

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

Contributors

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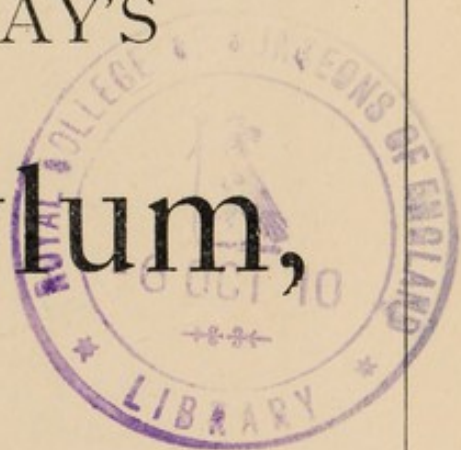
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THE
EIGHTY-THIRD
Annual Report
OF
JAMES MURRAY'S
Royal Asylum,
Perth.



PERTH:
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1910.



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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.

Duncan Macnab, Esq., Lord Provost of the City of Perth.

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

Thomas Forrest, Esq., First Bailie, Perth.

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

Hugh Mitchell, Esq., President of the Society of Solicitors, Pitlochry.

Rev. Walter E. Lee, Minister of East Church Parish, Perth.

Life Directors.

John Thomas, Esq., Solicitor, Perth.

Sir Robert Pullar, Perth.

Alexander Macduff, Esq. of Bonhard, Perth.

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

Annual Directors.

Atholl MacGregor, Esq., Ard Choille, Perth.

George Gray, Esq., Bowerswell, Perth.

Alexander P. Lyle, Esq. of Glendelvine, Murthly.

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

Colonel D. M. Smythe of Methven.

Albert Butter, Esq., Banker, Perth.

Thos. R. Moncrieff, Esq., Springland, Perth.

R. Wylie Hill, Esq. of Balthayock, Perth.

Lieut.-Col. E. R. Stewart Richardson of Ballathie, Murthly.

Alfred W. Cox, Esq. of Glendoick, Glencarse.

Robert Kinloch, Esq., W.S., Perth.

Captain John P. Grant of Kilgraston, Bridge of Earn.

Committee of Management.

The Earl of Mansfield.

Duncan Macnab, Esq.

John Thomas, Esq.

Sir Robert Pullar.

Alex. Macduff, Esq.

Atholl MacGregor, Esq.

Albert Butter, Esq.

Robert Kinloch, Esq.

Joint Secretaries and Treasurers.

Messrs. Condie, Mackenzie, & Co., W.S., Perth.

Auditors.

Messrs. J. & R. Morison & Co., C.A., 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 13th day of June, 1910.

At the Annual General Meeting of Directors of
the Asylum, held in terms of the Royal
Charter,—Sir Robert Pullar 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. James Coates moved—That the following be
elected as Annual Directors in room of those retiring,
viz. :—Lieut.-Col. E. R. Stewart Richardson of Ballathie,
Alfred W. Cox., Esq. of Glendoick, Robert Kinloch,
Esq., W.S., Perth, Captain John P. Grant of Kilgraston,
Mr. Kinloch being appointed a Member of Committee
in room of Mr. Steel. This motion, being seconded by
Sheriff Sym, was unanimously agreed to.

On the motion of Mr. Lyle of Glendelvine, The Earl
of Mansfield was unanimously 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 Bailie Forrest, and approved, that Messrs Condie, Mackenzie, & Co. 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, 13th
 June, 1910.

THE Committee have now the pleasure of submitting the Eighty-third 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, 1910. The total Revenue for the year was - £16,529 19 3 and the total Expenditure, - 15,388 3 8

showing a surplus of - £1141 15 7

The average income per patient was £121 10s 10d, and the expenditure £113 3s.

The sum received for Patients' Board was £14,185 7s 2d, being £337 18s 2d more than last year. The average income from Board from 1864 to 1909, inclusive, is £7595 17s 10d.

The patients on the registers at 1st April, 1910, together pay £14,694, being an average board rate of £108 16s 10d.

The ordinary minimum board rate is £48 per annum, but during the past year 31 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 £249 18s 1d. The quantity of milk supplied during the year was 10,166 gallons.

The Receipts for the Garden exceed the Payments by £25 3s 1d.

The Annual Directors who retire at this time are :—

W. H. COX, Esq. of Snaigow ;
 Major W. L. MERCER of Huntingtower ;
 ADAM STEEL, Esq. of Blackpark ;
 JAMES COATES, Esq., Balure, Perth.

The following names are suggested to fill the vacancies :—

Lieut.-Col. E. R. STEWART RICHARDSON of
 Ballathie ;
 ALFRED W. COX, Esq. of Glendoick ;
 ROBERT KINLOCH, Esq., W.S., Perth ;
 Captain JOHN P. GRANT of Kilgraston ;

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

REPORT of the PHYSICIAN SUPERINTENDENT
for the Year ending 31st March, 1910,
presented at the ANNUAL MEETING OF
DIRECTORS, 13th June, 1910.

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

General
Statistics.

On the 1st April, 1909, there were 142 persons
on the Registers of the Asylum.

Thirty-seven persons were admitted during
the year, of whom 13 were men and 24 were
women. Of these 1 man and 1 woman were
voluntary patients.

Thirty persons were discharged, 12 men and
and 18 women.

The number of deaths was fourteen, 5 men
and 9 women.

The total number of cases under treatment
was 179, and the average daily number on the
Registers 136.

On the 31st March, 1910, there remained
65 men and 70 women—total, 135—being a
decrease of 7 during the year.

At the close of the year 6 patients were
resident at Pitcullen, 2 at Mount Tabor Cottage,
and 11 at the Villas. Five were absent on pass.
There were 8 voluntary patients, 4 male and
4 female.

The average rate of admissions from 1865 till
1909 inclusive is 33·09 per annum. This year 37

Admissions.

names have been entered on the Registers of the Asylum, 6 fewer than in 1909. A preponderance of ladies is again noted.

Thirty-one patients were received for the first time; 2 returned relapsed, after having been discharged recovered; and 4 returned on recrudescence of mental disorder. Three patients were transferred from other Asylums, and 3 more had previously been in other Asylums. Of the 37 persons admitted no fewer than 28 were found subject to physical diseases more or less severe, and 2 died within a short time after reception. The average age on admission was 44.46 (compared with 39 in 1909), and 5 were over 60 years of age (compared with 3 in 1909). While the average age on admission was 44.46, the average age on the first attack of the mental disorder was 40, four having occurred in adolescence, besides two who were defective from birth.

Causes of
Insanity.

The causes of insanity as discovered on admission were ascertained more or less precisely in nearly every case. Twenty were hereditarily predisposed to mental derangement, while 5 belonged to families of neuropathic tendencies, and near relatives of 2 were markedly alcoholic. Heredity of a morbid nature was denied in reference to 8 cases, and in 2 information could not be gained. Six 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 they had succumbed. The causes presented no feature of unusual interest. As has been so frequently noted toxic conditions were found almost

invariably in acute cases, and the results of these conditions in chronic cases. The Blot on the Brain, if permanent, is analagous to the crippled arthritic joint which is the late result of a general and obstinate disease.

The number of curable patients admitted may be stated at 26, making allowance for possible improvement and temporary recoveries in certain doubtful cases, and of these 13 have left recovered, or are already convalescent. Eleven were indubitably in hopeless condition in this respect, owing to injuries, advanced degenerative diseases of vital organs, or congenital defects. No fewer than 8 had previous attacks of insanity, besides 4 of such a nature that periodicity of mental disorder had been established. Three were re-admitted for the first, 1 for the third, 1 for the fifth, and 1 for the seventh time. Curability

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, 2 men and 4 women were received within three months of the recurrence of the malady. These mainly constitute the curable cases.

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. Two patients were received consequent upon habitual drunkenness; but, as usual, other antecedent determining facts were ascertained relative to the occurrence of actual insanity in these, who are fewer in number this year. Physical Diseases.

Nine patients required constant supervision on account of suicidal tendencies, and 3 were reported as dangerous to others. One of these suicidal cases was brought here in a hopeless condition. Having been allowed to absent herself from the family, she drenched her hair with methylated spirit and set it alight. The consequent injuries were so severe that she survived only a few days.

Former
Residences.

