                   | ·46                      | 50·14                      | 39·86    | 1                        | 1          | 5          | ...        |
| 24          | 29·506                   | ·47                      | 48·00                      | 37·71    | 2                        | 2          | 1          | 2          |
| 31          | 29·937                   | 1·00                     | 49·57                      | 41·14    | 1                        | 2          | 4          | ...        |
| Nov. 7      | 30·157                   | ·03                      | 48·86                      | 38·71    | 1                        | 3          | 3          | ...        |
| 14          | 29·560                   | 1·21                     | 46·14                      | 39·29    | 2                        | ...        | 2          | 3          |
| 21          | 29·576                   | ·45                      | 43·86                      | 35·29    | 1                        | ...        | 3          | 3          |
| 28          | 30·233                   | ·055                     | 39·29                      | 31·36    | 1                        | ...        | 4          | 2          |
| Dec. 5      | 29·921                   | ·015                     | 46·00                      | 38·86    | ...                      | ...        | 3          | 4          |
| 12          | 29·286                   | ·325                     | 40·57                      | 31·86    | 1                        | ...        | 3          | 3          |
| 19          | 29·351                   | ·675                     | 34·86                      | 29·86    | 4                        | ...        | 2          | 1          |
| 26          | 29·020                   | 1·72                     | 37·14                      | 32·43    | 3                        | 2          | ...        | 2          |
| 1902        |                          |                          |                            |          |                          |            |            |            |
| Jan. 2      | 29·064                   | 1·135                    | 40·71                      | 33·00    | ...                      | 1          | 4          | 2          |
| 9           | 29·714                   | ·295                     | 47·36                      | 39·14    | ...                      | ...        | 5          | 2          |
| 16          | 30·060                   | ·10                      | 39·71                      | 28·07    | ...                      | ...        | 1          | 6          |
| 23          | 29·917                   | ·14                      | 45·57                      | 38·14    | ...                      | 1          | 3          | 3          |
| 30          | 29·384                   | ·12                      | 36·00                      | 24·57    | 2                        | ...        | 2          | 3          |
| Feb. 6      | 30·191                   | ·08                      | 36·86                      | 29·00    | 3                        | 1          | 3          | ...        |
| 13          | 29·440                   | ·00                      | 32·86                      | 22·07    | 1                        | ...        | ...        | 6          |
| 20          | 29·879                   | ·025                     | 37·71                      | 26·86    | 2                        | 2          | 3          | ...        |
| 27          | 29·527                   | ·93                      | 41·14                      | 35·71    | ...                      | 6          | 1          | ...        |
| Mar. 6      | 29·564                   | ·61                      | 46·00                      | 37·29    | 1                        | 1          | 5          | ...        |
| 13          | 29·677                   | ·09                      | 47·00                      | 37·43    | 1                        | 2          | 2          | 2          |
| 20          | 29·506                   | ·22                      | 48·57                      | 36·57    | ...                      | ...        | 4          | 3          |
| 27          | 29·200                   | ·29                      | 42·57                      | 29·71    | 1                        | ...        | 3          | 3          |
| Apr. 3      | 29·443                   | ·29                      | 45·71                      | 33·43    | 1                        | ...        | 2          | 4          |
| 10          | 29·889                   | ·05                      | 46·43                      | 31·71    | 1                        | ...        | 2          | 4          |
| 17          | 29·693                   | 1·31                     | 48·57                      | 35·57    | 1                        | 2          | 4          | ...        |
| 24          | 29·589                   | ·33                      | 53·71                      | 41·57    | ...                      | 4          | 3          | ...        |
| May 1       | 29·911                   | ·15                      | 52·71                      | 37·00    | 2                        | 1          | 2          | 2          |
| 8           | 29·760                   | ·72                      | 50·50                      | 36·00    | 3                        | ...        | ...        | 4          |
| 15          | 29·801                   | ·185                     | 49·29                      | 35·86    | 3                        | ...        | 1          | 3          |
| 22          | 29·603                   | ·87                      | 49·14                      | 37·43    | 1                        | 1          | 1          | 4          |
| 29          | 29·761                   | ·11                      | 60·57                      | 45·43    | ...                      | ...        | 2          | 5          |
| June 5      | 29·820                   | ·57                      | 55·07                      | 44·86    | 4                        | 1          | 2          | ...        |
| 12          | 29·556                   | ·43                      | 56·57                      | 42·93    | 2                        | 2          | ...        | 3          |
| 9           | 29·673                   | ·35                      | 56·14                      | 45·29    | 5                        | 1          | ...        | 1          |

Copy of the Reports of the Commissioners in Lunacy  
on the Dundee Royal Lunatic Asylum.

