

**Fiftieth annual report of the County and City of Worcester Lunatic Asylum  
for the year 1902, and financial statements, 1902-3.**

**Contributors**

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FIFTIETH

ANNUAL REPORT

OF THE

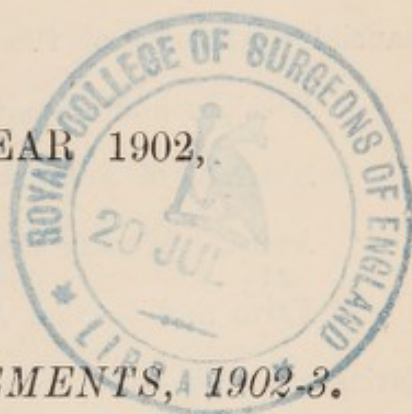
County and City of Worcester

LUNATIC ASYLUM

FOR THE YEAR 1902,

AND

FINANCIAL STATEMENTS, 1902-3.



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WORCESTER:  
PRINTED AT THE HERALD OFFICE. 72, HIGH STREET.

—  
1903.

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## **Committee of Visitors for 1902.**

### **FOR THE COUNTY OF WORCESTER.**

JOHN BRINTON, Esq. (Chairman), Moor Hall, Stourport.  
JAMES BEST, Esq., Holt Castle, Worcester.  
THE REV. H. W. COVENTRY, Severn Stoke, Worcester.  
HARRY E. DIXEY, Esq., M.D., Woodgate, Malvern.  
G. W. GROSVENOR, Esq., Broome House, near Stourbridge.  
MAJOR W. C. HILL, The Cottage, Malvern Wells.  
A. R. HUDSON, Esq., Wick House, Pershore.  
GENERAL SIR CHARLES C. JOHNSON, G.C.B., The Hill,  
Upton-on-Severn.  
C. PELHAM LANE, Esq., Moundsley Hall, King's Norton, Birmingham.  
E. V. V. WHEELER, Esq., Newnham Court, Tenbury.  
THE REV. J. B. WILSON, Knightwick Rectory, Worcester.

### **FOR THE CITY OF WORCESTER.**

WALTER HOLLAND, Esq., MAYOR OF WORCESTER.  
ALBERT BUCK, Esq., Worcester.  
ERNEST DAY, Esq., Worcester.  
JOHN MILLINGTON, Esq., Worcester.

### **Medical Officer and Superintendent.**

GEO. M. P. BRAINE-HARTNELL, M.R.C.S., Eng., L.R.C.P., Lond.

### **Senior Assistant Medical Officer and Deputy Superintendent.**

W. BUBB, M.R.C.S., Eng., L.R.C.P., Lond.

### **Second Assistant Medical Officer.**

J. O. VEITCH, M.B., C.M., Edin.

### **Third Assistant Medical Officer.**

HAROLD B. BUTLER, M.R.C.S., Eng., L.R.C.P., Lond.

### **Chaplains.**

REV. S. MORGANS, B.A.  
REV. W. O. KNIGHT (R.C.)

### **Treasurer.**

ARTHUR C. CHERRY, Esq.

### **Clerk to the Committee of Visitors.**

MR. W. PRICE HUGHES.


### **Asylum Clerk and Steward.**

MR. J. G. HADLEY.

### **Auditor.**

MR. F. A. WHEELER.





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THE  
FIFTIETH ANNUAL REPORT  
OF  
THE COMMITTEE OF VISITORS  
OF  
THE COUNTY AND CITY OF WORCESTER  
LUNATIC ASYLUM  
FOR THE YEAR 1902.

*Presented to the County Council of the County of Worcester  
and to the Town Council of the City of Worcester,  
pursuant to the 190th Section of the Lunacy Act, 1890.*

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1.—The Committee of Visitors of the County and City Asylum now place before the Local Authorities, by whom their powers of management of the affairs of the Asylum are delegated, the 50th Annual Report which has been made to those bodies since the Asylum was opened in the month of August, 1852. The Committee may perhaps take the opportunity of referring to the extension of the Asylum since that period. The total number of Patients in the Asylum on the 1st November, 1852, the date of the last visit of the then House Committee, was 175. On the 31st December, 1902, it amounted to 1158, exclusive of the 45 Female Patients whom we have been obliged to board out; the percentage of recoveries on admission was then 3·7, it is now 39·50. The Asylum was then constructed for the reception of 202 Patients, it now accommodates no less than 1159, though, as the Councils are aware, that is not sufficient to provide for the needs of the County, it having been become necessary to embark in the erection of a new Asylum, the construction of which is about to be proceeded with. We need hardly point out that the large and growing increase in the number of our Inmates adds very much to the responsibilities of those who are entrusted with their care and management.



