

The eighty-second annual report of James Murray's Royal Asylum, Perth.

Contributors

James Murray's Royal Asylum for Lunatics.
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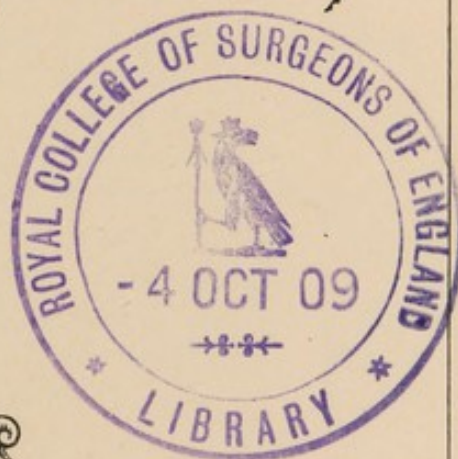
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THE
EIGHTY-SECOND
Annual Report
OF
JAMES MURRAY'S
Royal Asylum,
Perth.



PERTH:
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1909.



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Incorporated by



Royal Charter.

James Murray's Royal Asylum, Perth.

Chairman.

The Right Hon. The Earl of Mansfield.

Directors Ex-Officio.

His Grace The Duke of Atholl, Lord-Lieutenant of the County.

Christopher N. Johnston, Esq., Sheriff of the County.

John David Sym, Esq., Sheriff-Substitute of the County.

James Cuthbert, Esq., Lord Provost of the City of Perth.

Archibald U. Wotherspoon, Esq., Lord Dean of Guild, Perth.

John Lyall Bowie, Esq., First Bailie, Perth.

David Johnston, Esq., Convener of Trades, Perth.

David Marshall, Esq., President of the Society of Solicitors, Perth.

Rev. Frank H. Martin, Minister of St Paul's Church Parish, Perth.

Life Directors.

John Thomas, Esq., Solicitor,
Perth.

Sir Robert Pullar, M.P., Perth.

Alexander Macduff, Esq. of
Bonhard, Perth.

The Right Hon. The Earl of
Mansfield, Scone Palace.

Annual Directors.

W. H. Cox, Esq. of Snaigow,
Murthly.

Major W. L. Mercer of Hunting-
tower, Perth.

Adam Steel, Esq. of Blackpark,
Fairmount, Perth.

Jas. Coates, Esq., Balure, Perth.

Atholl MacGregor, Esq., Ard
Choille, Perth.

George Gray, Esq., Bowerswell,
Perth.

Alexander P. Lyle, Esq. of Glen-
delvine, Murthly.

Norman J. Nasmyth, Esq. of
Glenfarg, Abernethy.

Colonel D. M. Smythe of Methven.

Hector Macduff Duncan, Esq.,
Damside, Auchterarder.

Albert Butter, Esq., Banker, Perth.

Thos. R. Moncrieff, Esq., Spring-
land, Perth.

Committee of Management.

The Earl of Mansfield.

James Cuthbert, Esq.

John Thomas, Esq.

Sir Robert Pullar.

Alex. Macduff, Esq.

Adam Steel, Esq.

Atholl MacGregor, Esq.

Albert Butter, Esq.

Joint Secretaries and Treasurers.

Messrs. Mackenzie & Dickson, Solicitors, Perth.

Auditors.

Messrs. J. & R. Morison, Perth.

Asylum Staff.

Physician Superintendent.

A. R. Urquhart, M.D., F.R.C.P.E.

Assistant Medical Officer.

B. J. Alcock, M.B., Ch.B.

Chaplain.

Rev. John W. Henderson, B.D.

Matrons.

Miss Finch, at the Asylum.

Miss Lawrence, at Pitcullen.

Chief Attendant and Storekeeper.

Mr. Robert Knight.

At JAMES MURRAY'S ROYAL ASYLUM,
the 14th day of June, 1909.

At the Annual General Meeting of Directors of
the Asylum, held in terms of the Royal
Charter,—The Earl of Mansfield presiding :

Inter alia—

THE Annual Statement of Accounts prepared by
the Auditors was laid on the table and held as
read, having been circulated among the Directors.

The Annual Report by the Committee of Manage-
ment was submitted.

The Report of the Physician Superintendent was
submitted and, having been circulated, was held as read.

The Chaplain's Report was submitted.

It was moved by the Chairman seconded by Mr.
Thomas, and unanimously agreed to, That the Reports
now submitted be approved of and recorded in the
Minute-Book of the Corporation ; and that the same, or
a suitable abstract, be printed and circulated under the
supervision of Dr. Urquhart and the Secretaries.

Mr. Kinloch moved—That the following be elected
as Annual Directors in room of those retiring, viz. :—
Colonel D. M. Smythe of Methven, Hector Macduff
Duncan, Esq., Damside, Albert Butter, Esq., Perth,
Thomas R. Moncrieff, Esq., Perth, Mr. Butter being
appointed a Member of Committee in room of Mr.
Kinloch. This motion, being seconded by Mr.
Lumsden, was unanimously agreed to.

On the motion of Major Mercer, seconded by Rev.
Frank H. Martin, The Earl of Mansfield was re-elected
Chairman of the Institution for the ensuing year.

The List of Directors now stands as printed on
page 3.

It was then moved by Mr. Thomas, seconded by Mr. Steel, and approved, that Messrs Mackenzie & Dickson be re-appointed Secretaries and Treasurers of the Institution, and that the Chaplain, Auditors, and Matron be re-elected.



REPORT by MANAGING COMMITTEE to ANNUAL
GENERAL MEETING OF DIRECTORS OF
JAMES MURRAY'S ROYAL ASYLUM, 14th
June, 1909.

THE Committee have now the pleasure of submitting the Eighty-second Report on the affairs of the Asylum.

The Annual Statement of Accounts prepared by the Auditors, Messrs. J. & R. Morison, & Co., C.A., and now laid on the table, shows the position of the Institution at 31st March, 1909. The total Revenue for the year was - £16,009 9 10 and the total Expenditure, - 14,631 1 10

showing a surplus of - £1378 8 0

The average income per patient was £119 9s 5d, and the expenditure £109 3s 9d.

The sum received for Patients' Board was £13,847 9s, being £259 0s 3d less than last year. The average income from Board from 1864 to 1908, inclusive, is £7456 19s 4d.

The patients on the registers at 1st April, 1909, together pay £14,970, being an average board rate of £105 8s 5d.

The ordinary minimum board rate is £84 per annum, but during the past year 42 patients

from the City and County of Perth were maintained at rates varying from £30 to £52, in exercise of the charitable powers conferred on the Directors by the Charter.

The Farm Accounts, which, as usual, will be found with the other Financial Statements, show a surplus of £212 12s 5d. The quantity of milk supplied during the year was 9808 gallons.

The Accounts for the Garden show a deficit of £36 12s 3d.

During the past year, the purchase of Pitcullen was completed at a cost, including improvements, of £5386 2s 10d, and it is now in full occupation as a *dependence* of the Asylum.

Four Cottages for married attendants have also been provided and are giving great satisfaction. The cost of these was £1065 18s 3d.

Dr. Urquhart has raised the question whether a larger payment of debt than is provided for under the scheme adopted by the Directors might not be advantageously made at Martinmas following. The Committee suggest that the question be remitted to them for consideration, with powers.

The Annual Directors who retire at this time are :—

Lieut.-Col. E. R. STEWART RICHARDSON of
Ballathie ;

GEORGE A. MILLER, Esq., W.S., Perth ;

ROBERT KINLOCH, Esq., W.S., Perth ;

JAMES D. LUMSDEN, Esq., Huntingtowerfield.

The following names are suggested to fill the vacancies :—

Colonel D. M. SMYTHE of Methven ;
HECTOR MACDUFF DUNCAN, Esq., Damside ;
ALBERT BUTTER, Esq., Duntanlich ;
THOMAS R. MONCRIEFF, Esq., Springland ;

Mr. Butter being appointed a Member of the Committee of Management in room of Mr. Kinloch.



REPORT of the PHYSICIAN SUPERINTENDENT
for the Year ending 31st March, 1909,
presented at the ANNUAL MEETING OF
DIRECTORS, 14th June, 1909.

General
Statistics.

I HAVE the honour to present the Eighty-Second Annual Report, together with Tables of General and Medical Statistics.

On the 1st April, 1908, there were 133 persons on the Registers of the Asylum.

Forty-one persons were admitted during the year, of whom 18 were men and 23 were women. In the table of changes in the population, relative to cases, there appear 19 male admissions, and 24 female admissions, 2 of whom were removed unrecovered and soon returned.

Thirty-two persons were discharged, 20 men and 12 women, but one of these women was re-admitted and remains resident.

The number of deaths was one only, a woman.

