

Fifty-seventh annual report of the directors of the Dundee Royal Asylum for Lunatics : submitted, in terms of their charter, to a general meeting of the directors, 18th June, 1877 with the reports of the resident physician and treasurer of the institution.

Contributors

Dundee Royal Asylum for Lunatics.
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FIFTY-SEVENTH
ANNUAL REPORT

OF THE

DIRECTORS

OF THE

DUNDEE ROYAL ASYLUM

FOR

Lunatics,

SUBMITTED, IN TERMS OF THEIR CHARTER, TO A GENERAL

MEETING OF THE DIRECTORS, 18TH JUNE, 1877:

WITH THE

REPORTS OF THE RESIDENT PHYSICIAN

AND

TREASURER OF THE INSTITUTION.



DUNDEE:

PRINTED BY WINTER, DUNCAN & Co. CASTLE STREET.

1877.

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LECTURE NOTES

OF THE UNIVERSITY OF CHICAGO
PHYSICS DEPARTMENT

LECTURE NOTES
PHYSICS 309
BY
J. J. THORNTON

THE FOLLOWING ARE THE
DIRECTORS AND OFFICE-BEARERS

FOR THE CURRENT YEAR,
FROM JUNE, 1877, TO JUNE, 1878.

Chairman of the Directors.

SIR JOHN OGILVY of Inverquharity, Baronet.

EXTRAORDINARY DIRECTORS.

Ex Officiis.

1. The Right Honourable CLAUDE Earl of STRATHMORE and KINGHORNE,
Lord Lieutenant of the County.
2. J. W. BARCLAY, Esq., M.P. for the County, Aberdeen.
3. F. L. MAITLAND HERIOT, Esq. of Ramornie, Advocate, Sheriff of the
County.
4. JAMES YEAMAN, Esq., Merchant, Dundee,
5. EDWARD JENKINS, Esq., Barrister-at-Law, London, } M.P. for the Burgh.
6. The Moderator of the Synod of Angus and Mearns.

Directors for Life.

7. Sir JOHN OGILVY, Bart. of Inverquharity, Baldovan House.
8. WILLIAM THOMS, Esq., Magdalen Yard Road, Dundee.
9. GEORGE DUNCAN, Esq., The Vine, Magdalen Yard, Dundee.
10. The Right Honourable the Earl of STRATHMORE and KINGHORNE,
Glamis Castle.

ORDINARY DIRECTORS.

Ex Officiis.

11. Provost ROBERTSON, Dundee.
12. Bailie ROBERTSON, Dundee.
13. Dean of Guild LUKE.

1. Elected by Nine Incorporated Trades.

14. JAMES SHAW, Esq., Merchant, Dundee.
15. A. G. KIDD, Esq., King Street.
16. WILLIAM NICOLL, Esq., Shipowner.

2. By the Three Trades.

17. DAVID HEAN, Esq., 42 Magdalen Yard Road.

3. By the Guildry.

18. A. W. FAIRWEATHER, Esq., Meadowside.
19. PETER KERR, Esq., Bonnybank House.
20. CHARLES SCOTT, Esq., Kilburn Place, Newport.
21. HUGH BALLINGALL, Esq., 16 Gardner's Lane, for the *Maltmen Fraternity.*

4. *By the Seamen Fraternity.*

22. GEORGE WELCH, Esq., Shipowner, Dundee.

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

23. ALEXANDER HENRY, Esq., Murraygate.

6. *By the Kirk Session.*

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

7. *By the Presbytery.*

26. The Rev. JAMES NICOLL, of Murroes.
27. The Rev. JAMES COOPER, of St. Stephen's, Broughty Ferry.

8. *By the County.*

28. JOHN GUTHRIE of Guthrie, Esq.
29. Colonel R. H. A. OGILVY, Yr. of Baldovan.
30. JAMES NEISH of Laws, Esq.
31. G. D. CLAYHILLS HENDERSON of Invergowrie, Esq.

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

32. JAMES CUNNINGHAM, Esq., Royal Exchange Place.
33. JAMES CHRISTIE, Esq., M.D., Tay Square.
34. JOHN ADAM, Esq., Magdalen Place.
35. The Very Rev. Dean NICOLSON, No. 9 William Street, Forebank.
36. G. H. HILL, Esq., Nelson Street, Dundee.
37. GEORGE ROUGH, Esq., Osborne Place.
38. W. W. RENNY, Esq., Meadowside.
39. J. W. MILLER, Esq., M.D., Tay Street.

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Office-Bearers.

## COMMITTEE OF MANAGEMENT.

1. Sir JOHN OGILVY, Bart., *Chairman*.  
2. JAMES NEISH, Esq.  
3. WILLIAM THOMS, Esq.  
4. DAVID HEAN, Esq.  
5. JOHN ADAM, Esq.  
6. JAMES SHAW, Esq.

## HOUSE VISITORS.

1. JAMES CHRISTIE, Esq., M.D., to visit during July and October, 1877, and January and April, 1878.  
2. The Very Rev. Dean NICOLSON to visit during August and November, 1877, and February and March, 1878.  
3. The Rev. Dr GRANT to visit during September and December, 1877, and March and June, 1878.

# OFFICERS OF THE ASYLUM.

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## RESIDENT.

RESIDENT PHYSICIAN.

JAMES RORIE, M.D.

MATRON.

MISS BAYNE.

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## NON-RESIDENT.

CONSULTING PHYSICIAN.

MATTHEW NIMMO, SURGEON, AIRLIE PLACE.

TREASURER.


THOMAS NICHOLSON, 32 CASTLE STREET.

SECRETARY.

ROBERT C. WALKER, SOLICITOR, 12 EUCLID STREET.

CHAPLAIN.

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



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REPORT BY THE DIRECTORS  
OF THE  
DUNDEE ROYAL LUNATIC ASYLUM  
TO THE  
ANNUAL GENERAL COURT,  
JUNE, 1877.

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IN accordance with the terms of their Charter, the Directors of the Asylum have now to submit to their constituents and the public an account of their proceedings during the past year.

Their attention has necessarily been engaged in two directions: first, in the management of the present Asylum, and, secondly, in connection with the erection of the New Institution on West Green Estate. With reference to the New Asylum, it will be remembered, that at the date of last Annual Meeting the progress then made was—the purchase of the new site, the appointment of a Building Committee, the appointment of Messrs Edwards & Robertson as architects, and the preparation of the working plans of the new Building, which were then approaching completion.



The Directors have now to report that these plans having been completed, and having been carefully gone over and considered by the Building Committee, were finally approved of.

In consideration of the interest taken in the work by the Commissioners in Lunacy, and of the valuable advice and assistance rendered by them in the selection of a site for the New Asylum, it was further resolved that the plans should be submitted to the inspection of the General Board of Lunacy in Edinburgh. This was accordingly done. The Board expressed satisfaction with the plans, and suggested various improvements of a minor character, which were given effect to.

As stone suitable for building purposes was known to exist on the West Green property, the Architects were directed to have the rock laid bare, and to ascertain how far it could be made available in the erection of the New Asylum. Their report being favourable, and samples of rubble-work having been prepared, and inspected by the Committee, they were further instructed to complete their specifications and schedules and advertise for tenders. These have now been received, and are under the consideration of the Committee.

