

**Annual report of the Royal Edinburgh Asylum for the insane : For the year ending 31st December 1870.**

**Contributors**

Royal Edinburgh Asylum.  
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ANNUAL REPORT

OF THE

ROYAL EDINBURGH ASYLUM

FOR

THE INSANE.

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FOR THE YEAR ENDING 31<sup>ST</sup> DECEMBER 1870.

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EDINBURGH:

PRINTED AT THE ROYAL ASYLUM PRESS.

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M D C C C L X X I.

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FOR THE YEAR ENDING 31st DECEMBER 1870.

EDINBURGH:

PRINTED BY W. & A. C. BLACK, 10, N. BRIDGE STREET.

MDCCCLXXI.

# ROYAL EDINBURGH ASYLUM.

*Patroness—The Queen.*

OFFICE-BEARERS FOR 1871.

GOVERNOR—

THE DUKE OF BUCCLEUCH AND QUEENSBERRY.

DEPUTY-GOVERNORS.

The EARL OF STAIR.  
CHAS. COWAN, Esq.

DUNCAN M'LABEN, Esq., M.P.  
E. S. GORDON, Esq., Q.C.

EXTRAORDINARY MANAGERS.

Lord Provost of the City of Edinburgh.	Sheriff of the County of Edinburgh.
Lord President of the Court of Session.	Principal of the University of Edinburgh.
Lord Justice-Clerk of the Court of Justiciary.	President of the Royal College of Physicians.
Lord Advocate of Scotland.	President of the Royal College of Surgeons.
Solicitor-General of Scotland.	Senior Minister of Edinburgh.
Dean of the Faculty of Advocates.	Master of the Merchant Company.
Deputy-Keeper of Her Majesty's Signet.	Preses of the Society of Solicitors.
Members of Parliament for the City.	Dean of Guild of the City.
Member of Parliament for the County.	Deacon Convener of the Trades.

ORDINARY MANAGERS.

The Lord Provost (*ex-off.*)  
Charles Cowan, Esq.  
Alex. G. Home, Esq., M.D.  
Thomas Swanston, Esq.  
Alexander Auchie, Esq.  
David Curror, Esq.  
Robert Omond, Esq., M.D.  
James Lewis, Esq.

William Skinner, Esq.  
David Dickson, Esq.  
Robert Lee, Esq., Advocate.  
James Wilson, Esq.  
D. J. Brakenridge, Esq., M.D.  
James Blackadder, Esq.  
Alex. Brown, Esq.

MEDICAL BOARD.

President of the Royal College of Physicians—President of the  
Royal College of Surgeons—Professor Maclagan—  
Professor Christison—Dr Alexander Wood.

DR SKAE, *Resident Physician.*

DR WRIGHT, DR HAIGH, and MR SHEAF, *Medical Assistants.*

The Rev. A. B. McCulloch, *Chaplain.*

Mr Andrew Leslie, *House Superintendent.*

David Scott Moncrieff, W.S., *Clerk and Treasurer.*





**REPORT**  
 BY  
**THE ORDINARY MANAGERS**  
 OF THE  
**ROYAL EDINBURGH ASYLUM FOR THE INSANE.**

*Presented to the Annual General Meeting of the Corporation,  
 held on Monday, 27th February 1871.*

During the year ending 31st December 1870 the average daily number of Patients under treatment has been in the East House 69, in the West House 664, giving a total of 733. During the year ending 31st December 1869 the daily average in the East House was 69, in the West House 663, and in both Houses 732. There has thus been throughout the past year one additional Patient in the West House, the number in the East House remaining unchanged.

The Ordinary Income during the year amounted to.....	£25,279 10 5
The Ordinary Expenditure (including instalment towards Sinking Fund) to.....	23,448 8 7
And the Surplus Revenue to .....	<div style="border-top: 1px solid black; border-bottom: 1px solid black;">           £1,831 1 10         </div>

The Surplus Revenue during the preceding year amounted to £2367 18s. 10½d., so that the profits of the institution during the past year have declined by £536. It is proper, however, to explain, that this falling off is wholly attributable to the reduction in the rates of board, £213 less having been received for Patients in the East House, and £542 for those in the West House, mak-



ing a total of L.755 during the year. The falling off in the West House returns is mainly owing to the fact, that throughout the year 1869 there were accommodated therein sixty Pauper Patients from the country parishes generally paying L.27 and L.28 of board, who, in consequence of the termination of the contract with the District Lunacy Board at the close of that year, were removed to other Asylums, their places being taken by Patients from the metropolitan parishes at L.23.

While the receipts have declined, it is gratifying to observe that the Ordinary Expenditure has also declined, otherwise the falling off in the surplus would have been considerably greater.

The average cost per head of the maintenance of each Patient in the East House during the year was L.69 16s. 5d., and of each in the West House L.22 11s. 11d., against L.71 9s. 9d. and L.22 6s. 4d. respectively in the year 1869.

The amount of Debt at the close of the year 1869	was.....	L.18,046	5	5
At 31st December 1870 it was.....		19,247	17	2
			<hr/>	
	Shewing an Increase of .....	L.1,201	11	9

The above increase in the amount of Debt has been wholly caused by the cost of the building operations now in progress at the Asylum. In the Report for the year 1869 reference is made to the erection of the north-west wing at the West House, which had then been commenced. The cost of the work was estimated at about L.4000, of which L.1900 had been paid at the close of the year 1869. The Managers have now the pleasure of reporting that this important undertaking was some months ago completed to their satisfaction, and has for some time been occupied by Patients. It promises to fulfil the purposes for which it was designed, and to supply a want which has for years been seriously felt in the female side of the house, viz., that of single apartments for the Patients requiring separate accommodation. As is usually the case, the cost of the work has considerably exceeded the estimate, having amounted to L.4486 16s. 3d., to further account of which L.2500 was expended during the past year, leaving a small balance of L.86 16s. 3d. over for the current year.



In consequence of the urgent representations made by the Commissioners in Lunacy in regard to the defective accommodation for the Patients, and especially the Servants, in the East House, the Managers, at their meeting on 23d June last, remitted it to the Building and Finance Committees to consider and report upon the best means of providing a remedy. The Joint Committee accordingly met, and agreed to recommend that a new wing be added to the East House, running west from the centre of the old building, and containing kitchen, dining-room, drawing-room, and twelve bed-rooms, all on a scale and in a style suited to the wants of the class of Patients by whom the house is occupied. The plans and specifications of such an addition had been prepared and approved of three years before, but the execution of the work had been then delayed in consequence of the necessity for immediately proceeding with the additions to the West House. The Managers having approved of the report of the Joint Committee, estimates were taken for the work, and the lowest, amounting to L.1474 15s., was preferred. To account of this cost L.900 has been paid. The addition is now roofed in, and will be ready for occupation by Whitsunday.

In the Report for the year 1869 reference is made to an additional piece of ground, extending to four acres, which had been feued from one of the adjoining proprietors, in order to secure the privacy of the East House grounds. It has been found necessary during the past year to erect a sufficient boundary fence round this ground, involving a further expenditure of L.470.

The expenditure during the past year upon the various works above referred to amounts to a cumulo sum of L.3870. This, of course, forms a charge wholly against capital; and the Managers consider that they have reason to congratulate themselves upon the fact, that with so much extraordinary expenditure, the increase of debt amounts to no more than L.1201 11s. 9d., the balance being met out of surplus revenue, supplemented by the Sinking Fund.

With reference to the additions to the East and West Houses respectively, the Managers beg leave to make the following quotation from the Report made by Sir James Coxe on the occasion



of his last statutory visit to the Asylum, which took place on 14th December 1870 :—

“The general condition of the East House is still as described in former Reports; but the extension so repeatedly recommended is now being actively carried out, and will, it is understood, be followed by important alterations and improvements in the existing building, and by extensive renovation of the furniture.

“The accommodation of the West House has been increased by the opening of the new wing on the female side. The object of this extension is to afford facilities of isolation and classification by single rooms, the number of which was formerly utterly insufficient for the proper care and treatment of the inmates. The accommodation thus provided is cheerful and appropriate; and when fully furnished, papered, and otherwise properly fitted up, may be expected to influence in a very material degree the condition of the Patients. Already its advantages are apparent in the greater tranquillity of the separate buildings, and in the manifest improvement which has taken place in several of the worst cases, by the increased means of classification and diversified association now at command.”