2.—We noticed in our last report the appointment of Mr. Harold Butler as our third assistant Medical Officer, though he was not actually appointed until after the end of the year. Mr. Butler, purely from private and family reasons was compelled in the month of September last to tender his resignation, after having been with us for about nine months. We regretted to lose his services as we found him efficient and attentive in the discharge of his duties. Mr. H. C. Manning has been appointed to fill the post which was rendered vacant by Mr. Butler's resignation. In other respects the Medical Staff remains unchanged, and we would wish to express our appreciation of the manner in which Mr. Braine-Hartnell, the Medical Superintendent, and the Assistant Medical Officers acting under him, have continued to discharge the very responsible duties which devolve upon them.

3.—A few changes have been made in the House Staff, consequent on the resignation of Mr. E. E. Doughty, the Store-keeper, on his obtaining a more lucrative appointment at the East Sussex Asylum, Mr. Thomas Parry, who had been the Medical Superintendent's Clerk, being promoted to the post vacated by Mr. Doughty, the Medical Superintendent appointing a new Clerk in Mr. Parry's place.

Our Chaplain (the Rev. S. Morgans), on receiving Church Preferment in the Diocese, resigned his appointment in the month of October last. We regret very much to lose the benefit of Mr. Morgans' services, as during the period he has filled the office of Chaplain, he has discharged his duties to our complete satisfaction. We have appointed the Rev. T. J. L. Davies to occupy the position hitherto filled by Mr. Morgans. Mr. Davies will enter upon his duties at the end of the present month of January, when Mr. Morgans leaves us. We append to this Report copies of the Annual Reports made to us, both by Mr. Morgans, and the Rev. Father Knight (the Roman Catholic Chaplain), who (like Mr. Morgans), has carried out his sacred duties faithfully and efficiently.



The conduct of the Officers and Attendants has been generally satisfactory.

With the sanction of the Councils, a Superannuation allowance of £26 per annum was, in the month of February, granted to Miss M. A. Harford, late Charge Nurse, who, on account of ill health, had to resign her situation. She had been in the service of the Asylum for 13 years, and had, during that time, discharged her duties to the satisfaction of the Committee and the Medical Superintendent.

4.—The two pairs of new Cottages for the accommodation of Married Male Attendants, the erection of which was sanctioned by the Councils, and approved by H.M. Secretary of State, have been completed, and are now in the occupation of Asylum Employés. They have been found to be a great convenience, and the provision of Dwellings for Attendants and others employed at the Asylum has been, as on previous occasions, found to conduce to the engagement of more eligible persons to fill situations which become vacant in and about the Asylum. The full cost of erection of these Cottages has not yet been ascertained, but a Special Report in this respect will shortly be made to the Councils, and we have no reason to apprehend that the expenditure will exceed the estimate. The subject of providing further Cottage accommodation is under consideration, it being now found most difficult for Attendants, for whom dwellings are not provided by your Committee, to find suitable Cottages within a reasonable distance of the Asylum, and where they can be fairly accessible to their work. We shall, of course, make a full Report to the Councils should we consider it desirable, in the interests of the Asylum, to provide further Cottage accommodation.

5.—We have held the usual Monthly Meetings and one Special Meeting. The House Committee has also met as required by the Rules, when all the Patients in the Asylum have been visited by Members of our Body. The several Sub-Committees have also met as necessity arose, and we are much indebted to those Gentlemen, who have acted on the Agricultural and Engineering Sub-Committees, for the services they have rendered.



The following is a Table of the Attendances of the Committee :—

	GENERAL AND SPECIAL MEETINGS.	HOUSE COMMITTEE MEETINGS.
John Brinton, Esq. (Chairman).....	11	5
James Best, Esq.....	9	6
Rev. H. W. Coventry .....	13	6
Harry E. Dixey, Esq., M.D. ....	9	5
G. W. Grosvenor, Esq. ....	7	1
Major W. C. Hill .....	6	5
A. R. Hudson, Esq.....	8	0
Gen. Sir Charles C. Johnson, G.C.B.	2	3
C. Pelham Lane, Esq. ....	12	2
E. V. V. Wheeler, Esq.....	4	0
Rev. J. B. Wilson .....	11	5
The Mayor of Worcester (Walter Holland, Esq.) .....	2	2
Albert Buck, Esq. ....	9	4
Ernest Day, Esq.....	10	3
John Millington, Esq.....	7	2

6. — Deputations from Boards of Guardians of the several Unions of the County and City having Patients in the Asylum chargeable to their respective Unions, have visited it during the year. The reports made by these Deputations express the greatest satisfaction with the manner in which the Patients are treated, and with the general management of the Asylum.

7.—In May last the Committee found it desirable that the maintenance charge then existing, of 7s. 7d., should from the 1st April last revert to the former one of 8s. 2d. per head per week, at which it is now maintained.