Arrangements have also been made with the tenant of a farm near West Green for the temporary cultivation of so much of the Estate as will not be required for the erection of the building.

While the Directors are thus able to indicate satisfactory progress in regard to the New Asylum, they have satisfaction in being able to report that the present Institution continues in a prosperous state. By referring to the accompanying accounts, it will be seen that while the income for the year has been £6898 3s. 4d., the expenditure has only been £6440 9s. 10d., leaving a balance of £457 13s. 6d. in favour of the Institution.



As will be seen from the Medical Report and accompanying tables, the number of patients admitted into the Institution and the total number under treatment during the past twelve months have considerably exceeded those of any previous year. The Institution has nevertheless been in a uniformly healthy condition; and the subjoined extracts from the Visiting Inspectors' Reports will show that it continues in a very efficient and satisfactory state.

Sir JAMES COXE visited the Asylum in September last year, and in referring to the changes in the population since the previous inspection of the house, testifies that "the mortality has been moderate, especially among the females, and the average age at death has been high, facts which bear testimony to the satisfactory manner in which the wants of the patients are supplied;" and that "in the manner of serving the food considerable improvement has been effected, as much perhaps as can be carried out in existing circumstances:" while Dr. MITCHELL, who paid his visit in January of the present year, reports that "an excellent and very well cooked dinner was served during the visit, and considerable improvement has taken place in the manner of serving the food, at some of the tables on the female side leaving little more to be desired;" and concludes his Report by remarking that "in view of the serious structural and situational defects of the Asylum, the general results of treatment, and the condition both of the inmates, and of the establishment itself, must be regarded as very satisfactory, and as reflecting credit on those concerned in its management." As the result of the inspection of the Asylum by the Committee of the District Lunacy Board, Dr. TRAILL, the District Inspector, reports that he "found everything in a most satisfactory state as regards cleanliness, thorough ventilation, and consequent freedom from bad smells.

The patients were tranquil, quiet, and comfortable, and no complaint from any of them. The temporary accommodation produced by converting the old weaving shops into dormitories was comfortable and cheerful."

In conclusion the Directors have to express their approbation at the faithful and diligent manner in which the officials, attendants, and servants continue to discharge their arduous and responsible duties; and particularly call attention to the case of ANN MURRAY, who for thirty-seven years filled the place of scullery maid, and to whom in consideration of her long and faithful services a yearly retiring allowance was granted on her resigning her situation, which however she did not long enjoy, as she died within a few months of leaving the Asylum.



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

*For the Year ending 31st March, 1877.*

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INCOME.

Board of Patients,	£6,725	11	7
Sum for preliminary Expenses connected with New Asylum, carried last year to Expendi- ture, and now brought back,			36 9 2
			£6,762 0 9

EXPENDITURE.

SALARIES—

Resident Physician,	£500	0	0
Matron,		100	0 0
Consulting Physician,		52	6 0
Chaplain,		50	0 0
Secretary,		50	0 0
Treasurer,		60	0 0
			£812 6 0
Less—Fees from Patients,		66	3 0
			£746 3 0
Interest,	£48	15	5
Servants' Wages,	834	13	8
Soap, &c.,	44	9	9
Taxes,	177	10	8
Advertising, &c.,	75	19	6
Coals and Firewood,	301	2	3
Fire Insurance,	18	7	3
Feu-duty,	102	4	6
Gas,	58	8	3
Incidents,	69	7	5
Patients' Extras,	40	2	0
			£1,771 0 8
Amounts carried forward,	£1,771	0	8
			£746 3 0

Amounts brought forward,	£1,771	0	8	£746	3	0
Straw,	44	0	3			
Butcher Meat,	834	4	3			
Butter,	247	12	3			
Beer and Ale,	108	14	0			
Bread,	697	6	3			
Barley and Pease,	48	19	0			
Cheese,	28	14	9			
Eggs, &c.,	13	19	11			
Fish,	14	14	1			
Groceries,	57	12	5			
Milk,	389	14	0			
Meal,	210	15	9			
Medicines,	60	1	6			
Potatoes, Vegetables, &c.,	36	5	5			
Sugar,	81	18	6			
Tea,	121	18	6			
Water,	64	9	0			
				4,832	0	6
Furniture,	£119	12	4			
Grounds,	45	13	6			
Gas Fittings,	11	6	9			
Mason Work,	26	1	3			
Plumber Work,	29	2	0			
Painter Work,	51	15	0			
Plaster Work,	6	19	10			
Slater Work,	15	18	6			
Smith Work,	17	0	6			
Wright Work,	84	9	0			
Ironmongery,	33	5	6			
Law Expenses,	8	15	8			
Store,	411	17	6			
				861	17	4
Total of Expenditure,				£6,440	0	10
Add—Excess of Income carried to Credit of Capital,				321	19	11
Equal to Income,				£6,762	0	9

THOS. NICHOLSON, *Treasurer.*

W. & D. MYLES, *Auditors.*

DUNDEE, 31st March, 1877.

ABSTRACT VIEW
OF THE
AFFAIRS
OF THE
DUNDEE ROYAL LUNATIC ASYLUM

From 1820 to 1877.

Amount of Income from 1821 to 1877,			£234,297 15 7½
Amount of Expenditure from 1820 to 1877,			215,906 0 1
			£18,391 15 6½
Excess of Income,			16,595 19 4½
Add—Donations and Legacies from 1820 to 1877,			£34,987 14 11
Add—Debts Due by Asylum on 31st March, 1877,		£972 3 10	
And proportion of Expen- diture, 1871, 1872, and 1873, treated as ame- liorations,		600 0 0	
		£1,572 3 10	
Deduct—Sum formerly written off for Depreciation of Buildings,		455 18 0	
			1,116 5 10
Total,			£36,104 0 9
Equal to Amount appearing at Debit of Property on General Balance Sheet,			£36,104 0 9

THOS. NICHOLSON, *Treasurer.*
W. & D. MYLES, *Auditors.*

DUNDEE, *March 31st, 1877.*

DUNDEE ROYAL LUNATIC ASYLUM.

BALANCE-SHEET ON 31st MARCH, 1877.

Dr.		Cr.
To PATIENTS:—		
Balance of Patients' Ledger,	£177 4 11	
FURNISHINGS:—		
For Private Patients,	42 15 9	
PROPERTY:—		
Standing against in Ledger,	36,104 0 9	
STOCK:—		
Of Clothing, Fuel, and Provisions,	392 16 10	
MATRON:—		
Due by her,	12 2 1	
	35,131 16 11	
By MORTIFICATIONS:—		
Sum at Credit,		£841 19 3
CAPITAL:—		
Value of Property as per Ledger,	£36,104 0 9	
DEDUCT:—		
Excess of Debts due by Asylum over those due to it,	972 3 10	
	35,131 16 11	
SUPERINTENDENT:—		
Due to him,		51 11 6
UNION BANK OF SCOTLAND:—		
Due to it,		597 10 0
DUNDEE POLICE COMMISSIONERS:—		
Due to them,		106 2 8
	£36,729 0 4	£36,729 0 4

Comparative Statement of Income and
For the Years ending 31st March,

I N C O M E.