The total number of persons under treatment was 172, and the average daily number on the Registers 134.

On the 31st March, 1909, there remained 69 men and 73 women—total, 142—being an increase of 9 during the year.

At the close of the year 4 patients were resident at Pitcullen, 2 at Mount Tabor Cottage, and 10 at the New Villas. Three were absent on pass. There were 10 voluntary patients, 5 male and 5 female.

The average rate of admissions from 1865 till 1908 inclusive is 32·87 per annum. This year 43 names have been entered on the Registers of the Asylum, 2 fewer than in 1908. The preponderance of gentlemen no longer continues. Admissions.

Thirty-seven patients were received for the first time; 4 returned relapsed, after having been discharged recovered; 1 returned on recrudescence of mental disorder; and 1 as above indicated should not have been removed to require re-admission. One of these relapsed cases was treated to recovery in 1896. Four patients were transferred from other Asylums, and 7 more had previously been in other Asylums. Of the 41 persons admitted 36 were found subject to physical diseases more or less severe, and 1 died within a short time after reception. The average age on admission was 39·00 (compared with 46·93 in 1908), and 3 were over 60 years of age (compared with 8 in 1908). While the average age on admission was 39·00 years, the average age on the first attack of the mental disorder was 31, 17 having occurred in adolescence. The records of the year have been exceptional in a smaller number of senile cases.

The causes of insanity as discovered on admission were ascertained more or less precisely in nearly every case. Twenty-five were hereditarily predisposed to mental derangement, while 12 belonged to families of neuropathic tendencies, and near relatives of 3 were markedly alcoholic. Thirteen had been subjected to mental stress of a severe nature, but each of them presented such a history as showed that they were inherently unable to withstand the anxieties under which Causes of
Insanity.

they had succumbed. The nervous failure in one evanescent case, consequent upon severe railway injuries, was apparently not complicated with any neuropathic family history.

Curability.

The number of curable patients admitted may be stated at 21, making allowance for possible improvement and temporary recoveries in certain doubtful cases, and of these 10 have left recovered, or are already convalescent. Twenty were indubitably in hopeless condition in this respect, owing to advanced degenerative diseases of vital organs or congenital defects. No fewer than 14 had previous attacks of insanity, besides 6 of such a nature that periodicity of mental disorder had been established. Five were re-admitted for the first time, and 1 for the fourth time.

Of those who were admitted during the first attack of insanity, 5 men and 11 women were received within three months of the inception of the malady; of those who were admitted relapsed, 8 men and 4 women were received within three months of the recurrence of the malady. These mainly constitute the curable cases.

Physical Diseases.

The usual list of physical diseases was noted as causative of, or complicating the mental malady, especially diseases of the heart, kidneys, and digestive system. Influenza was assigned as a causal factor in three cases admitted last year, but more important conditions existed in all of these. Eight patients were received consequent upon habitual drunkenness; but, as usual, other antecedent determining facts were ascertained relative to the occurrence of actual insanity in all of them.

Six patients required constant supervision on account of suicidal tendencies, and 10 were reported as dangerous to others.

Those admitted came from the following localities:—7 from Perth, 15 from the County of Perth, 2 from Edinburgh, 3 from Glasgow, 2 from Forfarshire, 6 from Fife, 2 from other parts of Scotland, and 4 from England. No application from the County of Perth was refused, and, as in former years, due consideration was shown to indigent patients of the class and from the locality prescribed by the Charter of Incorporation, but seven such applications from other parts of the United Kingdom could not be entertained.

The general Recovery Rate of the Asylum during the years 1865-1908 inclusive is 34·45. This year it is 20·93 (compared with 28·89 last year) on the number of admissions: 36·84 for men and 8·33 for women. Altogether 9 patients left the Institution restored to health, besides 2 who, having been convalescent on discharge, have since recovered. Of these the average duration of residence was 9 months. The shortest period was little over 2 months, and the longest period 4 years. As usual, a general and satisfactory increase in body weight was noted among the recoveries.

There is not much opportunity for the surgeon in the treatment of the insane, but two operations were performed on epileptic patients received last year. One had long suffered from suppurative disease of his ear, and, consequent upon surgical interference, his fits and maniacal excitement have

ceased since October, and the patient has been restored to his home. The other had been rendered insensible by a blow on his head in boyhood, and his skull was opened in the hope of finding a local cause for his epilepsy and mental deterioration. The results were, unfortunately, negative. There has been no improvement.

Unrecovered.

Of those cases (24) discharged unrecovered, 7 were transferred to other Asylums, 2 for the benefit of change and 5 having been unable to pay the minimum Rate of Board charged here. Five were returned to family life with good results; 3 were sent to private care; 6 were returned against advice to home care with untoward results; 1 has been sent to another Asylum, and 2 have returned here relapsed.

Died.

The percentage of Deaths on the average number resident was .74, the average rate of the Institution being 6.27. Such a low rate of mortality has not occurred since the opening of the Asylum in 1827. The patient died of exhaustion of mania within a fortnight of admission, with all the symptoms of an acute toxic condition of a virulent character. The actual number of deaths was 1 (at the age of 41), as compared with 11 last year.

It is hoped that the Scottish Asylums' Laboratory will be efficiently maintained to aid us in the study of our clinical cases, and to advance the scientific treatment of our patients. It is evident that experience, gained by means of the Laboratory, during the past twelve years, has led to proposals which will develop this

part of our work in various Scottish institutions, specially with the intention of more directly correlating what is done at the bedside with what is done in the laboratory. These proposals demand highly specialized skill and aptitude, and we must look in that direction for further progress. I would urge, however, that, in so far as possible, any revisal of methods should be inclusive of the continued support of the Central Laboratory already established by the Scottish Asylums generally, and that these local undertakings should be closely in touch with it, if not actually subsidiary to it.

The average daily numbers on the Registers during the year were:—Certified male patients, 64·79; female, 60·48; Voluntary male, 3·65; female, 5·35: Total, 134·27. This shows an increase of ·07 compared with last year, and an increase of 34·43 over the average daily total since 1864, which is 99·84. The lowest number occurred in August, 1908 (128), and the highest (143) in March, 1909.

Average
Numbers on
Registers.

The condition, as regards curability, of the patients remaining resident on 31st March was more favourable than at the same date last year. Hope may be entertained for the recovery of 17 cases. Ten were of suicidal tendencies, and 22 were dangerous to others. Eleven were epileptic, and 2 laboured under general paralysis. Sixteen were more than 60 years of age, besides twenty who have passed 70. The usual list of bodily diseases complicating the mental disorders was recorded, especially the great number of cardiac affections and allied degenerative changes of vital

organs. Considering this large proportion of aged and infirm patients and the low mortality of the year, the members of the Nursing Staff are entitled to due recognition of the care and attention with which they have performed their duties.

Occupations and
Amusements.

The occupation of patients has had due attention as in former years. It is difficult to find suitable employment, yet the average of the daily returns may be stated at the satisfactory number of 78. I hope that work will soon be found in completing the access to the villas and replacing the defective curling-pond, both of which undertakings are now desirable.

The usual amusements and recreations have been sustained, and the lengthy list of these include entertainments organized by Mr. Bryson, Mr. Graves, Mr. Richardson, and Mr. Taylor. The Chaplain and others have contributed to the social life of the Institution, and Directors have been present at several of our festivities. To these gentlemen our thanks are due.

There were 405 driving parties, and 558 visits were paid to patients. The number of visits has greatly increased. Last year they were stated at 432. This is a fortunate development, nevertheless I believe that it is an omission in the enactments governing our procedure that there is no statutory obligation laid upon those personally responsible for the detention of patients to visit them at convenient intervals. The more intimate and discreet the knowledge of our hospital methods, the better it is for the patients and staff.

Twenty-seven patients were at Elie, the house having been kept open from 28th April till 20th

November. This late date was necessary owing to our removal to Pitcullen. It was only then that it was ready for occupation.

There were no entries in the Register of Restraint. Restraint and Seclusion during the year, and no patients broke parole and failed to return to the Institution in accordance with their undertaking. The average number of patients entrusted with that liberty was 45. There was no escape.

The General Health of the establishment General Health. has been satisfactory, and the body weight of the patients has been well maintained, as ascertained by periodical examinations of the records. There was no epidemic disease. One case of erysipelas, and one of a suspicious eruption on the skin occurred. Both were recently admitted patients, and recovered satisfactorily from these maladies.

There was no serious accident, and comparatively few slight injuries among turbulent and feeble cases. One records these matters with thankfulness. Accidents.

The General Management of the Institution General Management. has proceeded on the usual lines, approved by experience. Indeed, the year has been singularly uneventful, and there has been little of special interest to report. For a long term of years reconstruction and additions have been in progress, leaving only inconsiderable undertakings to be completed, if it should be decided that the accommodation is not to be augmented.