8.—Two of the Commissioners in Lunacy visited the Asylum on the 17th June, 1902; a copy of their Report will be found in Appendix (Schedule III.).

9.—The Accounts of the Asylum for the year ending the 31st March, 1902, were audited by Mr. W. D. Easterby, the Local Government Board District Auditor, in the month of October last, and his Report thereon was received at the end of the year.

10.—The following Table shows the number of Patients in the Asylum at the last Meeting of the House Committee in each of the following years:—

	Male.		Female.		Total.
1897	482	.....	609	.....	1091
1898	490	.....	624	.....	1114
1899	515	.....	635	.....	1150
1900	527	.....	638	.....	1165
1901	527	.....	654	.....	1181
1902	526	.....	685	.....	1211

In consequence of the increased and increasing number of Patients sent to the Asylum, our accommodation being, as the Councils will no doubt remember, under the regulations laid down by the Commissioners in Lunacy limited to 1159 Patients, though our latest extension was intended to provide for 1200, we have been compelled to make arrangements with two neighbouring Asylums for the reception as Out-Patients of a number of Female Patients from this Asylum, so as to provide accommodation for cases of emergency which might be sent to Powick, and to which otherwise we might have been compelled to refuse admission. We have, therefore, entered into Agreements with the Committee of Visitors of the Derby County Asylum for the reception of 30, and with the Committee of Visitors of the Northampton County Asylum for the reception of 15 Female Patients, as Out-Patients from this Asylum; to the Committee of Visitors of the first-named Asylum we pay 15s. 2d., and to the latter 14s. per head per week for each Patient.

The above numbers for the year 1902 include 30 Female Patients now in the Derby County Asylum, and 15 Female Patients now in the Northampton Asylum.

11.—We append to this Report the following:—

- I. Chaplain's (Rev. S. Morgans) Report.
- II. Roman Catholic Chaplain's Report.
- III. Report of Commissioners in Lunacy.
- IV. Table showing state of Mortgage Debt.

JOHN BRINTON,

Moor Hall, Stourport,  
29th January, 1903.

CHAIRMAN.



[SCHEDULE I.]

## CHAPLAIN'S REPORT

(REV. S. MORGANS).

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COUNTY AND CITY ASYLUM,

WORCESTER, DEC. 31st, 1902.

MR. CHAIRMAN AND GENTLEMEN,

I respectfully beg to submit to you my Annual Report as Chaplain of your Asylum for the year ending to-day.

At the beginning of the year I examined the stock of Hymn Books, Prayer Books, and Bibles, removed those that were found defective, and supplied the Wards with the following numbers of new Books: 97 Prayer Books, 111 Hymn Books, and 18 Bibles.

The Services have been duly performed every week-day morning and twice every Sunday, and Special Services have been held on Good Friday and Christmas Day. Services of a short and simple character have also been held alternately in the Centre and Annexe Hospitals for those who have not been able to attend Chapel. The Harvest Thanksgiving Services were held on October 19th, when the Rev. C. Chaytor, Rector of St. Helen's, Worcester, preached an appropriate sermon.

During the year I have celebrated the Holy Communion for the patients every month, the average number of Communicants being 37. There has been during the latter part of the year a decrease in the number of Communicants. This is accounted for by the fact that among the Patients, who have died, or been transferred to another Asylums there were a few of our regular Communicants. I have also celebrated the Holy Communion privately in the sick wards whenever necessary. The behaviour of the patients during Divine Service has been on the whole attentive and

devout. A large proportion of those who attend listen with great attention to the lessons and sermon, and join heartily in the musical portions of the services.

The Holy Communion has been celebrated for Officers and Attendants 12 times during the year at 7 a.m., and the average number is 18. The offerings received at these Services amounted to £3 8s., which has been sent to the East London Church Fund.

The number of Burials at which I have officiated during the year, in the Asylum Cemetery, has been 57.

I have visited the Wards twice a week, and occasionally the Laundry, Shops, and other places where the patients may be employed in work. My visits, whether in or out of doors, have been cordially received.

The Library is still much used and keenly appreciated, and there are few days in the year when books are not asked for or returned. The 129 modern books which have been purchased with the amount allotted on two occasions have greatly added to the value of the Library, and most of them are in constant circulation.

During the time I have been your Chaplain, two of the Staff have received the Sacrament of Baptism, 33 have been prepared for Confirmation, and, through the kindness of the late Bishop of Worcester, and the Bishop Suffragan of Coventry, the rite has been administered to them in the Asylum Chapel. It has been my privilege to institute Special Celebrations of the Holy Communion for Officers and Attendants. These have been well attended and much valued. Among Officers and Attendants there are at present 73 names on the Communicants' Roll.