Those admitted came from the following localities:—5 from Perth, 12 from the County of Perth, 2 from Edinburgh, 4 from Glasgow, 3 from Forfarshire, 4 from Fife, 6 from other parts of Scotland, and 1 from India. No application from the City or 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 three such applications from other parts of the United Kingdom could not be entertained. The admissions are fewer by 6 than last year's return, but our small numbers afford no certain indication of the national condition as regards mental diseases. The Commissioners in Lunacy report a slight increase of insane persons in proportion to population, from 365 to 366 per 100,000, relative to the years 1908 and 1909, which is the last available return. It is to be noted, however, that the proportion of private patients remains steady at 51, whereas four or five years ago it was 52. These figures do not lend themselves to alarmist statements.

Recovered.

The general Recovery Rate of the Asylum

during the years 1865-1909 inclusive is 34·15. This year it is 35·14 (compared with 20·93 last year) on the number of admissions : 61·53 for men and 20·83 for women. Altogether 13 patients left the Institution restored to health, besides 6 who, having been convalescent on discharge, have since recovered. Of these the average duration of residence was four and a half months. The shortest period was seven weeks, and the longest period one year. As usual, a general and satisfactory increase in body weight was noted among the recoveries. The Commissioners remark in their report for last year that the proportion of Recoveries in Scotland apparently tends to decrease, owing to the treatment of patients in observation wards in several large parishes rendering admission to the Asylums unnecessary, and specially owing to the reception of so many senile and incurable cases such as in former years were not sent to the Asylums. Thus the Recovery Rate is lessened and the Death Rate augmented, and the remarkable change in practice leaves evident traces on statistics. Medical treatment is now more effective and is directed immediately to obviate the necessity for admission to a special hospital, which yet must receive those for whom it can only be palliative. The energy with which the problems of insanity are being attacked results in returns which are not strictly comparable with those of a generation ago. These matters are by no means grounds for complaint ; but we require assurance that the early and most important medical treatment is appropriate to the individual case and that it is not unduly prolonged.

Unrecovered.

Of those persons (17) discharged unrecovered, 5 were transferred to other Asylums, 1 for the benefit of change and 4 having been unable to pay the minimum rate of board charged here. Seven were returned to family life with good results; 1 was sent to private care; 1 was removed against advice to home care with untoward results; and the subsequent history of 3 is as yet unknown.

Died.

The percentage of Deaths on the average number resident was 10.25, the average rate of the Institution being 6.15. It could not be expected that the exceptionally low rate of mortality reported in 1909 would continue, considering the heavy incidence of degenerative diseases and the advanced age of so many of our residents. The actual number of deaths was 14, as compared with 1 last year. Two died of general paralysis; 1 of exhaustion consequent on acute mania; 4 of influenzal pneumonia; 3 of long-continued disease of the heart; 1 of disease of the kidneys; 1 of disease of the gallbladder and adjacent structures; 1 of tubercular peritonitis; and 1 of burns as above mentioned. There have been fewer cases of general paralysis than of recent years, and deaths from exhaustion of acute mania are rare. There was no epidemic of influenza, but a few cases occurred from time to time, and those which proved fatal in summer and autumn had been exhausted by long-continued disease and the burden of years. The death from tubercular peritonitis requires some remark. The patient had been resident here for nearly 59 years, and was a man of exceptional strength and stature.

In the intervals of recurrent attacks of turbulent mania he did much useful work for the Institution, but during his later years he had been confined to bed owing to a dangerous hernia. There are still two cases of tuberculosis resident here—one male and one female—and that probably represents the minimum number. We are fortunate in being able to accommodate them in the Sanatoria. Eight of these fatal cases were admitted labouring under the maladies which inevitably terminated in death. Only one could be regarded as possibly curable in reference to mental condition. With six exceptions those deaths occurred among the recently admitted. Six of the deaths took place at more than 60 years of age; all, with the exception of one general paralytic, were elderly people. The average age at death was 60 years, and the average duration of residence was 9 years. Nine post-mortem examinations were made, one of which was referred to Dr. Ford Robertson for his report and opinion. The specialised aid thus obtained is of real importance, although the work of the Asylums Laboratory is now largely directed to conditions of life rather than pathological details.

The average daily numbers on the Registers during the year were:—Certified male patients, 64·18; female, 64·39; Voluntary male, 3·82; female, 3·63: Total, 136·02. This shows an increase of 2·0 compared with last year, and an increase of 35·40 over the average daily total since 1864, which is 100·60. The lowest number occurred in November 1909 (131), and the highest (143) in April 1909.

Average
Numbers on
Registers.

Resident.

The condition, as regards curability, of the patients remaining resident on 31st March was slightly more favourable than at the same date last year. Hope may be entertained for the recovery of 17 cases. Five were of suicidal tendencies, and 26 were dangerous to others. Eleven were epileptic, and 1 laboured under general paralysis. Twenty-one were more than 60 years of age, besides twenty-two who have passed 70, together practically one-third of the whole number resident. 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. Specially, there is no previous record of so many epileptic patients simultaneously in residence. The few (4) who suffer from ordinary fits represent our average, but we have to add seven occasioned by degenerative changes in the nervous system occurring late in life.

Treatment.

The principles of treatment remain generally unchanged. Certain new drugs have been found of definite value, such as Helmitol. Good results were obtained in several cases which will be described elsewhere. The advantage of a pure supply of milk from the farm has been repeatedly recognised, and it has been found that the introduction of lactic acid bacilli has been of service in the treatment of many cases of disorder of the alimentary system, which is the usual complication of mental affections, especially those of an acute type. Another advance has been made on the same principle. Instead of requesting the services of the dental surgeon in special cases, we have

now the advantage of Mr. Stewart's visits at stated intervals, so that a constant check is maintained on the condition of patients' teeth. It is recognised that a septic condition of the mouth has far-reaching effects in poisoning the system, irrespective of local disability and unnecessary suffering. It has long been observed that complaints of toothache are ominous of the advent of a recurring attack of insanity, and more lately it has become evident that decay of teeth is of greater general importance than was formerly apprehended.

The occupation of patients has been maintained Occupations. as formerly. The average of the daily returns may be stated at the satisfactory number of 75. When the weather permitted, the work of completing the access to the villas and replacing the defective curling-pond has progressed, and they should be ready for use before next winter. Besides the usual work on gardens and farm, there has been considerable labour in connection with the Gannochy Road, which is now approaching completion.

Amusements and recreations have been well Amusements. maintained, and are fully chronicled in *Excelsior*. Acknowledgment of kind aid is due to the Musical Association, Mr. Bryson, Mr. Lawson, and Mr. Taylor in respect of concerts, as well as to the Fechny Band. We are also indebted to Mr. Graves and Mr. Brough and their operatic companies, who presented *Les Cloches de Corneville* and *Billee Taylor*; to Mr. Gray and Captain Murray, who organised plays, including *The Second in Command*; to Mr. Shiach and Mr.

Wright, who gave lantern lectures. These were additional to the productions of native talent which so often cheered the winter evenings and maintained standard entertainments which old customs demand. Many years ago, before the District Asylum was built at Murthly, fancy dress balls were repeatedly given; but a long period has passed without a festivity of the kind, until we ventured on a masked ball in spring. Perhaps it may have been a new departure in Asylum life, but it was so successful that the undertaking might well be repeated. It may be of interest to append a list of these recreations as they occurred during the past year.

There were 380 driving parties, and 573 visits were paid to patients. The number of visits has greatly increased. Last year they were stated at 558. We were fortunate in having reconstructed the central part of the main building to provide for this great increase of visitors, although, even yet, Saturdays tax our resources somewhat unduly.

Thirty-one patients were at Elie, Seven Gables having been kept open from 26th April till 25th September.

Restraint.

There were no entries in the Register of 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 39. A gentleman who had gone to Dundee for the day absented himself for the night also, and another went in search of a friend without leave.

The General Health of the establishment General Health. has been satisfactory, and the body weight of the patients has been generally well maintained, as ascertained by periodical examinations of the records. There was no epidemic disease. A few scattered cases of influenza occurred principally in the summer months.

There were comparatively few slight injuries Accidents. among turbulent and feeble cases, and one old gentleman slipped from his bed to the floor and sustained a fracture of the thigh bone. The record of the year is happily devoid of more serious accidents and probably represents a minimum.