At present, however, there does not seem to be necessity for enlargement on any considerable scale, for the Commissioners show yearly no increase in the number of private patients in Scotland in proportion to the population; and for the last four years our average numbers on the Registers have remained about 134. There is therefore no need to discuss this matter further than to remind the Directors that we have lost accommodation for five patients at the higher rates by the change from Kincarrathie to Pitcullen. By adding three bedrooms, etc., to the Pavilion at Pitcullen this loss will be so far made good.

As usual, painting and repairs have been executed in various parts of the buildings in order to maintain them in a condition of efficiency. The East Hospital has been thoroughly cleansed and decorated, and the West Hospital is now being similarly treated.

New hot water tanks have been introduced, so that there is an ample supply in all parts of the building at all times.

The main building has long harboured rats, which seem to come and go at different seasons of the year. A skilful attempt has been made to shut them out and to force those which remained into traps, and this nuisance has certainly been abated. The virus administered last year proved ineffective.

Pitcullen has been occupied by ladies since last November. The structural alterations were trifling—mainly the provision of a bedroom for the Matron and a pantry for the housemaid. The roofs and rain-water conductors required repair, and the whole house was painted and

papered. The stables were altered and enlarged, and coach-houses and motor shed were erected.

It should be mentioned that the Attendants' houses have been in occupation for a year, and that they are reported satisfactory in actual use. The system of heating derived from the kitchen fire has been successful. Unfortunately the Gannochy Road has not yet been repaired by the City authorities, who were found liable for its upkeep by the Court of Session.

The Factory Inspector visited the Laundry in accordance with his instructions, and indicated certain improvements which he recommended. These were for the protection of the workers using machinery, and have been adopted, viz., hinged covers for hydro extractors, guards for rollers, and protection for gauge glasses.

The Gardener reports that the results of the Garden. year were better than those of 1907-8. The spring crops were satisfactory, but the autumn and winter vegetables failed owing to the dry weather. Fruit did well, with the exception of gooseberries and apples, injured by the disastrous effects of the severe frost of 24th April. Much time was occupied by the change to Pitcullen and the removal of the greenhouses at The Murray, and an extra gardener was found necessary. Half the vines were cultivated, but those which got no special attention yielded a good supply of grapes for cooking.

The stock on the farm was kept in good con- Farm. dition, and there were no losses. The Pitcullen parks afforded feeding for nine young cattle instead

of four as usual, but gave no more profit. The mid field, which was broken up two years ago, yielded nearly a sufficiency of potatoes and turnips for our use. The hay crop is likely to last until the grass is grown. Cows and pigs have been selling at high prices. It has been thought proper to charge the milk supplied at 9½d a gallon.

The Staff.

The changes in the Nursing Staff have been few in number, and almost represent a minimum. Only 2 charge nurses left us; the resignations (11) therefore are represented almost exclusively by those occurring in the lower grades of the service. One attendant left for adequate reasons, 2 to enter private nursing, 3 unsuitable, and 1 found drunk on duty. One nurse resigned to enter on general hospital work, 1 to enter on private nursing, 1 unsuitable, and 1 died. Nurse Corlett's long illness referred to in the Report of last year could only have this sad result. I am informed that her residuary legatee is to place a window to her honoured memory in the Chapel, with the consent of the Directors.

The length of service of the members of the staff may be summarised as follows:—3 have served for more than 30 years, 2 for more than 20 years, 13 for more than 10 years, 14 for more than 5 years, and 24 for more than 2 years.

Mr. Knight has succeeded Mr. Henry as Chief Attendant and Storekeeper. He entered the service in 1888 and has remained here since then, with the exception of a period of three years, when he enlarged his experience in the Royal Edinburgh and Paisley Asylums.

The Reports of the Visiting Commissioners in Lunacy are presented herewith.

Only those who are conversant with the details of the work done here can appreciate the responsible and arduous nature of the service, and can fully understand the thanks and gratitude which I endeavour to express on the conclusion of each year ; however formally they are conveyed, I feel assured that the Directors know them to be sincere.

A. R. URQUHART.



Names of (18) Attendants and (47) Nurses who have gained the Certificate of the Medico-Psychological Association—

1891	JAMES SMITH. ⁷	ISABELLA SKEEN. ⁴
	ROBERT KNIGHT. ¹	ELLEN BAXTER. ⁴
	WM. D. PENNYCOOK. ¹⁰	CLARA J. L. JOHNSTONE. ²
	ISABELLA SCOTT. ¹	CHRISTINA FORD. ⁶
	ALICE MARY JAMIESON. ⁶	JOHN CAMERON. ⁶
1894	JOHN BROWN. ⁶	DONALD MACLEISH. ¹
	HELEN CRAIG. ³	1902 MARGARET SUTHERLAND. ⁵
	JEAN ANNE GLEGG. ²	ELIZA CORLETT. ¹⁰
1896	ANNE LOW. ³	JAMES F. STALKER. ⁶
	JANE E. GOULBOURN. ³	GRACE W. GUTHRIE. ²
	BARBARA PIRIE. ⁹	CECILIA MOLUMBY. ⁶
	NELLIE G. SMITH. ⁶	1903 WILLIAM TASKER. ¹
	ANNIE M. URQUHART. ⁶	ALEXANDER CAMERON. ²
1897	ANNE DARLINGTON. ³	JESSIE MORISON. ⁴
	BARBARA CRUICKSHANK. ³	1904 MARGARET J. FORSTER. ²
	HARRIET TAYLOR. ⁵	ALICE LEYS. ⁶
1898	JAMES CAIRNS. ²	ISABELLA M. LUMSDAINE. ²
1899	DAVID DUNCAN. ⁸	BESSIE MURDOCH. ⁴
	JOHN M'LAGAN. ¹	ANNIE THOMSON. ¹
	ALEXR. W. THORNELY. ¹	1905 ELIZABETH PIRIE. ⁴
	CAROLINE FLETCHER. ⁴	SUSAN NIMMO. ⁴
	CHRISTIAN B. LUMSDEN. ⁴	MARGARET BUCHANAN. ⁴
	MARY MORISON. ²	MARGARET DOIG. ²
	LOUISA CHAMBERS. ⁴	MARY BLANCHE. ²
1899	MARY MACKINTOSH. ⁴	LILY CLEMENT. ⁴
	NELLIE ROBERTSON. ⁸	1906 MADGE MACDONALD. ¹
1900	HELEN J. PATILLO. ⁴	ISABELLA RUTHERFORD. ²
	MARGARET CHAMBERS. ²	JAMES SHORT. ¹²
	JANE GUTHRIE. ⁶	1907 WILLIAM FORBES. ¹
	ANNE COUTTS. ²	ROBERT J. PATTON. ²
	MARGARET A. KELLAS. ⁴	JOHN ROBERTSON. ²
1900	ALEXANDER KETHEL. ²	GRACE SANGSTER. ²
1901	JESSIE H. HUNTER. ²	

Names of those who have gained the Morison Medal for meritorious attendance on the Insane—

ADAM SMITH. ¹⁰	DAVID ROBERTSON. ¹⁰
JAMES GOWANLOCK. ¹¹	DUNCAN MENZIES. ¹¹
THOMAS WHYTE. ¹	JANE LAWRENCE. ¹

¹Remains in this service. ²Private Nursing. ³Married. ⁴General Hospital Nursing. ⁵Matron and Chief Nurse, Aberdeen Royal Asylum. ⁶Otherwise engaged. ⁷Head Attendant, Glasgow Royal Asylum. ⁸Charge of Villa, Kingseat Asylum. ⁹Matron, Lanark Asylum. ¹⁰Died in this service. ¹¹Died on pension. ¹²Charge of Villa, Dumfries Royal Asylum.

TABLE

Showing Changes in the Population of the Asylum during the Year ending 31st March, 1909.