You have enabled me also to renew the interior fittings and furniture of the East End of the Chapel, a list of which I enumerated in last year's Report.

I have paid some attention to the outdoor recreation of the Staff and Patients. The improvement made to the Cricket Ground has added somewhat to the enjoyment of



the game, and both those who play and those who watch the matches take a keen interest in them. During the last two seasons our efforts have been attended with considerable success, and out of 16 matches played we have only suffered defeat on one occasion.

In concluding this (my last) Report allow me to heartily thank you for the great consideration you have extended to me during the  $4\frac{1}{2}$  years I have been your Chaplain. I desire also to record my appreciation of the kindness and courtesy I have received from the Medical Superintendent and the Officers of this Institution, and the ready co-operation and attention given me by the Staff in the performance of my duties.

I have the honour to be,

Your faithful and obedient Servant,

S. MORGANS,

To THE COMMITTEE OF VISITORS,

CHAPLAIN.

COUNTY AND CITY ASYLUM, WORCESTER.



[SCHEDULE II.]  
ROMAN CATHOLIC CHAPLAIN'S  
REPORT.

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THE PRESBYTERY, CALLOW END,  
NEAR WORCESTER, JAN. 3RD, 1903.

MR. CHAIRMAN AND GENTLEMEN,

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

On all Sundays, without exception, I have held a Service for the benefit of the Roman Catholic Patients and Staff in the Asylum. On an average throughout the year about 25 attend, and behave respectfully and reverently.

A Quarterly Mass has been celebrated in the Chapel, and I have prepared beforehand and admitted to the Sacraments such of the Patients as were capable of understanding what they were doing.

Each week I have visited either the Male or Female Wards, in rotation, and have helped the Patients to the best of my ability. On Sundays I have an opportunity of speaking for a few minutes after the Service to those who wish to see me, and to those who, by reason of working on the farm, are not so accessible during the week.

I have always visited the Wards on receiving notice of sickness, and have prepared the Patients for death, and in case of death I have buried them in the Asylum Burial Ground.

At all times I have been greatly helped in my work by the kindness and courtesy of the Medical Superintendent, the Assistant Medical Officers and the Staff of the Asylum, and I take this opportunity of thanking them.

I have the honour to be, Gentlemen,

Your obedient Servant,

W. OSMUND KNIGHT,

ROMAN CATHOLIC CHAPLAIN.

TO THE COMMITTEE OF VISITORS,  
COUNTY AND CITY ASYLUM, WORCESTER.

[SCHEDULE III.]

## REPORT OF COMMISSIONERS IN LUNACY.

---

WORCESTER COUNTY AND CITY ASYLUM,

17TH JUNE, 1902.

This Asylum, all parts of which we inspected yesterday, continues to be overcrowded, there being 30 women over and above the number for which there is adequate accommodation. Apart from the inconvenience occasioned by this excess—to which, we think, was due the restlessness and excitement which we noticed in some parts of the Female Division—the Wards were comfortable; they were also bright and cheerful and well supplied with objects calculated to amuse and interest the patients. The Dormitories and bedding were in excellent condition throughout, but we regret to report that the two urinals on the male side which were here at the last visit have not been removed. We desire to call attention to the great importance of frequently testing the fire exits from the Dormitories. Yesterday one of these could not be opened, and we were informed that it had not been tested for four months. This interval we consider much too long.

Since our colleagues' visit the following improvements have been effected. A Cemetery has been laid out and is now in use; a Thresh's Disinfector has been provided, and, in addition to the above, we may mention that two pairs of cottages for the use of Attendants and Artizans are now in course of erection.

There are to-day on the books of this Institution the names of 1,183 Patients, of whom 524 are men, and 659 are women. Of these 39 are Private Patients, and seven



are now absent on trial. There remains, therefore, in residence 1,176 Patients, all of whom we have seen and spoken with.

We can report very favourably on the dress and personal tidiness of the Patients, and also on their behaviour, which, with the exceptions on the Female side, to which we have already drawn attention, was quiet and orderly. We received, however, a very considerable number of appeals for discharge, and complaints that adequate time was not given by the Visiting Committee for the consideration of the Patients' mental condition. The other complaints which were preferred were obviously the outcome of delusions, with the following exception, to which we desire to call attention. A Male Patient complained that between 1899 and the beginning of this year the Guardians of the Pershore Union, to which Union he is chargeable, had paid no visit to this Asylum. This statement proved to be correct. To a private Female Patient we gave an interview, whose case is referred to in the Patients' Book.

The health of the Institution appears to be very satisfactory, only 15 Patients being confined to bed, of whom not more than a few were seriously ill.

The dinner, which we saw served in the Wards yesterday, consisted of pressed mutton, potatoes, and bread for the Patients in the Main Building, and Irish Stew for those in the Annexe. The latter dinner we thought very poor, it being composed mainly of potatoes mixed with a very small proportion of meat.

