SIXTY-SIXTH

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, 21ST JUNE, 1886.

WITH THE

REPORTS OF THE MEDICAL SUPERINTENDENT

AND

TREASURER OF THE INSTITUTION.

DUNDEE:
PRINTED BY WILLIAM KIDD, WHITEHALL STREET.
1886.

25

THE FOLLOWING ARE THE

DIRECTORS AND OFFICE-BEARERS

FOR THE CURRENT YEAR

FROM JUNE 1886 TO JUNE 1887.

Chairman of the Directors.

SIR JOHN OGILVY of Inverquharity, Baronet.

EXTRAORDINARY DIRECTORS.

Ex-Officiis.

1. The Right Honourable CLAUDE Earl of STRATHMORE and KINGHORNE, Lord-Lieutenant of the County.
2. J. W. BARCLAY, Esq., M.P. for the County, Aberdeen.
3. JOHN C. THOMSON, Esq., Advocate, Sheriff of the County.
4. C. C. LACAITA, Esq., 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. Sir JOHN OGILVY of Inverquharity, Bart., Baldovan House.
8. The Right Honourable the Earl of STRATHMORE and KINGHORNE, Glamis Castle.
9. WILLIAM ROBERTSON, Esq., Balmore, Newport.
10. The Right Honourable the Earl of CAMPERDOWN, Camperdown House.
11. The Right Honourable the Earl of DALHOUSIE, Brechin Castle.

ORDINARY DIRECTORS.

Ex-Officiis.

12. Provost BALLINGALL, Dundee.
13. Bailie TAYLOR, Dundee.
14. Dean of Guild MATHEWSON, Dundee.

1. *Elected by Nine Incorporated Trades.*

15. JOHN SCRYMGEOUR, Esq., High Street.
16. J. E. MANN, Esq., High Street.
17. FRANCIS STEVENSON, Esq., Dyer.

2. *By the Three Trades.*

18. JAMES FOGGIE, Esq., 3 Graham Place, Princes Street.

3. *By the Guildry.*

19. CHARLES SCOTT, Esq., Kilnburn Place, Newport.
20. ALEXANDER HENDERSON, Esq., Westpark, Perth Road.
21. JOHN PROCTOR KYD, Esq., Solicitor, Dundee.
22. HUGH BALLINGALL, Esq., *for the Maltmen Fraternity.*

4. *By the Seamen Fraternity.*

23. Captain WILLIAM KILGOUR, Shipowner, Albert Street, Tayport.

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

24. DAVID HENDERSON, Esq., Perth Road.

6. *By the Kirk Session.*

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

7. *By the Presbytery.*

27. The Rev. JOHN REID, of Monikie.
28. The Rev. ARCHIBALD BELL, Chapelshade.

8. *By the County.*

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

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

33. The Very Rev. Dean NICOLSON, 9 William Street, Forebank.
34. JOHN ROBERTSON, Esq., Merchant.
35. J. W. MILLER, Esq., M.D., Tay Street.
36. JOHN EARL ROBERTSON, Esq., Invercarse
37. JAMES MITCHELL, Esq., Corn Merchant.
38. HENRY ROBERTSON, Esq., Merchant.
39. WALTER SHEPHERD, Esq., Union Mount.
40. JOHN B. MACLEOD, Esq., M.D., Nethergate.

Office-Bearers.

COMMITTEE OF MANAGEMENT.

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

HOUSE VISITORS.

1. JOHN EARL ROBERTSON, Esq., to visit during July and October 1886 and January and April 1887.
2. The Very Rev. Dean NICOLSON to visit during August and November 1886 and February and May 1887.
3. Colonel ERSKINE to visit during September and December 1886 and March and June 1887.

OFFICERS OF THE ASYLUM.

RESIDENT.

MEDICAL SUPERINTENDENT.

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

MEDICAL ASSISTANT.

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

NON-RESIDENT.

CHAPLAIN.

The Rev. JOHN WILSON, Liff.

TREASURER.

CECIL J. MARQUIS, Accountant, 32 Castle Street.

SECRETARY.

ROBERT C. WALKER, Solicitor, 12 Euclid Street.

REPORT BY THE DIRECTORS

OF THE

DUNDEE ROYAL LUNATIC ASYLUM

TO THE

ANNUAL GENERAL COURT,

JUNE 1886.

THE Directors in their Report last year expressed a hope that they would be in a position to divide a further sum among the contractors for the New Asylum. They are glad to say that they were able in August last to fulfil that expectation by paying the sum of 3s 11d per pound to the contractors, being, with the sum formerly paid, equal to 10s per pound to account of their claims. Since that time the Directors have been endeavouring to raise funds by subscription, and owing to the indefatigable exertions of Mr John Earl Robertson, a considerable sum has been obtained. The Directors hope, therefore, that they will be in a position soon to make a further payment to the contractors, if not to pay them in full.

The opening up of the streets by the unemployed referred to in last report has had the anticipated effect of creating a demand for feus at the Old Asylum ground. During the past year another new street has been opened up by the unemployed, which it is hoped will tend to the further feuing of the ground.

Some dissatisfaction having arisen in regard to the arrangement for the accommodation of Lunatic Paupers in Forfarshire, a conference was held at Edinburgh in July last between the General Board of

Lunacy for Scotland, the District Board of Lunacy for Forfarshire, and the Directors of the Montrose and Dundee Asylums. After discussion an arrangement was come to, the result of which was that a new contract was entered into between the District Board and the Directors, by which the Directors agreed to receive and maintain 50 per cent. of the pauper patients of Forfarshire, or such percentage as might be mutually arranged by the Directors of the Montrose and Dundee Asylums, with the approval of the District Board and the General Board. It was provided that this agreement should be dissolved by either party on giving two years' notice to the other, but that either party might seek to alter the agreement in regard to the rates on giving three months' notice to the other party. This agreement was signed by the Directors only on the 2nd of December last, and on 16th February a notice was received from the Clerk of the District Board giving notice that at the expiry of three months from the date of his intimation the said District Board will seek to alter the rates presently charged under the contract between the Dundee Royal Lunatic Asylum and the said District Board of Lunacy, dated 2nd and 12th Dec., 1885, to those previously charged. The Directors, of course, could not agree to this reduction, and referred the whole subject to the General Board of Lunacy for Scotland, with whom the matter rests.

Since the last Annual Court the New Regulations and Bye-laws, after having been carefully considered and adjusted by the Committee of Management, was approved of by the Directors at the Quarterly Court held on 12th October last, and confirmed, in terms of the charter, at a special meeting of the Directors held on the 19th of October.

On the 21st of August last Miss Bayne, who had been Matron of the Asylum for 15 years, resigned her situation. Her resignation was accepted, and after careful consideration of the requirements of the Institution, the Committee of Management recommended that Miss Currie, who had been discharging her duties as Head Attendant

over the pauper female patients in a very satisfactory manner, should be appointed Head Attendant over all the female patients, and that a Housekeeper should be appointed, the Committee being of opinion that this would add greatly to the comfort and well-being of the patients. This recommendation was approved of by the Directors, and after advertisement the Committee appointed Miss Alice Smith as Housekeeper at a salary of £40 per annum. Miss Smith entered upon her duties at Martinmas last, and the Directors believe that the new arrangement has wrought well and proved beneficial to the Institution.

At Martinmas last Mr Joseph Campbell was appointed Clerk at the Asylum, at a salary of £40 per annum with board and lodging. This appointment was rendered necessary on account of the inability of the Storekeeper to overtake all the work in connection with the Book-keeping at the Asylum.

During the past year a number of trees have been planted, and the grounds further laid out at the Asylum.

Some complaints having been made as to the overflow sewage at the Asylum, the Committee recently appointed a deputation to visit other Asylums where the system of irrigation by means of sewage has been adopted. The deputation visited the District Asylums at Larbert and Inverness, and also the Sewage Farm at Forfar, and the result of their investigations has been that arrangements have been made for the utilization of the sewage at Westgreen in such a manner as will, it is hoped, prevent any complaint in future.

The Institution has been twice visited by the Commissioners in Lunacy, who on both occasions speak very favourably on the state of the house. On 21st Oct., 1885, Dr Sibbald writes :—" The interior of the Asylum was found in excellent order. The improvements that have been made in the furniture during the present year have given

an appearance of comfort to the wards that is very pleasing. A large number of chairs and other seats have been placed both in day-rooms and dormitories. Neat tables, with suitable table-covers, have been introduced. Bedside carpets have been supplied in most of the bedrooms. Valances and curtains are being extensively furnished to the windows, and linoleum has been laid down in the corridors. There can be no doubt that these additions have effected a very real increase to the comfort and happiness of the inmates. The painting and ornamentation of the walls, the supply of decorative objects such as pictures and mirrors, and the waxing of the floors, which are also recent improvements, have helped greatly to give to the Institution the appearance of cheerfulness which it now exhibits."

While Dr Mitchell on 19th March, 1886, writes:—"All parts of the Asylum were found in good order and very clean, and the patients were tidily and comfortably clothed. Complete tranquility prevailed among the men, and, with a few exceptions, among the women also. The accommodation provided for private patients is excellent, both as regards those who pay from 15s to 21s per week, and as regards those who pay higher rates. The dinner served to these two classes of private patients during the visit was exceedingly good, in respect alike to quantity, quality, cooking and service. That of the patients paying rates of board from £40 to £50 a year deserved special commendation."

The late Miss Jane Clark, Westhaven, Carnoustie, bequeathed to the Asylum a legacy of £20, payable at Martinmas next.

On referring to the Treasurer's Report it will be observed that the Income of the Institution from the Board of Patients during the past

year has been	£8987 11 0
and the Expenditure	9177 1 11
shewing a deficiency on the House of . .	£189 10 11

The profit on Farm and Garden has been .		£157 12 5
Do. Dairy, ...		184 8 9
		£342 1 2
Deduct—		
Loss on House for year, as above,	£189 10 11	
Do. on Old Asylum, . .	33 3 3	222 14 2
Profit,		£119 7 0
Deduct further—		
Year's Interest charged on account with Union Bank of Scotland (Ld.) for Building purposes (say Rent), ...		2561 16 1
shewing a nett Deficiency on the year of .		£2442 9 1

The Medical Superintendent's Report shews that on 15th June last there were 293 patients in the Asylum, 123 males and 170 females, while there are at present 284, that number being made up of 106 males and 178 females, 149 having been admitted during the year, 41 having recovered, 40 having died, 62 having been removed to the Lunatic Wards of Poorhouses, 7 to other Asylums, 4 by friends, and 4 removed by minute of Parochial Board.

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

ABSTRACT

OF THE

INCOME AND EXPENDITURE

OF THE

DUNDEE ROYAL LUNATIC ASYLUM

For the Year ending 31*st March*, 1886.