	31st March, 1876.	Increase.	Decrease.	31st March, 1877.
Board of Patients, .	£6566 16 10	£158 14 9	...	£6725 11 7
Sum for Preliminary Expenses connect- ed with New Asy- lum, carried last year to Expen- diture, and now brought back, .	...	36 9 2	...	36 9 2
	£6566 16 10	£195 3 11	...	£6762 0 9
Increase of Income this year,				<u>£195 3 11</u>

Expenditure of the Dundee Royal Lunatic Asylum,
1876, and 31st March, 1877.

EXPENDITURE.

	31st March, 1876.	Increase.	Decrease.	31st March, 1877.
Provisions, . . .	£2672 8 4	£220 0 9	...	£2892 9 1
Repairs and Im- provements, . . . }	273 6 3	2 12 1	...	275 18 4
Salaries, . . .	730 12 0	15 11 0	...	746 3 0
Servants' Wages, .	791 18 5	42 15 3	...	834 13 8
Feu-duty, . . .	109 17 9	...	7 13 3	102 4 6
Furniture, . . .	165 5 3	...	45 12 11	119 12 4
Coals, Gas, and Water, . . . }	455 16 5	...	31 16 11	423 19 6
Grounds, . . .	47 6 3	...	1 12 9	45 13 6
Interest, . . .	50 11 5	...	1 16 0	48 15 5
Insurance, . . .	18 7 3	...	...	18 7 3
Medicines, . . .	72 9 0	...	12 7 6	60 1 6
Patients' Extras, .	36 2 0	4 0 0	...	40 2 0
Store, . . .	328 14 7	83 2 11	...	411 17 6
Soap, . . .	66 3 2	...	21 13 5	44 9 9
Straw, . . .	42 5 9	1 14 6	...	44 0 3
Advertising, &c., .	58 18 6	17 1 0	...	75 19 6
Taxes, . . .	188 4 3	...	10 13 7	177 10 8
Incidents, . . .	84 10 6	...	15 3 1	69 7 5
Expenses, New Charter, . . . }	290 12 5	...	290 12 5	...
Expenses, New Asylum, . . . }	36 9 2	...	36 9 2	...
Law Expenses, .	...	8 15 8	...	8 15 8
	£6519 18 8	£395 13 2	£475 11 0	£6440 0 10
Expenditure this year,				£6440 0 10
Expenditure last year,				6519 18 8
Decrease,				£79 17 10
Decrease this year, as above, . . .			£475 11 0	
Increase this year, as above, . . .			395 13 2	
				<u>£79 17 10</u>

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

Year.	Income.	Expenditure.	Excess of Income.	Deficiency of Income.	Donations and Legacies.	Yearly Expenditure on Buildings.	Total Expenditure on Buildings.	Debts due by the Asylum at end of each year.	Debts due to the Asylum at end of each year.	Capital at end of each year.
1820 to 1864	£162,929 15 4	£144,285 2 11½	£18,927 14 1½	£283 1 9	£13,569 3 2½	£35,707 13 8	£35,707 13 8	£3,478 18 1	.....	£31,757 17 7
1865	5,191 1 0	4,782 0 1	409 0 11	.....	.....	.....	35,707 13 8	3,069 17 2	.....	32,166 8 6
1866	4,261 10 10	4,264 11 2	.....	3 0 4	19 19 0	.....	35,707 13 8	3,038 2 6	.....	32,183 17 2
1867	4,474 12 5	4,785 5 11	.....	310 13 6	.....	.....	35,707 13 8	3,340 18 0	.....	31,873 3 8
1868	4,916 2 3	5,134 19 0	.....	218 16 9	2 16 2	.....	35,707 13 8	3,527 18 1	.....	31,657 3 1
1869	5,507 1 4	5,502 16 7½	4 4 8½	.....	2,585 0 0	.....	35,707 13 8	938 13 4½	.....	32,246 7 9½
1870	5,828 9 6	4,962 14 10	865 14 8	.....	.....	.....	35,707 13 8	72 18 8½	.....	35,112 2 5½
1871	5,498 5 6	5,284 6 6	213 19 0	.....	195 17 7	.....	35,707 13 8	.....	£336 17 10½	35,521 19 0½
1872	5,119 0 9½	5,735 9 0	.....	616 8 2½	.....	318 19 7	36,026 13 3	598 9 11	.....	34,905 10 10
1873	5,405 2 11	5,976 4 9	.....	571 1 10	100 4 11	600 0 0	36,626 13 3	1,069 6 10	.....	35,034 13 11
1874	5,859 5 6	6,050 12 9	.....	191 7 3	39 3 7	.....	36,626 13 3	1,221 10 6	.....	34,882 10 3
1875	5,978 10 8	6,181 17 0	.....	203 6 4	32 14 11	.....	36,626 13 3	1,392 1 11	.....	34,711 18 10
1876	6,566 16 10	6,519 18 8	46 18 2	.....	1 0 0	.....	36,626 13 3	1,344 3 9	.....	34,759 17 0
1877	6,762 0 9	6,440 0 10	321 19 11	.....	50 0 0	.....	36,626 13 3	972 3 10	.....	35,131 16 11
	£234,297 15 7½	£215,906 0 1	£20,789 11 6	£2397 15 11½	£16,595 19 4½	£36,626 13 3				
										Capital as above, £35,131 16 11
										Add Debt due by Asylum, 972 3 10
										Equal to amount of Property, £36,104 0 9

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

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

AT THE
ANNUAL COURT OF DIRECTORS
OF THE
DUNDEE ROYAL LUNATIC ASYLUM,
HELD IN THE TOWN HALL OF DUNDEE,
ON MONDAY, 18TH JUNE, 1877;

WILLIAM THOMS, Esq., IN THE CHAIR;

The Secretary read the Annual Report of the Directors.

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

It was further resolved that the Report be circulated along with the Medical Report and the Abstract of the Income and Expenditure for the past year.

The following is a list of the names of the persons who have been admitted to the office of the Secretary of the Board of Education since the last meeting of the Board.

Name	Address
John A. Smith	123 Main St.
James B. Jones	456 Elm St.
William C. Brown	789 Oak St.
Robert D. White	101 Pine St.
Thomas E. Green	202 Cedar St.
Charles F. Black	303 Birch St.
Edward G. Gray	404 Spruce St.
Frank H. Hall	505 Willow St.
George I. King	606 Ash St.
Henry J. Lee	707 Hickory St.
John K. Scott	808 Sycamore St.
William L. Adams	909 Chestnut St.
Robert M. Baker	1010 Walnut St.
Thomas N. Clark	1111 Elm St.
Charles O. Evans	1212 Oak St.
Edward P. Foster	1313 Pine St.
Frank Q. Gibson	1414 Cedar St.
George R. Hill	1515 Birch St.
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John T. King	1717 Willow St.
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Robert V. Miller	1919 Hickory St.
Thomas W. Moore	2020 Sycamore St.
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Edward Y. Owen	2222 Walnut St.
Frank Z. Phillips	2323 Elm St.
George A. Roberts	2424 Oak St.
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Thomas E. Green	202 Cedar St.
Charles F. Black	303 Birch St.
Edward G. Gray	404 Spruce St.
Frank H. Hall	505 Willow St.
George I. King	606 Ash St.
Henry J. Lee	707 Hickory St.
John K. Scott	808 Sycamore St.
William L. Adams	909 Chestnut St.
Robert M. Baker	1010 Walnut St.
Thomas N. Clark	1111 Elm St.
Charles O. Evans	1212 Oak St.
Edward P. Foster	1313 Pine St.
Frank Q. Gibson	1414 Cedar St.
George R. Hill	1515 Birch St.
Henry S. Jones	1616 Spruce St.
John T. King	1717 Willow St.
William U. Lee	1818 Ash St.
Robert V. Miller	1919 Hickory St.
Thomas W. Moore	2020 Sycamore St.
Charles X. Nelson	2121 Chestnut St.
Edward Y. Owen	2222 Walnut St.
Frank Z. Phillips	2323 Elm St.
George A. Roberts	2424 Oak St.
Henry B. Scott	2525 Pine St.
John C. Taylor	2626 Cedar St.
William D. Walker	2727 Birch St.
Robert E. Young	2828 Spruce St.
Thomas F. Zeller	2929 Willow St.