Of the entire Patients at present in the Asylum 1 per cent. are General Paralytic; 18.1 per cent. are Epileptic; and 1.9 per cent. are considered to be actively suicidal. The two classes last mentioned have the benefit of constant night supervision. 2.1 per cent. of the Patients were reported as having wetted their beds last night.

49.1 per cent. usually attend Divine Service in Chapel on Sundays, but we regret to report that for the 51



Patients who profess the Roman Catholic Faith, Mass is celebrated only once a quarter.

About 42.2 per cent. are usually present at the Associated Entertainments. 51.7 per cent. usually walk out weekly, or oftener, beyond the Asylum Estate. 28.6 per cent. usually walk out daily beyond the Airing Grounds, to which 11.5 per cent. are confined because physically unable or unwilling to go beyond them, and 10.5 per cent. because of violence or dirty habits.

Of the men 63.3 per cent. and of the women 67.5 per cent. are usefully employed.

Since this Asylum was last visited by two members of our Board, nearly 15 months ago, 307 Patients have been admitted, 161 discharged, 119 having recovered, 129 have died. The causes of death verified in 87.6 per cent. by P.M. Examination included 15.5 per cent. from Senile Decay, 13.1 per cent. from General Paralysis, 12.4 per cent. from Colitis, and 11.6 per cent. from Phthisis. One Patient died from Typhoid Fever. Bedsores existed at death in 11 cases, or 8.5 per cent. of the total number. There have been four Inquests, the death in each case being from natural causes.

There have been 14 serious but non-fatal casualties, due for the most part to accidental falls, two being dislocations, the rest fracture of bones.

Dysentery has recurred during the past 15 months. Since the last visit 84 Patients—50 males and 34 females—have been attacked by this disease, 16 cases being fatal. No Member of the Staff has been attacked, and there is one case under treatment at the present time.

Three male Patients have recently suffered from Typhoid Fever, one with fatal results; the cause has not been ascertained.

The other zymotic affections have been one case of Erysipelas and one of German Measles.

Mechanical restraint has been employed in the case of one Patient, to prevent self injury, on six occasions for a total duration of 84 hours. 51 Patients have been secluded on 157 occasions for a total period of 805 hours.

The Staff consists of 7 men and 9 women for night duty, and 45 of the former and 51 of the latter for day duty. The number of day attendants gives 1 man for every  $11\frac{1}{2}$  male, and 1 woman for every 13 female Patients. These figures show therefore that the Staff is somewhat weak. The record of service is very good, only 19·2 per cent. of the men and 22 per cent. of the women having served under one year, while so many as 57·7 per cent. of the men and 30·5 per cent. of the women have been in the service of the Asylum more than five years.

No Attendant has been dismissed or allowed to resign to escape dismissal since the last visit.

The Case Books and other Medical Records continue to be very well kept.

In the absence of Mr. Braine-Hartnell, Mr. Bubb, the Senior Assistant Medical Officer, accompanied us during our inspection, and afforded us every assistance.

HARDINGE F. GIFFARD,	}	COMMISSIONERS IN LUNACY.
SIDNEY COUPLAND,		



## [SCHEDULE IV].

## STATEMENT OF MORTGAGE DEBT.

	For the County.	For the City.	Total.
	£ s. d.	£ s. d.	£ s. d.
The total aggregate originally borrowed } amounted to .....	56,888 17 8	7,111 2 4	64,000 0 0
Borrowed since .....	77,327 16 4	10,976 14 0	88,304 10 4
	134,216 14 0	18,087 16 4	152,304 10 4
Principal Paid off.....	111,913 6 0	9,842 16 4	121,756 2 4
„ Remaining unpaid.	22,303 8 0	*8,245 0 0	30,548 8 0

\* £2,932 14s. 10d. stands at credit of the Loans Fund towards paying off the above balance of £8,245.

JOHN BRINTON,

Chairman.





## NEW BUILDINGS

*Statement showing Receipts and Payments*

## RECEIPTS.

	£	s.	d.
Balance due to Treasurer .....	1,030	7	7
<hr/>			
	1,030	7	7

## ACCOUNT.

*from 1st April, 1902, to 31st March, 1903.*

## PAYMENTS.

	£	s.	d.
Mr. McCann, on account of Contract for New Cottages .....	1,000	0	0
Mr. C. Evans, Iron Fencing.....	24	0	3
Messrs. Hughes and Brown, Law Charges .....	4	9	10
Advertising .....	1	17	6
	1,030	7	7