INCOME.

BOARD OF PATIENTS—		
1. Private - - - - -	£2,237 2 7	
2. Pauper - - - - -	6,750 8 5	
		£8,987 11 0

EXPENDITURE.

SALARIES—			
Medical Superintendent -		£520 0 0	
Assistant Do. -		100 0 0	
Matron - - -		50 9 3	
Chaplain (15 months) -		75 0 0	
Secretary - - -		70 0 0	
Treasurer - - -		80 0 0	
		£895 9 3	
Less—Fees from			
Patients	£47 3 6		
Attendance	11 8 0		
		58 11 6	
			£836 17 9
Servants' Wages - - -		£1,395 4 1	
Deduct—Charged to—			
1. Farm and Garden -	£108 0 0		
2. Dairy -	15 0 0		
		123 0 0	
Amounts carried forward -		£1,272 4 1	£836 17 9

Amounts brought forward -		£1,272 4 1	£836 17 9
Taxes - -	£233 1 5		
Deduct—Charged to Farm and Garden Account	20 0 5		
		213 1 0	
Advertising, &c. -	- -	94 1 2	
Coals and Firewood	- -	338 16 2	
Fire Insurance -	- -	40 15 6	
Feu-duty on Westgreen (less Tax, £24 11 1) -	£728 3 11		
Deduct — Rent charged to Farm and Garden Account - -	150 0 0		
		578 3 11	
Gas - -	- -	175 0 4	
Incidents - -	- -	240 15 11	
Patients' Extras -	- -	51 8 9	
Soap, &c. - -	- -	86 16 1½	
Medicines - -	- -	45 10 5	
			3,136 13 4½
Butcher Meat -	- -	£579 4 5	
Add—Farm Supplies -	£71 17 2		
Dairy do. -	148 13 2		
		220 10 4	
		£799 14 9	
Butter - -	- -	249 1 9	
Beer, Ale, and Liquor	- -	100 6 1	
Bread - -	- -	543 0 9½	
Barley and Pease -	- -	60 14 10	
Cheese - -	- -	54 1 1½	
Eggs, Poultry, &c.	- -	53 9 8	
Fish - -	- -	107 1 7	
Groceries - -	- -	62 9 5½	
Milk - -	£65 9 1		
Add—Dairy Supplies - -	424 17 4		
		490 6 5	
Meal - -	£94 16 4		
Add—Farm Supplies - -	67 2 9		
		161 19 1	
Amounts carried forward		£2,682 5 6½	£3,973 11 1½

Amounts brought forward		£2,682 5 6½	£3,973 11 1½	
Potatoes, Vegetables, &c. -	£6 9 11			
Add—Farm and Garden Supplies	167 12 0			
		174 1 11		
Sugar - - - -		74 8 9½		
Tea - - - -		106 4 3		
			3,037 0 6	
Grounds - - - -		11 13 2		
Water - - - -		168 5 11		
Interest - - - -		39 0 7		
Do. on Claims of Contractors -		219 12 10		
Law Expenses - - -		1 3 8		
Claim at instance of Thomas Stark		100 0 0		
Opposition to Lunacy Bill -		141 5 6		
Furniture - - - -		905 6 6		
Mason Work - - -		23 12 3		
Painter Work - - -		116 15 8		
Plumber Work - - -		4 0 7		
Smith Work - - -		31 17 1		
Wright Work - - -		154 5 1		
Ironmongery - - -		17 2 4		
Store (Clothing) - - -		232 9 1½		
			2,166 10 3½	
Total of Expenditure - - - -				£9,177 1 11
Deduct—Excess of Expenditure carried to debit of Profit and Loss				189 10 11
Equal to Income - - - -				£8,987 11 0

Note.—Profit on Farm and Garden, as per Balance Sheet - £157 12 5
Do. on Dairy, as per Do. - 184 8 9

£342 1 2

Deduct

Loss on House for year, as above - - -	£189 10 11	
Do. on Old Asylum, as per Balance-Sheet -	33 3 3	
		222 14 2
Profit - - - - - -		£119 7 0

Deduct further

Year's interest charged on account with Union Bank of Scotland Limited, for Building Purposes (say Rent) - - -	2,561 16 1
Nett Deficiency on year - - -	£2,442 9 1

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

DUNDEE ROYAL LUNATIC ASYLUM.

FARM AND GARDEN ACCOUNT.

Year ending 31st March, 1886.

REVENUE.

PRODUCE SUPPLIED TO HOUSE:—						
Fruit and Vegetables	£100	11	3			
Potatoes	65	14	5			
Oatmeal	67	2	9			
Pork	71	17	2			
Turnips	1	6	4			
				£306	11	11
Pigs sold (13)				32	9	2
Vegetables sold				2	4	0
PRODUCE SUPPLIED TO DAIRY:—						
11 acres Turnips @ 16/- per ton				139	12	0
Pasturage—1 acre Tares	£10	0	0			
8 ,, Pasturage	24	0	0			
				34	0	0
Fat sold				2	15	2
				£517	12	3
Stock on hand at 31st March, 1886				387	16	8
				£905	8	11

EXPENDITURE.

Stock as at 31st March, 1885				£361	13	8
RENT:—						
Westgreen—Farm and Garden, 1 year of 50 acres at £3 per acre				150	0	0
Taxes				24	12	1
Fire Insurance				2	11	9
WAGES:—						
Grieve (£52 and Milk £2 15s)	£54	15	0			
Gardener	56	0	0			
				110	15	0
Seeds and Plants				25	16	11
Blacksmith, Saddler, &c.				4	14	9
Joiner Work				0	6	11
Hire of Threshing Machine				5	15	0
Carriage				2	3	9
Implements				6	5	8
1 Qr. Oats				1	4	0
Straw				47	16	8
Sundries				4	0	4
				£747	16	6
Balance—Profit				157	12	5
				£905	8	11

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

DUNDEE ROYAL LUNATIC ASYLUM.

DAIRY ACCOUNT.

Year ending 31st March, 1886.

REVENUE.

PRODUCE SUPPLIED TO HOUSE :—						
MILK :—						
2330 Gals. @ 1/- per Gal.	£116	10	0			
6728 ,, @ 11d ,, ,,	308	7	4			
	£424	17	4			
BUTCHER MEAT :—						
5489 lbs.	148	13	2			
				£573	10	6
PRODUCE SUPPLIED TO FARM :—						
Milk issued to Grieve, 60 Gals. at 11d .				2	15	0
Calves sold (7)				6	18	6
Cow Hides sold				6	5	3
Fat sold				7	7	7
				£596	16	10
Stock on hand at 31st March, 1886 . . .				175	11	0
				£772	7	10

EXPENDITURE.

Stock as at March 31st, 1885							£190	3 10
PASTURAGE :—								
8 acres Pasture, @ £3 .				£24	0	0		
1 acre Tares, @ £10 .				10	0	0		
							34	0 0
11 acres Turnips, @ 16/- per ton . . .							139	12 0
WAGES :—								
Dairy Maid							15	0 0
COWS PURCHASED :—								
1885.								
Dec. 8 of this date .	5			£78	5	0		
1886.								
Feb. 9 do. .	2			37	12	6		
	7						115	17 6
Stirk Grazing							2	0 0
Veterinary Surgeon examining Cows . . .							1	18 0
Bran							44	12 6
Bean Meal							14	5 0
Turnips							14	18 10
Linseed Cake							11	12 6
Milk Pans							2	6 6
Sundries							1	12 5
							£587	19 1
Balance—Profit							184	8 9
							£772	7 10

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

OLD ASYLUM.

Year ending 31st March, 1886.

INCOME.

FEU-DUTIES:—						
Half-year to Whitsunday 1885 on Ground at Albert Street occupied by Ogilvie Free Church (less Tax, 14s 4d)	£21	15	6			
Do. to Martinmas 1885 on do. (do. 15s) . . .	21	14	10			
Half-year to Whitsunday 1885 on 194·50 Poles of Ground @ £194 10s per annum occupied by Messrs G. & P. Barrie (less Tax, £3 2s)	94	3	0			
Do. to Martinmas 1885 on do. (do. £3 4s 10d) . .	94	0	2			
One year to Martinmas 1885 on Ground at Albert St. occupied by Mr Langlands (less Tax, 1s 9½d) . .	2	14	2			
				£234	7	8
Alexander Wann—Rent of Grass Park situate between Albert Street and Dura St. from 14th May to 28th November 1885 .	£4	10	0			
Rent of Park occupied by East End Football Club for year from Whitsunday 1885 to Whitsunday 1886	25	0	0			
				29	10	0
Proceeds of Sale of Vegetables, Fruit, Grass, &c., during year				58	1	8½
Proceeds of Sale of Old Lead, Scrap Iron, &c. .				36	14	0
Proceeds of Sale of Wood				2	5	0
Balance carried to Profit and loss . . .				33	3	3
				£394	1	7½

EXPENDITURE.

Advertising Ground to Feu				£13	8	0
FEU-DUTIES:—						
Half-year to Whitsunday 1885 on Ground east of Asylum (less Tax, 19s 8d)	£29	17	2			
Do. to Martinmas 1885 on do. (do. £1 0s 6d) . .	29	16	4			
One year to Martinmas 1885 on Ground at James' Park (less Tax, £2 9s 6½d) .	73	15	8			
				£133	9	2
Gas				0	1	10
Insurance				6	19	6
Taxes				8	13	3
Wages to Gardener				40	0	0
Allowance to Gardener in lieu of Coals and Gas .				2	0	0
Seeds and Plants				8	18	4½
Manure				3	14	0
Labour				4	16	5
Carriage				0	6	0
Implements, &c.				2	10	0
Repairing Dyke				1	12	3
Auctioneer's Commission and Expenses on sale of Grass				2	2	9
Expenses in connection with Feuing and Feu-Contracts				165	10	1
				£394	1	7½

CECIL J. MARQUIS, *Treasurer.*

PROFIT AND LOSS.

Year ending 31st March, 1886.

To Old Asylum :—				By Farm and Garden Account :—		
Loss this year	£33	3	3	Profit this year	£157	12 5
,, General Account :—				,, Dairy Account :—		
For excess of Expenditure over Income this year	189	10	11	Profit this year	184	8 9
,, Balance, being nett Profit this year carried to credit of Capital	119	7	0			
	£342	1	2		£342	1 2

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

ACCOUNTS FOR NEW ASYLUM.

BALANCE-SHEET ON 31st MARCH, 1886.