In regard to the General Management of the General Management. Asylum there has been little of special interest during the past year. The reconstruction of the Institution has been practically completed and there has been no demand for increased accommodation. Minor repairs are constantly required and keep the Staff fully employed. These may be summarised as follows:—The Male Hospital has been cleaned and decorated. The carpets have been replaced by inlaid linoleum, in the belief that this will be more easily kept in a sanitary condition; it has the disadvantage of being less silent and less comfortable in appearance, but the Staff express satisfaction with the change.

A good deal of time was spent in repairing and painting the roof lights, and much painting and papering was done in various parts of the Establishment. Indeed, there is so much of this kind of work that it proceeds from year to year,

just as the Forth Bridge is maintained by constant attention.

The excessive frost severely taxed the pipes throughout the various parts of the Institution, but repairs were comparatively few and were readily effected.

Having been so continuously required in Perth, we could not overtake an overhaul of the paint and whitewash at the Elie house, and this was done by contract.

The weather prevented progress with the Pavilion at Pitcullen for months in the course of winter, but the work is now approaching completion.

The water-supply of Pitcullen has caused much trouble and expense. The pipes gave way from time to time under the greater pressure of the new Reservoir, and it will probably be necessary to renew such part of the system as has not already been dealt with.

Garden.

The Gardener reports less favourably than usual. Vegetables were a failure in spring, owing to the sunless weather failing to mature them and the early frosts of autumn. Savoys, greens, broccoli, and spinach were destroyed, only leeks withstood the severity of the winter. Even parsley disappeared, probably owing to some disease. Brussels sprouts, artichokes, beetroot, and celery were fairly good.

Although the vegetables suffered so severely, the Gardener notes that shrubs such as those which were destroyed by the great cold of 1895 were not quite so much affected last winter. The fruit crop generally was good both in the open and under glass.

The Farm Stock was healthy throughout the ^{Farm.} year, the only loss having been one young pig. The cattle on the fields showed a margin of profit. Prices generally have been high. The hay crop was well secured and will suffice, with a stack to spare. Potatoes and turnips gave a good crop in the north field, which is now laid down in permanent pasture. The field formerly occupied by Mr. Dickson has now been drained and deep ploughed and has been cropped with potatoes, mashley, and savoys. The meadow will be broken up next year.

The changes in the Staff have been numerous ^{The Staff.} among the Junior Nurses. The resignations (13) are represented exclusively by those occurring in the lower grades of the service. One nurse resigned to enter on private nursing, 4 on the plea of being required at home, 2 were found unsuitable, 1 left to emigrate to Canada, 3 for the mere sake of change, 1 absconded, and 1 left consequent on gross carelessness in the performance of her duties. On the other hand only one attendant resigned for family reasons which were imperative. Miss de Cox resigned the post of Night Superintendent in consequence of ill-health, and has been succeeded by Miss Isabella Fraser.

Under the former rules of the Medico-Psychological Association 67 members of the Nursing Staff here passed the Examinations and gained the Certificate (1891-1909). The period of training has now been extended to three years and two examinations must be passed. Probably this systematic method of professional education will

be soon dealt with by legal enactments, and all trained nurses will be registered by a Central Council, elected and maintained in much the same way as the General Medical Council. The status of nurses will thereby be settled and protected by law, in the various departments of medical and surgical work in which they have served and qualified. Dr. Alcock and his predecessors have given much time and laborious attention to the education of the attendants and nurses throughout these years, and the last two names added are Nurse M. S. Roberts and Nurse I. C. Macpherson. Dr. Bruce kindly acted as assessor. The questions set for the written examination on the last occasion are printed as an appendix to this report.

Pensions.

Parliament has decided that those employed in Asylums should have assured pensions on a contributory basis, and Scotland is included in this enactment. Royal and Private Asylums remain outside the scope of this Act which has been so long delayed to the detriment of the service. It was also found essential to move for the exclusion of Royal Asylums from certain provisions of the Finance Act in the last session of the House of Commons.

Lunacy
Legislation.

The Commissioners in Lunacy, in their Report of last year, refer to the necessity for amendment of defects in the Scottish Lunacy Acts, and make suggestions with that in view. It is to be hoped that these will be carefully considered by Parliament in the near future. The mass of authoritative information which has been selected and

presented by various Commissions relates to the Poor Law, to Inebriates, to the Feeble-minded, to Vagrants, and there is a strong feeling in the country that these matters require a thorough and final adjustment in Law.

The Reports of the Visiting Commissioners in Lunacy are presented herewith, and the Reports of Visiting Members of the Committee have been read for the information of the Directors.

The
Commissioners.

Dr. A. Morison, of London, lately found certain references to this Asylum in a diary kept by his grandfather, Sir Alexander Morison, in the early years of last century. Sir Alexander Morison was a physician who wrote various notable books on Insanity, and founded the Lectureship on Insanity in the Royal College of Physicians, Edinburgh. He also endowed the Morison Medal for meritorious attendance on the Insane, which has been gained by six members of our Staff. It would appear that he visited Perth in 1826, and having proceeded by steamer from Dundee, called on Mr. David Beatson in Rose Terrace. Mr. Beatson was sole surviving Trustee of our Founder, and the Asylum was at that time still in process of erection. Mr. Beatson informed Sir Alexander Morison that Mr. James Murray died at the early age of 26, and repeated the familiar story of his unexpected inheritance. On the 21st September they visited the buildings, which were then designed for the accommodation of 60 patients, and stood on the original small holding of 10 Scots acres. The appreciative comments consequent upon this early visit of a

James Murray.

distinguished physician are of interest. He specially notes that a Chapel was provided.

Chapel.

Our new Chapel replaces the old one more worthily, and it is reported that the care and attention which the Chaplain maintains in the duties of his office at all times meets with the appreciation of patients and staff. In the endeavour to arouse and continue a real and active interest in the services, more is expected of the congregation and the act of worship is more responsive in its nature. With the assistance of the choir it is believed that a more lively interest is awakened and a more satisfactory result is obtained.

Obituary.

By the premature death of Mr. Macduff Duncan the Asylum has been deprived of the services of the son of one of our most notable Directors in the middle years of its existence; and by the death of Mr. John Dickson, W.S., we have lost an official of long experience, whose interest in the work of the Institution was maintained throughout the many changes which inevitably occurred in the course of its history. His connection with the business life of Perth began in 1848, and he was the senior member of the Society of Writers to the Signet at the time of his decease. His shrewd judgment and kindly attention to our concerns, small and great, remain fixed in memory.

Conclusion.

Although the year has been uneventful, and the work has been largely of a routine character, the Staff have maintained an active and efficient

performance of their duties in no mere official spirit. We are all convinced of the beneficence of the Directors in their administration of the Asylum, whom I thank once more for many words of encouragement and unfailing help.

A. R. URQUHART.



TABLE

Showing Changes in the Population of the Asylum during the Year ending 31st March, 1910.

					Certificated		Voluntary.		TOTAL.	
					M.	F.	M.	F.		
1st April, 1909.	{	Resident in the Asylum, ... ..	...	...	...	59	56	5	3	123
		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
		Total number on Asylum Books, ... ..	...	...	...	64	68	5	5	142
					Certificated		Voluntary.		TOTAL.	
					M.	F.	M.	F.		
Cases Admitted—										
		First Admissions, ... ..	...	...	...	9	20	1	1	31
		Not First Admissions, ... ..	...	...	...	3	3	0	0	6
Total Cases admitted during the year, ... ..					...	12	23	1	1	37
Total Cases under care during the year, ... ..					...	76	91	6	6	179
					Certificated		Voluntary.		TOTAL.	
					M.	F.	M.	F.		
Cases discharged and died—										
		Recovered, ... ..	...	...	...	7	4	1	1	13
		Relieved, ... ..	...	...	...	3	10	1	1	15
		Not Improved, ... ..	...	...	...	0	2	0	0	2
		Died, ... ..	...	...	...	5	9	0	0	14
Total Cases Discharged and Died during the year, ... ..					...	15	25	2	2	44
31st March, 1910.	{	Total number on Asylum Books, ... ..	...	...	...	61	66	4	4	135
		Remaining on Pass, ... ..	...	...	...	3	2	0	0	5
		Remaining at the Villas, ... ..	...	...	...	5	4	0	2	11
		Remaining at Pitcullen, ... ..	...	...	...	0	6	0	0	6
		Remaining at Mount Tabor, ... ..	...	...	...	0	2	0	0	2
		Resident in the Asylum, ... ..	...	...	...	53	52	4	2	111

Officers, 6; Housekeepers, 2; Attendants, 22; Nurses, 24; Artisans, 22; Servants, 20.