The Managers regret to have to record that during the past year the Institution has been deprived by death of the services of Sir James Y. Simpson, Bart., one of the Deputy-Governors, and a member of the Medical Board; Professor Syme, also a member of the Medical Board; and Mr Cairns, who for many years had acted as an Ordinary Manager. The vacancies thus occasioned it is for the Corporation to fill up.

ROBERT WALKER,  
*Senior Manager.*

# REPORT

OF THE

## CHARITY COMMITTEE OF MANAGERS

FOR THE YEAR ENDING 31st DECEMBER 1870.

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The Account of the Treasurer's Intromissions with the Charity Fund during the past year is herewith submitted, shewing an

Income of .. .. .	L.851	17	9
An Expenditure of.....	235	10	0

Increase .....L.616 7 9

Whereof the sum received in Legacies and Donations amounts to .. .. .L.565 12 0


And the Surplus Revenue to ..... 50 15 9

L.616	7	9
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The amount of the Fund at 31st December 1870 was L.8694 9s. 7d., being an increase of the above sum of L.616 7s. 9d. over the amount at 31st December 1869.

The total number of Patients who have derived benefit from the Fund during the past year was 20, the average number on the roll each quarter being 19, and the average allowance to each Patient L.11 15s.





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# ABSTRACT

OF THE

## TREASURER'S ACCOUNTS

FOR THE YEAR 1870.

### CHARGE.

I. Balance of last Account closed 31st December 1869,		L.3,358 19 4
II. Arrears of Board given up in last Account,		142 16 6
III. Patients' Boards per Board Books—		
For Quarter ending 31st March 1870,	<i>Males.</i>	<i>Females.</i>
Do. Do. 30th June 1870,	L.2,851 11 11	L.2,903 9 1
Do. Do. 30th September 1870,	2,781 16 0	2,859 17 8
Do. Do. 31st December 1870,	2,833 4 2	2,930 13 11
	2,825 1 4	2,821 0 2
	L.11,291 13 5	L.11,515 0 10
		11,291 13 5
		L.22,806 14 3
<i>Add</i> —May 21, 1870, Received from City Parish amount recovered by them from other Parishes liable for a higher rate of Board,	L.23 15 3	
<i>Deduct</i> —Repaid for Patients last year and previous years,	40 11 8	
		16 16 5
		22,789 17 10
IV. Accounts due by Patients for clothes and extraordinary furnishings of various kinds, supplied through the House Superintendent and Matrons, at the expense of the institution, and charged against the recipients—		
For Quarter ending 31st March 1870,	<i>Males.</i>	<i>Females.</i>
Do. Do. 30th June 1870,	L.282 16 2	L.230 8 0
Do. Do. 30th Sept. 1870,	232 4 8	210 0 9
Do. Do. 31st Dec. 1870,	298 6 7	226 2 7
	264 14 9	216 4 2
	L.1078 2 2	L.882 15 6
		1978 2 2
		1,960 17 8
V. Price of Crop, Pigs, Bones, and Sundries disposed of—		
1. Price received for Pigs sold,		L.313 14 0
Less expenses connected with Sale of do., &c.,		2 13 2
		L.311 0 10
2. Price received for Wheat and Oats,		88 3 6
3. Ditto Bones, &c.		62 1 7
4. Ditto Grass,		5 0 0
5. Sundries,		26 9 6
		492 15 5
Carry forward,		L.28,745 6 9



	Brought forward,	L.28,745 6
VI. Price received for Clothing, &c. furnished by Contract to Ayr District Asylum, . . . . .		19 3
VII. Sums borrowed—		
July 20, 1870, Received from Charity Committee of Royal Edinburgh Asylum on Promissory Note, . . . . .	L.1000 0 0	
Sept. 5, 1870, Received from ditto, . . . . .	500 0 0	
		1,500 0
Amount of Charge, . . . . .		L.30,264 9 1

DISCHARGE.	East House.			West House.			TOTAL.		
	L.	s.	d.	L.	s.	d.	L.	s.	d.
I. Expense of Provisions, . . . . .	2,358	7	9	7,383	18	4½	9,742	6	1½
II. Do. Clothing, Bedding, Napery, &c. . . . .	77	4	6	1,550	5	4	1,627	9	10
III. Do. Fuel, . . . . .	129	7	1	559	4	3	688	11	4
IV. Do. Lighting, . . . . .	89	6	0	235	2	6	324	8	6
V. Do. Water and Washing Materials, . . . . .	70	12	10	202	11	9	273	4	7
VI. Do. Medical and Surgical Expenses, . . . . .	29	4	1	83	14	9	112	18	10
VII. Do. Books, Stationery, and Amusements, . . . . .	32	12	4	93	10	7	126	2	11
VIII. Do. Tobacco, Snuff, &c. . . . .	15	3	7	150	0	8	165	4	3
IX. Do. Sundry Furnishings and Repairs, . . . . .	256	13	9½	1,124	13	8	1,381	7	5½
X. Do. Garden and Grounds, . . . . .	...	...	...	196	4	3	196	4	3
XI. Public and Parochial Burdens, . . . . .	64	9	3	184	16	4	249	5	7
XII. Interest on Loans paid, . . . . .	...	...	...	793	18	8	793	18	8
XIII. Feu-duties and Stipend, . . . . .	45	5	8	400	5	8	445	11	4
XIV. Insurance Premiums, . . . . .	6	3	7	17	13	2	23	16	9
XV. Salaries and Wages, . . . . .	1,171	6	4	3,253	7	1½	4,424	13	5½
XVI. Miscellaneous Payments, . . . . .	46	4	5	132	10	3½	178	14	8½
XVII. Accounts paid on behalf of Patients, and charged against them, . . . . .	1,584	14	6	...	...	...	1,584	14	6
Amount of Ordinary Disbursements, . . . . .	5,976	15	8½	16,361	17	4½	22,338	13	1
XVIII. Extraordinary Expenditure, being advances to Contractors for new buildings, &c. . . . .							4,099	13	3
XIX. Statutory Debt paid off, . . . . .							940	0	0
XX. Arrears of Boards and Extras outstanding at 31st December 1870, . . . . .							170	11	8
Balance of this Account at ditto, . . . . .							2,715	11	10
Amount of Discharge equal to Charge, . . . . .							L.30,264	9	10

### ABSTRACT OF INCOME AND EXPENDITURE FOR THE YEAR ENDING 31st DECEMBER 1870.

#### INCOME—

I. Boards, . . . . .	L.22,806 14 3
II. Extra Accounts due by Patients, . . . . .	1,960 17 8
III. Produce and Sundries sold, . . . . .	492 15 5
IV. Price of Clothing, &c. supplied to Ayr District Asylum, . . . . .	19 3 1
Carry forward,	L.25,279 10 5



	Brought forward,	L.25,279 10 5
<b>EXPENDITURE—</b>		
I. Amount of Ordinary Disbursements, as stated in the Discharge of preceding Account, . . . . .	L.22,338 13 1	
Deduct Interest on Debt, . . . . .	793 18 8	
	<u>L.21,544 14 5</u>	
II. Instalment to Sinking Fund, . . . . .	1,810 0 0	
III. Interest on Debt not secured in terms of Statute, and not payable out of Sinking Fund, . . . . .	93 14 2	
	<u>23,448 8 7</u>	
Surplus Ordinary Income, . . . . .		<u><u>L.1,831 1 10</u></u>

**ABSTRACT OF INCOME AND EXPENDITURE**  
OF THE  
**EAST AND WEST HOUSES RESPECTIVELY.**

**I. EAST HOUSE.**

<b>INCOME—</b>		
I. Boards, . . . . .		L.5,896 11 5
II. Extra Accounts, . . . . .		1,960 17 8
		<u>L.7,857 9 1</u>
<b>EXPENDITURE—</b>		
Amount thereof chargeable against East House, as stated in Discharge, . . . . .	L.5,976 15 8½	
Add value of Vegetables, &c. furnished from Garden, . . . . .	212 3 4	
Do. value of Work performed by Mechanics assisted by Patients, including material supplied, . . . . .	215 17 0	
	<u>L.6,404 16 0½</u>	
Surplus Income of East House, . . . . .		<u>L.1,452 13 0½</u>