Dr.			Cr.
To Preliminary Expenses		£122 3 11	By Union Bank of Scotland:— Due to it on Building Account	£59,490 18 9
,, Purchase of Site:— Pre-emption of additional Ground, Feu-duty, Expenses of Lease, &c., &c.		3,999 16 9	,, General Account:— Due to it	6,712 10 9
,, Erection of New Asylum		49,813 12 0	,, Subscriptions:— Received towards Debt due to Contractors for New Asylum	2,461 12 2
,, Bank Interest:— Amount accrued to 31st March 1885	£12,018 5 8			
Do. to 31st March 1886	2,561 16 1	14,580 1 9		
,, Royal Bank of Scotland (in Special Account:)— Sum in current Account		149 7 3		
		£68,665 1 8		£68,665 1 8

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

DUNDEE ROYAL LUNATIC ASYLUM.

BALANCE-SHEET ON 31st MARCH, 1886.

Dr.			Cr.		
To Patients:—			By Mortifications:—		
Balance of Patients' Ledger		£148 19 6	Sum at Credit		£841 19 3
,, Furnishings:—			,, Capital:—		
For Private Patients		23 0 11	Value of Property as per Ledger	£34,960 19 0	
,, Property:—			Add—		
Standing against in Ledger at 31st March 1883		34,960 19 0	Excess of Debts due to Asylum over those due by it	6,669 9 3	
,, Stock:—					41,630 8 3
1. Asylum (Clothing, Fuel, and Provisions)	£877 12 9		,, Union Bank of Scotland:—		
2. Farm and Garden	387 16 8		Due to it		814 3 1
3. Dairy	175 11 0				
		1,441 0 5			
,, New Asylum:—					
Due by it		6,712 10 9			
		£43,286 10 7			£43,286 10 7

CECIL J. MARQUIS, *Treasurer.*
DAVID MYLES, *Auditor.*

DETAILS OF EXPENDITURE

ON UNDERNOTED HEADINGS.

BUTCHER MEAT—									
8403½ lbs.	(Rounds)	-	-	-	£280	2	4		
6701½ ,,	(Boiling)	-	-	-	167	10	9		
1147½ ,,	(Run Ribs)	-	-	-	28	13	9		
915¼ ,,	(Mutton)	-	-	-	30	10	2		
392¼ ,,	(Sirloin)	-	-	-	12	17	11		
41 ,,	(Roast)	-	-	-	1	7	4		
60⅜ ,,	(Lamb)	-	-	-	2	0	3		
36⅝ ,,	(Kidney)	-	-	-	1	4	5		
68 ,,	(Veal)	-	-	-	2	5	4		
127⅝ ,,	(Hough)	-	-	-	3	3	9½		
76¾ ,,	(Ox Tail)	-	-	-	1	18	4½		
8 ,,	(Suet)	-	-	-	0	5	4		
8 ,,	(Salt Tongue)	-	-	-	0	5	4		
2 ,,	(Sausages)	-	-	-	0	1	4		
1750 ,,	(Preserved)	-	-	-	41	15	4		
24 ,,	Ham	-	-	-	1	1	2		
5489 ,,	supplied by Dairy		-	-	148	13	2		
4024 ,,	,, ,, Farm		-	-	71	17	2		
					£795	13	3		
Deduct—									
Proceeds of Sale of Bones			-	-	0	19	7		
					£794	13	8		
Add—									
Stock on hand at 31st March 1885	-	-	£19	1	8				
Less—Stock on hand at 31st March 1886	-		14	0	7				
						5	1	1	
								799	14 9
BUTTER—									
6361 lbs. Butter	-	-	-	-	£290	16	6		
Deduct—									
Stock on hand at 31st March 1886	-	-	£65	16	11				
Less—Stock on hand at 31st March 1885	-		24	2	2				
						41	14	9	
								249	1 9
Amount carried forward				-	-	-		£1048	16 6

Amount brought forward				£1048 16 6
BEER, ALE, AND LIQUOR—				
3172 gallons Common Beer			£52 17 4	
360 ,, Table Beer			10 10 0	
56 ,, Ale			3 14 0	
18 ,, Porter			1 16 0	
15 ,, Whisky			14 5 0	
6 dozen Port			12 0 0	
1½ ,, Sherry			2 14 0	
1 ,, Claret			1 16 0	
1 ,, Potash			0 6 0	
1 ,, Lemonade			0 6 0	
1 ,, Ginger Ale			0 6 0	
			£100 10 4	
Deduct—				
Stock on hand at 31st March 1886	£14 3 6			
Less—Stock on hand at 31st March 1885	13 19 3			
			0 4 3	
				100 6 1
BREAD—				
30,415¼ Loaves			£509 11 5	
Fancy Bread			12 13 9	
Biscuits			5 6 9	
13¾ cwts. Flour			13 0 6	
			£540 12 5	
Add—				
Stock on hand at 31st March 1885	£3 15 3½			
Less—Stock on hand at 31st March 1886	1 6 11			
			2 8 4½	
				543 0 9½
BARLEY AND PEASE—				
37 cwts. Pease (Split)			£17 12 9	
12½ ,, ,, (Blue)			6 7 6	
70 ,, Barley			35 5 10	
			£59 6 1	
Add—				
Stock on hand at 31st March 1885	£4 12 5			
Less—Stock on hand at 31st March 1886	3 3 8			
			1 8 9	
				60 14 10
Amount carried forward				£1752 18 2½

Amount brought forward -		- -	£1752 18 2½
CHEESE—			
4772 lbs. Cheese - - - -		£60 15 2½	
Deduct—			
Stock on hand at 31st March 1886 - -	£9 7 10		
Less—Stock on hand at 31st March 1885 -	2 13 9		
		6 14 1	
			54 1 1½
EGGS, POULTRY, &c.			
624 dozen Eggs - - - -		£32 6 0	
62½ pairs Fowls - - - -		17 6 6	
28 ,, Rabbits - - -		3 10 0	
1 Turkey - - - -		0 14 0	
		£53 16 6	
Deduct—			
Stock on hand at 31st March 1886 - -	£0 10 0		
Less—Stock on hand at 31st March 1885 -	0 3 2		
		0 6 10	
			53 9 8
FISH—			
93 cwts. 3 qrs. 21¾ lbs. Fish - -		£108 4 2	
Deduct—			
Stock on hand at 31st March 1886 - -	£3 8 9		
Less—Stock on hand at 31st March 1885 -	2 6 2		
		1 2 7	
			107 1 7
SUNDRY GROCERIES—			
184 lbs. Mustard - - -		£9 4 0	
50 cwts. Salt - - - -		4 7 6	
12 drums Table Salt - - -		0 1 6	
224 lbs. Currants - - -		3 10 7½	
224⅜ ,, Raisins - - -		3 14 6	
210 ,, Coffee - - -		11 5 2	
85 ,, Pepper - - -		2 4 5	
14 ,, Arrowroot - - -		0 7 0	
42 ,, Tapioca - - -		0 7 0	
28 cwts. Rice - - -		18 11 0	
42 lbs. Corn Flour - - -		0 15 5	
42 ,, Mixed Spice - - -		1 15 0	
3 dozen packets Baking Powder -		0 1 10	
112 lbs. Jam and Jelly - -		1 10 7	
4 ,, Curry Powder - -		0 5 8	
1 ,, Black Sugar - - -		0 1 7	
Orange and Citron Peel, Sweet Almonds, Cloves, Cinnamon, &c., - -		0 12 10	
Amounts carried forward		£58 15 7½	£1967 10 7

Amounts brought forward -		£58 15 7½	£1967 10 7
6 Lemons - - - -		0 1 2	
Fruit - - - - -		3 7 9	
7 lbs. Gelatine - - - -		0 2 4	
3 dozen bottles Vinegar - - -		0 13 6	
2 ,, ,, Ketchup - - -		1 12 0	
2 ,, ,, Essence of Lemon -		0 7 9	
		£65 0 1½	
Deduct—			
Stock on hand at 31st March 1886 - -	£8 7 0		
Less—Stock on hand at 31st March 1885 -	5 16 4		
		2 10 8	
			62 9 5½
MILK—			
1,370 gallons Milk - - -		£65 7 0	
Add—Dairy Supplies, 9,058 gallons -		424 17 4	
		£490 4 4	
Add—			
Stock on hand at 31st March 1885 - -	£0 7 7		
Less—Stock on hand at 31st March 1886 - -	0 5 6		
		0 2 1	
			490 6 5
MEAL—			
84 bolls Oatmeal - - -		£72 9 0	
Add—			
Farm and Garden Supplies, 77 bolls 118 lbs. - - - -		67 2 9	
		£139 11 9	
Add—			
Stock on hand at 31st March 1885 - -	£30 0 9		
Less—Stock on hand at 31st March 1886	7 13 5		
		22 7 4	
			161 19 1
POTATOES AND VEGETABLES - -		£4 2 10	
Add—			
Farm and Garden Supplies - -		167 12 0	
		£171 14 10	
Add—			
Stock on hand at 31st March 1885 -		2 7 1	
			174 1 11
Amount carried forward -		-	£2856 7 5½

Amount brought forward - - -				£2856 7 5½
SUGAR—				
89 cwts. 0 qrs. 14 lbs. Sugar - -		£72 19 4		
Add—				
Stock on hand at 31st March 1885 - -	£3 19 0½			
Less—Stock on hand at 31st March 1886 -	2 9 7			
		1 9 5½		
				74 8 9½
TEA—				
1,189 lbs Tea - - - -		£106 6 8		
Deduct				
Stock on hand at 31st March 1886 - -	£18 7 8			
Less—Stock on hand at 31st March 1885 -	18 5 3			
		0 2 5		
				106 4 3
				£3037 0 6

COALS AND FIREWOOD.

510 tons 13 cwts. 3 qrs. House Coals -		£281 6 1	
120 ,, 18 ,, 1 ,, Furnace ,, -		51 19 6	
1 Year's Rent of Gas Stove - -		0 4 4	
11 tons 5 cwts. 0 qrs. Firewood - -		5 12 6	
		£339 2 5	
Deduct—			
Stock on hand at 31st March 1886	£44 3 9		
Less—Stock on hand at 31st March 1885 - -	43 17 6		
		0 6 3	
			£338 16 2

GAS.

NEW ASYLUM—	
809,100 cubic feet - - - - -	£175 0 4

PATIENTS' EXTRAS.

195 lbs. Tobacco				£35 18 3		
98 ,, Snuff				15 2 2		
18 gross Pipes				1 7 0		
				£52 7 5		
Deduct—						
Stock on hand at 31st March 1886	£7	0	2			
Less—Stock on hand at 31st March 1885	6	1	6			
				0 18 8		
					£51	8 9

SOAP, &c.