						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
1st April, 1908.	{	Resident in the Asylum,	58	45	5	4	112			
		Remaining on Pass,	0	1	0	0	1			
		Remaining at the Villas,	6	4	0	2	12			
		Remaining at Kincarrathie,	2	4	0	0	6			
		Remaining at Mount Tabor,	0	2	0	0	2			
		Total number on Asylum Books,	66	56	5	6	133			
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases Admitted—										
		First Admissions,	14	21	1	1	37			
		Not First Admissions,	3	2	1	0	6			
Total Cases admitted during the year,						17	23	2	1	43
Total Cases under care during the year,						83	79	7	7	176
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases discharged and died—										
		Recovered,	7	2	0	0	9			
		Relieved,	8	8	1	2	19			
		Not Improved,	4	0	1	0	5			
		Died,	0	1	0	0	1			
Total Cases Discharged and Died during the year,						19	11	2	2	34
31st March, 1909.	{	Total number on Asylum Books,	64	68	5	5	142			
		Remaining on Pass,	0	3	0	0	3			
		Remaining at the Villas,	5	3	0	2	10			
		Remaining at Pitcullen,	0	4	0	0	4			
		Remaining at Mount Tabor,	0	2	0	0	2			
		Resident in the Asylum,	59	56	5	3	123			
Officers, 6 ; Housekeepers, 2 ; Attendants, 21 ; Nurses, 25 ; Artisans, 22 ; Servants, 20										
						Certificated.		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Average numbers on Books during the year,						64.79	60.48	3.65	5.35	134.27
Lowest number resident, August, 1908,						64	56	3	5	128
Highest number resident, March, 1909,						64	68	5	6	143
Persons under care during the year,						81	77	7	7	172
Persons admitted during the year,						16	22	2	1	41
Persons discharged recovered during the year,						7	2	0	0	9
Transferred from other Asylums,						1	3	0	0	4
Transferred to other Asylums,						6	0	1	0	7
Percentage of Recoveries on Admissions,						36.84	8.33	0	0	20.93
Percentage of Deaths on average numbers resident,						0	1.65	0	0	.74

REPORTS
OF THE
COMMISSIONERS IN LUNACY
FOR THE YEAR.

REPORT BY DR. JOHN MACPHERSON.

JAMES MURRAY'S ROYAL ASYLUM,
Perth, 27th October, 1908.

THE Asylum was last visited on the 9th April of the present year.

There are at this date 132 patients on the Registers, of whom 124—63 gentlemen and 61 ladies—are certified and 8—3 gentlemen and 5 ladies—are voluntary inmates.

Since the previous visit, 22 patients have been admitted; 7 have been discharged recovered (including 2 voluntary patients who left the Institution); 14 were discharged unrecovered; and 1 lady died.

The cause of death is registered as exhaustion from acute mania, and a *post-mortem* examination was held.

There are no entries in the register of accident, of escape, or of restraint and seclusion.

The staff of nurses and attendants continues to be large and effective; the proportion of day attendants—excluding officials—being 1 to 3·3

patients, and of night attendants 1 to 16. Out of a total staff of 47 attendants, 7 men and 5 women resigned, and 5 men and 7 women were engaged.

Two patients were absent on pass and 5 ladies are still at the sea-side house at Elie, pending the alterations on Pitcullen House. With these exceptions, all the inmates were seen and were all given an opportunity of making any statement they pleased. Beyond natural references to the prospects of liberation on the part of a few of them, there were no complaints of any kind, and none of them requested a private interview. The impression formed was that the patients as a whole were as happy and contented as the circumstances of their enforced confinement could possibly permit.

Five gentlemen and 7 ladies were confined to bed, some of them labouring under the infirmities of age, others on account of serious nervous or physical ailments, and one or two for purposes of rest in pursuance of the treatment of acute mental disease.

Excepting one lady who was labouring under acute mania, there was no noise or excitement in any of the wards during the visit.

Twenty-five gentlemen and 23 ladies usually attend Divine Service in the Chapel on Sundays, and 32 gentlemen and 25 ladies attend the associated amusements during the week.

The Asylum was found everywhere in excellent order, bright, cheerful, and comfortable. The wards are liberally supplied with literature, and with the usual accessories which are likely to interest or amuse the patients.

Useful employment is found for 81 of the inmates, several of whom are interested in and benefit by the work they do.

Pitcullen House is being prepared for the reception of patients, and promises to afford an excellent and quiet home for the class that formerly occupied Kincarrathie House. It is smaller than the latter, but Dr. Urquhart is of opinion that, judging from the average number of resident patients during the past five years, it is sufficiently large for the requirements of the Institution.

The case books and the official registers were examined and found to be well and correctly kept.

JOHN MACPHERSON,

Commissioner in Lunacy.

REPORT BY DR. JOHN FRASER.

JAMES MURRAY'S ROYAL ASYLUM,
Perth, 14th April, 1909.

THERE are 66 gentlemen and 66 ladies on the Registers of the Asylum as certified patients. Of these, 3 ladies are absent on pass, and 1 gentleman is absent for the day. There are 5 gentlemen and 5 ladies at present in the Asylum as voluntary boarders. The total number on the register is 142.

The changes among the certificated patients since last visit are as follows:—9 gentlemen and 13 ladies have been admitted, 3 gentlemen and 1 lady have been discharged as recovered, and 3

gentlemen and 7 ladies have been discharged as unrecovered. No death has taken place. Two gentlemen and 1 lady have been admitted as voluntary boarders, and 1 lady, resident in that capacity, has left.

It has not been found necessary to resort to the use of mechanical restraint or seclusion in any case during the period under review. Two casualties are recorded, neither of which was of serious character. There has been no escape.

It is noted with satisfaction that the changes among the nursing staff have since last visit been few, only 1 attendant and 2 nurses having resigned, and 1 attendant and 1 nurse having been engaged. There has been no dismissal. The staff is maintained at very good strength, the proportion for day duty being 1 to 4 in the gentlemen's division and 1 to 3.2 in that of the ladies. The night staff consists of 3 attendants and 4 nurses. The record of service among the attendants is excellent, 4 having served over 10 years, 6 over 5 years, 4 over 2 years, and 8 less than 2 years. Owing principally to the tendency of the nurses to proceed to general hospital training their record of service is not so satisfactory—3 out of 25 have served over 5 years, 9 over 2 years, and 13 under 2 years. Six attendants and 3 nurses hold the certificate of the Medico-Psychological Association for proficiency in mental nursing.

A block of four houses has been built, on a suitable and convenient site, for married attendants. Each home contains 3 rooms, and in their arrangements every requirement as to comfort has been met. In providing these houses the Directors have

adopted the surest means of inducing trustworthy and efficient attendants to remain permanently in the service of the Institution.

The patients were found in a highly satisfactory condition. Great tranquillity prevailed throughout the Asylum, a circumstance which the comforts, which are liberally provided for the patients, contribute largely to bring about. All that was seen during the visit bore evidence of the great care and ability in the treatment of the patients. The observing and recording of the medical and other details which may elucidate the nature of every case is carried out in this Asylum in an extremely elaborate and efficient manner. Six patients of each sex were confined to bed; the rest appeared to be in good bodily health. There are 12 patients on parole beyond the grounds, and 29 have the privilege of parole within the grounds; these figures show the spirit in which the Asylum is managed. Fifty-eight patients attended Divine Service in the Asylum Chapel last Sunday. The decoration of the Chapel has been completed, and the beauty of its interior cannot fail to add effectively and beneficially to the influence of Divine Service. Fifty patients are usually present at associated entertainments, and much is done for the amusement of the patients by encouraging them to join in both outdoor and indoor games. Of the 47 gentlemen registered as employed, 16 are actively engaged daily in field and garden work. A large number of patients have drives: during 1908 there were 310 driving parties.

The hospital wards in the ladies' division have been most tastefully repapered and redecorated,

and a similar renovation of the hospital section in the gentlemen's division is now in progress. The other parts of the Asylum were, as usual, found in admirable order. Pitcullen House, the accommodation of which resembles that of a well-appointed private mansion, is occupied by 5 ladies. By relinquishing Kincarrathie, five beds for gentlemen at the higher rates of board were lost, and arrangements to replace them had to be made in one of the villas and in the main building. At present the accommodation for gentlemen at the higher rates is hardly adequate, and should the admission of this class increase, the most desirable method of providing further accommodation will fall to be considered. It is understood that the Pavilion in the grounds of Pitcullen could, by internal reconstruction, be made into a suitable and comfortable house for two gentlemen at these rates.