**II. WEST HOUSE.**

<b>INCOME—</b>		
I. Boards, . . . . .	L.16,910 2 10	
II. Produce sold, . . . . .	492 15 5	
III. Clothing supplied to Ayr Asylum, . . . . .	19 3 1	
IV. Vegetables supplied to East House, . . . . .	212 3 4	
V. Work performed at East House, including material used, . . . . .	215 17 0	
	<u>L.17,850 1 8</u>	
<b>EXPENDITURE—</b>		
I. Amount thereof chargeable against West House, as stated in Discharge, . . . . .	L.16,361 17 4½	
Deduct Interest of Debt, . . . . .	793 18 8	
	<u>L.15,567 18 8½</u>	
II. Instalment to Sinking Fund, . . . . .	1,810 0 0	
III. Interest of Unsecured Debt, . . . . .	93 14 2	
	<u>17,471 12 10½</u>	
Surplus Income of West House, . . . . .		<u>378 8 9½</u>
Total, as before, . . . . .		<u><u>L.1,831 1 10</u></u>



*TABULAR VIEW of the Cost per head per annum of the undernoted items allocated upon Patients, of whom 69 represents the Daily Average of the East House, and 647 the Daily Average of the West House.*

	East House.	West House.
I. Provisions (including share of Attendants' provisions),	L.34 3 7	L.11 8
II. Clothing, Bedding, Napery, &c. . . . .	1 2 4	2 7 1
III. Fuel, . . . . .	1 17 5	0 17
IV. Lighting, . . . . .	1 5 10	0 7
V. Water and Washing materials, . . . . .	1 0 5	0 6
VI. Medicines and Surgical Apparatus, . . . . .	0 8 5	0 2
VII. Books, Stationery, &c. . . . .	0 9 5	0 2 1
VIII. Tobacco, Snuff, &c. . . . .	0 4 4	0 4
IX. Furnishings and Repairs, . . . . .	3 14 4	1 14
X. Garden and Grounds, . . . . .	... ..	0 6
XI. Public Burdens and Stipend, . . . . .	1 11 9	0 18
XII. Insurance, . . . . .	0 1 9	0 0
XIII. Salaries and Wages, . . . . .	16 19 6	5 0
XIV. Estimated value of Fruit and Vegetables and Labour supplied by West to East House, . . . . .	6 4 0	... ..
XV. Miscellaneous Payments, . . . . .	0 13 4	0 4
		<hr style="width: 100%; border: 0.5px solid black;"/>
		L.24 0 11
Deduct value of Produce sold and Supplies furnished to East House (L.939 18s. 10d.), . . . . .	... ..	1 9 0
Total Cost of Maintenance of each Patient during the year, exclusive of House Rent, Interest of Debt, Feu- duty, and instalment to Sinking Fund, . . . . .	<hr style="width: 100%; border: 0.5px solid black;"/> L.69 16 5	<hr style="width: 100%; border: 0.5px solid black;"/> L.22 11 11

**NOTE.**—The Patients in the East House, in addition to the above items, pay for their own Clothes, Stimulants, Tobacco, and extraordinary furnishings of all kinds as stated in Branch XVII. of Discharge.

**ABSTRACT**  
 OF THE  
**TREASURER'S INTROMISSIONS**  
 WITH THE  
**FUNDS OF THE CHARITY COMMITTEE**  
 FOR THE YEAR 1870.

CHARGE.

I. Balance of last Account—		
Balance in Treasurer's hands at 31st December 1869,	£188	1 10
II. Interests received—		
1. On Bonds by Royal Edinburgh Asylum for L.3300, L.2400, and L.1000.		
May 16, 1870, Half-year's Interest at 4 per cent., less 53s. 3d. tax,	£131	6 9
Nov. 11, 1870, Ditto, less 44s. 8d. tax,	131	15 4
	£263	2 1
2. On Debenture for L.1000 by Caledonian Railway Company.		
Jan. 17, 1870, Half-year's Interest at 4 per cent, less 8s. 4d. tax,	£19	11 8
July 15, 1870, Ditto, less 7s. 6d. tax,	19	12 6
	39	4 2
3. On Loans to the Royal Edinburgh Asylum of L.150, L.1000, and L.500.		
May 16, 1870, Half-year's Interest at 4 per cent. of L.150, less 1s. 2d. tax,	£2	18 10
Nov. 11, 1870, Ditto, less 1s. tax,	2	19 0
Interest at 4 per cent. of L.1000 from 20th July to date, less 4s. 2d. tax,	12	5 8
Interest at do. of L.500 from 5th Sept. to date, less 1s. 3d. tax,	3	12 2
	21	15 8
Add Progressive Interest on this Account, per State,	2	3 10
	326	5 9
III. Donation—		
March 18, 1870, Received from Earl of Stair donation for 1870,		2 0 0
IV. Loan repaid—		
July 15, 1870, Received from Caledonian Railway Com- pany sum in mortgage,		1000 0 0
V. Legacies received—		
1. July 4, 1870, Received from Miss Douglas's Executors amount of Legacy bequeathed by her,	£19	19 0
Less expense of discharge,	0	12 8
Carry forward,	£19	6 4 7
	£1516	7 7



	Brought forward,	L.19 6 4	L.1516 7 7
2.	Sept. 5, 1870, Received from the Executors of Miss Walker of Drumsheugh amount of legacy bequeathed by her to the Asylum,	L.500 0 0	
3.	Sept. 29, 1870, Received from the Trustees of the late Captain Robert Tait composition agreed to be accepted in full of legacy of L.500 bequeathed by deceased, but for which he left insufficient Funds,	29 0 0	
4.	Dec. 19, 1870, Received from K. Mackenzie, Esq., C.A., Judicial Factor on the Estate of the late Miss Barbara Douglas, composition in full of legacy of L.19 19s. bequeathed by deceased, but for which she left insufficient Funds,	15 5 8	
			<u>563 12 0</u>
	Amount of the Charge,		L.2079 19 7

## DISCHARGE.

I. Sums paid to Royal Edinburgh Asylum on account of Boards, &c.—  
1870.

Jan. 7,	Paid Quarters' Boards to 31st March, per list,	£52 2 6
March 3,	Paid one Quarter's allowance for Eliz. Goodall,	2 10 0
„ 22,	Paid ditto for Helen S. M'Glashan,	2 10 0
April 7,	Paid Quarters' Boards to 30th June, per list,	£57 2 6
„ 9,	Less repaid for Eliz. Goodall,	1 7 0
		<u>55 15 6</u>
July 8,	Paid Quarters' Boards to 30th September, per list,	53 7 6
Aug. 18,	Paid one Quarter's allowance for Robt. Butters, to 30th September,	4 10 0
„	Paid allowance from 20th July to 30th September for Janet Miller, at L.12 per annum,	2 8 0
Oct. 7,	Paid Quarters' Boards to 31st December, per list,	60 17 6
„ 8,	Paid Extras for G. C. Ritchie,	1 9 0
		<u>£235 10 0</u>

## II. Sums lent to Royal Edinburgh Asylum—

1.	July 20, 1870, Paid Royal Edinburgh Asylum on Promissory Note by Mr Moncrieff,	£1000 0 0
2.	Sept. 5, 1870, Paid ditto by ditto,	500 0 0
		<u>1500 0 0</u>

## III. Balance in Treasurer's hands—

Dec. 31, 1870,	Balance at this date,	344 9 7
----------------	-----------------------	---------

Amount of Discharge equal to Charge, . £2079 19 7

## STATE OF FUNDS AT 31ST DECEMBER 1870.

1.	Amount held in Loan by Managers of Asylum,	£8350 0 0
2.	Balance in Treasurer's hands, per foregoing Account,	344 9 7
	Sum,	<u>£8694 9 7</u>



# PHYSICIAN'S ANNUAL REPORT

FOR THE YEAR 1870.

I have the honour to submit to you my Report for the past year.

The following Table exhibits the general results as regards the admission, removal, recovery, and deaths of Patients.