1 ton 0 cwts. 1 qr. 27 lbs. Washing Soda				£3 11 9½		
84 lbs. Starch				1 1 0		
1 ton 4 cwts. 3 qrs. 5 lbs. Best Soap				27 17 11		
2 cwts. 3 qrs. 20 lbs. White Soap				4 10 2½		
3 cwts. Disinfecting Powder				2 12 6		
30 firkins Soft Soap				13 17 6		
3 qrs. Extract of Soap				1 1 0		
2 cwts. Bees'-wax				17 14 8		
4 gross Black Lead				0 18 0		
2 ,, Blacking				0 5 4		
12 doz. pots Polishing Paste				1 13 0		
14 lbs. Borax				0 11 2		
1 doz. pots Furniture Polish				0 7 0		
¼ gross Soap Tablets				0 12 0		
1 cwt. Whiting				0 2 0		
				£76 15 1		
Add—						
Stock on hand at 31st March 1885	£57	4	6½			
Less—Stock on hand at 31st March 1886	47	3	6			
				10 1 0½		
					£86	16 1½

AT THE

ANNUAL COURT OF DIRECTORS

OF THE

DUNDEE ROYAL LUNATIC ASYLUM,

HELD IN THE TOWN HALL OF DUNDEE,

ON MONDAY, 21ST JUNE, 1886,

WILLIAM ROBERTSON, ESQ., IN THE CHAIR;

The Secretary read the Annual Report of the Directors.

Mr CHARLES SCOTT moved that the Report now read be adopted as the Sixty-sixth Report of the Institution, which was agreed to.

Dr. RORIE read the Medical Report.

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

MEDICAL REPORT.

21st JUNE, 1886.

On the 15th June, 1885, the date of last annual meeting, the number of patients resident in the Asylum was 123 males and 170 females; total 293. Of these, 50, namely 21 males and 29 females, were private patients, and 243, namely 102 males and 141 females, were paupers.

149 have since been admitted, of whom 56 were males and 93 females. 20 of these were private cases, *i.e.*, patients the expense of whose maintenance was defrayed by their relatives or friends; and 129 were pauper patients, sent in by, or afterwards found chargeable to, the following parishes:—Dundee, Forfar, Kirriemuir, Montrose, Blairgowrie, Lundie, Mains and Strathmartine, Caputh and Auchtergaven.

The total number under treatment has therefore been 442, being 51 less than that of last year.

Of these 41 have been discharged recovered, namely, 11 males and 30 females, 9 being private and 32 pauper patients; 3 males and 4 females were transferred to other Asylums, being chiefly pauper patients chargeable to parishes beyond this district; 33 males and 29 females were transferred to Lunatic Wards of Dundee Poorhouses; 4 male patients were removed from the Asylum by minute of the Dundee Parochial Board; 3 female private patients and 1 pauper female were removed home by their friends.

40 patients have died, of whom 22 were males and 18 females.

There remain therefore at the present date 106 males and 178 females; total 284.

The percentage of recoveries, calculated on the number admitted, is consequently 27·51; while that of the deaths, calculated on the whole number under treatment, is 9·04.

33 of the patients were found to be suffering from monomania; 25 from dementia; 28 from melancholia; 18 from acute mania; 8 from chronic mania; 11 from epileptic mania; 5 from recurrent mania; 3 from puerperal mania; 9 from mania à potu; 5 from idiocy; and 14 from general paralysis.

No improvement can yet be reported as to the physical condition of the patients on admission. Only 37 could be said to be in good health; 68 were in a fair, and 44 in a frail, state. This has again had the effect of very considerably augmenting the death rate, 9 patients having died within two months of their admission.

Of the pauper patients admitted, 30 were received from the Dundee Poorhouses, 21 of these being re-transfers or cases unsuitable for detention in the Lunatic Wards of these Establishments, the other 9 being admitted from the Ordinary Wards; 12 were brought from the Police Office; 7 from other Asylums, and 3 from the Dundee Prison.

Several of the patients were well advanced in years, five being over 65, and three over 70 years of age.

The duration of treatment of those discharged recovered was as follows:—one under 1 month; nine from 1 to 3 months; twelve under 6 months; five under 9 months; one under a year; five under 2 years; three under 3 years; two under 5 years; one under 7 years; whilst one had been resident in the Asylum for nearly 12 and another for nearly 20 years.

The causes of death during the year were as follows:—2 died from apoplexy; 11 from general paralysis; 6 from epilepsy, complicated in two cases with pneumonia and in one with acute meningitis; 4 from phthisis; 2 from pneumonia; 4 from dysenteric diarrhœa and peritonitis; in one case each, paralysis, hemiplegia, acute bronchitis, empyema, cancer of stomach, tubercular pyelo-nephritis, exhaustion and gangrene were the causes of the fatal result. Post mortem examinations were made in 23 cases.

Such are the statistical results for the year just ended, and if these be compared with the results of former years, it will be seen at once how thoroughly the character of the population has changed.

This will be best shown by a comparison of the last three decenial periods. During the ten years terminating 1864, that is previous to the opening of the Lunatic Wards of the Poorhouses, 369 patients were admitted into the Asylum, 185 were discharged recovered, 75 not recovered, and 109 died. These changes took place on an average annual resident population of 211·5.

During the next ten years, terminating 1874, 642 patients were admitted, 259 were discharged recovered, 268 left not recovered, and 136 died. These changes occurred on an average annual resident population of only 183·3.

During the ten years ending 1884, 1202 patients were admitted, 426 discharged recovered, 349 not recovered, and 241 died. These changes took place on an average annual resident population of 262·1.

During the last two years this state of matters has been even further intensified, for during this time 272 patients were admitted, 101 were discharged recovered, 175 not recovered, and 82 died, these changes taking place on an annual resident population of 308.

But not only has this activity in the movements of the population in the Dundee Asylum greatly increased of late years, but it will be found to be much in excess of what occurs in other similar Institutions.

This will be best seen from the following table, where the changes in the populations are given for corresponding periods in the Montrose and Dundee Asylums, and their percentages calculated on the average annual numbers resident.

Years.	DUNDEE ASYLUM.					MONTROSE ASYLUM.				
	Admissions	Disch'rg. and Deaths	Total Average Annual Resident	Per cent. Admitted on 100 Average Resident	P.C. Discharged and Deaths on same	Admissions	Disch'rg. and Deaths	Total Average Annual Resident	Per cent. Admitted on 100 Average Resident	P.C. Discharged and Deaths on same
1859 to 1864	151	151	1038	14·54	14·54	1024	801	2306	44·4	34·7
1864 to 1874	642	663	1883	35·02	36·17	1023	1105	3946	25.9	28·
1874 to 1884	1202	1016	2621	45·86	38·76	1232	1116	4636	26·5	24·07
Year 1885	123	200	336	36·61	59·52	125	142	526	23·76	26·99
Year 1886	149	158	280	53·1	56·4	106	130	493	21·50	26·37

It is of great importance that this should be thoroughly understood, because this activity of movement necessarily gives rise to a greater expenditure, partly in consequence of the increased tear and wear which it occasions, and partly in consequence of the necessity of a larger staff of attendants having to be maintained than would otherwise be required.

The character of the Institution is, however, affected in another way. The pauper patients allowed to remain in the Asylum chiefly belong to the epileptic and paralytic class, and those whose physical condition requires special attention. When this is kept in view, and the large increase in the numbers admitted, it will be seen that the Institution is becoming year by year more and more a Hospital for the curative treatment of the insane and for the treatment of persons suffering from paralysis, epilepsy, and other allied nervous diseases, and year by year less a place of the detention of the insane for the safety of the public; and this purely medical aspect of the question is one which ought to be kept prominently in view, the more especially as the establishment of medical classes in connection with the University College seems to be meeting with greater and increasing approval on the part of the community generally. Indeed, the question how far the Institution even at present might not be to a certain extent a means of medical education is worthy of consideration. Thus by establishing one or more clinical clerkships, and throwing these open to advanced medical students from any of the Universities or Medical Schools as might be desirous of acquiring a practical acquaintance with the treatment of the insane, a satisfactory commencement would be made in this direction at scarcely any cost to the Institution, or at least a cost which would be more than compensated for by the additional assistance that would be in this manner rendered in the individual treatment of the patients and in pathological investigation and research. The opportunities available in this direction have long appeared to me to be too little taken advantage of, and it is with satisfaction that I can now report the accomplishment of what has been a long cherished desire on my part—the establishment of a

thorough and systematic pathological examination in all cases where permission can be obtained. In connection with this department the foundation of a pathological museum has now been laid, which already is interesting, and in after years will no doubt prove of greater value.

In connection with the medical details, I have also to report that the hospital on the female side has now been painted, furnished, and set apart for its proper work. Hitherto it has been used as a supplementary dormitory; but during the greater part of the past year it has been used exclusively for the sick. When any illness occurs on the female side, the patient is at once transferred to this building, and the treatment of these patients can thus be more satisfactorily conducted.

The laying out of the grounds, referred to in last report, has been considerably advanced, but from two causes not so rapidly as could be desired. This has been due, in the first place, to the severity of the winter, rendering out-door labour for many weeks impossible; and, secondly, to the removal of a large number of our best working and most trustworthy patients. The road round the property for the exercise of the patients has been considerably extended. A large number of trees has been planted on the north and east sides of the grounds, and hedges have been planted along the north side of the grass park used for sewage irrigation, round the cesspool, the vegetable garden, and laundry green.

A good deal of difficulty has been experienced in the distribution of the sewage. When the Institution was opened and occupied, the sewage was distributed over the vegetable garden and adjoining grass field, and the system then adopted was by breaking up the current into numerous small streams by opening up small tracks with the spade, regulating the distribution where most required. This seemed to answer well for a time, and the effect on the growth of the vegetables was very marked, while four cuttings of grass were obtained from the grass field. When it was resolved, however, to retain this field for pasture, and the sewage was turned on the potato and turnip fields, the results were not so satisfactory, as from the porous

nature of the ground, and old stone drains, the filtration of the sewage was not so complete. It was therefore decided to turn it again on the grass, and in order that the most improved system should be adopted, a Sub-Committee visited and inspected the Stirling and Inverness Asylums, where the sewage irrigation was in operation, and also the Forfar Sewage Farm. The system in operation at Forfar was the one found most suitable for our arrangements. Briefly, this consists in turning the sewage on grass during the spring, summer, and autumn, and on flat deeply-trenched pieces of ground, laid out in flat plots, surrounded by small embankments, for growing rhubarb, vegetables, roots, &c., and on which the sewage can with safety be turned during frosty weather, when it would be destructive to the grass. With this view the two south fields, of about eight acres each, are to be divided by hedge rows into three, so that two shall always be available and in grass when the third has to be ploughed up and resown, the lower and flat portions being levelled, trenched, and prepared in the manner as above stated. It is expected this will give thoroughly satisfactory results

With regard to in-door work, great advance has now been made with the painting of the house. The scullery, dining-hall, kitchen, and hospital have been finished, while the amusement hall is at present being done. This work is still being accomplished by patients, under the supervision and direction of the Head Male Attendant, and is done in a very tasteful and satisfactory manner. The amusements, entertainments, &c., during the past year have been more numerous and more varied than formerly. In addition to the fortnightly balls, in which all join, weekly drawing-rooms were established, exclusively for the private patients, and proved a very agreeable and pleasant addition to the recreations of this class. The following list of the principal events, however, will give a better idea than can otherwise be done of their number and variety:—

Oct. 14, 1885.—First Concert of the season. Songs, Music, and Readings by Officials, Patients, and those connected with the Institution.