MEDICAL REPORT.

18TH JUNE, 1877.

At the date of last Annual Meeting the number of patients resident in the Asylum was 118 males and 103 females; total, 221. Of these, 54, namely, 28 males and 26 females, were private patients, and 167, namely, 90 males and 77 females, were paupers.

103 have since been admitted, the largest number ever received into the Institution in one year; and of these 35 were males and 68 females. 16 were private cases, that is, patients the expense of whose maintenance was defrayed by their relatives or friends; and 87 were pauper patients, received from the parishes of Dundee, Liff and Benvie, Monifieth, Mains and Strathmartine, Barony, and Kinnettles. The total number under treatment has therefore been 324, a number considerably exceeding that of any previous year.

Of these, 35 have been discharged recovered, namely, 16 males and 19 females; 13 were transferred to other Asylums, being pauper patients who did not belong to this district; 29 were transferred to the Lunatic Wards of Poorhouses; 2 were removed by their friends, improved, and 1 by minute of a Parochial Board. 18 patients have died, of whom 12 were males and 6 females.

The percentage of recoveries calculated on the number admitted is therefore 34 per cent., while that of the deaths on the whole number under treatment is 5.55.

17 of the patients admitted were found to be suffering from dementia, 2 from general paralysis of the insane, 29 from various forms of mania, 18 from melancholia, 34 from monomania, and 3 from idiocy.

As regards the physical condition of these patients at the time of admission, it has again to be recorded that only about one-half of them, namely, 51, could be said to be in good health, 16 being in a fair or indifferent condition, 22 decidedly frail, 6 paralytic, 5 very frail and emaciated, 1 frail and epileptic, and 1 blind and suffering from epileptiform fits. 1 patient, otherwise in good health, was deaf and dumb. Ten were over 60 years of age; two being aged 70, one 73, and one 74 years.

Of the patients admitted, 17 had on some former occasion been under treatment in the Asylum. In two instances, however, they had remained well in the interval, one for 28, and the other for 26 years. 3 patients were sent from the Lunatic Wards of the Dundee Poorhouse, on the grounds that they had become unsuitable to be detained there any longer.

Taken as a whole, the patients received into the Institution during the past twelve months presented very much the same character as those admitted in former years. Some have required little more than careful nursing and attention, while others, especially those with suicidal proclivities, have been a source of constant anxiety. One case presented peculiarities which renders it deserving of more particular notice, namely, the patient above referred to as having been blind and suffering from epileptiform fits at the time of his admission. This man was brought to the Asylum from the Dundee Prison, where he had been detained in consequence of having committed a savage attack on his wife, by attempting to tear out her eyes during the night, and otherwise maltreating her. During the three weeks that he was in prison he suffered from severe epileptiform fits, at first occurring at the rate of five or six in twenty-four hours, and towards the end of the time of his detention these were increasing in frequency, an attack coming on pretty regularly every two hours. Immediately after his admission into the Asylum he had a fit of great severity while in the

bath, and was in consequence at once put to bed in a single bedroom apart from other patients, kept as quiet as possible, and treated with large doses of Iodide of Potassium. During the next twenty-four hours he had only four fits, but two of these were double and of great severity. Next day he had only one, and since that time, fully a month ago, they have not recurred. As a precaution the medicine was continued for ten days after the fits ceased. The patient is now much improved in his bodily health, and mentally convalescent. The peculiarity of this patient's case consists not only in the rapid cessation of the fits after his admission into the Asylum, but also in the fact that he appears to retain no knowledge of having suffered from them, nor recollection of having committed the attack which led to him being deprived of his liberty. Although the number of patients admitted has been considerably in excess of former years, it does not appear that this necessarily indicates a greater tendency to the occurrence of insanity in the general community of the present day than was formerly the case. It would probably be more correct to ascribe the increase to other causes, such as, the more liberal views now held by the public and the medical profession as to what constitutes insanity, to the increasing confidence on the part of the public in the Asylum treatment of the insane, and also to the greater facilities now afforded by the statute for the transmission of persons suffering from insanity and many allied forms of derangement of the nervous system, which formerly would not have been classed under this head, to Asylums.

As no patient has been refused admission, it is somewhat remarkable that the number of female patients admitted this year should be so much in excess of that of the males, being in the ratio of 2 to 1.

Of the patients discharged recovered, 3 had been under treatment for periods not exceeding 3 months; 14 under 6 months; 8 under 9 months; 3 under 1 year; 6 under 2 years, and 1 under 4 years. The total percentage is considerably under that of former years, a circumstance due partly to the unfavourable nature of the cases received during

the last two years, but chiefly to the large number of patients transferred to other Asylums and to the Lunatic Wards of Poorhouses, many of whom were in a more or less convalescent state at the time of their removal. This has necessarily made the proportion of recoveries to the admissions less than it would otherwise have been.

The obituary register contains 18 entries, referring to 12 male and 6 female patients. In 6 cases death resulted from general paralysis; in 2 from phthisis; in 2 from senile decay; and in 1 case each, from epilepsy, apoplexy, general paralysis and anasarca, gastro-enteritis, marasmus, hemiplegia, caries, and disease of heart.

The average age at death was 53 years. Two of these had been long resident in the Asylum, one for 31, and the other for 33 years. In five cases the ages at death were 68, 70, 80, 81, and 82 years.

The treatment of the patients during the past year, has been conducted on the same principles so fully explained in former Reports. In many the mental derangement appeared to have arisen from mere wretchedness and starvation, and readily gave way under a liberal diet, regular exercise, and the effect of the general routine of the establishment. In other cases the physical condition of the patients was so impaired as to demand constant care and active medicinal treatment, continued for longer or shorter periods; while in others, improvement only began, when, these methods having failed, the patient's attention was arrested and his interest excited by being induced to engage in some form of active occupation. This last constitutes the true moral treatment of the insane, and often succeeds when other means afford no relief, and not unfrequently even in cases apparently hopeless. Indeed no problem is more difficult of solution than that of determining when a patient has become incapable of deriving benefit from treatment; and one of the greatest errors committed in lunacy legislation of late years has been that of attempting to draw a line of demarcation between the so-called curable and incurable insane. No doubt after this disease has existed for a lengthened period, say for two years,

the prospects and chances of recovery rapidly diminish ; but, nevertheless, many instances are on record of complete restoration after many years' duration of illness. In support of this statement, it may be mentioned that while of 780 patients discharged recovered from this Asylum between the years 1844 and 1877, 203 had been resident under three months, 228 under six months, 114 under nine months, and 80 under a year. No fewer than 76 were, however, cured after being nearly two years under treatment, while 35 were within three years, 17 within four years, and 27 had been resident for periods varying from five to twenty-seven years.