TABLE I.—*General Results of the Year.*

	Males.	Females.	TOTAL.
Number of inmates at the close of 1869,	364	375	739
Absent on Probation, . . . . .	10	5	15
Admitted during the year 1870, . . .	374	380	754
121	144	265	
Total number under treatment, . .	495	524	1019
Discharged, $\begin{matrix} \text{M.} & \text{F.} & \text{T.} \\ 103 & 126 & = 229. \end{matrix}$			
Of whom were Recovered, $\begin{matrix} \text{M.} & \text{F.} & \text{T.} \\ 58 & 60 & = 118 \end{matrix}$			
... .. Relieved, $\begin{matrix} 13 & 20 & = 33 \end{matrix}$			
... .. not Improved, $\begin{matrix} 32 & 46 & = 78 \end{matrix}$			
Absent on Probation at 31st } $\begin{matrix} 2 & 1 & = 3 \\ \text{December 1870, . . . .} \end{matrix}$			
Deaths, . . . . . } $\begin{matrix} 37 & 30 & = 67 \end{matrix}$			
142	157	299	
Total number at the close of 1870, .	353	367	720
Average number daily resident during the } $\begin{matrix} \text{Males.} & \text{Females.} & \text{Total.} \\ \text{year 1870, . . . . .} & 346\frac{16}{365} & 370\frac{10}{365} & 716\frac{26}{365} \end{matrix}$			
Do. Do. 1869, . . . . . } $\begin{matrix} 361\frac{308}{365} & 370\frac{309}{365} & 732\frac{252}{365} \end{matrix}$			
Decrease in 1870 of average number daily } $\begin{matrix} 15\frac{292}{365} & 299 & 16\frac{226}{365} \\ \text{resident, . . . . .} \end{matrix}$			



The number of Patients in the Asylum at the close of 1869 was 739, exclusive of 15 absent on probation.

Two hundred and sixty-five Patients were admitted during the year 1870. The removals during the same period were 229, and of these 118 were discharged recovered, giving the per centage of 44.5 recoveries on the number of admissions; so that, although the number of admissions is slightly less than that of 1869, the number of recoveries in proportion to those admitted is greater.

The number of Patients admitted into the Asylum since it was opened now amounts to 7696, of whom 2978 have been discharged recovered, being in the ratio of 38.70 to the admissions, or 42.70 per cent., if those remaining under treatment are deducted.

The number of inmates at the end of 1870 was 720, exclusive of 3 absent on probation.

The average daily number resident during the past year was 716, being 16 less than the average of last year. This is, however, due in great measure to the removal of Patients chargeable to the landward parishes from this Asylum, and their transference to Hallcross, Musselburgh, and other Asylums.

It is a matter for congratulation to the Managers that the large addition to the Western Department, consisting of an entirely new wing, built as a completion of the original plan of the house, is now finished and occupied by Patients. The mode adopted of arranging the sleeping accommodation in single rooms in the addition has been attended with the most beneficial results, and has greatly facilitated the management of the Patients, as frequently Patients quiet, tractable, and easy of management when associated during the day, at nightfall experience such an accession of excitement as renders it imperative for the comfort of others that means should be taken for their separate accommodation. By this addition to the female side of the house, also, more room has been gained for the accommodation of male Patients of a higher class at the West House, those female Patients who were temporarily placed in dormitories more specially belonging to the male side of the house being now removed to their proper department.

The additions you projected to the Eastern Division are now



nearly completed, and will greatly add to the comfort and welfare of the Patients in that department.

Table II. shows the period of residence and condition of those Patients who were discharged.

TABLE II.—*Period of Residence of those Relieved, Not Improved, or Recovered, at their Removal.*

PERIOD OF RESIDENCE.	RELIEVED.			NOT IMPROVED.			RECOVERED.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 4 days, . . .	0	0	0	2	4	6	0	0	0
"  8  "  . . .	0	0	0	0	0	0	1	0	1
"  1 month, . . .	1	1	2	0	0	0	6	3	9
"  6 weeks, . . .	1	0	1	0	0	0	2	2	4
"  2 months, . . .	1	3	4	0	1	1	1	4	5
"  3  "  . . .	3	1	4	2	3	5	8	1	9
"  4  "  . . .	0	2	2	0	1	1	6	11	17
"  5  "  . . .	0	2	2	2	1	3	4	5	9
"  6  "  . . .	1	2	3	1	0	1	3	3	6
"  7  "  . . .	1	1	2	1	0	1	2	4	6
"  8  "  . . .	0	2	2	0	0	0	2	1	3
"  9  "  . . .	0	0	0	2	0	2	2	3	5
"  10  "  . . .	1	0	1	3	1	4	3	3	6
"  11  "  . . .	0	0	0	1	0	1	3	2	5
"  12  "  . . .	0	1	1	0	1	1	1	0	1
"  18  "  . . .	1	3	4	1	2	3	5	4	9
"  2 years, . . .	0	0	0	2	2	4	4	8	12
"  3  "  . . .	1	0	1	1	3	4	2	5	7
"  4  "  . . .	1	1	2	12	18	30	2	1	3
"  5  "  . . .	0	1	1	0	0	0	0	0	0
"  6  "  . . .	0	0	0	1	6	7	0	0	0
"  7  "  . . .	1	0	1	0	2	2	0	0	0
"  10  "  . . .	0	0	0	2	0	2	0	0	0
"  17  "  . . .	0	0	0	0	0	0	1	0	1
Total, . . .	13	20	33	33	45	78	58	60	118

This Table shows that the great majority of recoveries, 86 out of 118, occurred within the year, though a comparatively large number (12) took place in Patients who had been resident for the space of two years. In the case of one Patient, recovery took place after a mental aberration of seventeen years' duration.

The past year affords several examples of a constantly recurring source of annoyance and anxiety to Asylum Superintendents. I refer to the removal of Patients by their friends against the ad-



vice of the Medical Superintendent. A man becomes affected with mental alienation, and is very properly put under restraint in an Asylum. Gradually, as his general health recovers under careful treatment, supplemented by the removal of all sources of mental annoyance, the mental symptoms lose their prominence, and to an occasional visitor he presents no symptom of unsoundness of mind; but the medical man who has watched his convalescence knows well that the Patient's mind has not regained such a stability as to enable him to engage in business, or mix in the ordinary affairs of life, and that a course of establishment of mental soundness must take place before he can conscientiously discharge such a man recovered. He remonstrates against what he knows from his experience to be a deliberate injury to his Patient; but the Patient's friends, in their ignorant wilfulness, insist on removing him, and the consequence is, that he is in many cases, within a very short time, returned in worse plight than on the previous occasion. In some cases there is congenital weakness of mind, and the Patient, who, while under Asylum discipline, leads a quiet and happy life, if removed and exposed to the various annoyances of private social life, soon shows his singularity, and becomes impossible of management. Such a case has lately occurred with me. A gentleman labouring under hopeless Dementia, who, while in the Asylum, was quite tractable, and comparatively easy of control, on his removal from it, became very intractable in his behaviour, and troublesome in his habits: he finally mastered his attendant, and, when last heard of by me, was in a state anything but satisfactory to those taking an interest in his welfare.

Table III. shows the ages of those admitted, discharged recovered, and dead.

This Table shows the proportional frequency with which mental alienation and recovery from it occur at the decennial periods up to eighty, as far as the experience of a year can do so. The greatest number of admissions took place between thirty and forty, the period of life at which the bodily forces are in fullest vigour, and the mental powers most severely taxed. The forms of insanity during this period are chiefly of the Sthenic kind, and



are, as the Table shows, in many instances recovered from. As life passes on, and the powers of the constitution become impaired, the forms of insanity which occur are not of so recoverable a nature: the mental insufficiency becomes more and more simply part of a general constitutional decay, and the senile dement sinks into a condition of merely vegetative existence.

TABLE III.—*Ages of those Admitted, Discharged, and Dead.*

AGE.	ADMITTED.			DISCHARGED RECOVERED.			DEAD.		
	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.	Males.	Females.	TOTAL.
Under 10 years, .	1	0	1	0	0	0	0	0	0
From 10 to 20, .	7	4	11	2	2	4	1	0	1
" 20 " 30, .	23	31	54	12	20	32	4	2	6
" 30 " 40, .	42	32	74	21	13	34	7	6	13
" 40 " 50, .	19	28	47	14	13	27	8	5	13
" 50 " 60, .	9	20	29	5	8	13	5	8	13
" 60 " 70, .	15	14	29	2	2	4	7	3	10
" 70 " 80, .	1	4	5	0	0	0	4	4	8
" 80 " 90, .	0	0	0	0	0	0	0	1	1
Unascertained, .	4	11	15	2	2	4	1	1	2
Total, . . .	121	144	265	58	60	118	37	30	67

In Table IV. are classified, after two different methods, the forms of mental affection under which those Patients laboured who were admitted during the year 1870.