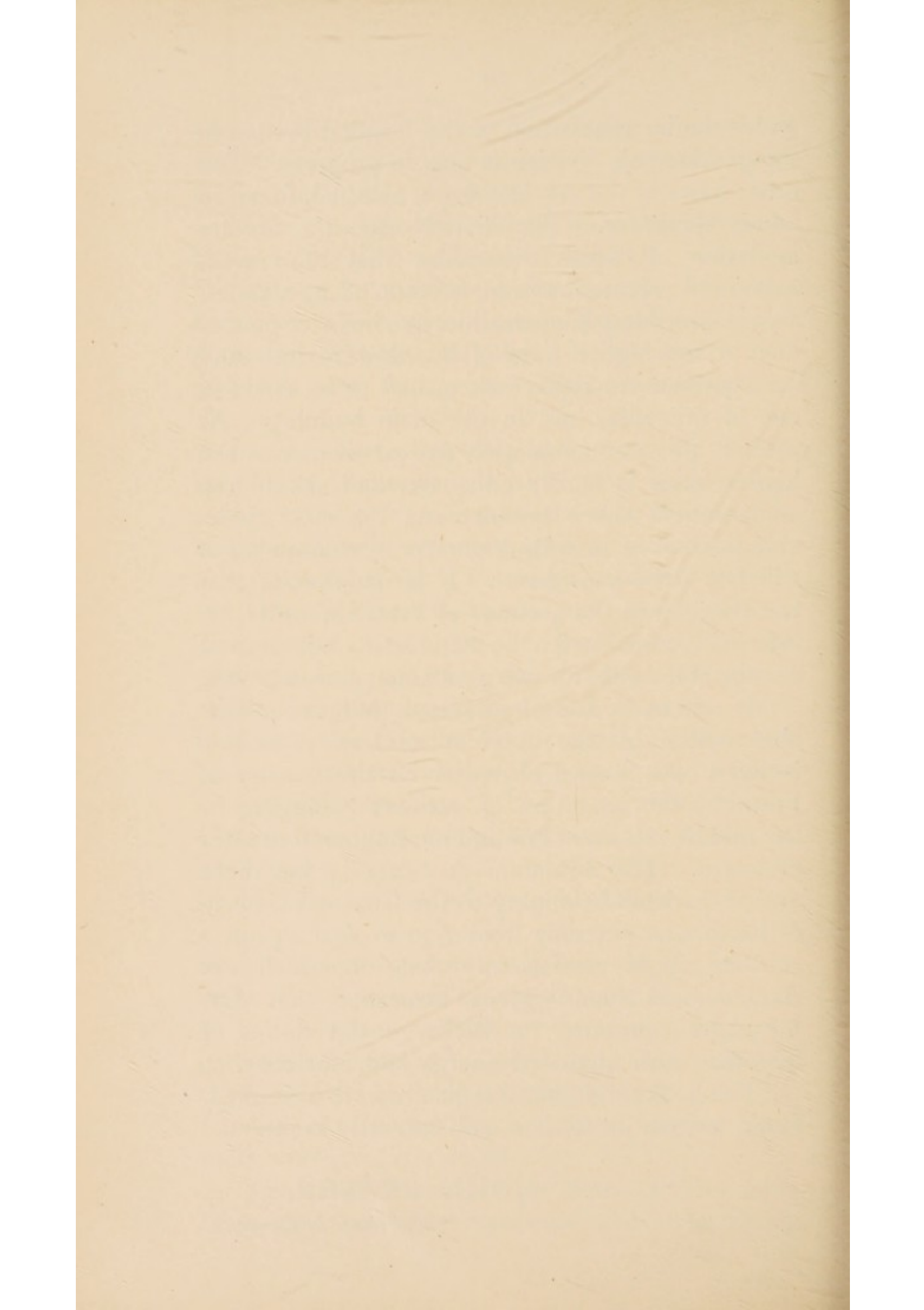
It cannot be too often stated that the charitable action of the Asylum confers pecuniary benefits of a liberal character on the County of Perth by the reception of patients belonging to the middle classes at low and unremunerative rates of board. The minimum rate is £84, but there are 36 patients belonging to the City and County of Perth who pay only from £30 to £52 a year.

The highly satisfactory state in which the Asylum was found gives assurance that Dr. Urquhart continues to discharge the duties of his office with unabated energy and efficiency.

The books and official registers were examined, found written up to date, and correctly kept.

JOHN FRASER,

Commissioner in Lunacy.



1908.

STATISTICAL TABLES.

PREPARED BY DR. B. J. ALCOCK.

(These Tables do not include Voluntary Patients).

TABLE 1

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year ending 31st December, 1908

	M.	F.	T.	M.	F.	T.
In the Asylum, 1st January, 1908, ...				65	57	122
Cases Admitted—						
First Admissions,	14	18	32			
Not First Admissions,	3	2	5			
Total Cases Admitted,				17	20	37
Total Cases under care during the year,				82	77	159
Cases Discharged and Died—						
Recovered,	7	1	8			
Relieved,	6	6	12			
Not Improved,	5	3	8			
Died,	1	3	4			
Total Cases Discharged and Died, ...				19	13	32
Remaining in the Asylum, 31st December, 1908,				63	64	127
Average resident during the year,				65·33	58·21	123·28
Persons* under care during the year,†				81	77	158
Persons admitted ,,				16	20	36
Persons recovered ,,				7	1	8
Transferred‡ to this Asylum,				1	3	4
Transferred from this Asylum,				6	1	7

* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

† Total cases, minus re-admissions of patients discharged during the current year.

‡ Patients transferred from one Asylum to another, even when re-certified, are to be regarded as transfers.

TABLE 1a

Showing (1) the Previous Attacks among Persons admitted during 1908, and (2) the Number of Times they had previously Recovered in this or any Asylum

(1) Number of Previous Attacks	Persons		
	Male	Female	Total
Have had One Attack,	0	5	5
„ Two Attacks,	1	2	3
„ Three or more Attacks,	2	2	4

(2) Number of Times Patients Recovered	In this Asylum			In any Asylum		
	M.	F.	T.	M.	F.	T.
Once,	1	1	2	1	2	3
Twice, ... ..	...	...	...	...	...	...
Thrice or more,	1	1	2	...	...	...

TABLE 2

Showing the Admissions, Re-admissions, Discharges, and Deaths for the Forty-four Years from the 1st of January, 1865, to the 31st December, 1908

	M.	F.	T.	M.	F.	T.
Number resident, January 1st, 1865,				37	34	71
Persons Admitted during the period of 44 years,	555	539	1094			
Re-admissions,	109	122	231			
Total Cases Admitted,				664	661	1325
Total Cases under care during the 44 years, ...				701	695	1396
Cases Discharged and Died—						
Recovered,	205	228	433			
Relieved,	197	196	393			
Not Improved,	94	93	187			
Died,	142	114	256			
Total Cases Discharged and Died,				638	631	1269
Remaining 31st December, 1908,				63	64	127
				M.	F.	T.
Average resident during the 44 years,				49·59	45·65	95·07
Transferred to this Asylum,				86	74	160
Transferred from this Asylum,				139	111	250

TABLE 2a

Showing the Admissions and Recoveries of Persons* from 1st January, 1865, to 31st December, 1908 (a period of Forty-four Years)

History of Recoveries of Persons				The same, only omitting all Persons transferred from other Asylums		
	M.	F.	T.	M.	F.	T.
Persons Admitted during 44 years,	555	539	1094	502	501	1003
Of whom were Discharged Recovered during the same period, being 32·91 per cent. of Persons Admitted,	175	185	360	165 (per cent. 34·10)	177	342
Of whom were Re-admitted Relapsed,† ...	44	52	96	39	49	88
Leaving Recovered Persons who have not Relapsed,	131	133	264	126	128	254
Relapsed Persons Discharged Recovered,‡ ...	30	29	59	30	28	58
Net Recovered Persons, § being 29·52 per cent. of Persons Admitted,	161	162	323	156 (per cent. 31·11)	156	312

* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

Re-admission applies only to re-admission into this Asylum.

† *i.e.*, Persons who have relapsed one or more times.

‡ *i.e.*, After last re-admission, if relapsed one or more times.

§ *i.e.*, Recovered persons sane at the present time so far as the Asylum statistics show.

TABLE 3:—Showing the Admissions, Discharges, and Deaths per cent. of the Admissions, for each Year since