DUNDEE ROYAL ASYLUM,  
7th and 8th November 1901.

There were on the 7th instant 419 patients on the registers of the Asylum. Of these, 1 is a voluntary inmate, 38 men and 46 women are private patients, and 137 males and 197 females are paupers. Since last visit, 1 male and 1 female have been transferred from the private to the pauper list, and 1 female from the pauper to the private list. Effect has been given to these changes in the above figures. One female pauper was absent on pass. The number resident is 418, all of whom were given in the course of the visit an opportunity of making any statement they desired.

The following changes in the population have taken place since 12th June 1901, the date of preceding report :—

|                        | Private Patients. |    | Pauper Patients. |    | Total. |
|------------------------|-------------------|----|------------------|----|--------|
|                        | M.                | F. | M.               | F. |        |
| Admitted ...           | 4                 | 4  | 21               | 21 | 50     |
| Discharged recovered   | 1                 | 2  | 5                | 6  | 14     |
| Discharged unrecovered | 3                 | 2  | 4                | 9  | 18     |
| Died ...               | 3                 | 1  | 6                | 4  | 14     |

During the period under review there has been a decrease of 5 in the number of private patients, and an increase of 9 in the number of paupers. The amount of vacant accommodation in this Asylum is large. It is understood that the Directors, in consideration of this fact, are not to renew the lease of Gray House. The main building and the new block for private patients, which is practically ready for occupation, can properly accommodate 486 patients, and as the number resident is 418, it will be evident that there are vacant beds for 68 patients. In view of the over-crowding in other Asylums, it is a matter of regret in the interests of the patients that advantage is not taken of the large margin of spare accommodation in this Asylum.

The deaths are registered as due to organic lesions of the brain and nervous diseases in 4 cases, to heart affections in 2 cases, to



senile decay in 2 cases, to tubercular diseases in 2 cases, and to cancer, pneumonia, chronic bronchitis and suffocation during an epileptic fit, each in 1 case. *Post mortem* examinations were made in 7 cases, or in 50 per cent. of the deaths. In the remaining 7 cases the consent of the relatives to an autopsy was withheld. The Pathological Journal containing the record of these examinations is well kept, and much valuable pathological work is done by Dr. Rorie and his staff. The manner in which the Case Books are kept and illustrated by excellent photographs is worthy of praise. The medical work of this Institution is of a high standard. Neither restraint nor seclusion has been resorted to in the treatment of any patient since 24th October 1889. The register of accidents contains 4 entries. They refer in 2 cases to fracture of the thigh bone, due in each instance to an accidental fall; in one case to a fracture of a rib and bruises on the face, due to illusage by an attendant; and in 1 case to suffocation during an epileptic fit. The patient, who slept in an observation dormitory, appears to have turned silently on his face during a fit unobserved. The death was the subject of enquiry by the Procurator Fiscal, and no blame was attributed to the attendant in charge. The facts in reference to the case of illusage by an attendant should have been reported to the Procurator Fiscal, especially as it is understood that the attendant acknowledged himself guilty of the assault. He was summarily dismissed. The number of patients who have escaped, and were absent for at least one night before being brought back, is 4.