					Certificated.		Voluntary.		TOTAL.
					M.	F.	M.	F.	
Average numbers on Books during the year,					64.18	64.39	3.82	3.63	136.02
Lowest number resident, November, 1909,					63	62	3	3	131
Highest number resident, April, 1909,					66	67	5	5	143
Persons under care during the year,					76	90	6	6	178
Persons admitted during the year,					12	23	1	1	37
Persons discharged recovered during the year,					7	4	1	1	13
Transferred from other Asylums,					1	2	0	0	3
Transferred to other Asylums,					3	2	0	0	5
Percentage of Recoveries on Admissions,					58.33	17.39	100	100	35.14
Percentage of Deaths on average numbers resident,					7.35	13.03			10.25

Names of (18) Attendants and (49) Nurses who have gained the Certificate of the Medico-Psychological Association—

1891	JAMES SMITH. ⁷ ROBERT KNIGHT. ¹ WM. D. PENNYCOOK. ¹⁰ ISABELLA SCOTT. ¹ ALICE MARY JAMIESON. ⁶	1901	ELLEN BAXTER. ⁴ CLARA J. L. JOHNSTONE. ² CHRISTINA FORD. ⁶ JOHN CAMERON. ⁶ DONALD MACLEISH. ¹
1894	JOHN BROWN. ⁶ HELEN CRAIG. ³ JEAN ANNE GLEGG. ²	1902	MARGARET SUTHERLAND. ⁵ ELIZA CORLETT. ¹⁰ JAMES F. STALKER. ⁶ GRACE W. GUTHRIE. ² CECILIA MOLUMBY. ⁶
1896	ANNE LOW. ³ JANE E. GOULBOURN. ³ BARBARA PIRIE. ⁹ NELLIE G. SMITH. ⁶ ANNIE M. URQUHART. ⁶	1903	WILLIAM TASKER. ¹ ALEXANDER CAMERON. ² JESSIE MORISON. ⁴
1897	ANNE DARLINGTON. ³ BARBARA CRUICKSHANK. ³ HARRIET TAYLOR. ⁵	1904	MARGARET J. FORSTER. ² ALICE LEYS. ⁶ ISABELLA M. LUMSDAINE. ² BESSIE MURDOCH. ⁴ ANNIE THOMSON. ¹
1898	JAMES CAIRNS. ²	1905	ELIZABETH PIRIE. ⁴ SUSAN NIMMO. ⁴ MARGARET BUCHANAN. ⁴ MARGARET DOIG. ² MARY BLANCHE. ² LILY CLEMENT. ⁴
1899	DAVID DUNCAN. ⁸ JOHN M'LAGAN. ¹ ALEXR. W. THORNELY. ¹ CAROLINE FLETCHER. ⁴ CHRISTIAN B. LUMSDEN. ⁴ MARY MORISON. ² LOUISA CHAMBERS. ⁴	1906	MADGE MACDONALD. ¹ ISABELLA RUTHERFORD. ² JAMES SHORT. ¹²
1899	MARY MACKINTOSH. ⁴ NELLIE ROBERTSON. ⁸	1907	WILLIAM FORBES. ¹ ROBERT J. PATTON. ² JOHN ROBERTSON. ² GRACE SANGSTER. ²
1900	HELEN J. PATILLO. ⁴ MARGARET CHAMBERS. ² JANE GUTHRIE. ⁶ ANNE COUTTS. ² MARGARET A. KELLAS. ⁴	1909	MARY STANLEY ROBERTS. ² IDA C. MACPHERSON. ¹
1900	ALEXANDER KETHEL. ²		
1901	JESSIE H. HUNTER. ² ISABELLA SKEEN. ⁴		

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.

MEDICO-PSYCHOLOGICAL ASSOCIATION OF GREAT BRITAIN
AND IRELAND.

EXAMINATION FOR NURSING CERTIFICATE,
MAY, 1910.

- 1.—State the position, size and shape of the stomach. What are the symptoms of disorder of the stomach?
- 2.—In what circumstances would you consider the loss of a stone in weight (a) important, (b) unimportant, as a sign of disease?
- 3.—State the rules for bathing insane patients.
- 4.—What is the fibula? With what bones is it connected? Describe the joints so formed.
- 5.—What are the principal differences in structure between arteries and veins? What emergency treatment would you adopt in the case of severe venous bleeding arising from (a) ruptured varicose vein in the leg, (b) wound in the neck?
- 6.—Give the reasons for refusal of food by the insane.
- 7.—What bodily changes are frequently observed in severe cases of melancholia?
- 8.—Describe the thorax and mention its contents, describing generally the position of the different organs with respect to one another.
- 9.—Mention the different forms of insanity, and describe fully any case you have yourself observed.
- 10.—What precautions would you take when in charge of a patient who was being transferred from one Asylum to another?

Note of Entertainments for the Year.

WEEKLY DANCE—Tuesday. WEEKLY CARD-PARTY—Friday.

TEA PARTIES and PICNICS frequently.

CHRISTMAS TREE and CHRISTMAS DINNER.

ARTISANS' DINNER on New Year's Day.

DINNER AT PITCULLEN on New Year's Day.

CRICKET and FOOTBALL MATCHES in Season on Saturdays.

TENNIS, CROQUET, and GOLF.

- | | | | |
|-------|----|---|---|
| April | 8 | - | Mr. Lawson's Scottish Orchestra. |
| „ | 14 | - | Mr. Taylor's Cantata. |
| „ | 28 | - | Mr. Gray's Dramatic Entertainment. |
| May | 21 | - | Captain Murray's Play, <i>The Second in Command</i> . |
| „ | 28 | - | Mr. M'Nally's Dulcimer Entertainment. |
| June | 15 | - | Punch and Judy. |
| Sept. | 3 | - | The Fechney Band. |
| Nov. | 6 | - | Mr. Graves' Opera, <i>Les Cloches de Corneville</i> . |
| „ | 9 | - | Madame Bertha Moore's Song Recital. |
| Dec. | 3 | - | Mr. Shiach's Lantern Lecture on Majorca. |
| „ | 8 | - | Mr. Wright's Lantern Lecture on Old Perth. |
| „ | 17 | - | Mr. Wingate Kirk's Conjuring Entertainment. |
| Feb. | 4 | - | Mr. P.'s Lantern Lecture on The Thames Valley. |
| „ | 17 | - | London Bioscope Company. |
| „ | 18 | - | Masked Ball. |
| „ | 22 | - | Mr. Bryson's Concert. |
| „ | 26 | - | Mr. Brough's Opera, <i>Billee Taylor</i> . |
| March | 9 | - | Perth Scottish Musical Association's Concert. |
| „ | 23 | - | Hartley & Paul's Dramatic Entertainment. |

REPORTS
OF THE
COMMISSIONERS IN LUNACY
FOR THE YEAR.

REPORT BY DR. JOHN MACPHERSON.

JAMES MURRAY'S ROYAL ASYLUM,
Perth, 10th November, 1909.

THERE are 132 patients on the Register of the Asylum at this date. Of these 63 gentlemen and 63 ladies are certificated patients, and 3 gentlemen and 3 ladies are voluntary inmates.

Since the 14th April last, the date of the previous visit, 18 patients have been admitted; 12 have been discharged recovered (including 4 voluntary inmates who left); 8 have been discharged unrecovered; and 8 have died.

With the exception of 1 gentleman who was absent on statutory probation and 3 gentlemen who are at the seaside house at Elie, all the patients were resident and were seen during the visit.

The general condition of the patients was entirely satisfactory. Fourteen were confined to bed—4 for the treatment of mental symptoms, 4 for the treatment of bodily illness, and 6 because of infirmity. In addition to these, all those

inmates who for any reason require special observation or nursing were located in the admirable hospital wards, where every attention calculated to promote their comfort or recovery is freely given. Between 80 and 90 of the patients are induced to engage in more or less useful work.

The Institution was in very good order, and the various structural and mechanical details which have during recent years been introduced and perfected with the object of increasing its efficiency and comfort are manifesting their beneficial effect. The living-rooms are bright and cheerful, well ventilated, well lighted, and well heated; while the structural rearrangements of various kinds are proving useful and adaptable to the special requirements of the Asylum.

Throughout the visit it was gratifying to observe a general air of contentment among the patients, none of whom were either excited, or, with one or two exceptions, unduly pressing for release.