## REPAIRS

*Statement showing Receipts and Payments*

## RECEIPTS.

	£	s.	d.	£	s.	d.
County Council .....				624	3	10
City Council .....				78	0	5
Excess of weekly charge on:—						
Out County Patients.....	15	10	5			
Private Patients.....	614	13	7			
Criminal Patients .....	16	14	2			
				646	18	2
Rent of Cottages .....				96	0	0
Maintenance Account, re Funerals .....				4	7	6
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border-left: 1px solid black; border-bottom: 1px solid black; transform: rotate(45deg);"></div> </div>						
Balance due to Treasurer .....	1,135	18	9			
Clerk .....	47	0	1			
				1,182	18	10
				2,632	8	9

## ACCOUNT.

*from 1st April, 1902, to 31st March, 1903.*

## PAYMENTS.

	£	s.	d.
Balance due at commencement of year .....	761	16	4
Artizans' and Labourers' Wages .....	522	17	8
Iron and Ironmongery .....	46	14	8
Firebars and other Castings .....	23	14	5
Tubing, Steam and Gas .....	32	15	11
Cocks, Valves, &c. ....	13	11	3
Asbestos and India Rubber Packing ..	8	8	8
Engine Fittings .....	5	6	7
Composition Covering .....	5	17	4
Steam Coil .....	4	15	0
Steam Trap .....	3	10	0
Vertical Boiler, Injector and Tank ..	49	15	0
Lamp, Gas .....	10	5	0
Gas Fittings .....	10	3	10
Locks and Keys .....	5	9	9
W.C. Fittings .....	16	6	6
Belting .....	1	11	2
Electrical Appliances .....	7	17	8
Fire Bricks for Gas Ovens .....	26	8	0
Tools .....	15	3	7
Paints, Oils, &c. ....	35	13	10
White Lead .....	14	16	9
Wall Paper .....	3	19	1
Glass .....	14	11	6
Lead and Tin .....	13	1	1
Rain Water Spouting .....	13	2	0
Builders' Bricks .....	15	15	0
Cement and Lime .....	13	4	3
Sand .....	1	10	4
Slates and Tiles .....	2	13	0
Stone .....	11	16	0
Sanitary Pipes .....	6	0	10
Timber .....	199	8	0
Sash Cord .....	4	0	0
Road Stone .....	21	16	7
Filter Sand .....	14	12	0
Fire Hose .....	15	0	0
Allowances to Fire Brigade .....	14	18	6
Fire Insurance .....	76	0	10
Carriage of Goods .....	2	4	4
Travelling Expenses .....		8	6
Fencing for Cemetery .....	12	1	5
Surveyor's Charges, <i>re</i> Cemetery .....	8	1	3
Pensions .....	545	5	4
	2,632	8	9



# THE HISTORY OF THE CITY OF BOSTON FROM 1630 TO 1800

CHAPTER I. THE FIRST SETTLEMENT.		1630	
1	1630	1	1630
2	1631	2	1631
3	1632	3	1632
4	1633	4	1633
5	1634	5	1634
6	1635	6	1635
7	1636	7	1636
8	1637	8	1637
9	1638	9	1638
10	1639	10	1639
11	1640	11	1640
12	1641	12	1641
13	1642	13	1642
14	1643	14	1643
15	1644	15	1644
16	1645	16	1645
17	1646	17	1646
18	1647	18	1647
19	1648	19	1648
20	1649	20	1649
21	1650	21	1650
22	1651	22	1651
23	1652	23	1652
24	1653	24	1653
25	1654	25	1654
26	1655	26	1655
27	1656	27	1656
28	1657	28	1657
29	1658	29	1658
30	1659	30	1659
31	1660	31	1660
32	1661	32	1661
33	1662	33	1662
34	1663	34	1663
35	1664	35	1664
36	1665	36	1665
37	1666	37	1666
38	1667	38	1667
39	1668	39	1668
40	1669	40	1669
41	1670	41	1670
42	1671	42	1671
43	1672	43	1672
44	1673	44	1673
45	1674	45	1674
46	1675	46	1675
47	1676	47	1676
48	1677	48	1677
49	1678	49	1678
50	1679	50	1679
51	1680	51	1680
52	1681	52	1681
53	1682	53	1682
54	1683	54	1683
55	1684	55	1684
56	1685	56	1685
57	1686	57	1686
58	1687	58	1687
59	1688	59	1688
60	1689	60	1689
61	1690	61	1690
62	1691	62	1691
63	1692	63	1692
64	1693	64	1693
65	1694	65	1694
66	1695	66	1695
67	1696	67	1696
68	1697	68	1697
69	1698	69	1698
70	1699	70	1699
71	1700	71	1700
72	1701	72	1701
73	1702	73	1702
74	1703	74	1703
75	1704	75	1704
76	1705	76	1705
77	1706	77	1706
78	1707	78	1707
79	1708	79	1708
80	1709	80	1709
81	1710	81	1710
82	1711	82	1711
83	1712	83	1712
84	1713	84	1713
85	1714	85	1714
86	1715	86	1715
87	1716	87	1716
88	1717	88	1717
89	1718	89	1718
90	1719	90	1719
91	1720	91	1720
92	1721	92	1721
93	1722	93	1722
94	1723	94	1723
95	1724	95	1724
96	1725	96	1725
97	1726	97	1726
98	1727	98	1727
99	1728	99	1728
100	1729	100	1729