It is satisfactory to report that the changes among the attendants and nurses have not been so numerous as formerly. 2 attendants and 6 nurses have resigned, 3 attendants have been dismissed, and 4 attendants and 6 nurses have been engaged. It will be seen from the following statement that the duration of service of the male staff is far more satisfactory than that on the female side:—

| Length of Service.  |        | Attendants. | Nurses. |
|---------------------|--------|-------------|---------|
| From 11 to 20 years | ...    | 5           | 0       |
| ” 6 ” 7 ”           | ...    | 2           | 2       |
| ” 2 ” 4 ”           | ...    | 3           | 10      |
| Over 1 year         | ... .. | 4           | 7       |
| Under 1 year        | ... .. | 6           | 10      |



The six members of the male staff who have been longest in the service of the Asylum are married men. If suitable cottages were provided for married attendants, the average duration of service among the male staff would be without doubt largely increased. The detached hospital is used as accommodation for nurses and servants. If it were trebled in size and converted into a comfortable nurses' home, the changes among the female staff would certainly be fewer, and an intelligent and capable class of nurses would be retained. From the fact that there are fifteen of the present staff who have obtained the certificate of proficiency in nursing granted by the Medico Psychological Association, it will be evident that the training and teaching of the attendants and nurses by Dr. Rorie and his assistants is attended with a large measure of success.

The condition of the patients was in all respects satisfactory, and the manifestations of excitement were fewer than at any previous visit. The clothing of both sexes was suitable for the season, and generally neat and tidy in appearance. The dinners served during the visit were liberal in amount, and favourable comments were voluntarily made as to the dietary by several patients. 11 men and 17 women were in bed. The number of epileptics is 26, of general paralytics 7, and of those under special observation on account of actual suicidal tendencies, 7. 22 male and 6 female private patients are induced to engage daily in useful work, and the number of paupers industrially employed is 91 men and 116 women.

All parts of the Asylum were found clean, bright, and in excellent order. Several sections of the male side have been repainted and repapered, and their appearance made cheerful and pleasing. The floors of the general bath and dressing-rooms have been laid with tiles, and the baths refitted with larger pipes and taps. As the filling and emptying of the baths now only takes a minute, each patient can have clean water, and yet the bathing operations are expeditiously accomplished. The reconstruction of the lavatories is completed, and their arrangements are in every way admirable. The condition of sheets and pillow-cases, especially on the male side, calls for unfavourable comment; they are not so clean as is desirable. It is understood that this state of matters is due to the



insufficient condition of the drying closets. It was demonstrated during the visit that sheets which had been for hours in these closets were only partially dry in the centre and quite wet at the edges. In these circumstances a weekly change in the under-clothing of both men and women, and of the bed linen, is not possible. It will be evident that no time should be lost in putting these drying closets into proper order. Porcelain tubs are gradually being substituted for the old wooden ones. A new and larger boiler has recently been erected in the boiler-house, and additions to the electric plant are about to be made in order to meet the requirements of the new private block. A pipe is in process of being laid to convey the sewage of the Asylum to the drainage system at Bullionfield Works. The fields which have been used for the disposal of the sewage by irrigation are too near the new building to render the continuance of the system satisfactory from a sanitary point of view.

The new private block is being comfortably and handsomely furnished, and its several departments have been equipped with arrangements of the best and most modern description. The accommodation throughout the building will provide for patients belonging to the upper and middle classes in a way which cannot fail to be conducive to their mental and bodily well-being. Extensive views of the surrounding scenery are obtained from all parts of the building. The laying out of the grounds and the planting of sheltering belts of trees are in progress.

The registers were examined, and found regularly and accurately kept.

(Signed)

JOHN FRASER,  
*Commissioner in Lunacy.*

DUNDEE ROYAL ASYLUM,  
5th March 1902.

The Asylum was last visited on the 7th November 1901. The following changes in the population have occurred since that date:—

|                      | Private Patients. |     | Pauper Patients. |     | Total. |
|----------------------|-------------------|-----|------------------|-----|--------|
|                      | M.                | F.  | M.               | F.  |        |
| On Register, 7th     |                   |     |                  |     |        |
| November 1901 -      | 38                | 46  | 137              | 197 | 418    |
| Admitted - -         | 6                 | 2   | 14               | 27  | 49     |
| Discharged recovered | ...               | ... | 2                | 9   | 11     |



|                          |    |     |     |     |     |
|--------------------------|----|-----|-----|-----|-----|
| Discharged unrecovered   | 1  | ... | 6   | 11  | 18  |
| Died - - -               | 3  | 2   | 9   | 13  | 27  |
| On Register at this date | 39 | 46  | 135 | 191 | 411 |

In the above figures effect has been given to the transference since last visit of 1 male patient from the private to the pauper list. There is a decrease of 9 pauper patients, and it is understood that there are about sixty vacant beds in the main portion of the Asylum. In the event of any failure in the negotiations for the proposed purchase of the Asylum by the Dundee District Lunacy Board, it would be desirable, if possible, to fill up this empty space with private patients at lower rates or with boarders from other lunacy districts.