Year	Admitted					DISCHARGED									Died		
	First Time		Not First Time		Tot.	Recovered			Relieved			Not Improved					
	M.	F.	M.	F.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1827 to 1864	625	601	97	145	1468	262	361	623	97	114	211	158	129	287	168	108	27
1865	9	9	4	0	22	4	3	7	5	2	7	2	7	9	1	0	
1866	11	3	1	3	18	4	6	10	5	4	9	2	1	3	2	2	
1867	12	6	3	1	22	3	3	6	5	2	7	0	0	0	5	1	
1868	10	11	2	3	26	4	3	7	2	0	2	1	2	3	1	3	
1869	19	15	3	3	40	4	4	8	7	2	9	2	2	4	3	0	
1870	7	12	3	5	27	5	4	9	2	3	5	4	7	11	2	4	
1871	8	22	1	3	34	3	6	9	4	6	10	4	4	8	2	6	
1872	12	7	1	2	22	4	4	8	2	1	3	3	4	7	1	2	
1873	5	7	3	2	17	3	3	6	2	3	5	5	5	10	2	2	
1874	5	9	1	4	19	3	2	5	3	6	9	2	2	4	2	3	
1875	3	7	2	1	13	2	3	5	1	2	3	1	0	1	4	3	
1876	10	5	0	2	17	2	5	7	0	1	1	0	3	3	3	3	
1877	7	6	1	0	14	2	0	2	5	3	8	5	1	6	0	0	
1878	2	6	0	1	9	1	6	7	1	2	3	2	2	4	1	0	
1879	9	9	0	1	19	2	2	4	0	1	1	1	0	1	2	2	
1880	9	15	1	1	26	2	6	8	2	1	3	0	0	0	4	1	
1881	9	5	1	2	17	5	5	10	2	7	9	1	0	1	3	1	
1882	6	9	0	1	16	1	0	1	3	4	7	2	3	5	4	1	
1883	20	11	1	3	35	6	8	14	2	2	4	2	3	5	2	2	
1884	9	14	2	4	29	3	5	8	4	3	7	3	1	4	2	5	
1885	12	11	2	5	30	2	4	6	5	6	11	1	4	5	2	1	
1886	17	13	2	2	34	9	5	14	9	6	15	3	1	4	1	1	
1887	14	22	4	6	46	7	11	18	3	10	13	0	4	4	2	1	
1888	12	11	5	8	36	5	7	12	6	7	13	0	2	2	1	2	
1889	12	10	0	2	24	3	7	10	6	9	15	0	0	0	6	2	
1890	13	15	3	4	35	2	6	8	7	2	9	3	0	3	4	3	
1891	13	14	3	4	34	6	8	14	7	4	11	1	1	2	6	5	
1892	13	13	5	1	32	2	7	9	3	4	7	4	1	5	4	5	
1893	18	11	2	3	34	12	7	19	6	4	10	1	0	1	3	3	
1894	17	9	4	5	35	7	5	12	3	5	8	2	0	2	7	2	
1895	15	12	4	8	39	6	8	14	5	7	12	1	2	3	2	1	
1896	15	16	8	1	40	10	6	16	6	7	13	3	3	6	3	3	
1897	22	17	0	1	40	9	10	19	3	3	6	1	2	3	4	3	
1898	20	16	2	3	41	4	7	11	11	4	15	1	0	1	5	2	
1899	23	10	6	0	39	5	3	8	9	6	15	1	2	3	7	3	
1900	17	15	4	3	39	7	1	8	8	2	10	3	1	4	6	4	
1901	16	18	2	2	38	8	9	17	4	6	10	2	4	6	2	3	
1902	20	22	3	4	49	4	3	7	9	11	20	4	6	10	5	4	
1903	14	17	6	0	37	7	9	16	4	4	8	2	2	4	2	7	
1904	19	15	0	6	40	2	3	5	10	4	14	5	1	6	8	4	
1905	10	16	5	4	35	8	11	19	0	8	8	4	4	8	2	5	
1906	13	16	2	3	34	4	7	11	3	9	12	4	3	7	7	2	
1907	14	14	4	3	35	6	5	11	7	7	14	1	0	1	6	4	
1908	14	18	3	2	37	7	1	8	6	6	12	5	3	8	1	3	
Tot. for 44 Years	555	539	109	122	1325	205	228	433	197	196	393	94	93	187	142	114	25
General Totals,	1180	1140	206	267	2793	467	589	1056	294	310	604	252	222	474	310	222	53

the mean Annual Mortality and Proportion of Recoveries
opening of the Asylum, 30th of June, 1827

terminating 31st December in each year		Average Number Resident			Percentage of Recoveries on Admissions			Percentage of Deaths on Average Number Resident.		
F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
34	71	73'13	62'30	135'4	36'28	48'39	42'43	5'66	4'36	5'05
31	69	39'60	34'00	73'60	30'77	33'33	31'82	3'21	...	1'36
21	58	37'09	24'80	61'89	33'33	100'00	55'55	5'39	8'02	6'46
25	64	39'67	25'46	65'13	20'00	42'85	27'27	12'60	3'92	9'21
31	74	38'08	30'09	68'17	38'46	15'38	26'92	2'62	9'97	5'87
41	90	45'77	40'56	86'33	18'18	22'22	20'00	6'55	...	3'47
40	86	48'54	41'75	90'29	50'00	23'53	33'33	4'12	9'58	6'64
43	85	45'65	41'87	87'52	33'33	24'00	26'47	4'38	14'27	9'13
41	86	42'92	41'10	84'02	30'77	44'44	36'36	2'32	4'86	3'57
38	79	42'70	40'64	83'34	37'50	33'33	35'29	4'68	4'92	4'79
37	74	37'39	41'23	78'62	50'00	15'38	26'31	5'35	7'27	6'35
37	71	36'36	34'19	70'55	40'00	37'50	38'46	11'00	8'77	9'92
32	71	36'87	37'16	74'03	20'00	71'42	41'17	8'14	8'10	8'10
34	69	36'83	34'41	71'24	25'00	...	14'28	...	...	...
31	63	33'18	35'74	68'92	50'00	85'71	77'77	3'01	...	1'45
36	72	34'13	33'79	67'72	22'22	30'00	26'31	5'83	5'92	5'88
44	82	37'80	38'93	76'73	20'00	37'50	30'76	15'82	2'56	6'43
38	75	38'12	40'58	78'70	50'00	71'42	58'82	7'87	2'46	6'43
40	73	31'58	40'95	72'53	16'66	...	6'25	12'60	2'44	6'89
39	81	38'24	42'00	80'24	28'57	57'14	40'00	5'20	4'76	4'99
43	84	41'88	40'57	82'45	27'25	27'77	27'58	4'75	12'07	8'48
44	89	44'18	44'93	89'11	14'28	25'00	20'00	4'52	2'44	3'37
46	88	44'70	44'73	89'43	47'32	33'33	41'17	2'23	2'23	2'23
48	96	44'45	50'00	94'45	38'88	39'28	39'13	4'49	2'00	3'17
49	102	49'15	47'52	96'67	29'41	36'84	33'33	2'03	4'20	3'10
43	93	51'43	45'55	96'98	25'00	58'33	41'66	11'08	4'40	8'24
51	101	49'28	45'76	95'04	12'50	31'58	22'85	8'11	6'55	7'36
51	97	49'59	50'24	99'83	37'50	44'44	41'18	13'04	9'80	11'34
48	99	48'09	52'44	100'53	11'11	50'00	28'12	8'31	9'53	8'95
48	97	46'78	48'16	94'94	60'00	50'00	55'90	6'41	6'22	6'31
50	101	51'11	49'60	100'71	33'30	35'71	34'28	13'69	4'03	8'93
52	108	53'54	51'70	105'24	31'60	40'00	35'90	3'73	1'93	2'93
50	107	55'47	50'27	105'74	43'47	30'70	40'00	5'40	5'96	5'67
50	112	60'24	50'23	110'47	40'90	55'55	47'50	6'64	5'97	6'33
56	119	72'07	52'23	124'30	18'18	36'82	27'80	6'93	3'82	5'68
52	122	66'89	53'23	120'12	17'24	33'33	20'51	10'46	5'63	8'32
62	129	67'26	54'28	122'14	33'33	5'55	20'51	8'92	7'36	8'17
60	129	67'08	60'56	127'65	44'44	45'00	44'73	2'98	4'95	3'13
62	132	70'27	61'55	131'82	17'39	11'53	14'28	7'11	6'49	6'82
57	132	72'04	59'66	131'70	35'00	52'94	43'24	2'77	11'73	6'84
66	135	71'90	60'65	132'58	10'53	14'28	12'50	11'12	6'59	9'05
58	128	66'95	60'39	127'34	53'33	55'00	54'29	2'98	8'28	5'49
56	123	67'32	60'10	127'39	26'67	36'84	32'06	10'39	3'33	7'06
57	122	67'25	56'84	124'09	33'33	29'41	31'43	8'92	7'04	8'01
64	127	65'33	58'21	123'28	41'18	5'00	21'62	1'53	5'15	3'24
Average or percentage		49'59	45'65	95'07	31'77	37'03	33'75	6'60	5'58	6'02
		61'36	53'98	115'24	34'03	42'71	38'09	6'13	4'97	5'54

TABLE 4

Showing the Causes of Death, with the Ages at Death, during the Year 1908

Cause of Death	Between 25 and 30			Between 30 and 35			Between 35 and 45			Between 45 and 60			Between 60 and 75			Between 75 and 95			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Exhaustion of Acute Mania, ...	...	...	...	...	...	...	0	1	1	...	...	...	...	...	...	...	...	...	0	1	1
Valvular Disease of Heart, ..	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	1	1	2
Phthisis Pulmonalis, ...	0	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	1	1
Total, ...	0	1	1	...	...	...	0	1	1	...	...	...	1	1	2	...	...	...	1	3	4

TABLE 5

Showing the Length of Residence in those Discharged Recovered
and in those who have Died during the Year 1908