It will be unnecessary to enter in detail into the various means by which the inmates have derived benefit during the past year. It will suffice to mention that, on the male side, the garden and grounds continue to afford regular employment to 24 or 25 patients ; that the school for reading, writing, &c., was attended during the winter months by from 14 to 18 ; that the hair-teasing, &c., gave occasional occupation for as many more. The tailor's, shoemaker's, and wright's shops, and ordinary house work, served a similar purpose for many who were unable or not inclined to engage in other forms of industry. On the female side from 25 to 30 were daily at work in the laundry, and about 20 in sewing and dressmaking ; while many others were usefully engaged in mending, scrubbing, and other domestic duties.

The amusements and recreations participated in by the inmates, and which viewed as curative agencies are but milder forms of employment and occupation, have been numerous and varied. During the summer months walking and driving parties were almost of daily occurrence, while more lengthened excursions and picnics were made to the Loch of Lundie, Powrie, Clatto, Lumley Den, and Monikie. During the winter months the regular fortnightly balls were eagerly looked forward to and keenly enjoyed by fully a half of the whole population. Among the winter recreations the Christmas festivities as usual held a prominent place. The Christmas tree, laden with many and valuable gifts, accompanied by a " snow-

ball" of quite gigantic proportions, filled with similar commodities, proved a great centre of attraction, and the presents distributed at the close of the evening among the patients and attendants afforded them much gratification. The magic lantern belonging to the Institution, and which has now been fitted up with the oxy-hydrogen lime light apparatus, was also a source of great enjoyment. Various parties were also sent to concerts, exhibitions, &c., in town; and several of the more trustworthy allowed to attend several of the churches on Sundays, a privilege they greatly appreciated. Further experience in the use of coloured lights in the treatment of the patients has confirmed the opinion expressed in last Report as to the benefit to be derived from these agencies.

As yet the demand for accommodation has been met without much difficulty. The male weaving shop, having been put in direct communication with the female side of the house, by opening a door into the large day room, and having been properly fitted up, affords satisfactory and comfortable bedrooms for 9 patients, and is in constant use; while the old billiard room, which is in the process of being similarly altered, will make room for 10 more. On the male side no inconvenience in this direction has, as yet, been experienced; but should it be found necessary to supplement the existing accommodation in this department, it is satisfactory to know that this can readily be done to the extent of 30 patients, at little expense, by roofing in the space between the new billiard room and schoolroom, and by occupying this as a day room. The new billiard room and schoolrooms would then be available as very suitable dormitories.

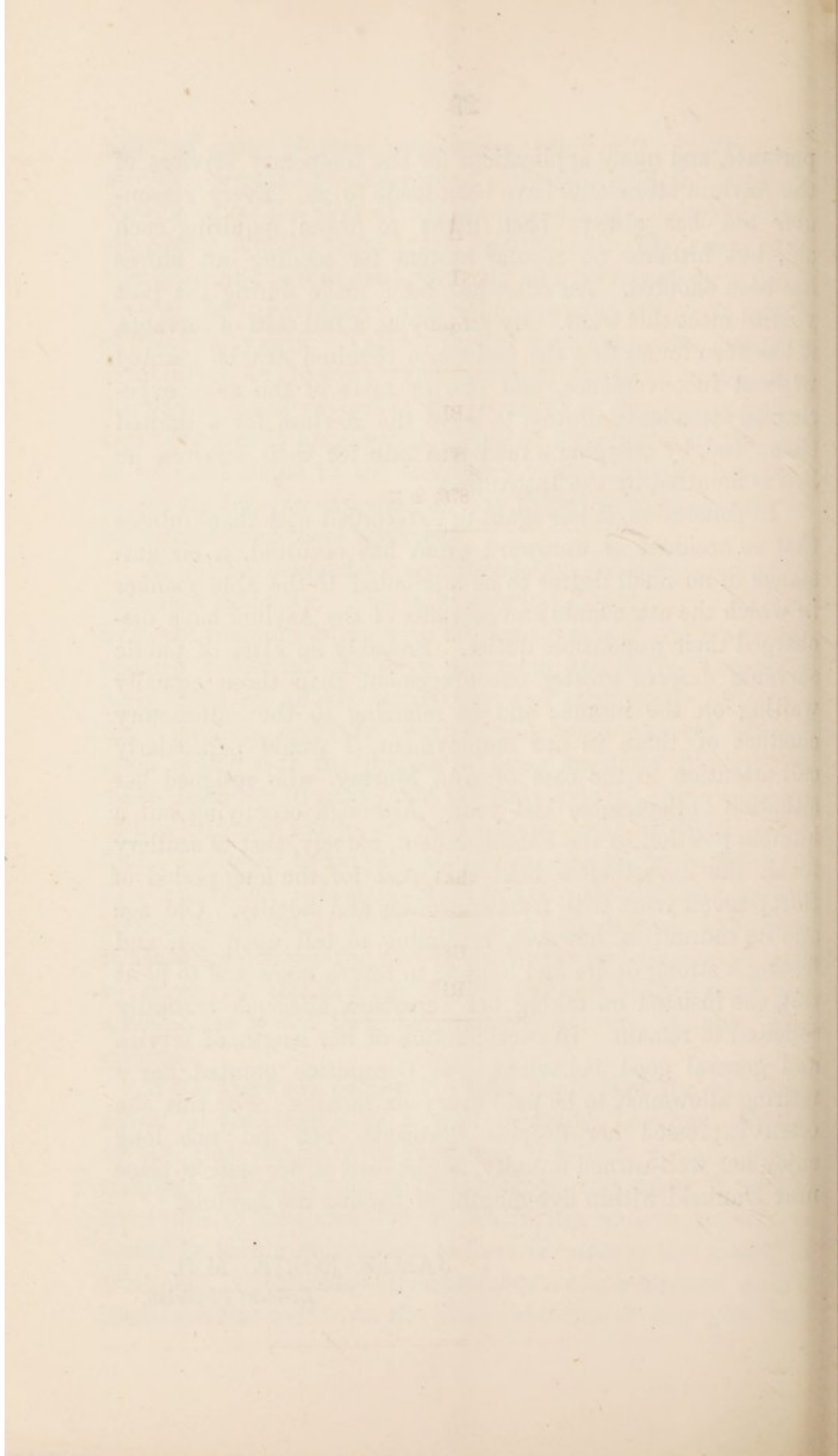
While there can be now but little doubt that the early removal of the insane to a well-organised Asylum affords, in the great majority of instances, the best means for the thorough and rapid cure of their malady, still many cases are from time to time met with in which, for various reasons, it would be highly inexpedient to have recourse to this means of treatment. Under such circumstances the assistance of nurses accustomed to wait upon the insane becomes of very great im-

portance, and many applications for the temporary services of the Asylum attendants have been made to us. Every reasonable aid has always been given to those requiring such aid, but hitherto no regular system for sending out nurses has been adopted. An effort has been made during the past year to meet this want. By employing a full staff of servants, it has been found that the assistance required can be granted without inconvenience, and one or more of the more experienced attendants allowed to leave the Asylum for a limited time; and, by charging a moderate rate for their services, no loss is incurred by the Institution.