Oct. 28.—Christy Minstrel Performance, by Officials, Attendants, and Patients—10 in all.

Nov. 16.—Lecture on Astronomy.

Nov. 25.—Concert by Lift Church Choir, under leadership of Mr Borroughs.

Dec. 23.—Christmas Ball, in which many of the Directors and a select company of Visitors from town joined.

Jan. 16, 1886.—Lecture on Water, illustrated by Chemical Experiments, by Dr. Reid.

Jan. 27.—Magic Lantern Exhibition—Trip across the Atlantic.

Feb. 10.—2nd do. Views of London.

Feb. 13.—Party of Patients to visit Pantomime in town, through kind invitation of Mr M'Farland.

Feb. 24.—Private Theatrical Performance by Staff—"Area Belle."

Mar. 10.—Second Theatrical Performance by Staff—"Turn him out."

In addition to the usual out-door games, on two occasions athletic sports were held—one in September last year, and the other in May. Both were eminently successful, and were keenly joined in by the patients.

Many of the improvements suggested in last year's report have been given effect to, such as the passing of the Bye-laws, &c. Some, however, still remain in abeyance; and it is to be hoped that ere long telephonic communication will be established with Dundee, recent experiences in the case of outbreak of fire in this district and in similar Institutions having proved its extreme necessity.

On the resignation of the Matron in November last, it was considered advisable that the duties required of her should be divided between a Head Female Attendant or Lady Superintendent and a Housekeeper. This was accordingly given effect to, and the change has been found a beneficial one. Not only has more individual attention been secured to the various duties, but it has led to a considerable increase in the number of the patients employed, and to much greater general contentment. As these officers take their meals with the private patients, this also secures that the food will be always in good condition and served with propriety.

In such an Institution as an Asylum for the Insane, great importance is to be attached to the manner in which the attendants discharge their duties, and instruction in regard to this has hitherto in a great measure been dependent on printed rules and verbal instruction imparted from time to time during the visits. Of late years it has, however, been very generally agreed that a more thorough system should be attempted, and that the attendants should not only be told their duties, but by instructive hand-books and systematic lectures they should be made more thoroughly and intimately acquainted with the nature of the work expected from them. In accordance with this view, several of the hand-books recently published by a Sub-Committee of the Medico-Psychological Association have been procured and placed at the disposal of the attendants and servants, and a commencement of a course of lectures was made, five being delivered to the male attendants.

No suicide nor serious accident has occurred during the past year, and although a few attempts at escape were made, only one patient was absent from the Asylum for more than 24 hours, and in this case he returned to the Asylum of his own accord.

I cannot conclude without again referring to the valuable help which Dr. Baker, the Medical Assistant, continues to give to the Institution; and to the interest taken by the Rev. Mr Wilson, the Chaplain, in his duties, and the appreciation of his services by the inmates. The other officers and the attendants continue to discharge their duties satisfactorily.

JAMES RORIE.

STATISTICAL TABLES

FOR THE YEAR ENDING 21ST JUNE, 1886.

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

TABLE I.

Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year ending 21st June, 1886.

	Males.	Fem.	TOTAL.	Males.	Fem.	TOTAL.
In the Asylum, June 15, 1885 ..	123	170	293	123	170	293
Cases admitted—						
First admissions	41	60	101			
Not first admissions	15	33	48			
				56	93	149
Total cases under care during the year	...	...	...	179	263	442
Cases discharged—						
Recovered	11	30	41			
Relieved	26	27	53			
Not improved	14	10	24			
Cases Died	22	18	40			
Total cases discharged and died during the year	...	...	...	73	85	158
Remaining in Asylum, June 21, 1886	...	...	...	106	178	284
Average number resident during year	108	172	280			
Persons under care during year ...	171	252	423			
Persons admitted	56	91	147			
Persons received	11	30	41			
Cases transferred to this Asylum*	2	5	7			
,, ,, from ,, ,, *	3	4	7			
,, removed to Lunatic wards, Dundee Poorhouses, from this Asylum	33	29	62			
Cases sent from Lunatic wards of Dundee Poorhouses to this Asylum	9	12	21			

*From other Asylums.

TABLE I. A.

Showing (1) *the Previous Attacks among Persons admitted during the year* 1885-86, *and* (2) *the Number of Times they had previously recovered in this or any Asylum.*

(1) Number of Previous Attacks.	Persons.		
	Males.	Fem.	Total.
Have had 1 attack	4	12	16
,, ,, 2 attacks	1	7	8
,, ,, 3 ,, ...	0	2	2
Has ,, 12 ,, ...	1	0	1

(2) Number of Times Patients Recovered.	In this Asylum.			In any Asylum.		
	M.	F.	Total	M.	F.	Total
Once	4	11	15	0	2	2
Twice	0	5	5	1	1	2
3 times	0	0	0	0	2	2
12 ,, ...	0	0	0	1	0	1

TABLE II.

Showing the Admissions, Discharges, and Deaths from the Opening of the Asylum to the 21*st June* 1886.

	Males.	Fem.	Total.	Males.	Fem.	Total.
Persons admitted during the period of 66 years	1483	1706	3189			
Re-admissions	388	447	835			
Total cases admitted	...	...	...	1871	2153	4024
Discharged cases—						
Recovered	725	948	1673			
Relieved	433	588	1021			
Not improved	108	97	205			
Died	499	342	841			
Total cases discharged and died since the opening of the Asylum	...	...	..	1765	1975	3740
Remaining 21st June 1886 ..	...	...	...	106	178	284
Average number resident during the 66 years *	99	98	197			
Transferred to this Asylum ...	36†	58†	94			
,, from this Asylum ...	101†	108†	209			

* Average taken from 1829-30.
† Does not include changes to Lunatic Wards of Poorhouses.

TABLE II. A.

Showing the Admissions and Recoveries of Persons from 1st April 1820 to 21st June 1886 (66 years).

History of Recoveries of Persons.				The same, only omitting all Persons transferred from other Asylums.		
	Males.	Fem.	TOTAL.	Males.	Fem.	TOTAL.
Persons admitted during the 66 years	1483	1706	3189	1464	1681	3143
Of whom were discharged recovered during the same period, being 42.11 per cent. of persons admitted	561	782	1343	556	773	1329 42.28°/₀
Of whom were re-admitted relapsed	171	191	362	169	189	358
Leaving recovered persons who had not relapsed	390	591	981	387	584	971
Relapsed persons discharged recovered	56	50	106	56	48	104
Net recovered persons, being 34·08 per cent. of persons admitted	446	641	1087	443	632	1075 34.20°/₀

TABLE IV.—*Showing the history of the Annual Admissions since June* 1857, *with the Discharges and Deaths and the Numbers of each year remaining on the* 21*st June* 1886.

Year.	Admitted. New Cases.		Admitted. Relapsed Cases.			Of each Year's Admissions Discharged and Died in 1885-86. Recovered			Relieved			Not Improved.			Died.			Total Discharged and Died of each Year's Admissions to 21st June 1886. Recovered.			Relieved.			Not Improved.			Died.			Remaining of each Year's Admissions, 21st June 1886.		
	M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1820-1857	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	.	..	...	...	8	5	13
57- 58	17	11	3	4	35	...	...	...	...	...	...	...	...	...	...	...	...	9	9	18	2	5	7	4	0	4	4	0	4	1	1	2
58- 59	17	22	3	6	48	...	...	...	...	...	...	...	...	...	...	...	...	7	13	20	4	8	12	2	4	6	7	3	10	0	0	0
59- 60	21	13	8	5	47	...	...	...	...	...	...	...	...	...	...	...	...	13	11	24	3	2	5	4	2	6	8	3	11	1	0	1
60- 61	14	6	6	0	26	...	...	...	...	...	...	...	...	...	...	...	...	7	4	11	4	1	5	1	0	1	8	0	8	0	1	1
61- 62	13	8	2	0	23	...	...	...	1	...	1	...	...	...	...	...	...	5	5	10	4	2	6	0	0	0	6	0	6	0	1	1
62- 63	8	10	3	1	22	...	...	...	...	...	...	...	...	...	...	...	...	5	8	13	1	0	1	1	1	2	3	2	5	1	0	1
63- 64	16	10	1	6	33	...	...	...	...	...	...	...	...	...	...	...	...	10	7	17	0	3	3	4	3	7	3	2	5	0	1	1
64- 65	12	17	2	5	36	...	...	...	...	...	...	...	...	...	...	...	...	6	9	15	3	5	8	0	1	1	5	5	10	0	2	2
65- 66	27	52	11	11	101	...	...	...	...	...	...	...	...	...	1	...	1	16	28	44	3	20	23	5	2	7	13	12	25	1	1	2
66- 67	27	34	8	5	74	1	...	1	2	...	2	...	...	...	2	...	2	14	16	30	10	10	20	2	2	4	7	9	16	2	2	4
67- 68	22	27	4	8	61	...	...	...	...	...	...	1	...	1	...	...	...	8	15	23	4	10	14	5	2	7	8	5	13	1	3	4
68- 69	29	17	8	3	57	...	...	...	1	...	1	...	...	...	...	...	...	10	10	20	12	6	18	4	0	4	10	3	13	1	1	2
69- 70	19	11	3	2	35	...	...	...	...	...	..	...	...	...	...	...	...	6	10	16	6	1	7	1	0	1	9	2	11	0	0	0
70- 71	18	31	6	4	59	...	...	...	...	...	...	1	...	1	...	...	...	7	18	25	9	8	17	1	2	3	6	6	12	1	1	2
71- 72	26	39	5	6	76	...	...	...	...	...	...	...	...	...	...	...	...	13	26	39	6	10	16	2	3	5	9	5	14	1	1	2
72- 73	23	36	8	11	78	...	...	...	1	...	1	...	...	...	1	...	1	15	19	34	7	15	22	0	2	2	8	8	16	1	3	4
73- 74	21	26	8	10	65	...	...	...	...	...	...	...	...	...	...	...	...	13	21	34	5	6	11	3	2	5	7	4	11	1	3	4
74- 75	34	41	4	9	88	...	1	1	...	...	...	...	...	...	...	...	...	10	23	33	13	15	28	1	3	4	12	8	20	2	1	3
75- 76	35	46	10	8	99	...	...	...	1	...	1	1	...	1	...	...	...	15	26	41	14	15	29	3	2	5	10	7	17	3	4	7
76- 77	26	60	9	8	103	...	...	...	...	...	...	...	1	1	...	...	...	14	20	34	11	30	41	4	6	10	5	8	13	1	4	5
77- 78	45	65	8	14	132	...	...	...	...	...	...	1	...	1	...	1	1	14	29	43	13	27	40	8	3	11	18	15	33	0	3	3
78- 79	24	63	12	15	114	...	...	...	1	1	2	1	...	1	...	1	1	13	32	45	10	22	32	5	6	11	5	11	16	3	5	8
79- 80	37	57	4	17	115	...	1	1	2	...	2	..	1	1	...	1	1	19	24	43	11	20	31	0	5	5	9	17	26	2	8	10
80- 81	37	69	6	14	126	...	...	...	...	1	1	...	...	...	2	1	3	12	45	57	9	12	21	2	5	7	17	13	30	3	7	10
81- 82	41	66	9	20	136	...	1	1	1	4	5	3	1	4	1	2	3	19	29	48	11	34	45	4	8	12	11	7	18	5	8	13
82- 83	43	66	10	20	139	1	...	1	2	2	4	2	2	4	...	...	...	21	27	48	13	26	39	5	5	10	11	12	23	3	16	19
83- 84	45	68	12	25	150	...	4	4	6	5	11	1	3	4	4	...	4	14	36	50	20	22	42	3	13	16	13	10	23	7	12	19
84- 85	40	45	15	23	123	2	9	11	6	9	15	1	...	1	6	4	10	10	23	33	11	15	26	2	3	5	15	8	23	17	19	36
85- 86	41	60	15	33	149	7	14	21	2	5	7	2	2	4	5	7	12	7	14	21	2	5	7	2	2	4	5	7	12	40	65	105
Total, .	73	1016	388	260	2201	11	30	41	26	27	53	14	10	24	22	18	40	332	557	889	221	355	576	78	87	165	252	197	449	106	178	284