The assigned causes of deaths are as follows:—Gross disease of the brain and nervous system, 8 cases; heart disease, 4 cases; pneumonia, 3 cases; senile decay, 3 cases; general paralysis, 2 cases; epilepsy, 2 cases; enteritis, 2 cases; and bronchitis, phthisis, and uterine disease, 1 case each. *Post mortem* examinations were made in 16 instances.

In accordance with the unvarying custom successfully pursued for many years in this Asylum, no patient has been subjected to any form of restraint or seclusion.

There are no entries in the Register of Accidents.

Four patients escaped and were absent for at least one night before being brought back.

Four attendants, 3 men and a woman, were dismissed, and 9 female attendants voluntarily resigned their service. Fourteen attendants, 4 men and 10 women, have been engaged.

Gowrie House, the new department for private patients paying the higher rates of board, is now occupied. The building, which is situated to the south of the main Asylum, commands an extensive view of the valley of the Tay. From the entrance hall, which is a capacious, handsomely decorated, and comfortably furnished apartment, entrance is obtained on either side to what are designated the "common rooms"—that on the ladies' side being in the form of a large drawing room, and that on the gentlemen's side being a combined billiard room and smoking room. From the



common room on the ladies' side access is obtained to a neatly furnished library and writing room, and to a small drawing room. There are in addition smaller parlours for single cases. On the gentlemen's side the arrangements are somewhat similar. The dining room, which occupies a central position, is elegantly finished in panelled wood, with an open wooden roof. The tables are small and separate, accommodating from 4 to 6 persons each. In the immediate vicinity of the dining room, and separated from it by a service room, is the kitchen, which is completely furnished with all the most modern appliances for cooking and other culinary operations. On the first, second, and third floors are the sleeping apartments, with in addition an ample supply of lavatories, bathrooms, and dressing rooms. The furnishings and fittings of all these rooms are elegant, and are, with one or two necessary exceptions, almost identical with those in use among sane people of the same class.

Apart from the agreeable effect of the interior decorations, the suppression of the appearance of methods for curtailing the liberty of the inmates, and of any features in the construction or fittings which might prominently suggest mechanical provision against mental irresponsibility, are the most striking and commendable characteristics of this excellent house.

The patients throughout the Asylum were, with the exception of a few of the women, quiet and orderly. Their general health appeared to be satisfactory, and their clothing was in good repair. The dinner consisted of scotch broth and suet pudding. The broth was good, but the pudding was somewhat insipid, and did not appear to be popular. The Asylum was in good order, clean, and properly heated and ventilated.

The medical care of the inmates, especially as regards the nursing of the sick, the bed treatment of the acute patients, and the medical record of the progress of all cases again attracted favourable attention.

The books and registers were examined, and were found correct.

(Signed)

JOHN MACPHERSON,

*Commissioner in Lunacy.*

Copy of the Report of Colonel RAIT, C.B., on the  
Dundee Royal Lunatic Asylum.

ASYLUM, WESTGREEN,  
22nd April 1902.

I visited the above Institution this afternoon. Number of patients reported—

|         |   |   |   |   |       |
|---------|---|---|---|---|-------|
| Private | - | - | - | - | 85    |
| Pauper  | - | - | - | - | 333   |
|         |   |   |   |   | <hr/> |
|         |   |   |   |   | 418   |
|         |   |   |   |   | <hr/> |

Of the pauper patients, 62 are chargeable to the County of Forfar, and remainder to Dundee.