In No. 1 the forms of insanity are given after the method commonly in use; in No. 2 the cases are classified under a nomenclature derived from the constitutional condition which was materially concerned in producing the mental symptoms.

Not only is this method of nomenclature of importance in defining of cases which, resembling each other in their general features, are nevertheless widely different in the gravity of their nature; but it is evident, I think, that the literature of insanity, as well as professional communication, must be materially assisted by a nomenclature which, instead of requiring a wearisome reca-



pitulation of irrelevant facts, at once directs attention to a recognised group of symptoms, and leaves the attention free to dwell on certain features which may be peculiar to the case in hand.

TABLE IV. No. 1.—Forms of Insanity in those Admitted.

FORMS OF INSANITY.	Males.	Females.	TOTAL.
Mania, . . . . .	15	12	27
" Acute, . . . . .	37	30	67
" Sub-acute, . . . . .	1	0	1
" Chronic, . . . . .	2	5	7
" Remittent, . . . . .	3	1	4
" Puerperal, . . . . .	0	1	1
" Epileptic, . . . . .	3	1	4
" Senile, . . . . .	6	1	7
" a Potu, . . . . .	4	2	6
" Hysterical, . . . . .	0	5	5
Melancholia, . . . . .	11	32	43
Dipsomania, . . . . .	1	0	1
Dementia, . . . . .	13	20	33
" Senile, . . . . .	1	7	8
" supervening on Acute Mania, . . . . .	0	1	1
Imbecility, . . . . .	6	10	16
" Moral, . . . . .	1	2	3
Monomania, . . . . .	1	0	1
" of Suspicion, . . . . .	4	6	10
" of Unseen Agency, . . . . .	3	2	5
" of Suspicion and Unseen Agency, . . . . .	1	0	1
" of Pride, . . . . .	0	1	1
General Paralysis, . . . . .	6	3	9
Not Insane, . . . . .	2	2	4
Total, . . . . .	121	144	265

In No. 1, for example, several cases are entered under the old forms, as instances of a Monomania of Pride, Unseen Agency, and of Suspicion, while it is subject of constant remark, that though these may be prominent, they are rarely solitary symptoms, but are constantly associated with other evidence of mental derangement of various kinds, all depending on some constitutional deficiency, which refers them to one of the heads in No. 2.



TABLE IV. No. 2.—Forms of Insanity in those Admitted.

FORMS OF INSANITY.			Males.	Females.	TOTAL.
Idiopathic Insanity,	Sthenic	Mania, . . . . .	22	17	39
		Melancholia, . . . . .	4	5	9
		Dementia, . . . . .	9	8	17
	Asthenic	Mania, . . . . .	9	9	18
		Melancholia, . . . . .	5	5	10
		Monomania, . . . . .	1	0	1
		Dementia, . . . . .	8	8	16
General Paralysis, . . . . .			10	3	13
Congenital,	{	Moral Imbecility, . . . . .	4	2	6
		Intellectual do. . . . .	7	6	13
Epileptic Insanity, . . . . .			5	3	8
„ Imbecility, . . . . .			1	0	1
Insanity of Pubescence, . . . . .			0	3	3
„ Masturbation, . . . . .			0	1	1
Ovario-Mania, . . . . .			0	1	1
Insanity in conjunction with Ovarian Disease,			0	3	3
Insanity of Hysteria, . . . . .			0	6	6
„ Pregnancy, . . . . .			0	1	1
„ Lactation, . . . . .			0	3	3
Puerperal Insanity, . . . . .			0	5	5
Amenorrhœal Insanity, . . . . .			0	6	6
Climacteric Insanity, . . . . .			14	24	38
Insanity of Atheroma, . . . . .			7	1	8
„ Alcoholism, . . . . .			3	1	4
Dipsomania, . . . . .			1	0	1
Traumatic } Insanity,	{	Injury to the Head, . . . . .	1	0	1
		Sun-stroke, . . . . .	1	0	1
Insanity of Syphilis—Chronic, . . . . .			2	0	2
Insanity following Mercurialisation, . . . . .			1	0	1
Senile Mania, . . . . .			3	6	9
Dementia following Senile Mania, . . . . .			0	8	8
Post-febrile Insanity, . . . . .			0	1	1
Do. with Congenital Deficiency, . . . . .			1	0	1
Dementia following Climacteric Insanity, . . . . .			0	3	3
Mania from effects of a surgical operation, . . . . .			0	1	1
Dementia following Puerperal Insanity . . . . .			0	1	1
Dementia following Alcoholism, . . . . .			0	1	1
Not Insane, . . . . .			2	2	4
Total, . . . . .			121	144	265

Table V. shows the number of cases during the past year where suicidal impulses were displayed during the continuance of mental disorder.

The cases are grouped as to whether suicide was only meditated or actually attempted, an important distinction, as in not a few cases self-destruction is threatened by Patients as a means of gaining some indulgence desired by them, and is used as a means of coercing authority to their wishes; while in others, again, when



the idea of suicide is seriously entertained, there is present in all cases a degree of general constitutional perturbation, which is characteristic of the inability for mental control, which renders possible the commission of the fatal act.

TABLE V.—*Illustrations of Suicidal Tendency in those Admitted.*

	Males.	Females.	TOTAL.
Had attempted Suicide, . . . .	4	6	10
Had meditated Suicide, . . . .	16	16	32
Total, . . . .	20	22	42
<i>Forms of Insanity during which Suicide was attempted—</i>			
Mania, Epileptic, . . . .	1	0	1
Melancholia, . . . .	1	1	2
Imbecility, . . . .	1	0	1
„ Moral, . . . .	0	1	1
General Paralysis, . . . .	0	1	1
Climacteric Insanity, . . . .	1	3	4
Total, . . . .	4	6	10
<i>Forms of Insanity during which Suicide was meditated—</i>			
Mania, Acute, . . . .	5	0	5
„ Senile, . . . .	0	1	1
„ Puerperal, . . . .	0	1	1
„ a Potu, . . . .	2	1	3
Imbecility, . . . .	0	1	1
Melancholia, . . . .	0	3	3
Epileptic Insanity, . . . .	2	0	2
Amenorrhœal Insanity, . . . .	0	1	1
Dementia, . . . .	1	3	4
Senile Insanity, . . . .	0	1	1
General Paralysis, . . . .	1	0	1
Climacteric Insanity, . . . .	3	3	6
Monomania of Unseen Agency, . . . .	2	1	3
Total, . . . .	16	16	32
<i>Means used in the attempts made—</i>			
Cut Throat, . . . .	0	1	1
Other Wounds, . . . .	1	0	1
Precipitation, . . . .	1	1	2
Poison, . . . .	1	0	1
Starvation, . . . .	1	0	1
Strangulation, . . . .	0	1	1
Precipitation and Cut Throat, . . . .	0	1	1
Drowning, . . . .	0	1	1
Strangulation and Poison, . . . .	0	1	1
Total, . . . .	4	6	10



In Table VI. are given the causes to which the Patient's mental disorder was ascribed in the general history of the attack given at the time of admission.