SUMMARY OF TOTAL ADMISSIONS, 1820-1886.	Males.	Females.	Total.
Percentage of Cases Recovered	38·2	44·	40·6
" Relieved	23·7	27·3	25·7
" Not Improved	5·7	4·5	5·1
" Died	26·7	15·9	21·3
" [illegible]	[illegible]	[illegible]	[illegible]

TABLE III.—*Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality and proportion of Recoveries per cent. of the admissions for each year since the Opening of the Asylum.*

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.	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	9·52	25·00	16·21	3,27	9·61	6·19
1832-1833	23	24	47	11	13	24	7	4	11	...	...	...	7	3	10	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	8	2	10	...	...	...	8	2	10	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	7	16	...	...	...	5	4	9	94	89	183	96	84	180	72·41	31·25	60·78	5·20	4·80	5·00
1843-1844	25	22	47	6	14	20	8	7	15	...	...	...	10	2	12	95	88	183	97	90	187	24·00	63·63	42·55	10 31	2·22	6·41
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	8·00	6·66	7·37
1845-1946	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	28·57	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	52·00	42·10	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	36·00	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	6	...	...	...	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	...	3	12	7	19	7	7	14	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	1	9	113	99	212	115	101	216	48·27	72·22	57·44	6·95	·99	4·15
1860-1861	20	6	26	9	6	15	3	1	4	...	2	2	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	...	1	10	1	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	1	1	2	6	3	9	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	1	1	...	1	4	2	6	108	97	205	110	98	208	47·05	68·88	57·57	3·53	2·04	2·88
1864-1865	14	22	36	6	5	11	15	17	32	22	7	29	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	9	7	16	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	2	2	4	5	7	12	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	...	1	6	8	14	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	5	1	6	12	6	18	105	95	200	97	97	194	21·62	50·00	31·57	12·37	6·18	9.20
1869-1870	22	13	35	5	6	11	7	6	13	7	3	10	7	4	11	101	89	190	108	93	201	13·63	46·15	25·71	6·04	4·03	5·04
1870-1871	24	35	59	10	15	25	8	18	26	3	1	4	10	3	13	94	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	1	2	3	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	1	9	6	15	104	103	207	99	97	196	39·47	42·00	40·90	9,09	6·18	7·65
1875-1876	45	54	99	10	29	39	11	16	27	1	2	3	9	7	16	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	1	2	3	12	6	18	112	114	226	113	110	223	45·71	27·94	33·99	10·62	5·45	8·07
1877-1878	53	79	132	12	27	39	16	19	35	3	2	5	12	13	25	122	132	254	117	123	240	22·64	34·17	29·54	10·25	10·56	10·41
1878-1879	36	78	114	14	24	38	17	16	33	6	4	10	14	14	28	107	152	259	110	139	249	38·88	30·76	33·33	12·72	10·07	11·24
1879-1880	41	74	115	16	27	43	10	34	44	...	2	2	11	15	26	111	148	259	112	143	255	39·02	36·48	37·30	9·82	10·49	10·19
1880-1881	43	83	126	18	34	52	10	10	20	...	1	1	12	10	22	114	176	290	115	158	273	41·86	40·96	41·27	10·45	6·33	8·06
1881-1882	50	86	136	13	24	37	9	24	33	1	2	3	14	13	27	127	199	326	120	187	307	26·00	27·90	26·47	10·66	6·94	8·79
1882-1883	53	86	139	19	42	61	12	17	29	1	1	2	14	19	33	134	206	340	130	194	324	35·84	48·83	44·60	10·77	9·79	10·18
1883-1884	57	93	150	18	28	46	17	25	42	...	1	1	16	15	31	140	230	370	131	208	339	31·57	30·13	30·60	12·21	7·21	9·11
1884-1885	55	68	123	20	40	60	19	39	58	11	29	40	23	19	42	123	170	293	134	202	336	36·36	58·82	48·78	17·31	9·40	12·50
1885-1886	56	93	149	11	30	41	26	27	53	14	10	24	22	18	40	106	178	284	108	172	280	19·64	32·25	27·51	20·37	10·46	14·28
	1871	2153	4024	725	948	1673	433	588	1021	108	97	205	499	342	841				99	98	197	35·48	42·35	38·44	8·17	5·41	6·08

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Showing the Causes of Death during the year ending 21st June 1886, with the Ages at Death.

	Under 15 years		15—20		20—25		25—30		30—35		35—40		40—45		45—50		50—55		55—60		60—65		65—70		70—75		75—80		80—85		85—90		TOTALS	
	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.	M.	F.	M.	F.	F.	M.
Cerebral and Spinal Diseases—																																		
Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Hemiplegia, with Phthisis and Heart Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
Apoplexy	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...
General Paralysis	...	...	...	...	...	...	...	...	1	2	1	...	1	...	1	...	...	...	2	...	1	...	1	...	...	1	...	...	...	...	...	...	8	3
,, with acute Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Epilepsy	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
,, with acute Meningitis	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
,, with Pneumonia ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Thoracic Diseases—																																		
Phthisis	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Acute Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Empyema and Heart Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Gangrene of Lung and Cancer of Stomach	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Abdominal Diseases—																																		
Tubercular Pyelo Nephritis, Acute Disease of Organs ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Dysenteric Diarrhœa and Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	4
General—																																		
Exhaustion from Acute Mania	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1
,, ,, Melancholia	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Gangrene, right Foot and Leg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Senile Exhaustion and Heart Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	18

Ascertained by post-mortem in 12 males and 11 females—Total 23.

TABLE VI.

Showing the length of Residence in those discharged Recovered and in those who have died during the year ending June 21, 1886.

Length of Residence.	Recovered.			Died.		
	M.	F.	T.	M.	F.	T.
Under 1 month	...	...	...	3	1	4
1 month and under 3 months ...	2	7	9	3	5	8
3 months and under 6 months ...	5	7	12	2	2	4
6 months and under 9 months ...	1	4	5	...	...	...
9 months and under 12 months ...	1	...	1	2	1	3
1 year and under 2 years ...	...	6	6	4	3	7
2 years and under 3 years ...	...	3	3	1	1	2
3 years and under 5 years ...	1	1	2	1	2	3
5 years and under 7 years ...	...	1	1	2	1	3
7 years and under 10 years ...	...	...	...	...	1	1
10 years and under 12 years ...	...	1	1	...	...	...
12 years and under 15 years ...	...	...	...	1	...	1
15 years and under 20 years ...	1	...	1	2	...	2
20 years and under 25 years ...	...	...	...	1	...	1
25 years and under 30 years ...	...	...	...	...	...	...
30 years and under 35 years ...	...	...	...	...	...	...
35 years and under 40 years ...	...	...	...	...	...	...
40 years and under 45 years ...	...	...	...	...	...	...
45 years and under 50 years ...	...	...	...	...	...	...
50 years and under 55 years ...	...	...	...	...	1	1
Total	11	30	41	22	18	40

TABLE VII.

Showing the Duration of the Disorder on admission in the Admissions, Discharges, and Deaths during the Year 1885-86.

Class.	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Removed Relieved or otherwise.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First Class— First Attack, and within Three Months on admission	24	39	63	6	13	19	17	15	32	8	7	15
Second Class— First Attack, above Three and within Twelve Months on admission ...	10	8	18	4	6	10	4	3	7	6	5	11
Third Class— Not First Attack, and within Twelve Months on admission	6	24	30	1	9	10	4	8	12	1	2	3
Fourth Class— First Attack or not, but of more than Twelve Months on Admission ...	13	19	32	...	2	2	10	9	19	6	4	10
Fifth Class— Congenital	3	3	6	...	...	...	5	2	7	1	...	1
Total	56	93	149	11	30	41	40	37	77	22	18	40

TABLE VIII.

Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1885-86, *and of those remaining on June* 21, 1886.