I went over the recently erected "Gowrie House (the new block for private patients), which in design, furnishings, and fittings, seems admirably adapted for the purpose in view, although the close proximity of its site to that of the main building renders it somewhat doubtful whether it will present that attraction to higher class patients which it otherwise merits.

I also visited some of the day rooms and dormitories in the main building. The time of my visit might be deemed rather an inopportune one, as it was a very wet afternoon, and the patients could not get out of doors, and the spring cleaning going on at the same time, so it was a pretty severe test, but I could detect nothing to find fault with in the administrative arrangements.

Dr. Rorie reports that "since" the last visit of H.M. Commission there have been no deaths except from natural causes; one accident of no material consequence (from a patient slipping on the stairs); one escape, the patient recovered after four days' absence.

No patient under restraint or seclusion at date of my visit, in fact the Medical Superintendent states that there has been no instance for years of resort to this method.



I am given unofficially to understand, and in fact H.M. Commissioner's Report of the 5th ulto. bears this out, that negotiations are on foot for the transfer of this Institution from its present directorate to the Dundee District Lunacy Board, in which case due caution will have to be observed that the legitimate rights of the County of Forfar are in no way interfered with, and doubtless the Managers will take steps at the same time to conserve the rights of and their moral obligations to the existing officials.

(Signed)

ARTHUR RAIT,

*County Council Visitor for Forfarshire.*

## RATES OF BOARD.

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THE following are the present Rates of Board, subject, however, to such alterations as the Directors shall judge proper, 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 to be paid up for one quarter.

### I. FOR PRIVATE PATIENTS.

|              |   |   |   |                    |
|--------------|---|---|---|--------------------|
| First Class  | - | - | - | £40 0 0 per Annum. |
| Second Class | - | - | - | 60 0 0 „           |
| Third Class  | - | - | - | 90 0 0 „           |
| Fourth Class | - | - | - | 120 0 0 „          |
| Fifth Class  | - | - | - | 180 0 0 „          |

### II. FOR PAUPER PATIENTS (including Clothes, &c.), 12/6d. per week.

When a Patient is admitted, one Quarter's Board, as fixed by the Directors, shall be paid in advance to the Medical Superintendent, 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 case of paupers, shall be returned, except in special cases, to be judged of by the Committee of Management; 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.

The Patients shall have no claim to remuneration for work done.

Ladies and Gentlemen requiring the benefit of the Institution can be accommodated with commodious apartments in Gowrie House, the recently erected Private Asylum, apart from the other Patients, with a servant if required.



## DUNDEE ROYAL

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**F A R M    A N D**


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## CHARGE.

|                                              |     |        |             |
|----------------------------------------------|-----|--------|-------------|
| PRODUCE SUPPLIED TO ASYLUM—                  |     |        |             |
| 18,002 gallons Milk, @ 9d.                   | ... | £675   | 1 6         |
| 39 : 10 : 2 Potatoes, @ 40/-                 | ... | 79     | 1 0         |
| Green Vegetables                             | ... | 169    | 8 2         |
| Fruit ...                                    | ... | 66     | 12 0        |
| Keep of Horses (Carriage)                    | ... | 59     | 8 6         |
|                                              |     |        | <hr/>       |
|                                              |     |        | £1,049 11 2 |
| SUPPLIES TO GRIEVE, &C.—                     |     |        |             |
| Milk, 730 gallons, @ 9d. ...                 | ... | £27    | 7 6         |
| Vegetables and Potatoes                      | ... | 5      | 7 8         |
|                                              |     |        | <hr/>       |
|                                              |     |        | 32 15 2     |
| SALES—                                       |     |        |             |
| Cattle                                       | ... | £772   | 3 1         |
| Pigs ...                                     | ... | 372    | 12 3        |
| Wheat                                        | ... | 70     | 0 0         |
| Barley                                       | ... | 135    | 2 6         |
| Fruit                                        | ... | 11     | 14 11       |
| Rhubarb                                      | ... | 7      | 12 8        |
| Milk to Dr Rorie                             | ... | 4      | 16 6        |
|                                              |     |        | <hr/>       |
|                                              |     |        | 1,374 1 11  |
| RENT OF FOGGAGE ...                          | ... |        | 21 1 8      |
| STOCK AT CLOSE ...                           | ... | £1,946 | 2 8         |
| Add—Value of Wire Fencing spread over period | ... | 38     | 13 0        |
|                                              |     |        | <hr/>       |
|                                              |     |        | 1,984 15 8  |