# THE FIFTIETH ANNUAL REPORT

## OF THE

# MEDICAL OFFICER & SUPERINTENDENT.

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*To the Committee of Visitors of the Worcester County and  
City Asylum.*

MR. CHAIRMAN AND GENTLEMEN,

I beg to submit to your consideration the Annual Report on the management and condition of your Asylum for the year ending December 31st, 1902. Appended thereto are the usual statistical tables and the Financial Report for the year ending March 31st, 1903. These have been, as usual, prepared by the Asylum Clerk.

The changes that occurred among the patients were as follows :

	Males.	Females.	Total.
Number of Patients in Asylum, January 1st, 1902	525	655	1,180
Admitted ...	114	152	266
Discharged ...	57	115	172
Died ...	65	51	116
Number of Patients in Asylum 31st December, 1902, including 45 Females boarded out...	517	686	1,203

These figures show a net increase of 23 patients. The men have decreased by 8, and the women have increased by 31. The average number resident was 524 males, 665 females, total 1,189.

As this is the fiftieth report I think it might be instructive to trace the growth of the Asylum from its beginning.

The Asylum was opened in August, 1852, for 200 patients. In January, 1853, there were 81 males, 97 females, total 178, in residence.



In 1856 additional accommodation was provided for 110 male and female patients.

In 1861 pressure on the female side necessitated the erection of an Infirmary Ward to contain 45 beds.

In 1863 it was found needful to open another ward for 100 females. This was for chronic well-behaved patients.

In 1867 a house was built for the then Superintendent, and his residence in the Asylum used for the Assistant Medical Officer, and 54 male patients were placed in the upper part.

In 1871 the male patients having increased, a ward was opened to contain 134 patients.

In June, 1885, the Annexe was opened for 70 males and 140 females, total 210.

In 1893 additional wards for 140 male patients were erected.

Finally, in 1898, four Dormitories and a Nurses' block were added, thus enabling two wards which were utilised as dormitories to be used as Day Rooms, and giving room for 140 more female patients.

The beds in the Asylum, at the present time, in accordance with the requirements of the Commissioners in Lunacy, ought to be for 530 males, 639 females, total 1,169.

It will thus be seen that there were 13 vacant beds on the male side, and an excess of 2 on the female side, excluding those boarded out, at the end of the year.

It may be interesting to compare the ratio of patients per 1,000 of population in the geographical County of Worcester for the years 1861 and 1901. The ratio per 1,000 was, in

1861	...	...	...	...	...	1.88
1901	...	...	...	...	...	2.87

These figures include all the patients in the Asylum, Workhouses, and with friends. In 1861 there were 580 patients in a population of 307,397. In 1901 there were 1402 in a population of 488,338, so that if the same ratio had obtained from 1861—1901, there ought to have been 921 instead of 1,402 insane people in the County.

This shows that the insane community of Worcester-shire during these 40 years has increased by 481 *beyond* or *in excess* of the number we should expect having regard to the natural increase of population.

ADMISSIONS.—Two hundred and sixty-six patients were admitted during the year—114 males and 152 females, the highest number since the opening of the Asylum. The following table shows the state of the bodily health of those admitted :

BODILY HEALTH OF THOSE ADMITTED.

	Males.	Females.	Total.
In Good Bodily Health and Condition ...	9	14	23
In Indifferent Health and Reduced Condition	61	108	169
In Bad Health and Exhausted Condition ...	44	30	74

Thirty-five of those admitted have been discharged "Recovered." Thirty-one have died. Ten males and 28 females have been under Asylum treatment on a previous occasion.

DISCHARGES.—Ninety-six patients were discharged "Recovered," being at the rate of 36.79 males, 41.60 females ; total 39.50 per cent. on number admitted excluding transfers from other Asylums. This is 4 per cent. lower than last year, but equal to that for all the Asylums for England and Wales for 1901.

DEATHS.—The deaths numbered 116, and the rate calculated on the daily average number resident was 9.75 per cent., being slightly higher than last year. Colitis caused the death of 8 males and 8 females.

The following is a short summary of the causes of death. Full details will be found in Table V.

SUMMARY OF CAUSES OF DEATH.