Length of Residence						Recovered			Died		
						M.	F.	T.	M.	F.	T.
Under 1 Month,	...	...	...	...	...	...	...	...	0	1	1
1 Month and under 3 Months,	...	...	...	...	...	1	0	1	...	...	...
3 Months	„	6	„	...	..	4	0	4	0	1	1
6	„	„	9	„	...	1	0	1	...	...	...
9	„	„	1 Year,	...	..	...	...	...	...	...	...
1 Year	„	„	2 Years,	...	...	1	0	1	...	...	...
2 Years	„	3	„	...	...	...	...	...	...	...	...
3	„	„	4	„	...	0	1	1	...	...	...
4	„	„	5	„	...	...	...	...	...	...	...
5	„	„	10	„	...	...	...	...	1	1	2
Over 10 Years,	...	...	...	...	...	...	...	...	...	...	...
Total,	...	...	...	...	...	7	1	8	1	3	4

TABLE 6

Showing the Duration of the Disorder on Admission in the Admissions
Discharges, and Deaths, during the Year 1908

CLASS	Admissions			Discharges						Deaths			
				Recovered			Removed Relieved or otherwise						
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
FIRST CLASS													
First attack, and within 3 months on admission,	7	5	12	3	0	3	2	1	3	...	...	...
SECOND CLASS													
First attack above 3, and within 12 months on admission,	2	0	2	...	...	...	2	2	4	0	1	1
THIRD CLASS													
Not first attack, and within 12 months on admission,	4	8	12	4	1	5	1	1	2	0	2	2	
FOURTH CLASS													
First attack or not, but of more than 12 months on admission,	4	7	11	...	...	...	6	5	11	...	...	...
FIFTH CLASS													
Congenital,	...	...	...	...	...	...	...	...	...	1	0	1
Total,	17	20	37	7	1	8	11	9	20	1	3	4	

TABLE 7

Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1908, and of those remaining on 31st December, 1908

	Admissions			Recovered			Deaths			Remaining		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
15 years and under 20 years,	0	1	1	...	...	...	...	...	...	0	1	1
20 " " 25 "	4	1	5	3	0	3	...	...	...	4	1	5
25 " " 30 "	...	...	...	...	...	...	0	1	1	2	2	4
30 " " 35 "	2	7	9	0	1	1	...	...	...	1	7	8
35 " " 40 "	2	1	3	1	0	1	...	...	...	6	6	12
40 " " 45 "	3	3	6	1	0	1	0	1	1	12	4	16
45 " " 50 "	1	2	3	1	0	1	...	...	...	8	8	16
50 " " 55 "	2	0	2	...	...	...	...	...	...	10	3	13
55 " " 60 "	0	2	2	...	...	...	...	...	...	7	9	16
60 " " 65 "	1	1	2	...	...	...	1	0	1	2	6	8
65 " " 70 "	2	0	2	1	0	1	0	1	1	2	6	8
70 " " 75 "	0	1	1	...	...	...	...	...	...	5	5	10
75 " " 80 "	0	1	1	...	...	...	...	...	...	2	4	6
80 " " 85 "	...	...	...	...	...	...	...	...	...	1	2	3
85 " " 90 "	...	...	...	...	...	...	...	...	...	...	...	...
90 " " 95 "	...	...	...	...	...	...	...	...	...	1	0	1
Total, 	17	20	37	7	1	8	1	3	4	63	64	127

TABLE 8

Showing the condition as to Marriage in the Admissions, Recoveries, and Deaths during 1908, and of Patients Resident 31st December, 1908

Condition in reference to Marriage	Admissions			Recovered			Deaths			Patients Resident, Dec. 31st, 1908		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single, ...	10	13	23	5	1	6	1	2	3	50	43	93
Married, ...	6	4	10	2	0	2	...	...	...	9	11	20
Widowed, ...	1	3	4	...	...	...	0	1	1	4	10	14
Total, ..	17	20	37	7	1	8	1	3	4	63	64	127

TABLE 9 showing the Causal Factors in

M., 16; F., 20

Causal Factors.				Total.			Heredity.								Stress.		
				Incidence.			Denied.		Insane.		Neurotic		Alcoholic.		Mental.		Phy.
M.	F.	T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.		
Neuropathic Heredity Denied,				3	2	5	3	2	...	...	...	...	...	...	1	0	..
Heredity of Insanity,				9	11	20	...	...	9	11	3	6	3	2	2	3	2
Heredity of Neuroses only, ...				3	6	9	...	...	3	6	3	6	2	4	1	4	0
Heredity of Alcoholism only,				1	1	2	...	...	3	2	2	4	1	1	1	3	1
Mental Stress,				4	7	11	1	0	2	3	1	4	1	3	4	7	...
Physical Stress,				2	1	3	...	...	2	1	0	1	1	1	...	...	2
Lesions of	{ Nervous System,			3	2	5	1	1	2	1	...	...	...	...	1	1	...
	{ Circulatory System, ...			1	6	7	1	2	0	1	0	2	0	2	0	2	...
	{ Gastro-intestinal System,			2	5	7	...	...	1	5	1	0	0	1	2	1	...
	{ Urinary System,			1	4	5	1	1	0	1	0	1	0	1	...	...	...
	{ Reproductive System, ...			0	6	6	...	...	0	5	0	1	0	1	0	1	0
Toxic	{ Alcoholism,			4	1	5	1	0	1	0	1	1	2	0	...	...	...
	{ Influenza,			1	2	3	...	...	1	1	0	1	1	0	1	0	...
	{ Middle Ear Disease, ...			1	0	1	...	...	1	0	...	...	1	0	1	0	...
	{ Exophthalmic-goitre, ...			0	1	1	0	1	...	...	...	...	...	...	...	...	...
Trauma,				1	0	1	...	...	1	0	...	...	...	...	...	...	...
Previous Attacks,				3	9	12	1	1	1	5	1	3	...	...	0	3	...

e Persons admitted during the Year 1908.

, 36.

Lesions.								Toxic.								Trauma.		Previous Attacks.	
Circulatory		Gastro-Intestinal.		Urinary.		Reproductive.		Alcohol.		Influenza.		Ear Disease.		Goitre.		M.	F.	M.	F.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
1	2	...	...	1	1	...	...	1	0	...	...	...	...	0	1	...	...	1	1
0	1	1	5	0	1	0	5	1	0	1	1	1	0	...	...	1	0	1	6
0	2	1	0	0	1	0	1	1	1	0	1	...	...	...	...	...	...	2	4
0	2	0	1	0	1	0	1	2	0	1	0	1	0	...	...	...	...	0	3
0	2	2	1	...	...	0	1	...	...	1	0	1	0	..	...	...	...	0	3
...	...	...	...	...	...	0	1	...	...	...	...	...	...	...	...	...	...	...	...
0	1	...	...	1	1	...	...	...	...	1	0	1	0	...	...	1	0	...	...
1	6	...	...	0	2	0	2	1	0	...	...	...	...	0	1	...	...	1	2
...	...	2	5	0	1	0	2	...	...	...	...	...	...	...	...	...	...	0	4
0	2	0	1	1	4	...	...	0	1	...	...	...	...	...	...	...	...	0	2
0	2	0	1	0	1	0	6	...	...	...	...	...	...	...	...	...	...	0	1
1	0	...	...	0	1	...	...	4	1	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	1	2	1	0	...	...	...	...	0	1
...	...	...	...	...	...	...	...	...	...	1	0	1	0	...	...	...	...	...	...
0	1	...	...	...	...	...	...	...	...	...	...	...	...	0	1	...	...	0	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0	...	...
1	2	0	4	0	2	0	1	1	1	0	1	...	...	0	1	...	...	3	9

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1908, and the Form of Mental Disorder of the Inmates, 31st December, 1908

Form of Mental Disease	Admissions			Recovered			Deaths			Remaining 31st Dec., 1908		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
CONGENITAL MENTAL DEFICIENCY,												
MANIA												
Recent, ...	6	3	9	2	0	2	0	1	1	2	1	3
Chronic, ...	1	2	3	1	0	1	0	1	1	1	5	6
Recurrent, ...	2	2	4	3	0	3	...	...	...	0	6	6
MELANCHOLIA												
Recent, ...	3	5	8	1	0	1	0	1	1	2	5	7
Chronic, ...	...	...	...	0	1	1	...	...	...	4	5	9
Recurrent, ...	0	2	2	...	...	...	...	...	...	2	3	5
CIRCULAR INSANITY,	0	1	1	...	...	...	...	...	...	1	1	2
DELUSIONAL INSANITY, ...	2	2	4	...	...	...	...	...	...	9	7	16
CONFUSIONAL INSANITY, ...	...	...	...	...	...	...	...	...	...	0	1	1
DEMENTIA, ...	3	3	6	...	...	...	1	0	1	38	29	67
Total, ...	17	20	37	7	1	8	1	3	4	63	64	127
EPILEPTICS, ...	2	1	3	...	...	...	...	...	...	6	5	11
GENERAL PARALYTICS, ...	...	...	...	...	...	...	...	...	...	2	0	2