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**£4,462 5 7**

## LUNATIC ASYLUM.

## GARDEN ACCOUNT.

## DISCHARGE.

|                                                  |     |     |      |        |    |            |
|--------------------------------------------------|-----|-----|------|--------|----|------------|
| Stock on hand as at 31st March 1901              | ... | ... | ...  | £1,946 | 12 | 1          |
| Rent of Whitelawston, less rent of Cottages, £20 | ... | ... | ...  | 280    | 0  | 0          |
| Rent of Pasture                                  | ... | ... | ...  | 6      | 0  | 0          |
| Cattle bought                                    | ... | ... | ...  | 615    | 12 | 6          |
| Pig do.                                          | ... | ... | ...  | 3      | 0  | 0          |
| Oats do.                                         | ... | ... | ...  | 34     | 5  | 8          |
| Straw do.                                        | ... | ... | ...  | 32     | 14 | 0          |
| Hay do.                                          | ... | ... | ...  | 2      | 11 | 0          |
| Potatoes do.                                     | ... | ... | ...  | 28     | 3  | 2          |
| Seeds, &c., do.                                  | ... | ... | ...  | 83     | 13 | 2          |
| Feeding Stuffs, Linseed Cake, &c.                | ... | ... | ...  | 162    | 10 | 0          |
| Barley Dust for Pigs                             | ... | ... | ...  | 27     | 17 | 0          |
| Bran                                             | ... | ... | ...  | 32     | 8  | 3          |
| Manure                                           | ... | ... | ...  | 113    | 1  | 9          |
| Mill Dust                                        | ... | ... | ...  | 14     | 12 | 11         |
| Saddler                                          | ... | ... | ...  | 16     | 0  | 5          |
| Blacksmith                                       | ... | ... | ...  | 21     | 18 | 5          |
| Ironmonger                                       | ... | ... | ...  | 6      | 15 | 4          |
| Joiner, Painter, and Mason                       | ... | ... | ...  | 15     | 16 | 8          |
| Repairs to Binder, &c.                           | ... | ... | ...  | 12     | 16 | 5          |
| Veterinary Surgeon                               | ... | ... | ...  | 7      | 13 | 6          |
| Coals                                            | ... | ... | ...  | 22     | 18 | 2          |
| WAGES—Cash                                       | ... | ... | £386 | 6      | 9  |            |
| Milk                                             | ... | ... | 27   | 7      | 6  |            |
| Vegetables and Potatoes                          | ... | ... | 5    | 7      | 8  |            |
| Meal                                             | ... | ... | 9    | 4      | 3  |            |
|                                                  |     |     |      |        |    | 428 6 2    |
| TAXES—Property Tax                               | ... | ... | £15  | 16     | 1  |            |
| Consolidated County Rates                        | ... | ... | 3    | 8      | 10 |            |
| Poor and School Rates                            | ... | ... | 13   | 0      | 0  |            |
|                                                  |     |     |      |        |    | 32 4 11    |
| Sundries                                         | ... | ... | ...  | 12     | 2  | 1          |
| Harvest Beer, &c.                                | ... | ... | ...  | 14     | 8  | 0          |
| Piggeries—Annual Charge                          | ... | ... | ...  | 17     | 10 | 0          |
| Pigs' Meat                                       | ... | ... | ...  | 30     | 0  | 0          |
| Interest on Capital                              | ... | ... | ...  | 100    | 0  | 0          |
| Light and Water                                  | ... | ... | ...  | 10     | 0  | 0          |
| Insurance                                        | ... | ... | ...  | 11     | 12 | 9          |
| Profit for year                                  | ... | ... | ...  | 319    | 1  | 3          |
|                                                  |     |     |      |        |    | £4,462 5 7 |

D. M'INTYRE, *Treasurer.*

DUNDEE, 9th June 1902.—Examined and found correct.

ROBERT C. THOMSON, *Auditor.*