TABLE VI.—*Probable Causes of Disease in those Admitted.*

PROBABLE CAUSES OF DISEASE.	Males.	Females.	TOTAL.
Intemperance, . . . . .	10	5	15
Pregnancy, . . . . .	0	2	2
Child-bearing, . . . . .	0	11	11
Lactation, . . . . .	0	1	1
Ovarian Disease, . . . . .	0	2	2
Connected with variations in Female health,	0	6	6
Climacteric Changes, . . . . .	5	16	21
Old Age, . . . . .	6	10	16
Phthisis, . . . . .	0	4	4
Epilepsy, . . . . .	5	3	8
Sun-stroke, . . . . .	2	0	2
Injury to Head, . . . . .	5	0	5
Other Bodily Ailments, . . . . .	3	3	6
Secret Vice, . . . . .	0	1	1
Congenital, . . . . .	10	4	14
Domestic Affliction, . . . . .	0	6	6
Disappointment, . . . . .	5	3	8
Fright, . . . . .	0	1	1
Over-work, . . . . .	6	0	6
Morbid Religious Excitement, . . . . .	0	4	4
Grief, . . . . .	1	1	2
Syphilis, . . . . .	1	0	1
Atheroma, . . . . .	3	0	3
Inanition, . . . . .	0	2	2
Domestic Affliction occurring at the Cli- macteric Period, . . . . .	0	1	1
Excitement supervening on a weak state of health, . . . . .	2	0	2
Exposure and Starvation, . . . . .	1	0	1
General Paralysis, . . . . .	5	3	8
Irritation of a Predisposed Temperament, Pubescence, . . . . .	0	1	1
Epileptic Diathesis, and residence in a hot climate, . . . . .	1	0	1
Effect of a Surgical operation, . . . . .	0	1	1
Dissipation, . . . . .	0	1	1
Not known, . . . . .	41	52	93
Total, . . . . .	121	144	265
Hereditary Predisposition was ascer- tained in . . . . .	13	12	25
Previous Attacks in . . . . .	35	38	73

And here I would remark on the great difficulty which is often experienced in eliciting an intelligent account of the condition of Patients previous to their admission. Their friends will give you a circumstantial account of their daily life, but fail to recount the one thing which is necessary for the correct appreciation of their case.

Table VII. shows the forms of insanity in those who were discharged recovered, relieved, or not improved.

TABLE VII.—Forms of Insanity in those Patients who Recovered, or were Discharged Relieved or Not Improved.

FORM OF DISEASE.	RECOVERED.			RELIEVED.			NOT IMPROVED.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mania, . . . . .	13	5	18	3	2	5	4	2	6
„ Chronic, . . . . .	0	1	1	0	2	2	0	2	2
„ Acute, . . . . .	14	21	35	2	5	7	1	3	4
„ Puerperal, . . . . .	0	4	4	0	2	2	0	0	0
„ a Pou, . . . . .	2	0	2	0	0	0	0	0	0
„ Remittent, . . . . .	0	1	1	0	0	0	0	0	0
Melancholia, . . . . .	7	11	18	1	3	4	1	2	3
Monomania, . . . . .	9	4	13	1	0	1	3	1	4
Dementia, . . . . .	7	7	14	1	5	6	12	23	35
General Paralysis, . . . . .	1	0	1	0	0	0	2	0	2
Imbecility, . . . . .	2	0	2	0	1	1	3	4	7
„ Epileptic, . . . . .	0	0	0	1	0	1	1	0	1
Dipsomania, . . . . .	0	1	1	0	0	0	0	0	0
Moral Insanity, . . . . .	0	0	0	1	0	1	0	3	3
Climacteric Mania, . . . . .	0	4	4	0	0	0	0	2	2
Senile Insanity, . . . . .	0	0	0	0	0	0	1	0	1
Idiocy, . . . . .	0	0	0	0	0	0	1	1	2
Hysteria, . . . . .	0	1	1	0	0	0	0	1	1
Syphilitic Insanity, . . . . .	0	0	0	1	0	1	0	0	0
Alcoholismus, . . . . .	1	0	1	0	0	0	0	0	0
Intermittent Mania, . . . . .	1	0	1	0	0	0	0	0	0
Epileptic do. . . . .	1	0	1	2	0	2	1	0	1
Not Insane, . . . . .	0	0	0	0	0	0	2	2	4
Total, . . . . .	58	60	118	13	20	33	32	46	78

Table VIII. shows the duration of disease previous to admission, and the probable condition of those admitted.

Of those who were admitted into the Asylum within one month of the time at which mental symptoms were reported as having



first appeared, 30.5 per cent. have already recovered: of those who had been the subjects of mental disorder for periods varying from one month to a year, only 22 per cent. have already recovered. The deduction to be drawn from the consideration of this Table is, I think, plainly this, that after symptoms of mental impairment have displayed themselves, the Patient's chances of recovery are, as far as experience bears us out, in direct ratio to the promptness with which means are taken for his being placed under proper care and treatment.

TABLE VIII.—*Duration of Disease previous to Admission, and probable Condition of those Admitted.*

DURATION OF DISEASE.	INCURABLE.		CURABLE.		ALREADY DISMISSED RECOVERED.	
	Males.	Females.	Males.	Females.	Males.	Females.
Under 4 days,	1	0	3	3	1	2
„ 1 week,	3	0	6	15	5	6
„ 2 „	1	3	7	15	3	3
„ 3 „	0	0	3	2	1	2
„ 1 month,	5	3	4	11	2	1
„ 2 „	3	2	1	7	2	4
„ 3 „	1	0	2	2	0	1
„ 4 „	1	0	3	3	1	1
„ 6 „	1	3	2	6	0	1
„ 12 „	5	1	3	4	0	1
„ 2 years,	4	1	3	2	2	1
„ 3 „	1	0	0	1	0	0
„ 10 „	0	1	0	0	0	0
Many years,	3	5	0	0	0	0
Congenital,	7	2	0	0	0	0
Unknown,	26	24	20	26	7	7
Not M. F T. Insane, 2 2 4						
Total,	62	45	57	97	24	30

In Table IX. are shown the causes of death in those cases which terminated fatally.

It is noticeable that in the great majority of cases death resulted from diseases of a low type. Of the 67 Patients who died during last year, 10 were the subjects of General Paralysis, and death was the result of the inevitably fatal termination of that disease. In the case of 8 the appearances of general constitutional exhaus-

tion were the only assignable cause of death. Thirteen were the victims of Tubercular Phthisis. So that, taking other items of this Table into account, more than one-half died of disease of a depressed type.

TABLE IX.—*Causes of Death.*

CAUSES OF DEATH.	Males.	Females.	TOTAL.
General Paralysis, . . . . .	8	2	10
Epilepsy and Struma, . . . . .	0	1	1
Gangrene of Lung, . . . . .	0	1	1
Apoplexy, . . . . .	1	1	2
Epilepsy, . . . . .	1	1	2
Ramollissement of Brain, . . . . .	2	0	2
Tubercular Meningitis, . . . . .	1	0	1
Atheroma, . . . . .	1	0	1
Exhaustion, . . . . .	1	7	8
Phthisis, . . . . .	8	5	13
Pneumonia, . . . . .	2	0	2
Do. and Heart Disease, . . . . .	0	2	2
Erysipelas and Pneumonia, . . . . .	0	1	1
Bronchitis, . . . . .	0	2	2
Exhaustion, with Acute Melancholia, . . . . .	0	1	1
Cancer of Stomach, . . . . .	1	0	1
Fatty Heart, . . . . .	2	1	3
General Decay, . . . . .	1	0	1
Senile Do., . . . . .	4	3	7
Marasmus, . . . . .	0	1	1
General Decay and Exhaustion, . . . . .	1	0	1
Valvular Disease of Heart, . . . . .	1	0	1
Suicide by Hanging, . . . . .	0	1	1
Emphysema, . . . . .	1	0	1
Suicide by Cutting Throat, . . . . .	1	0	1
Total, . . . . .	37	30	67

Among the deaths in last year's list occurs that of one for more than ten years a Patient. When admitted from the prison of Edinburgh, he was loaded with chains, being considered one of the most dangerous Acute Maniacs ever under treatment; and when in one of his fits of excitement, presented more the appearance of some ferocious beast than of a human being. He died of Hæmorrhage, resulting from the progress of a cancerous ulcer of the stomach.

Table X. shows the period of residence of those deceased.



TABLE X.—*Period of Residence of those Deceased.*

PERIOD OF RESIDENCE.	Males.	Females.	TOTAL.
Under 1 week, . . .	1	0	1
" 2 " . . .	0	1	1
" 3 " . . .	2	1	3
" 4 " . . .	1	4	5
" 6 " . . .	1	0	1
" 2 months, . . .	3	2	5
" 4 " . . .	2	2	4
" 5 " . . .	3	2	5
" 7 " . . .	1	2	3
" 10 " . . .	1	0	1
" 11 " . . .	1	0	1
" 12 " . . .	1	0	1
" 18 " . . .	0	1	1
" 2 years, . . .	5	6	11
" 3 " . . .	0	2	2
" 4 " . . .	5	1	6
" 5 " . . .	1	1	2
" 6 " . . .	0	2	2
" 7 " . . .	1	0	1
" 9 " . . .	1	0	1
" 10 " . . .	3	1	4
" 11 " . . .	1	0	1
" 15 " . . .	0	1	1
" 20 " . . .	2	0	2
" 29 " . . .	1	0	1
" 38 " . . .	0	1	1
Total, . . .	37	30	67

The post mortem appearances of those cases in which an examination was obtained are given in a tabulated form in the Appendix.