The deaths are registered as due to pneumonia, following influenza, in 2 cases, and to each of the following causes in 1 case, namely, general paralysis, chronic Bright's disease, exhaustion from acute mania, burns on the body sustained prior to admission, fatty degeneration of the heart, and chronic bronchitis. *Post-mortem* examinations were made in five instances.

Three accidents are recorded, namely, a fracture of the femur in an old man caused by falling, a scald of the body due to the carelessness of a nurse in applying a remedy, and a cut of the right eye.

There has been no recourse to restraint or

seclusion since last visit. One patient escaped and was absent for at least one night before being brought back.

The case books are kept in a very creditable manner, and all necessary information regarding the condition of the patients was readily obtained by reference to them.

The official registers were examined and found correct.

JOHN MACPHERSON,

Commissioner in Lunacy.

REPORT BY DR. JOHN FRASER.

JAMES MURRAY'S ROYAL ASYLUM,
Perth, 6th May, 1910.

THERE are 128 patients on the registers of the Asylum at this date—57 gentlemen and 63 ladies being under certificates, and 4 gentlemen and 4 ladies being voluntary boarders. One lady, under certificates, was absent on pass, and 5 gentlemen were resident at the marine villa at Elie. With these exceptions, all the patients were seen and afforded an opportunity of making any statement desired, of which a few availed themselves.

Since the previous visit, on 10th November, 1909, the changes among the certified patients have been as follows:—4 gentlemen and 9 ladies have been admitted, 5 gentlemen and 2 ladies have been discharged recovered, 2 gentlemen and

4 ladies have been removed unrecovered, and 3 gentlemen and 3 ladies have died. One gentleman and 1 lady have been admitted as voluntary boarders.

The deaths are registered as due to senile decay, tubercular peritonitis, influenza, heart disease, suppurative cholecystitis, and general paralysis, each in 1 case. The ages at death were as follows:—2 were over 80, 1 over 70, 2 over 60, and 1 at 48. A *post-mortem* examination was made in every case except one, and the records of these examinations are admirably kept.

Since last visit no patient is recorded as having been mechanically restrained or secluded. There have been no accidents, and no patient has escaped. This freedom from all casualties and unfortunate incidents is a testimony favourable to the care of the patients and the management of the Institution.

The changes in the staff have not been numerous, 6 nurses and only 1 attendant have resigned, and a like number have been engaged in their stead. Regular tuition by means of lectures and demonstrations is given to the staff during the winter months. Since 1891, 18 attendants and 49 nurses have obtained the certificate for proficiency in mental nursing, and of the present staff 6 attendants and 5 nurses possess this certificate. One attendant and 5 nurses went forward to the last examination. The staff is maintained at a high numerical strength, the ratio being about 1 to every 3 patients. The Asylum continues to be managed by Dr. Urquhart with untiring zeal and great ability. Each patient is provided for according

to his or her mental condition and social requirements. The great care exercised in the investigation of the bodily and mental condition of the patients, the high standard of medical treatment, the liberal manner in which individual requirements are met, and the general contentment which prevails are features which during a visit to this Asylum never fail to attract favourable attention.

The general health of the patients is good. Nine were confined to bed, 2 on account of mental symptoms, 4 from bodily illness, and 3 on account of the infirmities of old age. The hospital sections are replete with every comfort, and the nursing arrangements are of a very efficient character.

From a return furnished, it is noticed that 10 patients have the privilege of parole beyond and 29 within the grounds. This large amount of liberty conduces to contentment and physical wellbeing. Forty-six gentlemen and 38 ladies are daily engaged in useful work suited to their capabilities. Fifty-one of the patients attend Divine Service every Sunday, and the same number are present at associated entertainments, which are liberally provided. There were during the past year 380 driving parties.

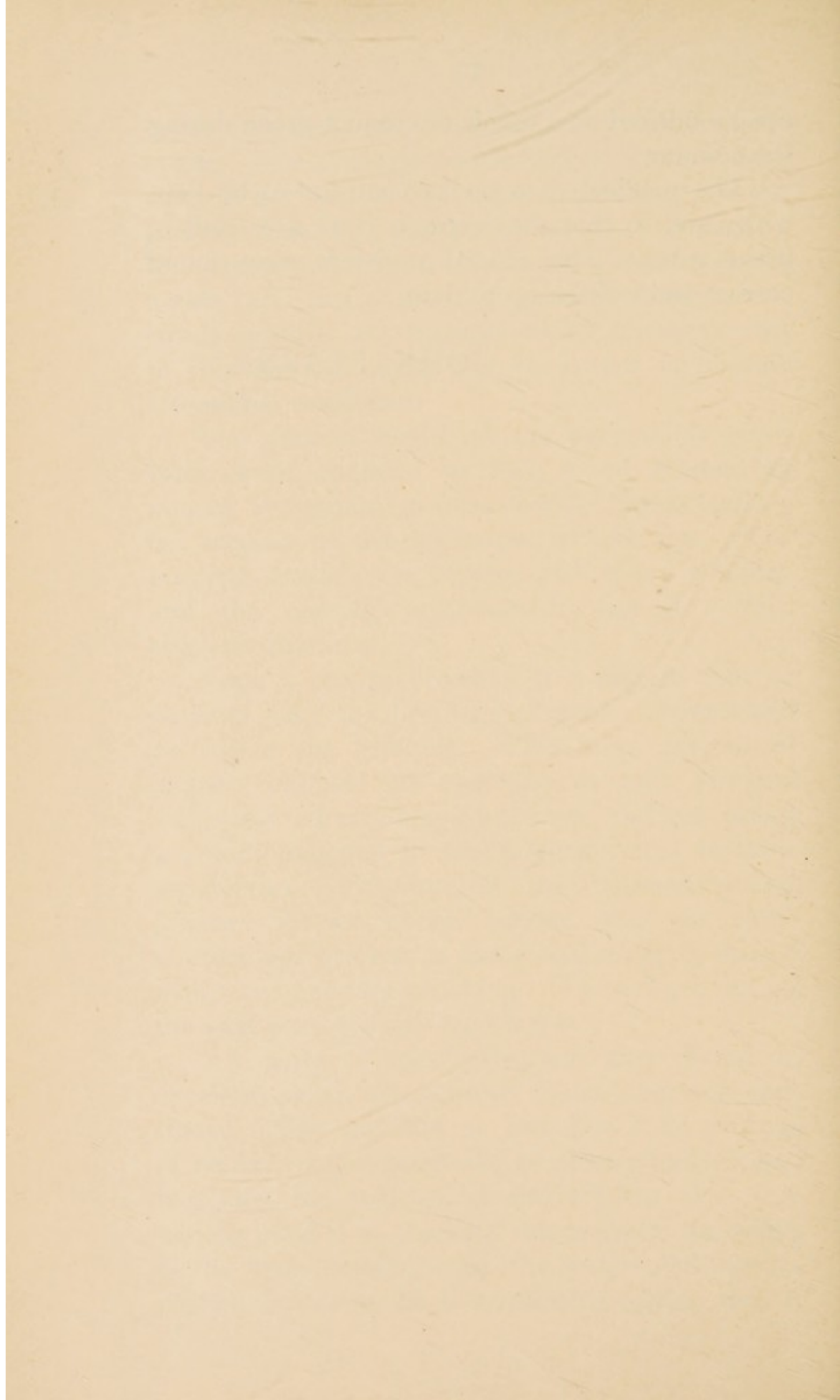
All parts of the Institution were found in excellent order, scrupulously clean, and well ventilated. The pavilion at Pitcullen is in process of reconstruction internally so as to afford accommodation for patients of the affluent class. A curling pond is in course of formation to the south of the main building, and it is understood that its cement base is to be covered with turf so that it

can be utilised as a tennis or croquet green during the summer.

The medical case books continue to be kept with care, so that they contain clinical records of great value. The official registers were found correct and written up to date.

JOHN FRASER.

Commissioner in Lunacy.



1909.

STATISTICAL TABLES.

PREPARED BY DR. G. F. OLDERSHAW.

(These Tables do not include Voluntary Patients).