Ages.	The Admissions.			Recovered.			The Deaths.			Patients Resident, 21st June.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
5 years and under 10 years	...	...	...	...	...	...	...	...	...	...	...	...
10 ,, ,, ,, 15 ,, ...	...	...	...	...	...	...	...	...	...	...	...	...
15 ,, ,, ,, 20 ,, ...	2	1	3	...	1	1	...	...	...	4	3	7
20 ,, ,, ,, 25 ,, ...	5	8	13	1	2	3	3	...	3	8	9	17
25 ,, ,, ,, 30 ,, ...	3	14	17	...	2	2	...	1	1	12	23	35
30 ,, ,, ,, 35 ,, ...	10	12	22	4	4	8	1	3	4	14	17	31
35 ,, ,, ,, 40 ,, ...	2	14	16	1	6	7	3	1	4	10	25	35
40 ,, ,, ,, 45 ,, ...	8	11	19	2	5	7	3	...	3	15	23	38
45 ,, ,, ,, 50 ,, ...	2	10	12	...	5	5	4	2	6	6	19	25
50 ,, ,, ,, 55 ,, ...	11	5	16	2	1	3	2	1	3	14	12	26
55 ,, ,, ,, 60 ,, ...	7	8	15	1	2	3	1	1	2	9	18	27
60 ,, ,, ,, 65 ,, ...	3	5	8	...	1	1	2	2	4	6	14	20
65 ,, ,, ,, 70 ,, ...	2	3	5	...	1	1	2	1	3	5	7	12
70 ,, ,, ,, 75 ,, ...	1	2	3	...	...	...	...	3	3	2	2	4
75 ,, ,, ,, 80 ,, ...	...	...	...	...	...	...	1	1	2	...	4	4
80 ,, ,, ,, 85 ,, ...	...	...	...	...	...	...	...	...	...	1	1	2
85 ,, ,, ,, 90 ,, ...	...	...	...	...	...	...	...	1	1	...	...	...
Unknown	...	...	...	...	...	...	...	1	1	...	...	...
	56	93	149	11	30	41	22	18	40	106	178	284

TABLE IX.

Showing the Condition as to Marriage in the Admissions, Recoveries, and Deaths during the Year 1885-86, *and of the Patients resident June* 21, 1886.

Condition in reference to Marriage.	The Admissions.			The Discharges. Recovered.			The Deaths.			Patients Resident, June 21st.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single	16	42	58	3	12	15	8	10	18	59	109	168
Married	37	39	76	7	14	21	13	5	18	38	43	81
Widowed	2	12	14	1	4	5	1	3	4	9	26	35
Unknown	1	0	1	0	0	0	0	0	0	0	0	0
	56	93	149	11	30	41	22	18	40	106	178	284

TABLE X.

Showing the probable Causes of Insanity in the Patients admitted during the Year 1885-86.

	Number of Instances in which each Cause was assigned.								
	Admissions { No. of Cases, M. 46; F. 93; T. 149.								
	As Predisposing Cause.			As Exciting Cause.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Moral—									
Domestic trouble (including loss of relatives and friends) ...	6	14	20	10	15	25	16	29	45
Adverse circumstances (including business anxieties and pecuniary difficulties) ...	5	6	11	12	17	29	17	23	40
Mental anxiety and worry (not included under the above two heads), and overwork ...	...	...	...	5	7	12	5	7	12
Religious excitement	1	...	1	2	5	7	3	5	8
Love affairs (including seduction)	...	2	2	...	5	5	...	7	7
Fright and nervous shock ...	...	...	...	3	5	8	3	5	8
Physical—									
Intemperance in drink ...	6	5	11	5	9	14	11	14	25
,, ,, sexual ...	...	1	1	1	1	2	1	2	3
Venereal disease	1	1	2	...	...	...	1	1	2
Self-abuse (sexual)	...	...	...	...	...	...	...	...	...
Over-exertion	3	1	4	...	1	1	5	2	7
Sunstroke	1	...	1	...	...	...	1	...	1
Accident or Injury	3	4	7	2	1	3	5	5	10
Pregnancy	...	1	1	...	1	1	...	2	2
Parturition and the puerperal state	...	...	...	...	2	2	...	2	2
Lactation	...	3	3	...	1	1	...	4	4
Uterine and ovarian disorders	...	5	5	...	1	1	...	6	6
Puberty	...	...	...	...	...	...	...	...	...
Change of Life	...	1	1	...	...	...	...	1	1
Fevers	1	1	2	1	1	2	2	2	4
Privation and starvation ...	...	2	2	6	8	14	6	10	16
Old Age	3	2	5	...	...	...	3	2	5
Other bodily Diseases or Disorders...	5	...	5	1	1	2	6	1	7
Previous Attacks	10	2	12	...	...	...	10	2	12
Hereditary influences ascertained (direct and collateral)	4	4	8	...	...	...	4	4	8
Congenital defect ascertained	...	...	...	3	7	10	3	7	10
Other ascertained causes ...	2	...	2	...	1	1	2	1	3
Unknown	6	14	20	5	5	10	11	19	30

TABLE XI.

Showing the form of Mental Disorder on admission in the Admissions, Recoveries, and Deaths of the Year 1885-86, *and the form of Mental Disorder of the Inmates on* 21*st June* 1886.

Form of Mental Disorder.	Admissions.			Recoveries.			Deaths.			Remaining in Asylum. Form of Mental Disorder, 21st June 1886.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Congenital or Infantile Mental Deficiency—												
a. with Epilepsy	1	3	4	...	...	...	1	...	1	1	4	5
b. without Epilepsy	3	2	5	...	...	...	...	...	...	10	11	21
Epilepsy Acquired ...	3	4	7	...	1	1	3	2	5	16	13	29
General Paralysis of Insane	12	2	14	...	...	...	8	1	9	16	5	21
Mania—												
Acute	7	11	18	2	12	14	3	3	6	1	7	8
Chronic	...	8	8	...	...	...	...	1	1	16	36	52
Recurrent ...	1	4	5	...	...	...	...	1	1	6	13	19
A Potu	2	7	9	2	5	7	1	...	1	...	3	3
Puerperal ...	...	3	3	...	2	2	...	...	...	...	...	...
Senile	...	...	...	...	...	...	...	...	...	..	1	1
Melancholia—												
Acute	7	15	22	4	5	9	2	2	4	2	12	14
Chronic	2	4	6	...	...	...	1	2	3	6	21	27
Dementia	11	14	25	...	1	1	1	4	5	22	32	54
Monomania	7	16	23	3	4	7	2	2	4	9	20	29
	56	59	149	11	30	41	22	18	40	106	178	284

TABLE XII.

Showing station or occupation of patients admitted.

MALES.

Accountant	1	Mechanics	2
Baker	1	Millworkers	9
Blacksmith	1	Nightwatchman	1
Boilermaker	1	Painter	1
Carter	1	Potato Merchant	1
Chandler	1	Seamen	2
Clergyman	1	Shipcaulker	1
Clerk	1	Shoemakers	2
Drapers	2	Spiritdealer	1
Engineers	2	Surfaceman	1
Farmers	2	Wire Merchant	1
Ironmoulders	2	Unknown	1
Joiner	1	No occupation	3
Labourers	13		56

FEMALES.

Charwoman	1	Wives of Labourers	4
Domestic Servants	5	Widow of Labourer	1
Laundress	1	Wives of Masons	2
Millworkers	36	,, of Mechanics	2
Seamstress	1	Wife of Millworker	1
Tobacconist	1	,, of Moulder	1
Wives of Blacksmiths	2	,, of Porter	1
Wife of Book Canvasser	1	,, of Policeman	1
,, of Brassfounder	1	Wives of Seamen	4
,, of Cabman	1	Widow of Seaman	1
Wives of Compositors	2	Wives of Shoemakers	4
Wife of Engineer	1	Wife of Solicitor	1
,, of Engine-driver	1	,, of Stableman	1
Widow of Exciseman	1	,, of Upholsterer	1
Wife of Farrier	1	,, of Warehouseman	1
Wives of Fleshers	2	No occupation	8
Wife of French Polisher	1		
,, of Joiner	1		94

TABLE XIII.

The Times of the Patients' Deaths after their Admission into the Asylum, from the Opening of the Institution to June 21, 1886.

Times of Death.	Males.	Females.	Total.
Within 1 fortnight	30	33	63
,, 1 month	20	8	28
,, 3 months	51	34	85
,, 6 ,, ...	46	31	77
,, 9 ,, ...	32	15	47
,, 1 year	22	21	43
,, 2 years	78	40	118
,, 3 ,, ...	39	27	66
,, 4 ,, ...	28	17	45
,, 5 ,, ...	19	13	32
,, 6 ,, ...	20	9	29
,, 7 ,, ...	11	10	21
,, 8 ,, ...	9	11	20
,, 9 ,, ...	7	8	15
,, 10 ,, ...	5	3	8
,, 11 ,, ...	5	3	8
,, 12 ,, ...	6	4	10
,, 13 ,, ...	2	6	8
,, 14 ,, ...	8	5	13
,, 15 ,, ...	5	3	8
,, 16 ,, ...	8	1	9
,, 17 ,, ...	2	4	6
,, 18 ,, ...	5	2	7
,, 19 ,, ...	7	2	9
,, 20 ,, ...	3	1	4
,, 21 ,, ...	2	3	5
,, 22 ,, ...	2	3	5
,, 23 ,, ...	2	3	5
,, 24 ,, ...	2	1	3
,, 25 ,, ...	0	1	1
,, 26 ,, ...	3	1	4
,, 27 ,, ...	1	2	3
,, 28 ,, ...	1	2	3
,, 29 ,, ...	4	1	5
,, 30 ,, ...	3	4	7
,, 31 ,, ...	0	1	1
,, 32 ,, ...	2	2	4
,, 33 ,, ...	1	2	3
,, 34 ,, ...	0	0	0
,, 35 ,, ...	1	1	2
,, 36 ,, ...	1	1	2
,, 37 ,, ...	0	0	0
,, 38 ,, ...	0	0	0
,, 39 ,, ...	1	1	2
,, 40 ,, ...	0	0	0
,, 41 ,, ...	1	0	1
,, 42 ,, ...	0	0	0
,, 43 ,, ...	1	0	1
,, 44 ,, ...	0	1	1
,, 45 ,, ...	1	0	1
,, 47 ,, ...	1	0	1
,, 52 ,, ...	0	1	1
Total	499	342	841

STATEMENT OF FARM CROPPING AND ESTIMATED VALUE OF PRODUCE FOR YEAR 1885.

Field	I.	5½ acres	Oats at £10	£55	0	0
,,	II.	2 ,,	Oats at £10	20	0	0
,,	II.	1 ,,	Tares at £10	10	0	0
,,	III.	5 ,,	Hay at £13	65	0	0
,,	IV.	8 ,,	Oats at £10	80	0	0
,,	V.	8 ,,	Turnips at £13	104	0	0
,,	VI.	3 ,,	Turnips at £13	39	0	0
,,	VI.	5 ,,	Potatoes at £13	75	0	0
,,	VII.	8 ,,	Pasture at £3	24	0	0
Odd Field, 3 acres Oats at £10				75	0	0
Behind Steading, 1 acre Potatoes at £15				15	0	0
				£517	0	0

1886 (Cropping).

Field I. Grass.
,, II. Pasture.
,, III. Oats.
,, IV. 3 acres Potatoes and 5 ,, Turnips.
V. Oats.
VI. Oats and Grass.
VII. Grass.
Odd Fields Grass and 3 acres Turnips.