I am happy to be able to report a considerable increase in the number of working Patients, particularly on the male side, of those who are engaged in outdoor occupation. I am of opinion that this mode of occupation is most desirable to the well-being of all who can in any degree bear the exposure which it entails: even those demented creatures whose bodily strength is poor, can still engage in the minor exertion of weeding, &c., and can render little aids to their more robust brethren.

As is customary, various means of amusement have been resorted to for the relaxation of the Patients, among which I may mention cricket, bowls, croquet, athletic games, garden parties, theatricals, curling, skating, &c. The Library Club has continued

to hold its fortnightly Monday meetings, the alternate Monday evenings being appropriated to lectures delivered by the following gentlemen who have done us the favour to place their services at the disposal of the Institution:—Rev. John Pirie, John C. Steen, Esq., Rev. P. Barclay, Dr Bedford, Rev. J. S. Mill, Rev. W. Gillespie, Dr Nachot, Dr Wickham, John Sadler, Esq., R. M. Ballantyne, Esq., William Gillespie, Esq., and W. Lees, Esq., A.M.

In accordance with the suggestions made by the Commissioner in Lunacy on the occasion of his last visit, a course of papering, painting, and ornamentation of the male side has been commenced, and various additions to the furnishing of this part of the house are contemplated.

Since my last Report Dr R. H. B. Wickham, my Senior Assistant, has been appointed Medical Superintendent of the Newcastle Borough Asylum. He is the fifteenth of my assistants who have left to assume the Superintendentships of other Asylums.

In conclusion, I cannot but congratulate both myself and you on the work of the Asylum for the year past; nor can I close this Report without thanking you most cordially for the manner in which you have aided and encouraged me in my endeavours to support the reputation of the Asylum.

DAVID SKAE, M.D.



# STATEMENT OF WORK

DONE AT

## THE ROYAL EDINBURGH ASYLUM

*During the Year ending 31st December 1870.*

The Work is estimated by charging Journeymen's Wages only.

### I. TAILORS.

Making 128 jackets, at 3s. 6d., . . . . .	L 22 8 0
„ 129 vests, at 1s. 6d., . . . . .	9 13 6
„ 67 pairs trousers, at 1s. 6d., . . . . .	5 0 6
„ 264 flannels, at 1s., . . . . .	13 4 0
„ 423 pairs drawers, at 1s., . . . . .	21 3 0
„ 243 bonnets, at 5d., . . . . .	5 1 3
„ 169 stocks, at 5d., . . . . .	3 6 8
„ 6 tweed suits, at 15s., . . . . .	5 5 0
„ 14 great coats, at 5s., . . . . .	3 10 0
Bed sheets, quilts, canvass dresses, bags, &c. . . . .	7 16 0
Repairs, . . . . .	82 17 4
New work and repairs for private individuals, . . . . .	3 10 8
	L.182 15 11

### II. SHOEMAKERS.

Making 131 pairs men's shoes, at 4s., . . . . .	L.26 4 0
„ 7 „ „ boots, at 6s., . . . . .	2 2 0
„ 243 „ women's shoes, at 2s. 6d., . . . . .	30 7 6
„ 143 „ canvass shoes, at 2s., . . . . .	14 6 0
„ 29 „ locked boots, at 3s. 3d., . . . . .	4 14 3
„ 42 „ braces, at 3d., . . . . .	0 10 6
„ 51 „ gloves, at 1s. 6d., . . . . .	3 16 6
„ 63 key belts, at 2d., . . . . .	0 10 6
Repairing men and women's boots and shoes, . . . . .	44 11 0
Do. for private individuals, . . . . .	1 10 0
	128 12 3

Carry forward, . . . . . L.311 8 2

Brought forward, L.311 8 2

## III. ENGINEERS AND BLACKSMITHS.

Amount of engineer and blacksmith work for Western Department,	L.76 17 10		
Do. Do. for Eastern Department,	12 9 1		
Do. Do. for workshops and garden,	18 15 2		
Do. Do. for miscellaneous buildings,	5 7 8		
	<hr/>	113	9 9

## IV. UPHOLSTERERS.

Making new hair and seaweed mattresses and feather pillows, straw palliasses, covering chairs, canvass frames, strapping, &c.; also altering, stuffing, twilting, and repairing old ditto for Western Department,	L.74 6 8		
Do. Do. for Eastern Department,	11 3 5		
Do. Do. for Myreside and Cottage,	1 16 0		
	<hr/>	87	6 1

## V. PAINTERS.

Painting and papering in Western Department,	L.68 1 8		
Do. Do. in Eastern do.,	41 11 6		
Do. Do. in miscellaneous buildings,	16 16 0		
	<hr/>	126	9 2

## VI. PRINTERS.

Receipt book for wages, contracts for provisions, butcher meat, milk, &c., inventories, attendants' pass cards, night attendants' returns, laundry lists, daily record, cards and bills for lectures, circulars for Treasurer, cards and programmes for concerts, warrants, annual report, &c.,		47	9 7
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## VII. MASONS.

Building, cutting, slapping, altering, and repairing sundry places; also altering, lifting, and relaying pavement in Western Department,	L.40 7 6		
Do. Do. in Eastern Department,	10 16 0		
Do. Do. in miscellaneous buildings,	9 2 0		
	<hr/>	60	5 6

## VIII. PLUMBERS, GASFITTERS, &amp; TINSMITHS.

Plumber, gasfitter, and tinsmith work for Western Department,	L.54 14 6		
Do. Do. for Eastern Department,	22 14 10		
Do. Do. for garden and miscellaneous buildings,	5 19 6		
Tin goods made for store,	11 14 6		
	<hr/>	95	3 4

Carry forward, L.841 11 7



Brought forward, L.841 11 7

## IX. CARPENTERS.

Making and fitting up tables, dining and drawing room chairs, wardrobes, presses with shelving, &c., boxes, wash-hand stands, mantelpiece, glass doors, pailings, shelving, laying new flooring, linings, fitting up theatre, &c.; also cleaning, altering, and repairing furniture in Western Department,	L.100 6 10	
Do. Do. for workshops and garden implements,	11 17 0	
Do. Do. for Eastern Department, . . . . .	36 9 4	
Do. Do. for miscellaneous buildings, . . . . .	4 5 8	
Amount for coffins, . . . . .	3 6 0	
	<hr/>	156 4 10

## X. GLAZIERS, PLASTERERS, &amp; SLATERS.

Glazier, plasterer, and slater work in Western Department, . . . . .	L.31 3 2	
Do. Do. in Eastern Department, . . . . .	8 11 0	
Do. Do. in miscellaneous buildings, . . . . .	5 11 6	
	<hr/>	45 5 8
		<hr/>
		L.1043 2 1

ANDREW LESLIE, *House Superintendent.*





## ARTICLES MADE BY FEMALES IN EASTERN DEPARTMENT.

3 Night gowns.	24 Neckerchiefs.	42 Quilts.
4 Night caps.	40 Pocket handkerchiefs.	50 Pair blankets.
6 Chemises.	8 Slip bodices.	150 Towels.
2 Pair drawers.	34 Collars.	200 Dusters.
4 White petticoats.	12 Linen sleeves.	2 Sofa covers.
0 Coloured do.	6 Slippers sewed.	6 Chair do.
4 Flannel do.	2 Do. embroidered.	10 Table cloths.
8 Flannel underdresses.	33 Worsted work.	5 Toilet covers.
50 Pair worsted stockings.	50 Knitting.	40 Window blinds.
0 Do. cotton do.	6 Trimming sewed.	270 Sundries.
50 Aprons.	18 Crotchet.	