In conclusion, it has again to be recorded with thankfulness that no accident or untoward event has occurred, a circumstance in no small degree to be attributed to the able manner in which the attendants and servants of the Asylum have discharged their responsible duties. Probably no class of public servants deserve greater encouragement than those actually waiting on the insane; and in referring to the satisfactory conduct of those in our employment, I would particularly call attention to the case of Ann Murray, who resigned her situation in September last year. Although occupying but a humble position in the Establishment, namely, that of scullery maid, she nevertheless held this post for the long period of thirty-seven years with trustworthiness and fidelity. Old age and its infirmities, however, beginning to tell upon her, and feeling a strong desire and longing to return home and to be at rest, she insisted on taking her departure, although earnestly solicited to remain. In consideration of her length of service and general good behaviour, the Committee granted her a retiring allowance, to be paid every six months. For this she often expressed her deepest gratitude, but did not long enjoy her well-earned annuity, as she died at her native place near Dunkeld within five months of leaving the Asylum.

JAMES RORIE, M.D.

Resident Physician.



STATISTICAL TABLES

FOR THE YEAR ENDING 18TH JUNE, 1877.

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

TABLE I.

YEARLY STATEMENT.

From 19th June, 1876, to 18th June, 1877.

	Males.	Females.	TOTAL.
Remained 19th June, 1876,	118	103	221
Admissions during the year,	26	60	86
Re-admitted,	9	8	17
	153	171	324
<i>Discharges and Deaths—</i>			
Discharged, recovered,	16	19	35
Do. improved or relieved,	13	32	45
Died,	12	6	18
	41	57	98
Remaining 18th June, 1877,	112	114	226
	153	171	324
Daily average number of Patients in the House,	112·79	110·02	222·81

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

	Males.	Females.	TOTAL.
Anxiety about money,	0	1	1
Miscarriage,	0	1	1
Ill-health and probably drink,	1	0	1
Disappointment,	0	1	1
Intemperance,	1	1	2
Injury to head,	1	0	1
Child-birth,	0	1	1
Religion,	0	1	1
Unknown,	30	61	91
Not stated,	2	1	3
	35	68	103

III.—ADMISSIONS RELATIVE TO AGES.

	Males.	Females.	TOTAL.
From 15 to 20 years of age,	2	5	7
20 to 25 " 	5	3	8
25 to 30 " 	6	7	13
30 to 35 " 	4	9	13
35 to 40 " 	3	10	13
40 to 45 " 	2	4	6
45 to 50 " 	4	8	12
50 to 55 " 	4	7	11
55 to 60 " 	3	5	8
60 to 65 " 	2	5	7
65 to 70 " 	0	1	1
70 to 75 " 	0	4	4
	35	68	103

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

	Males.	Females.	TOTAL.
Dementia,	4	13	17
General Paralysis,	2	0	2
Mania, Acute,	7	16	23
Mania, Chronic,	0	1	1
Mania, Puerperal,	0	1	1
Mania, Epileptic,	2	1	3
Mania, Recurrent,	0	1	1
Melancholia,	4	14	18
Monomania,	15	19	34
Idiocy,	1	2	3
	35	68	103

V.—ADMISSIONS RELATIVE TO THE SOCIAL CONDITION.

	Males.	Females.	TOTAL.
Married,	18	18	36
Unmarried,	14	33	47
Widowers,	3	0	3
Widows,	0	16	16
Not known,	0	1	1
	35	68	103

VI.—DURATION OF DISEASE PREVIOUSLY TO ADMISSION.

	Males.	Females.	TOTAL.
Not exceeding 1 month,	25	54	79
„ 3 months,	2	5	7
„ 6 „	3	1	4
„ 9 „	0	1	1
„ 4 years,	0	1	1
„ 5 „	0	1	1
„ 7 „	0	1	1
„ 8 „	0	1	1
„ 14 „	0	1	1
„ 17 „	1	0	1
„ 25 „	0	1	1
Unknown,	4	1	5
	35	68	103

VII.—ADMISSIONS FROM 19TH JUNE, 1876, TO 18TH JUNE, 1877.

	Males.	Females.	TOTAL.
1876—June,	1	4	5
July,	1	5	6
August,	3	10	13
September,	2	2	4
October,	4	3	7
November,	4	2	6
December,	1	10	11
1877—January,	1	4	5
February,	2	6	8
March,	2	5	7
April,	7	4	11
May,	6	8	14
June,	1	4	5
	35	68	103

VIII.—TIME OF TREATMENT OF THE 35 PATIENTS
DISCHARGED CURED.

	Males.	Females.	TOTAL.
Not exceeding 3 months,	1	2	3
„ 6 „	7	7	14
„ 9 „	3	5	8
„ 1 year,	1	2	3
„ 2 years,	3	3	6
„ 4 „	1	0	1
	16	19	35

IX.—CAUSES OF DEATH, &c.

	Average Age at Death.	Males.	Females.	TOTAL.
Epilepsy,	57 years.	0	1	1
Apoplexy,	80 „	1	0	1
General Paralysis,	40 „	5	1	6
General Paralysis and Anasarca ...	53 „	1	0	1
Gastro-Enteritis,	25 „	1	0	1
Heart Disease,	35 „	1	0	1
Phthisis,	53½ „	0	2	2
Marasmus,	68 „	1	0	1
Hemiplegia,	81 „	1	0	1
Senile Decay,	76 „	0	2	2
Caries of Shoulder,	60 „	1	0	1
	53½ years.	12	6	18

X.—MORTALITY FROM 19TH JUNE, 1876, TO 18TH JUNE, 1877.

	Males.	Females.	TOTAL.
1876—June,	1	1	2
July,	1	0	1
August,	3	0	3
September,	1	0	1
November,	0	1	1
December,	0	1	1
1877—January,	1	2	3
April,	4	0	4
May,	0	1	1
June,	1	0	1
	12	6	18

XI.—TABLE OF CURES AT DUNDEE ASYLUM FROM
1820 TO 1877.

Admissions from 1st April, 1820, to 18th June, 1877.

	Cured.	Per Cent.
Number admitted, 2840,	1253	44·12

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

From its Opening on 1st April, 1820, to the 18th June, 1877, including Re-admissions, together with the Cures, Discharges, and Deaths.