TABLE 11

Showing Occupation of Patients admitted during the
Year 1908

MALES					FEMALES				
Student,	...	...	...	I	Gentlewomen,	...	...	7
Solicitor,	...	...	...	I	Housewives,	...	...	7
Clerk, ...	...	...	...	I	Housekeepers,	...	...	2
Engineer,	...	...	...	I	Art Student,	...	...	I
Retired Engineers,	...	...	...	2	Teacher, ...	...	...	I
Farmers,	...	...	...	2	No occupation,	...	...	2
Miller, ...	...	...	...	I				
Tobacconist, ...	...	...	...	I				
Stationer,	...	...	...	I				
Stationmaster, ...	...	...	...	I				
Licensed Grocer,	...	...	...	I				
Carter, ...	...	...	...	I				
Baker, ...	...	...	...	I				
No occupation,	...	...	...	I				
Total, ...				16	Total, ...				20

TABLE 12

Showing Bodily Condition of Admissions

						Male	Female	Total
Good Bodily Condition,						10	8	18
Fair ,, ,,						2	5	7
Bad ,, ,,						5	7	12
Total,						17	20	37

State of the Funds of Murray's Royal Asylum, Perth,

As at 31st March, 1909.

I. Asylum and Grounds, as formerly,	£40,000	0	0
II. Pitcullen House and Grounds,	5,500	0	0
III. New Villas, etc.,	4,500	0	0
IV. Asylum Farm, as formerly,	5,500	0	0
V. Furniture and Furnishings, Asylum and Pitcullen, ...	3,000	0	0
VI. Physician's House and Furniture, as formerly, ...	2,300	0	0
VII. Cottages for Attendants,	1,000	0	0
VIII. New Chapel—not included in funds,			
XI. House at Elie, "The Gables,"	1,200	0	0

Sum, £63,000 0 0

Deduct Borrowed Money, &c., as follows:—

Amount borrowed on Bonds, £8,800 0 0

Note.—£3500 borrowed and £600 paid off during year.

Balance due Union Bank, Current A/c., 1103 10 1

„ Sinking Fund, 7 10 0

9,911 0 1

Remains, £53,088 19 11

Add the following Balances:—

Board Arrears, to be recovered, ... £154 17 8

Patients' Outlays, do. ... 516 10 5

Balance due by Treasurers, ... 231 14 7

903 2 8

Amount of Funds, £53,992 2 7

N.B.—Amount of Funds at 31st March, 1908, was ... £52,151 2 5

Add as follows:—

Excess of Receipts for past year, p. within Account, £1,378 8 0

Debt Sinking Fund, included in year's Expenditure, 588 0 0

1,966 8 0

£54,117 10 5

Deduct—Sums written off Capital Account,

125 7 10

As above, £53,992 2 7

SUPERANNUATION FUND ACCOUNT, as at 31st March, 1909.

1. Capital Account.

The Fund consists of £44 Gt. Indian Peninsula Railway Co.

B Annuity—cost, £980 12 7

Balance in Bank on Deposit Receipt, 19 7 5

Amount of Legacy from David Mackinlay, Esq. of Cordon, £1,000 0 0

2. Revenue Account.

Sum in Bank on Deposit Receipt, 31st March, 1908, ... £179 7 2

Half-Year's Annuity, &c., at 30th June, 1908, ... £16 16 8

do. do. 31st December, 1908, ... 16 0 7

33 17 3

In Bank on Deposit Receipt, 31st March, 1909, ... £212 4 5

Murray's Royal Asylum.

REVENUE AND EXPENDITURE ACCOUNT

FOR YEAR ENDING 31st MARCH, 1909.

REVENUE.

I. Board of Patients, per Record Book, ...	£13,847	9	0
II. Carriage Receipts,	633	5	0
III. Farm Receipts,	924	10	10
IV. Garden Receipts,	368	10	11
V. Discounts on Tradesmen's Accounts, ...	36	15	11
VI. Bank Interest, &c., received,	17	6	10
VII. Rents of Attendants' Cottages,	26	8	0
Total Revenue, £15,854	6	6	

EXPENDITURE.

I. House Expenses—			
Provisions,	£4,781	10	5
Fuel,	681	15	1
Lighting,	247	2	10
Furnishings, Fittings, &c.,	561	16	1
Amusements and Petty Out-			
lays,	129	15	6
Sum of House Expenses, £6,401	19	11	
II. Salaries and Wages,	3,952	12	0
III. Repairs to Property,	932	4	0
IV. Rent, Taxes, and Insurance,	790	5	4
V. Stationery, Postages, and			
Advertising, &c.,	124	8	2
VI. Sinking Fund, and Interest,	818	9	11
VII. Legal Expenses and Sundries,	13	10	1
VIII. Carriage Account,	561	15	10
IX. Farm Payments,	640	13	5
X. Garden Account,	395	3	2
Total Expenditure,	14,631	1	10
Excess of Receipts,	£1,223	4	8
Add Receipts from Elie Account,	155	3	4
Total Excess of Receipts, £1,378	8	0	

FARM ACCOUNT.

Valuation of Stocking, 31st March, 1908, £358 3 6
 Stock purchased during year—

Donkey and Cart,	...	...	£4	10	0	
Cows,	...	...	203	2	6	
Cattle,	...	...	66	0	0	
Pigs,	...	...	35	12	6	
Poultry,	...	...	3	3	6	
						312 8 6

Wages, Feeding Stuffs, and Accounts,	...	...	319	5	8	
Taxes and Insurance,	...	...	8	19	3	
Rent (31½ acres at 30/-),	...	...	47	5	0	

£1,046 1 11

Sales of Produce—

Cows,	...	...	£143	15	3	
Cattle,	...	...	77	8	8	
Pigs,	...	...	212	0	8	
Poultry,	...	...	21	12	3	
Milk, at 9½d per gal.,	...	...	393	6	7	
Eggs,	...	...	25	12	5	
Potatoes,	...	...	22	18	0	
Turnips,	...	...	2	17	0	

£899 10 10

Rent of Fields,	...	...	25	0	0	
Carting for Asylum,	8	10	0	

£933 0 10

Valuation of Stocking at 31st March,

1909,	325	13	6	
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1,258 14 4

Balance in favour of Farm,	...					£212 12 5
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Incorporated by



Royal Charter.

JAMES MURRAY'S ROYAL ASYLUM, PERTH.

THIS Asylum and Pitcullen House are healthily situated amidst picturesque surroundings, on the Hill of Kinnoull, in the immediate vicinity of Perth. They stand in the midst of extensive Pleasure-Grounds, surrounded by the fields of the Home Farm, and command unrivalled views, extending over the valley of the Tay to the range of the Grampians. The central position of Perth makes it accessible from all parts of Scotland.

Being an Endowed Institution and a Chartered Corporation, under the management of a statutory Board of Directors who have no pecuniary interest in its prosperity, the profits on each year's transactions have been devoted to modernising and perfecting the original fabric of the Asylum, in order to render it an efficient Hospital, as well as a comfortable Home, for all classes of Private Patients.

An important modern supplement to the resources of the Institution is the erection of two wings for the reception of Acute Cases. These have been fitted with every improvement in the means of treatment of the Insane. Consumptive patients are separately treated in Sanatoria.

The Directors have purchased the beautifully situated Mansion-House of Pitcullen, in the neighbourhood of, but distinctly separated from, the Asylum. It is in use as a Convalescent Home and for Patients of the Higher Class suffering from the milder forms of mental disorder. "Seven Gables," Elie, was purchased for the use of the Patients in 1893, and Mount Tabor Cottage has been taken on lease for the accommodation of those requiring separate treatment. Two new Villas having been lately erected,

there are now vacancies for all classes of private patients. The various buildings of the Establishment at Perth are connected with the National Telephone Company.

The Distinctive Features of this Institution are, that it receives no Paupers ; that Ladies are employed as Nurses ; that it contains a limited number of Patients, permitting of Individualised Treatment ; and that it is developed as a Central Hospital for the treatment of acute and difficult cases, with Succursal Houses for those less seriously affected, thus permitting of the classification of patients according to their mental condition. Special attention is devoted to the occupation of the Patients ; there are ample means of Amusement ; and the utmost liberty, with due regard to safety, is accorded. Carriages are kept for the use of those Patients for whom such exercise is desirable.

No Publicity is implied in the proceedings connected with the admission of Patients, nor in the term "Royal Asylum."

The Directors have every confidence in referring the friends of those requiring treatment to the Reports of the Commissioners in Lunacy.