## ARTICLES REPAIRED BY FEMALES IN EASTERN DEPARTMENT.

43 Gowns.	54 Aprons.	71 Quilts.
10 Shawls.	12 Neckerchiefs.	43 Pair blankets.
76 Night gowns.	31 Pocket handkerchiefs.	60 Pillow slips.
48 Night caps.	42 Slip bodices.	68 Towels.
75 Chemises.	22 Pair stays.	10 Sofa covers.
50 Pair drawers.	30 Habit shirts.	20 Chair do.
40 White petticoats.	20 Collars.	40 Table cloths.
36 Coloured do.	6 Muslin sleeves.	20 Toilet covers.
24 Flannel do.	15 Linen do.	50 Table napkins.
98 Flannel underdresses.	16 Knitting.	30 Window blinds.
1372 Pair worsted stockings.	10 Crotchet.	510 Sundries.
170 Do. cotton do.	275 Shirts.	

A. M. SHEARER, *Matron.*ABSTRACT OF THE VALUE OF STOCK ON HAND IN STORES  
AT 31st DECEMBER 1870.

1. Provisions, groceries, and stimulants, . . . . .	£408	9	1
2. <i>House Furnishings</i> —Consisting of china, crystal, crockery, bedding, hessian, damask, toilet covers, sheeting, bed lace, cord, hair cloth, packsheet, window blinds and mounting, coffin mounting, pails, knives and forks, razors, brushes, matts, &c., . . . . .	478	16	1
3. <i>Male Clothing</i> —Plaiding, dowlas, duck, lasting, cloth, canvass, corduroy, tweed, shirting, hose, handkerchiefs, stocks, shoes, braces, with tailor's and shoemaker's stock, . . . . .	242	1	6
4. <i>Female Clothing</i> —White and black cotton, linen, plaids, shawls, muslin, prints, drugget, jane, flannel, stays, tape, needles, thread, &c., . . . . .	176	17	0
5. <i>Ironmongery</i> —Tin goods, blacksmiths, masons, plumbers, upholsterers, joiners, painters, and glazier's stock, . . . . .	190	7	9
6. Amount of pigs, as per valuation, . . . . .	129	0	0
7. Wheat, oats, and hay, . . . . .	120	0	0
	£1745	11	5

ANDREW LESLIE, *House Superintendent.*





## APPENDIX.

### PATHOLOGICAL APPEARANCES OBSERVED IN THE BRAIN DURING THE YEAR 1870.

Of the 67 deaths that occurred during the year, autopsies were made in 16 cases. The lesions of the Encephalon are noted below, and are arranged so as to show their relations to the various forms of Insanity.

The following Tables give the forms of insanity and the causes of death in those who died:—

#### FORMS OF INSANITY.

Acute Mania, . . . . . 2	Brought forward, 13
Epileptic do., . . . . . 3	Monomania of Suspicion, . . . 1
Chronic do., . . . . . 4	General Paralysis, . . . . . 1
Dementia, . . . . . 4	Phthysical Insanity, . . . . . 1
Melancholia, . . . . . 3	—
Carry forward, 13	Total, 16

#### CAUSES OF DEATH.

Cancer of the Stomach, . . . . . 1	Brought forward, 14
Phthisis, . . . . . 4	Exhaustion resulting from Carious
Tubercular Meningitis, . . . . . 1	Ulceration of, and consequent
Pneumonia and Exhaustion, . . . . . 1	suppuration in connection with,
Paralysis and Exhaustion, . . . . . 1	the eighth rib, and also Carious
Pneumonia and Emphysema, . . . . . 1	Ulceration of the left Innomi-
Do. and Fatty Degenera-	nate bone at the anterior por-
tion of the Heart, . . . . . 1	tion of its crest, together with
Fatty Degeneration of the Heart, 2	changes of Tubercular type in
General Paralysis, . . . . . 1	most of the organs of the body, 1
Epilepsy, . . . . . 1	Suicide by Hanging, . . . . . 1
Carry forward, 14	Total, 16

It will be noticed that death resulted, in most of these cases in which an examination of the body was held, from Tubercular Phthisis and diseases of a like asthenic type, causing death



through an inability to recover from their effects, dependent on a previously exhausted constitutional state.

In the cases of Epileptic Mania, certain morbid changes were noticed in the brain. In one, a patient of Tubercular Cachexy, thickening and opacity of the Arachnoid, with adhesion of the membranes, and thickening of the Calvarium, were discovered. In another, a case where Epileptic Insanity had supervened on a severe accident, extensive softening of the brain substance, the separation of the convolutions over an area of two square inches in the left post-parietal region, together with erosion of the Optic Thalamus on the right side, were discovered.

It is curious, in reference to those cases whose mental condition was one of Dementia previous to death, that in all it is either mentioned, that in addition to the specific complaint under which the patient laboured at the time of death, general exhaustion was present to a great extent, or that the patient laboured under such organic disease as would interfere materially with the force of the circulation, and at the same time render him incapable of any, even the most ordinary exertion, mental or physical.

Of the two cases where undue excitement was the principal feature of their mental disorder, on post-mortem examination; in one extensive tubercular deposits were found in all the thoracic and abdominal organs, together with evidence of inflammatory changes of a low type in the brain and its appendages, thus showing that for some time past deterioration of the brain substance itself must have co-existed with an impaired condition of the bodily health.

In the other no impairment of the brain structure itself was found, but there was extensive disease of the lungs, both being emphysematous, and in the second stage of Pneumonia. In this case the general health was much impaired, the bodily condition being one of extreme emaciation. It is curious that the Pneumonia, an acute affection of the lungs, and an exacerbation of his mental excitement, were contemporaneous before death.

In one case of Chronic Mania there was also an organic disease of a cancerous nature in the stomach of long standing.

In two cases of Melancholia changes of a tubercular nature were found; in one affecting the membranes of the brain, in the other having their seat in the lungs.

In the one case of post-mortem examination of a patient who had been the victim of General Paralysis, extensive morbid alteration had taken place in the brain substance, it being rendered soft and friable. The floors of the lateral ventricles in this case presented the appearance of being covered with fine sand, so characteristic of this form of mental disease.



Table of Weights of Organs and Causes of Death.

SEX.	AGE.	FORM OF INSANITY.	CAUSE OF DEATH.	Encephal.	Cerebell., Pons, and Medulla.	Heart.	Right Lung.	Left Lung.	Liver.	Spleen.	Right Kidney.	Left Kidney.	Stature, ft. in.	
MALES	63	Dementia,	Paralysis and Exhaustion,	55	7	12	26	30½	52*	..	6	4½	6	
	..	Do.	Fatty Degeneration of the Heart,	48½	5½	15½	25	28	..	..	..	..	5 10	
	74	Do.	Fatty Heart,	42	5½	9	35	31	..	..	..	..	5 8	
	66	Do.	Pneumonia and Exhaustion,	40	6	12	23	23	..	5½	5½	5½	5 5	
	18	Epileptic Mania,	Phthisis,	55	55	8	31	21	43	5½	4½	5½	5 4	
	58	Do.	Disease of several of the Internal Organs,	54	7†	10½	28	29	..	..	..	..	5 4	
	50	Do.	Epilepsy,	46	5½	..	28½	37	80	8½	7½	6½	6 0	
	20	Acute Do.	Pneumonia and Emphysema,	..	..	8½	23	17	56	..	6	7	6 0	
	28	Do.	Phthisis Pulmonalis,	..	..	15	18	19	..	18	11	13½	7	
	57	Chronic Do.	Cancer of the Stomach,	..	..	12	18	19	..	..	..	..	5 10	
	37	Melancholia,	Tubercular Meningitis,	44	..	12	18	19	..	..	..	..	5 10	
	FEMALES	32	General Paralysis,	General Paralysis,	45	5	9	10	..	..	..	..	..	5 0
		53	Melancholia,	Phthisis,	..	..	7½	29½	27	50	..	3½	5	5 4
31		Do.	Suicide by Hanging,	39	5	10½	14	12	48	7½	4½	3½	5 4	
..		Monomania of Suspicion,	{ Pneumonia and Fatty Degeneration of } the Heart,	..	..	10	27	9½	31	..	..	..	..	
54		Phthisical Insanity,	Phthisis,	45	6	8	22	25	42	4	3½	5	5 7	

\* And Gall Bladder. † Pons and Medulla 48.