SALARIES AND WAGES.

Medical Superintendent	£520
Medical Assistant	100
Treasurer	80
Secretary	70
Chaplain	60
Clerk	40
Housekeeper	40
Female Head Attendant	40
Male ,, ,,	60
Storekeeper and Joiner	75
Grieve	52
Gardeners	£56 & 52
Fireman	52
Shoemaker	36
Tailor	36
1 Male Attendant	38
2 ,,	36
1 ,,	34
1 Male Attendant	£31
1 ,,	30
1 ,,	29
4 ,,	28
Care-taker Old Asylum	40
Extra Tailor	12/- per week
1 Cook	£20
1 Kitchenmaid	14
1 Scullery ,,	14
2 Housemaids	each 14
1 Head Laundress	20
2 Under Laundrymaids	each 14
4 Female Attendants	,, 18
1 ,,	17
2 ,,	each 16
7 ,,	,, 14
1 Dairymaid	15

WORK DONE IN SHOEMAKER'S SHOP.

1st April 1885 *to* 1*st April* 1886.

29 pairs	Boots made for Male Patients	£25	10	0
8 ,,	Shoes do. do.	3	1	0
1 ,,	Carpet Slippers do.	0	5	6
172 ,,	Boots and Shoes repaired do.	6	3	9
15 ,,	Braces repaired do.	0	2	6
1 ,,	Leggings repaired do.	0	1	4
8 ,,	Shoes made for Female Patients	2	16	0
1 ,,	Boots do. do.	0	13	6
120 ,,	Boots and Shoes repaired do.	7	9	2
		£46	2	9

WORK DONE IN TAILOR'S SHOP.

1st April 1885 *to* 1*st April* 1886.

50 pairs Trousers made							£23	15	0
25 Jackets	do.						25	0	0
30 Vests	do.						11	5	0
1 Suit	do.						1	0	0
20 Valances	do.						0	11	0
32 pairs Drawers cut							0	8	0
574 pairs Trousers repaired							14	13	4
148 Jackets	do.						6	6	3
103 Vests	do.						2	12	0
13 Suits	do.						1	4	3
15 Coats	do.						0	14	3
1 pair Drawers	do.						0	1	0
2 Shirts	do.						0	1	0
1 Kilt	do.						0	0	6
							£87	11	7

GARDEN PRODUCE SUPPLIED TO ASYLUM.

1st April 1885 *to* 1*st April* 1886.

4134	Hds.	German Greens	£10	2	8
6354	,,	Cabbage	30	15	6
3984	,,	Savoys	9	19	0
2264	lbs.	Potatoes	4	18	9
3876	Rts.	Turnips	8	1	6
481	lbs.	Green Pease	3	0	1
1416	,,	Rhubarb	6	13	5
99	Hds.	Broccoli	0	16	6
484	,,	Cauliflower	4	0	8
10	,,	Pickling Cabbage	0	2	0
192	Rts.	Beet Root	0	8	2
246	lbs.	Beans	0	10	3
462	,,	Strawberries	7	14	0
61½	,,	Gooseberries	0	12	2
28	,,	Black Currants	0	7	0
107	Hds.	Celery	1	6	6
4	lbs.	Apples	0	1	4
		Onions	4	11	10
		Parsley	3	11	6
		Spinach	0	1	6
		Salad	0	18	6
		Leeks	5	4	11
		Brussel Sprouts	0	10	4
		Parsnips	0	5	11
		Lettuce	0	15	6
		French Beans	0	0	6
			£105	10	0

COPY OF THE REPORTS

OF THE

COMMISSIONERS IN LUNACY

ON THE

DUNDEE ROYAL LUNATIC ASYLUM.

DUNDEE ROYAL ASYLUM,
21st October, 1885.

The following statement shows the number and position of the patients at present on the register of Asylum :—

	Private.		Pauper.		Totals.
	M	F.	M.	F.	
Resident, -	27	27	79	140	273
Absent on Probation	0	1	0	0	1
Absent on Pass -	0	0	1	0	1
	27	28	80	140	275

The total number of private patients at present resident is 54, which is 2 more than the number resident at the date of last visit; but the total number of paupers, which is at present 220, shows a decrease in that class of patients of 28 since the same date. Classified according to sex, the present numbers are 106 males, and 167 females, and these figures represent a decrease by 17 in the males, and of 11 in the females. These decreases, when added to those which took place during the previous six months, shew a considerable reduction in the number of inmates. During the whole twelve months there has been a decrease by 35 in the male patients, and by 51 in the females, making a total decrease of 86.

The following changes have taken place since last visit :—

	Private.		Paupers.		Totals.
	M.	F.	M.	F.	
Admissions -	7	5	27	40	79
Discharges recovered	2	5	7	3	17
Discharges unrecovered	0	1	34	42	77
Deaths - -	2	1	9	4	16

The deaths were due in 8 cases to brain disease, in 1 to heart disease, in 3 to pulmonary disease, in 2 to disease of abdominal organs, in 1 to marasmus, and in 1 to exhaustion from mania. The average ages at death for both males and females was 51 years.

The chief cause of the large decrease in the number of inmates is the number of patients who have been transferred to the lunatic wards of the Dundee Poorhouses. Of the 77 patients discharged unrecovered since last visit, 69 have been sent to these wards, the total number transferred during the past 12 months having been 98. Of these only 18 have been sent back as unsuitable. By such transfers there has therefore been a net relief to the crowding of the Asylum by 80 patients.

It may be useful to mention, with reference to these removals, that though there has been a small increase to the amount of accommodation provided in the Poorhouse wards, it is not mainly due to this that they have been able to receive so large a number. The main reason is that the removal from the wards of patients who have ceased to require detention in any institution has been carried out more actively than it had previously been. During the past twelve months between 50 and 60 patients have been removed to care in private dwellings, and the amount of available accommodation for pauper lunatics in the establishment of the district has thus been virtually increased, and the necessity for erecting additional accommodation has been proportionally obviated.

The interior of the Asylum was found in excellent order. The improvements that have been made in the furniture during the present year have given an appearance of comfort to the wards that is very pleasing. A large number of chairs and other seats have been placed both in dayrooms and downstairs; neat tables with suitable table-covers have been introduced; bedside carpets have been supplied in most of the bedrooms; valances and curtains are being extensively furnished to the windows; and linoleum has been laid down in the corridors. There can be no doubt that these additions have affected a very real increase to the comfort and happiness of the inmates.

The painting and ornamentation of the walls; the supply of decorative objects, such as pictures and mirrors; and the waxing of the floors, which are also recent improvements, have helped greatly to give to the institution the appearance of cheerfulness which it now exhibits.

The number of pauper males employed in industrial occupation is now 50, and the number of pauper females so employed is 90, that is from 63 to 64 per cent. of the total numbers resident. These proportions indicate a considerable development of this important branch of Asylum management, showing as it does, that the proportion of the inmates now kept in occupation is a half larger than was recorded for June, 1883.

With the relief of overcrowding, the greater comfort in which the patients are kept, the greater cheerfulness of their surroundings, and the greater attention that is paid to their industrial occupation, they were themselves, as might be expected, found in a much more satisfactory condition than they have been on the occasion of previous visits. This was especially to be observed on the female side of the Asylum, where the want of comfort and order had formerly been most noticeable. There was very general tranquility; no complaints were made, and the appearance of the patients indicated that their requirements are suitably provided for.

The books and registers in the Asylum were examined, and were found regularly and correctly kept. Two accidents are recorded in the register as having occurred since last visit, but neither of them was followed by serious results.

(Signed) JOHN SIBBALD,
Commissioner in Lunacy.

DUNDEE ROYAL ASYLUM,
19th March, 1886.

There are 49 private patients—24 gentleman and 25 ladies—and 234 paupers—82 men and 152 women—at present on the register of the Asylum, and they are all resident except one private patient, a gentleman, who is absent on pass.

Since last visit, 3 private patients, all men, have become paupers.

The changes in the population since the 21st of October are as follows:—

	Private patients.		Pauper patients.		Totals.
	M.	F.	M.	F.	
Admitted -	5	1	17	39	62
Discharged recovered	0	1	5	8	14
Discharged unrecovered	1	2	7	7	17
Dead - -	4	1	6	12	23

Death was due in 7 instances to general paralysis, in 4 to diarrhœa, in 3 to phthisis, in 4 to epilepsy and apoplexy, and in the remaining instances to bronchitis, gangrene of the lung, gangrene of the foot, marasmus, and senile decay. The mean age at death was 50 for the men, and 54 for the women. In the cases of more than one half of those who died, a *post mortem* examination was made. The case-books are carefully and systematically kept.

There is no entry in the Register of Restraint and seclusion, no escape has occurred, and only one accident, and that not of a serious nature, is rcorded.

The number of wet beds last night was only 16, and only 16 patients were found in bed.

Towards the end of last year a somewhat serious form of dysenteric diarrhœa prevailed, and was in some cases fatal. Immediate steps were taken to have the drainage examined, but no defect was found sufficient to account for the occurrence of the epidemic. The appearance of this ailment among the inmates, however, has led to the occupation of the separate building as a hospital for women, a step which will prove very beneficial. The wards of this separate building

are being tastefully decorated, and comfortably furnished. The small ward on the ground floor should be fitted up as a hospital kitchen, and a small copper boiler should be placed behind the fire for the supply of hot water to the building. In similar circumstances this has been found to be a cheap and satisfactory arrangement. It is also suggested, as deserving consideration, that the bath should be moveable instead of being fixed, or at all events, that one moveable bath should be provided.

All parts of the Asylum were found in good order, and very clean, and the patients were tidily and comfortably clothed. Complete tranquility prevailed among the men, and, with a few exceptions, among the women also.

The accommodation provided for private patients is excellent, both as regards those who pay from 15/- to 21/- per week, and as regards those who pay higher rates. The dinner served to these two classes of private patients during the visit was exceptionally good in respect to quantity, quality, cooking, and service. That of the patients paying rates of board from £40 to £50 a year deserved special commendation.

The amusements are frequent and varied. During winter they include a fortnightly dance, theatrical performances, concerts, lectures, and music classes. During summer out-door games are added to these or take their place.

The painting and decoration of the wall has been entirely done by the attendants and patients, and the work is not only very good, but very extensive.

The Books and Registers are carefully kept, and were found written up to date.

(Signed) ARTHUR MITCHELL,

Commissioner in Lunacy.

RATES OF BOARD.

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 is to be paid up for one quarter.

First Class, (including Clothes, &c.)	£0	11	0	per Week.
Second Class	40	0	0	per annum.
Third Class	60	0	0	,,
Fourth Class	120	0	0	,,
Fifth Class	180	0	0	,,

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 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.

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