TABLE 1

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year ending 31st December, 1909

	M.	F.	T.	M.	F.	T.
In the Asylum, 1st January, 1909, ...				63	64	127
Cases Admitted—						
First Admissions,	10	23	33			
Not First Admissions,	4	3	7			
Total Cases Admitted,				14	26	40
Total Cases under care during the year,				77	90	167
Cases Discharged and Died—						
Recovered,	6	4	10			
Relieved,	4	11	15			
Not Improved,	0	2	2			
Died,	3	7	10			
Total Cases Discharged and Died, ...				13	24	37
Remaining in the Asylum, 31st December, 1909,				64	66	130
Average resident during the year,				64·39	64·57	128·96
Persons* under care during the year, †				77	89	166
Persons admitted ,,				14	25	39
Persons recovered ,,				6	4	10
Transferred ‡ to this Asylum,				1	2	3
Transferred from this Asylum,				2	2	4

* 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 1909, 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,	3	6	9
„ Two Attacks,	1	0	1
„ 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,	2	1	3	1	2	3
Twice, ... ..	...	...	...	1	0	1
Thrice or more,	1	0	1	...	...	...

TABLE 2

Showing the Admissions, Re-admissions, Discharges, and Deaths for the Forty-five Years from the 1st of January, 1865, to the 31st December, 1909

	M.	F.	T.	M.	F.	T.
Number resident, January 1st, 1865,				37	34	71
Persons Admitted during the period of 45 years,	565	562	1127			
Re-admissions,	113	125	238			
Total Cases Admitted,				678	687	1365
Total Cases under care during the 45 years, ...				715	721	1436
Cases Discharged and Died—						
Recovered,	211	232	443			
Relieved,	201	207	408			
Not Improved,	94	95	189			
Died,	145	121	266			
Total Cases Discharged and Died,				651	655	1306
Remaining 31st December, 1909,				64	66	130
				M.	F.	T.
Average resident during the 45 years,				49·91	46·07	95·82
Transferred to this Asylum,				87	76	163
Transferred from this Asylum,				141	113	254

TABLE 2a

Showing the Admissions and Recoveries of Persons* from 1st January, 1865, to 31st December, 1909 (a period of Forty-five 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 45 years,	565	562	1127	511	522	1033
Of whom were Discharged Recovered during } the same period, being 32·65 per cent. of } Persons Admitted,	180	188	368	170 (per	180 cent.	350 33·89)
Of whom were Re-admitted Relapsed,† ...	45	53	98	40	50	90
Leaving Recovered Persons who have not } Relapsed,	135	135	270	130	130	260
Relapsed Persons Discharged Recovered,‡ ...	31	30	61	31	29	60
Net Recovered Persons, § being 29·37 per cent. } of Persons Admitted,	166	164	330	161 (per	159 cent.	320 30·98)

* 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				Tot.	DISCHARGED									Died		
	First Time		Not First Time			Recovered			Relieved			Not Improved			M.	F.	T.
	M.	F.	M.	F.		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	276
1865	9	9	4	0	22	4	3	7	5	2	7	2	7	9	1	0	1
1866	11	3	1	3	18	4	6	10	5	4	9	2	1	3	2	2	4
1867	12	6	3	1	22	3	3	6	5	2	7	0	0	0	5	1	6
1868	10	11	2	3	26	4	3	7	2	0	2	1	2	3	1	3	4
1869	19	15	3	3	40	4	4	8	7	2	9	2	2	4	3	0	3
1870	7	12	3	5	27	5	4	9	2	3	5	4	7	11	2	4	6
1871	8	22	1	3	34	3	6	9	4	6	10	4	4	8	2	6	8
1872	12	7	1	2	22	4	4	8	2	1	3	3	4	7	1	2	3
1873	5	7	3	2	17	3	3	6	2	3	5	5	5	10	2	2	4
1874	5	9	1	4	19	3	2	5	3	6	9	2	2	4	2	3	5
1875	3	7	2	1	13	2	3	5	1	2	3	1	0	1	4	3	7
1876	10	5	0	2	17	2	5	7	0	1	1	0	3	3	3	3	6
1877	7	6	1	0	14	2	0	2	5	3	8	5	1	6	0	0	0
1878	2	6	0	1	9	1	6	7	1	2	3	2	2	4	1	0	1
1879	9	9	0	1	19	2	2	4	0	1	1	1	0	1	2	2	4
1880	9	15	1	1	26	2	6	8	2	1	3	0	0	0	4	1	5
1881	9	5	1	2	17	5	5	10	2	7	9	1	0	1	3	1	4
1882	6	9	0	1	16	1	0	1	3	4	7	2	3	5	4	1	5
1883	20	11	1	3	35	6	8	14	2	2	4	2	3	5	2	2	4
1884	9	14	2	4	29	3	5	8	4	3	7	3	1	4	2	5	7
1885	12	11	2	5	30	2	4	6	5	6	11	1	4	5	2	1	3
1886	17	13	2	2	34	9	5	14	9	6	15	3	1	4	1	1	2
1887	14	22	4	6	46	7	11	18	3	10	13	0	4	4	2	1	3
1888	12	11	5	8	36	5	7	12	6	7	13	0	2	2	1	2	3
1889	12	10	0	2	24	3	7	10	6	9	15	0	0	0	6	2	8
1890	13	15	3	4	35	2	6	8	7	2	9	3	0	3	4	3	7
1891	13	14	3	4	34	6	8	14	7	4	11	1	1	2	6	5	11
1892	13	13	5	1	32	2	7	9	3	4	7	4	1	5	4	5	9
1893	18	11	2	3	34	12	7	19	6	4	10	1	0	1	3	3	6
1894	17	9	4	5	35	7	5	12	3	5	8	2	0	2	7	2	9
1895	15	12	4	8	39	6	8	14	5	7	12	1	2	3	2	1	3
1896	15	16	8	1	40	10	6	16	6	7	13	3	3	6	3	3	6
1897	22	17	0	1	40	9	10	19	3	3	6	1	2	3	4	3	7
1898	20	16	2	3	41	4	7	11	11	4	15	1	0	1	5	2	7
1899	23	10	6	0	39	5	3	8	9	6	15	1	2	3	7	3	10
1900	17	15	4	3	39	7	1	8	8	2	10	3	1	4	6	4	10
1901	16	18	2	2	38	8	9	17	4	6	10	2	4	6	2	3	5
1902	20	22	3	4	49	4	3	7	9	11	20	4	6	10	5	4	9
1903	14	17	6	0	37	7	9	16	4	4	8	2	2	4	2	7	9
1904	19	15	0	6	40	2	3	5	10	4	14	5	1	6	8	4	12
1905	10	16	5	4	35	8	11	19	0	8	8	4	4	8	2	5	7
1906	13	16	2	3	34	4	7	11	3	9	12	4	3	7	7	2	9
1907	14	14	4	3	35	6	5	11	7	7	14	1	0	1	6	4	10
1908	14	18	3	2	37	7	1	8	6	6	12	5	3	8	1	3	4
1909	10	23	4	3	40	6	4	10	4	11	15	0	2	2	3	7	10
Tot. for 45 Years	565	562	113	125	1365	217	232	443	201	207	408	94	95	189	145	121	266
General Totals,	1190	1163	210	270	2833	473	593	1066	298	321	619	252	224	476	313	229	542