No.	Years.	REMAINED.			ADMITTED.			TOTAL.			DISCHARGED.						DIED.			REMAINING 18th June, 1877.		
											Recovered.			Relieved.								
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1	1820	...	...	...	22	28	50	22	28	50	3	5	8	1	1	2	2	1	3	...	...	...
2	1821	17	19	36	12	12	24	28	33	61	5	8	13	4	4	8	1	1	1	...	...	...
3	1822	19	19	38	19	13	32	38	32	70	4	4	8	2	5	7	...	1	1	...	...	...
4	1823	32	22	54	17	20	37	49	42	91	8	5	13	1	2	3	...	1	1	...	...	...
5	1824	40	34	74	28	24	52	68	58	126	14	15	29	8	2	10	4	2	6	...	...	...
6	1825	43	38	81	28	29	57	71	67	138	15	13	28	3	7	10	1	2	3	...	...	...
7	1826	51	47	98	24	10	34	75	57	132	10	11	21	4	6	10	3	2	5	...	...	...
8	1827	59	37	96	20	15	35	79	52	131	8	3	11	9	6	15	2	...	2	...	...	...
9	1828	60	43	103	17	14	31	77	57	134	10	9	19	5	3	8	6	4	10	...	...	...
10	1829	56	41	97	15	18	33	71	59	130	8	7	15	6	4	10	2	2	4	...	...	...
11	1830	55	46	101	15	18	33	70	64	134	8	8	16	5	3	8	2	1	3	...	...	...
12	1831	55	52	107	21	16	37	76	68	144	2	4	6	5	5	10	2	5	7	1	...	1
13	1832	67	54	121	23	24	47	90	78	168	11	13	24	7	4	11	7	3	10	...	...	...
14	1833	65	58	123	22	18	40	87	76	163	9	8	17	2	6	8	6	4	10	1	...	1
15	1834	70	58	128	19	21	40	89	79	168	9	13	22	6	3	9	4	4	8	...	1	1
16	1835	70	59	129	20	18	38	90	77	167	7	4	11	7	7	14	6	2	8	...	...	...
17	1836	70	64	134	24	16	40	94	80	174	8	8	16	9	8	17	5	5	10	...	...	...
18	1837	72	59	131	30	12	42	102	71	173	13	3	16	2	3	5	7	1	8	...	...	...
19	1838	80	64	144	26	27	53	106	91	197	14	9	23	4	7	11	6	5	11	1	1	2
20	1839	82	70	152	29	28	57	111	98	209	23	20	43	3	5	8	5	2	7	...	...	...
21	1840	80	71	151	33	25	58	113	96	209	6	16	22	4	3	7	5	3	8	...	...	...
22	1841	98	74	172	34	19	53	132	93	225	16	11	27	8	2	10	8	2	10	...	...	...
23	1842	100	78	178	29	32	61	129	110	239	21	10	31	9	7	16	5	4	9	...	...	...
24	1843	94	89	183	25	22	47	119	111	230	6	14	20	8	7	15	10	2	12	...	...	...
25	1844	95	88	183	34	26	60	129	114	243	9	9	18	7	8	15	8	6	14	2	2	4
26	1845	105	91	196	24	26	50	129	117	246	15	15	30	8	7	15	6	2	8	...	...	...
27	1846	100	93	193	28	29	57	128	122	250	7	19	26	10	11	21	5	2	7	...	...	...
28	1847	106	90	196	23	29	52	129	119	248	13	13	26	1	6	7	14	5	19	1	...	1
29	1848	101	95	196	22	24	46	123	119	242	11	14	25	3	7	10	7	5	12	1	2	3
30	1849	102	93	195	30	32	62	132	125	257	13	15	28	4	10	14	8	3	11	1	2	3
31	1850	107	97	204	32	25	57	139	122	261	11	13	24	10	11	21	12	2	14	1	...	1
32	1851	106	96	202	19	21	40	125	117	242	16	8	24	3	6	9	5	5	10	...	...	...
33	1852	101	98	199	23	20	43	124	118	242	10	13	23	4	5	9	4	5	9	1	1	2
34	1853	106	95	201	26	15	41	132	110	242	7	12	19	4	2	6	7	5	12	1	1	2
35	1854	114	91	205	26	25	51	140	116	256	12	9	21	7	7	14	6	5	11	1	2	3
36	1855	115	95	210	22	13	35	137	108	245	9	10	19	2	3	5	9	2	11	...	1	1
37	1856	117	93	210	28	21	49	145	114	259	11	10	21	1	5	6	11	3	14	2	...	2
38	1857	122	96	218	20	15	35	142	111	253	8	9	17	2	5	8	7	4	11	1	1	2
39	1858	124	93	217	20	28	48	144	121	265	13	11	24	15	7	22	7	7	14	2	...	2
40	1859	109	96	205	29	18	47	138	114	252	14	13	27	3	1	4	8	1	9	2	1	3
41	1860	113	99	212	20	6	26	133	105	238	9	6	15	3	3	6	12	1	13	...	1	1
42	1861	109	95	204	15	8	23	124	103	227	6	4	10	2	1	3	10	1	11	3	1	4
43	1862	106	97	203	11	11	22	117	108	225	5	7	12	2	3	5	6	3	9	...	...	...
44	1863	104	95	199	17	16	33	121	111	232	8	11	19	1	1	2	4	2	6	...	1	1
45	1864	108	97	205	14	22	36	122	119	241	6	5	11	37	24	61	8	8	16	...	3	3
46	1865	71	82	153	38	63	101	109	145	254	9	21	30	18	28	45	3	3	6	3	4	7
47	1866	79	93	172	35	39	74	114	132	246	20	18	38	6	8	14	5	7	12	8	3	11
48	1867	83	99	182	26	35	61	109	134	243	4	20	24	4	9	13	6	8	14	4	5	9
49	1868	95	97	192	37	20	57	131	117	248	8	10	18	6	6	12	12	6	18	3	1	4
50	1869	103	95	198	22	13	35	125	108	233	3	6	9	14	9	23	7	4	11	2	...	2
51	1870	101	89	190	24	35	59	125	124	249	10	15	25	11	19	30	10	3	13	2	2	4
52	1871	94	87	181	31	45	76	125	132	257	12	25	37	8	8	16	8	8	16	6	2	8
53	1872	97	91	188	31	47	78	128	138	266	11	23	34	6	9	15	10	10	20	5	6	11
54	1873	101	96	197	29	36	65	130	132	262	12	18	30	18	20	38	7	3	10	6	5	11
55	1874	93	91	184	38	50	88	131	141	272	15	21	36	3	11	14	9	6	15	15	7	22
56	1875	104	103	207	45	54	99	149	157	306	10	29	39	12	18	30	9	7	16	14	15	29
57	1876	118	103	221	35	68	103	153	171	324	16	19	35	13	32	45	12	6	18	22	43	65
					1426	1414	2840				581	672	1253	374	420	794	361	206	567	112	114	226

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XIII.—ANNUAL PERCENTAGE OF DEATHS,
From June 16, 1830, to June 18, 1877.