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

Remaining 31st December in each year			Average Number Resident			Percentage of Recoveries on Admissions			Percentage of Deaths on Average Number Resident.		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
37	34	71	73'13	62'30	135'4	36'28	48'39	42'43	5'66	4'36	5'05
38	31	69	39'60	34'00	73'60	30'77	33'33	31'82	3'21	...	1'36
37	21	58	37'09	24'80	61'89	33'33	100'00	55'55	5'39	8'02	6'46
39	25	64	39'67	25'46	65'13	20'00	42'85	27'27	12'60	3'92	9'21
43	31	74	38'08	30'09	68'17	38'46	15'38	26'92	2'62	9'97	5'87
49	41	90	45'77	40'56	86'33	18'18	22'22	20'00	6'55	...	3'47
46	40	86	48'54	41'75	90'29	50'00	23'53	33'33	4'12	9'58	6'64
42	43	85	45'65	41'87	87'52	33'33	24'00	26'47	4'38	14'27	9'13
45	41	86	42'92	41'10	84'02	30'77	44'44	36'36	2'32	4'86	3'57
41	38	79	42'70	40'64	83'34	37'50	33'33	35'29	4'68	4'92	4'79
37	37	74	37'39	41'23	78'62	50'00	15'38	26'31	5'35	7'27	6'35
34	37	71	36'36	34'19	70'55	40'00	37'50	38'46	11'00	8'77	9'92
39	32	71	36'87	37'16	74'03	20'00	71'42	41'17	8'14	8'10	8'10
35	34	69	36'83	34'41	71'24	25'00	...	14'28	...	...	...
32	31	63	33'18	35'74	68'92	50'00	85'71	77'77	3'01	...	1'45
36	36	72	34'13	33'79	67'72	22'22	30'00	26'31	5'83	5'92	5'88
38	44	82	37'80	38'93	76'73	20'00	37'50	30'76	15'82	2'56	6'43
37	38	75	38'12	40'58	78'70	50'00	71'42	58'82	7'87	2'46	6'43
33	40	73	31'58	40'95	72'53	16'66	...	6'25	12'60	2'44	6'89
42	39	81	38'24	42'00	80'24	28'57	57'14	40'00	5'20	4'76	4'99
41	43	84	41'88	40'57	82'45	27'25	27'77	27'58	4'75	12'07	8'48
45	44	89	44'18	44'93	89'11	14'28	25'00	20'00	4'52	2'44	3'37
42	46	88	44'70	44'73	89'43	47'32	33'33	41'17	2'23	2'23	2'23
48	48	96	44'45	50'00	94'45	38'88	39'28	39'13	4'49	2'00	3'17
53	49	102	49'15	47'52	96'67	29'41	36'84	33'33	2'03	4'20	3'10
50	43	93	51'43	45'55	96'98	25'00	58'33	41'66	11'08	4'40	8'24
50	51	101	49'28	45'76	95'04	12'50	31'58	22'85	8'11	6'55	7'36
46	51	97	49'59	50'24	99'83	37'50	44'44	41'18	13'04	9'80	11'34
51	48	99	48'09	52'44	100'53	11'11	50'00	28'12	8'31	9'53	8'95
49	48	97	46'78	48'16	94'94	60'00	50'00	55'90	6'41	6'22	6'31
51	50	101	51'11	49'60	100'71	33'30	35'71	34'28	13'69	4'03	8'93
56	52	108	53'54	51'70	105'24	31'60	40'00	35'90	3'73	1'93	2'93
57	50	107	55'47	50'27	105'74	43'47	30'70	40'00	5'40	5'96	5'67
62	50	112	60'24	50'23	110'47	40'90	55'55	47'50	6'64	5'97	6'33
63	56	119	72'07	52'23	124'30	18'18	36'82	27'80	6'93	3'82	5'68
70	52	122	66'89	53'23	120'12	17'24	33'33	20'51	10'46	5'63	8'32
67	62	129	67'26	54'28	122'14	33'33	5'55	20'51	8'92	7'36	8'17
69	60	129	67'08	60'56	127'65	44'44	45'00	44'73	2'98	4'95	3'13
70	62	132	70'27	61'55	131'82	17'39	11'53	14'28	7'11	6'49	6'82
75	57	132	72'04	59'66	131'70	35'00	52'94	43'24	2'77	11'73	6'84
69	66	135	71'90	60'65	132'58	10'53	14'28	12'50	11'12	6'59	9'05
70	58	128	66'95	60'39	127'34	53'33	55'00	54'29	2'98	8'28	5'49
67	56	123	67'32	60'10	127'39	26'67	36'84	32'06	10'39	3'33	7'06
65	57	122	67'25	56'84	124'09	33'33	29'41	31'43	8'92	7'04	8'01
63	64	127	65'33	58'21	123'28	41'18	5'00	21'62	1'53	5'15	3'24
64	66	130	64'39	64'57	128'96	42'14	13'07	25'00	4'64	10'84	7'75
Average or Percentage			49'91	46'07	95'82	31'80	36'49	33'55	6'55	5'69	6'05
			61'52	54'18	115'61	34'04	42'44	37'99	6'10	5'02	5'29

TABLE 4

Showing the Causes of Death, with the Ages at Death, during the Year 1909

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.
General Paralysis	1	0	1	...	...	...	...	...	...	...	...	...	1	0	1
Exhaustion of Acute Mania,	1	1	...	...	...	...	...	...	...	...	0	1	1
Valvular Disease of Heart,	0	1	1	...	...	...	...	...	...	...	0	1	1
Pneumonia and Influenza	1	1	2	...	...	...	...	0	1	0	1	2	3
Chronic Bronchitis	0	1	1	...	...	...	0	1	1
Chronic Bright's Disease	0	1	1	...	...	...	...	...	...	...	0	1	1
Tubercular Peritonitis	1	0	1	1	0	1
Burns	0	1	1	...	...	...	...	...	...	...	0	1	1
Total,	1	0	1	6	5	0	1	1	2	1	1	2	3	7	10

TABLE 5

Showing the Length of Residence in those Discharged Recovered and in those who have Died during the Year 1909

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

TABLE 6

Showing the Duration of the Disorder on Admission in the Admissions Discharges, and Deaths, during the Year 1909

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,	3	14	17	5	3	8	2	7	9	0	2	2	
SECOND CLASS													
First attack above 3, and within 12 months on admission,	1	3	4	...	...	...	1	3	4	1	1	2
THIRD CLASS													
Not first attack, and within 12 months on admission,	4	5	9	1	1	2	1	2	3	0	2	2	
FOURTH CLASS													
First attack or not, but of more than 12 months on admission,	5	3	8	...	...	...	0	1	1	2	2	4
FIFTH CLASS													
Congenital,	1	1	2	...	...	...	...	...	...	...	...	...
Total,	14	26	40	6	4	10	4	13	17	3	7	10	

TABLE 7

Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1909, and of those remaining on 31st December, 1909

	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
20 " " 25 "	1	2	3	1	0	1	...	...	...	4	1	5
25 " " 30 "	0	5	5	1	0	1	...	...	...	2	6	8
30 " " 35 "	1	0	1	1	0	1	...	...	...	1	4	5
35 " " 40 "	5	4	9	1	1	2	1	0	1	9	6	15
40 " " 45 "	3	2	5	2	1	3	...	...	...	11	5	16
45 " " 50 "	3	1	4	...	...	...	0	1	1	9	8	17
50 " " 55 "	0	4	4	...	...	...	1	1	2	9	5	14
55 " " 60 "	0	5	5	0	1	1	0	3	3	7	8	15
60 " " 65 "	1	0	1	...	...	...	...	...	...	3	6	9
65 " " 70 "	0	1	1	...	...	...	...	...	...	1	6	7
70 " " 75 "	...	...	...	...	...	...	0	1	1	5	4	9
75 " " 80 "	...	...	...	...	...	...	1	0	1	1	4	5
80 " " 85 "	0	2	2	...	...	...	0	1	1	1	3	4
85 " " 90 "	...	...	...	...	...	...	...	...	...	...	...	...
90 " " 95 "	...	...	...	...	...	...	...	...	...	1	0	1
Total,	14	26	40	6	4	10	3	7	10	64	66	130

TABLE 8

Showing the condition as to Marriage in the Admissions, Recoveries, and Deaths during 1909, and of Patients Resident 31st December, 1909

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	11	21	4	2	6	2	5	7	52	40	92
Married, ...	4	14	18	2	2	4	1	2	3	9	15	24
Widowed, ...	0	1	1	...	...	...	...	...	...	3	11	14
Total, ..	14	26	40	6	4	10	3	7	10	64	66	130

TABLE 9 showing the Causal Factors in

M., 14; F., 25;

Causal Factors.	Total.			Heredity.										Stress.				Nervous.
	Incidence			Insane.		Neurotic		Alcoholic.		Denied.		Unknown.		Mental.		Physical.		
	M.	F.	T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.
Heredity of Insanity, ...	10	17	27	10	17	...	...	...	...	...	...	...	...	3	4	...	2	...
Heredity of Neuroses only, ...	3	1	4	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...
Heredity of Alcoholism only, ...	...	2	2	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...
Neuropathic Heredity Denied,	1	3	4	...	...	...	...	...	...	1	3	...	...	...	...	...	...	1
Family History Unknown, ...	...	2	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
Mental Stress, ...	3	5	8	3	4	...	...	...	1	...	...	...	...	3	5	...	...	...
Physical Stress, ...	...	2	2	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...
Lesions of	Nervous System, ...	1	2	3	...	2	...	...	...	1	...	...	...	...	...	...	...	1
	Circulatory System, ...	1	8	9	1	5	...	...	2	...	...	1	...	1	1	...	2	...
	Gastro-intestinal System,	3	6	9	3	4	...	...	...	...	2	...	...	1	2	...	...	...
	Urinary System, ...	1	4	5	...	3	1	...	1	...	...	...	...	...	1	...	1	...
	Reproductive System, ...	...	7	7	...	6	...	...	...	...	1	...	...	...	1	...	...	...
Toxic	Alcoholism, ...	...	3	5	1	1	2	1	...	...	...	...	...	...	...	...	...	...
	Syphilis, ...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	Tubercle, ...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...
	Influenza, ...	...	3	3	...	2	...	...	1	...	...	...	...	...	...	...	...	...
	Exophthalmic-goitre,	...	1	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...
Skin Diseases, ...	...	2	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...
Trauma, ...	...	1	1	2	1	1	...	...	...	...	...	...	...	...	1	...	...
Senility, ...	...	...	2	2	...	...	...	...	...	...	...	2	...	...	...	...	...
Previous Attacks, ...	...	5	7	12	3	5	2	...	...	1	...	...	1	1	2	...	...

the Persons admitted during the Year 1909.