YEARS.	AVERAGE NUMBER OF PATIENTS.			NUMBER OF DEATHS.			PERCENTAGE OF DEATHS.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1830, ...	57	44	101	2	2	4	3·51	4·52	3·95
1831, ...	55	48	103	2	1	3	3·63	2·08	2·91
1832, ...	61	52	113	2	5	7	3·27	9·61	6·19
1833, ...	65	59	124	7	3	10	10·76	5·08	8·06
1834, ...	70	58	128	6	4	10	8·57	6·89	7·81
1835, ...	68	58	126	4	4	8	5·88	6·89	6·34
1836, ...	70	59	129	6	2	8	8·57	3·39	6·20
1837, ...	74	61	135	5	5	10	6·75	8·19	7·48
1838, ...	77	60	137	7	1	8	9·09	1·66	5·53
1839, ...	84	66	150	6	5	11	7·19	7·57	7·83
1840, ...	87	70	157	5	2	7	5·74	2·85	4·45
1841, ..	89	75	164	5	3	8	5·61	3·99	4·87
1842, ...	102	77	179	8	2	10	7·84	2·59	5·58
1843, ...	96	84	180	5	4	9	5·20	4·80	5·00
1844, ...	97	90	187	10	2	12	10·31	2·22	6·41
1845, ...	100	90	190	8	6	14	8·00	6·66	7·37
1846, ...	105	96	201	6	2	8	5·70	2·08	3·90
1847, ..	105	95	200	5	2	7	4·70	2·01	3·05
1848, ...	103	94	197	14	5	19	13·61	5·30	9·60
1849, ...	104	94	198	7	5	12	6·70	5·30	6·00
1850, ...	107	93	200	8	3	11	7·47	3·02	5·05
1851, ...	108	96	204	12	2	14	11·00	2·00	6·85
1852, ...	107	99	206	5	5	10	4·67	5·00	4·85
1853, ...	107	98	205	4	5	9	3·73	5·10	4·39
1854, ...	109	95	204	7	5	12	6·42	5·27	5·88
1855, ...	117	96	213	6	5	11	5·12	5·20	5·16
1856, ...	120	96	216	9	2	11	7·50	2·00	5·00
1857, ...	122	96	218	11	3	14	9·02	3·12	6·42
1858, ...	121	95	216	7	4	11	5·70	4·20	5·09
1859, ...	118	96	214	7	7	14	5·93	7·29	6·54
1860, ...	115	101	216	8	1	9	6·95	0·99	4·15
1861, ...	111	98	209	12	1	13	10·91	1·02	6·22
1862, ...	110	95	205	10	1	11	9·09	1·05	5·36
1863, ...	105	95	200	6	3	9	5·71	3·15	4·50
1864, ...	110	98	208	4	2	6	3·53	2·04	2·88
1865, ...	99	95	194	8	8	16	8·00	8·42	8·25
1866, ...	73	80	153	3	3	6	4·11	3·75	3·92
1867, ...	79	92	171	5	7	12	6·33	7·60	7·01
1868, ...	85	95	180	6	8	14	7·06	8·42	7·77
1869, ...	97	97	194	12	6	18	12·37	6·18	9·20
1870, ...	108	93	201	7	4	11	6·04	4·03	5·04
1871, ...	95	86	181	10	3	13	10·52	3·48	7·18
1872, ...	91	87	178	8	8	16	8·79	9·19	8·98
1873, ...	98	93	191	10	10	20	10·20	10·75	10·47
1874, ...	96	94	190	7	3	10	7·29	3·19	5·26
1875, ...	99	97	196	9	6	15	9·09	6·18	7·65
1876, ...	111	104	215	9	7	16	8·11	6·73	7·47
1877, ...	113	110	223	12	6	18	10·62	5·45	8·07
	4600	4100	8700	342	193	535			

XIV.—AVERAGE ANNUAL MORTALITY,
From 1830 to 1877 inclusive.

Males.	Females.	TOTAL.
7·43	4·71	6·15

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

From the Opening of the Institution to June 18, 1877.

TIMES OF DEATH.					Males.	Females.	TOTAL.
Within	1 fortnight,	...	...	...	18	18	36
"	1 month,	...	...	...	14	5	19
"	3 months,	...	...	...	34	20	54
"	6 "	...	...	...	35	16	51
"	9 "	...	...	...	20	10	30
"	1 year, ...	...	...	...	15	9	24
"	2 years, ...	...	...	...	58	23	81
"	3 "	...	...	...	29	11	40
"	4 "	...	...	...	24	9	33
"	5 "	...	...	...	11	9	20
"	6 "	...	...	...	15	5	20
"	7 "	...	...	...	9	6	15
"	8 "	...	...	...	7	6	13
"	9 "	...	...	...	7	6	13
"	10 "	...	...	...	3	3	6
"	11 "	...	...	...	4	2	6
"	12 "	...	...	...	3	3	6
"	13 "	...	...	...	2	6	8
"	14 "	...	...	...	7	4	11
"	15 "	...	...	...	5	3	8
"	16 "	...	...	...	5	1	6
"	17 "	...	...	...	2	4	6
"	18 "	...	...	...	4	1	5
"	19 "	...	...	...	6	2	8
"	20 "	...	...	...	2	1	3
"	21 "	...	...	...	1	2	3
"	22 "	...	...	...	2	3	5
"	23 "	...	...	...	2	2	4
"	24 "	...	...	...	2	1	3
"	25 "	...	...	...	0	1	1
"	26 "	...	...	...	2	1	3
"	27 "	...	...	...	1	2	3
"	28 "	...	...	...	0	2	2
"	29 "	...	...	...	3	1	4
"	30 "	...	...	...	3	3	6
"	31 "	...	...	...	0	0	0
"	32 "	...	...	...	2	1	3
"	33 "	...	...	...	1	2	3
"	34 "	...	...	...	0	0	0
"	35 "	...	...	...	0	0	0
"	36 "	...	...	...	1	0	1
"	37 "	...	...	...	0	0	0
"	38 "	...	...	...	0	0	0
"	39 "	...	...	...	1	1	2
"	40 "	...	...	...	0	0	0
"	41 "	...	...	...	0	0	0
"	42 "	...	...	...	0	0	0
"	43 "	...	...	...	1	0	1
"	44 "	...	...	...	0	1	1
TOTAL,					361	206	567

RATES OF BOARD.

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

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

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

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

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

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

No Fees are paid for Paupers.

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

* See List at page 19.

QUANTITIES OF THE
PRINCIPAL PROVISIONS, & c.

Purchased for the Asylum in the Years 1875-76 and 1876-77.

		1875-76.		1876-77.
Coals and Firewood,	...	284 $\frac{1}{2}$ $\frac{2}{5}$ tons.	.....	314 $\frac{7}{10}$ tons.
Butcher Meat,	...	20,626 lbs.	.....	23,370 lbs.
Bread,	... ..	23,896 loaves.	.....	26,555 $\frac{1}{2}$ loaves.
Sugar,	... ..	6,048 lbs.	.....	6,272 lbs.
Tea,	... ..	967 lbs.	.....	970 lbs.
Butter,	... ..	3,494 lbs.	.....	3,546 $\frac{1}{4}$ lbs.
Cheese,	... ..	1,009 lbs.	.....	1,098 $\frac{3}{4}$ lbs.
Meal,	... ..	224 $\frac{1}{2}$ bolls.	.....	192 $\frac{1}{2}$ bolls.
Barley and Pease,	...	57 $\frac{1}{4}$ cwts.	.....	69 $\frac{1}{10}$ cwts.
Potatoes,	... ..	22 $\frac{3}{4}$ cwts.	.....	72 $\frac{1}{2}$ cwts.
Beer,	... ..	2,062 $\frac{1}{2}$ doz.	.....	2,116 doz.
Milk,	... ..	9,044 galls.	.....	9,130 galls.