T., 39.

Lesions.								Toxic.										Skin.		Trauma.		Senility.		Previous Attacks.	
Circulatory		Gastro-Intestinal.		Urinary.		Reproductive.		Alcohol.		Syphilis.		Tubercle.		Influenza.		Goitre.		M.	F.	M.	F.	M.	F.	M.	F.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	5	3	4	...	3	...	6	1	1	...	...	...	1	...	2	...	1	...	2	1	1	...	...	3	5
...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
...	2	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
...	...	...	2	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...
...	1	1	2	...	1	...	2	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	2	...
...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	8	...	1	...	3	...	1	...	...	...	...	...	...	2	...	...	...	1	...	...	...	1	...	2	...
...	1	3	6	...	1	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
...	3	...	1	1	4	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
...	1	...	4	...	1	...	7	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...
...	...	...	...	1	...	...	...	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	2	...	...	...	1	...	1	...	...	...	...	...	...	3	...	...	...	2	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
...	1	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	2	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	...	1	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...
2	1	1	...	1	...	...	2	1	...	...	...	...	1	...	...	...	...	...	1	...	...	1	5	7	...

TABLE 10

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, Recoveries, and Deaths of the Year 1909, and the Form of Mental Disorder of the Inmates, 31st December, 1909

Form of Mental Disease	Admissions			Recovered			Deaths			Remaining 31st Dec., 1909		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	CONGENITAL MENTAL DEFICIENCY,	1	1	2	5	1	6
MELANCHOLIA	2	10	12	2	1	3	0	2	2	1	7	8
Recent, ...	1	1	2	...	...	...	0	1	1	5	3	8
Chronic, ...	...	...	...	...	...	...	...	...	...	2	3	5
Recurrent, ...	...	...	...	...	...	...	...	...	...	...	...	...
MANIA	3	9	12	2	2	4	0	1	1	0	2	2
Recent, ...	...	...	...	...	...	...	...	...	...	3	7	10
Chronic, ...	2	0	2	1	1	2	...	...	...	1	6	7
Recurrent, ...	1	0	1	...	...	...	...	...	...	1	0	1
CIRCULAR INSANITY, ...	1	1	2	...	...	...	...	...	...	10	8	18
DELUSIONAL INSANITY, ...	1	0	1	1	0	1	...	...	...	0	1	1
CONFUSIONAL INSANITY, ...	2	4	6	...	...	...	3	3	6	36	28	64
DEMENTIA, ...	14	26	40	6	4	10	3	7	10	64	66	130
Total, ...	...	...	...	...	...	...	...	...	...	...	...	...
EPILEPTICS, ...	1	0	1	...	0	1	...	...	...	6	3	9
GENERAL PARALYTICS, ...	...	...	...	...	...	...	1	0	1	2	0	2

TABLE 11

Showing Occupation of Patients admitted during the Year 1909

MALES				FEMALES			
Carpenter,			1	Agricultural,			3
Chemist,			1	Clerk,			1
Clergyman,			1	Commercial,			9
Clerks,			2	Governess,			1
Estate Agent,			1	Industrial,			4
Farmer,			1	Professional,			7
Forester,			1	Saleswoman,			1
Gardener,			1				
Grocer,			1				
Publican,			1				
Stockbroker,			1				
No occupation,			2				
Total,			14	Total,			26

TABLE 12

Showing Bodily Condition of Admissions

	Male	Female	Total
Good Bodily Condition,	5	10	15
Fair " "	6	8	14
Bad " "	3	8	11
Total,	14	26	40

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

As at 31st March, 1910.

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,			
IX. House at Elie, "The Gables,"	1,200	0	0
Sum,	£63,000	0	0

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

Amount borrowed on Bonds,	£7,200	0	0
<i>Note.</i> —£1600 paid off during year.			
Balance due Union Bank, Current A/c.,	920	19	3
" Sinking Fund,	1	10	0
	8,122	9	3
Remains,	£54,877	10	9

Add the following Balances:—

Board Arrears, to be recovered,	£267	19	6
Patients' Outlays, do.	534	11	5
Balance due by Treasurers,	59	16	6
	862	7	5
Amount of Funds,	£55,739	18	2

N.B.—Amount of Funds at 31st March, 1909, was £53,992 2 7

Add as follows:—

Excess of Receipts for past year, p. within Account,	£1,141	15	7
Debt Sinking Fund, included in year's Expenditure,	606	0	0
	1,747	15	7
As above,	£55,739	18	2

SUPERANNUATION FUND ACCOUNT, as at 31st March, 1910.

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, 1909,	£212	4	5
Half-Year's Annuity, &c., at 30th June, 1909,	16	3	5
do. do. 31st December, 1909,	17	7	5
	33	10	10
In Bank on Deposit Receipt, 31st March, 1910,	£245	15	3

Murray's Royal Asylum.

REVENUE AND EXPENDITURE ACCOUNT

FOR YEAR ENDING 31ST MARCH, 1910.

REVENUE.

I. Board of Patients, per Record Book, ...	£14,185	7	2
II. Carriage Receipts,	635	4	0
III. Farm Receipts,	987	16	0
IV. Garden Receipts,	420	6	10
V. Discounts on Tradesmen's Accounts, ...	37	2	2
VI. Bank Interest, &c., received,	38	4	0
VII. Rents of Attendants' Cottages,	31	4	0
Total Revenue,	£16,335	4	2

EXPENDITURE.

I. House Expenses—			
Provisions,	£4,998	13	11
Fuel,	591	14	0
Lighting,	243	19	0
Furnishings, Fittings, &c.,	551	5	0
Amusements and Petty Out-			
lays,	121	16	6
Sum of House Expenses,	£6,507	8	5
II. Salaries and Wages,	3,994	11	11
III. Repairs to Property,	1536	7	1
IV. Rent, Taxes, and Insurance,	707	16	8
V. Stationery, Postages, and			
Advertising, &c.,	146	19	3
VI. Sinking Fund, and Interest,	880	5	3
VII. Legal Expenses and Sundries,	43	4	0
VIII. Carriage Account,	511	18	11
IX. Farm Payments,	664	8	5
X. Garden Account,	395	3	9
Total Expenditure,	15,388	3	8
Excess of Receipts,	£947	0	6
Add Receipts from Elie Account,	194	15	1
Total Excess of Receipts,	£1,141	15	7

FARM ACCOUNT.

Valuation of Stocking, 31st March, 1909,	£	325	13	6
Stock purchased during year—				
Cows,	£	193	1	6
Cattle,		70	12	6
Pigs,		47	6	0
Poultry,		1	2	0
			312	2 0
Wages, Feeding Stuffs, and Accounts,			341	3 6
Taxes and Insurance,			11	2 11
Rent (31½ acres at 30/-),			47	5 0
			£1,037	6 11
Sales of Produce—				
Cows,	£	167	17	9
Cattle,		82	18	0
Pigs,		204	4	2
Poultry,		27	2	8
Milk, at 9½d per gal.,		402	10	0
Eggs,		28	7	11
Potatoes,		48	5	6
			£961	6 0
Rent of Fields,		26	10	0
Carting for Asylum,		6	0	0
			£993	16 0
Valuation of Stocking at 31st March, 1910,		293	9	0
			1,287	5 0
Balance in favour of Farm,			£249	18 1

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 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.