	Males.	Females.	Total.
Diseases of Brain and Spinal Cord ...	20	9	29
„ Heart and Lungs ...	20	19	39
„ Abdominal Organs ...	10	13	23
Senile Degeneration ...	11	8	19
Other Causes ...	4	2	6

Post-Mortem examinations were made in 94 out of 116 deaths.

PRIVATE PATIENTS.—The private patients were 7 less at the end of the year. Twelve, including one criminal, were admitted, 11 were discharged, 6 died, 4 were transferred from pauper to private, and 2 from private to pauper class.



**INQUEST.**—One inquest was held during the year. The Jury returned the following verdict: "That the said J.F. died from Syncope and Cerebral Tumour."

**ACCIDENTS.**—The accidents have been more numerous during the past year. Four were fractures of ribs, two of the lower jaw, four of the hip, two of the leg, one of the arm, one of a finger, two were dislocation of the shoulder, and one man lost an eye through a piece of iron flying up into it while at his work. All these were either the result of accident or from the violence of other patients. They were reported to your Committee from time to time as they happened.

**ESCAPES.**—Four patients escaped during the year, and were all re-captured in a short time, except one man who avoided re-capture for the statutory period. His name was consequently removed from the books.

**HEALTH.**—Two male Attendants and five male patients were attacked with Measles. Two male patients developed Typhoid Fever, from which one died. The origin of the infection could not be discovered. Two male patients had Scarlet Fever. The source of infection was not traced, but Scarlet Fever was prevalent in the neighbourhood at the time. Influenza has been rife among the Staff, and some of the patients have suffered. Twenty-five male and 46 female patients have had Colitis. A female patient was found to be suffering from Cancer of the Breast. Amputation was performed by Mr. Bubb. She made a good recovery.

**BIRTH.**—A married female patient was confined a fortnight after her admission. She still remains a patient.

**STAFF.**—Mr. H. B. Butler resigned the post of 3rd Assistant Medical Officer to go into private practice. Mr. H. C. Manning was appointed in his place. The Rev. S. Morgans, the Chaplain, resigned his post on obtaining preferment in the Diocese. Both these Officers carried with them the good wishes of the Staff for their success in their new spheres of work. The Rev. T. J. L. Davies was appointed Chaplain, and enters on his work early in 1903. Mr. E. E. Doughty, Storekeeper, was appointed Storekeeper to the Hayward's Heath Asylum. Mr. Parry, Superintendent's Clerk, was promoted to the vacant post, and Mr. Jackson became Superintendent's Clerk. Mary Ann Harford, Charge Nurse, who had been ill for some time and had to resign, was granted by your Committee a pension of £26 a year. This has been confirmed by the Councils of the County and City. One Male Attendant and the Cook at the Centre Building resigned through ill health. The latter, I regret to say, has since died.



W. A. Jones, Senior Attendant in the Male Hospital, I am sorry to have to report, developed Pneumonia and died after a few days' illness. Several of the Charge and Senior Nurses left to be married, and many resigned owing to restlessness and want of change. Attendant W. Stevens returned from the War and was re-instated by your Committee in his old post.

My thanks are due to my Medical Colleagues for the great interest they exhibit in the welfare of the patients, and for their loyal assistance on all occasions. The other Officers continue to exercise great care over their several departments of work.

The following is a numerical statement of the Staff:—

NUMERICAL STATEMENT OF THE STAFF.

	Males.	Females.	Total.
Superintendent and Medical Officer ... ..	1	...	1
Assistant Medical Officers ... ..	3	...	3
Other Officers ... ..	8	4	12
Ward Attendants (including five Artizan Attendants) ... ..	45	52	97
Ward Night Attendants .. ..	7	9	16
Tradesmen and Artizan Attendants who do no Ward Duty ... ..	10	...	10
Storekeeper's and Engineer's Assistants, Stokers, &c. ... ..	11	...	11
Gardeners and Farm Servants ... ..	15	...	15
Porters, Cooks, Laundry Maids, and other Domestic Servants ... ..	2	14	16

COMMISSIONERS IN LUNACY.—Mr. Giffard and Dr. Coupland, two of the Members of the Board of the Commissioners in Lunacy, paid their annual visit on 16th and 17th of June. The Report has already been under your notice.

GENERAL MATTERS.—The charge for patients, which had previously been 7s. 7d. was raised from April 1st, 1902, to 8s. 2d. per head per week.

The average weekly cost per patient for the year ending March 31st, 1903, was 7s. 11½d.

Owing to the prevalence of Small Pox in the County your Committee decided to have those of the patients and Staff vaccinated who had not been done a few years ago. This has been carried out, and the result as regards successful vaccination was very good.

Your Committee have been good enough to grant an extra week's holiday to all members of the Day Staff of 12 years' service, and to those Night Nurses and Attendants of like standing, two instead of one night a quarter. This has been much appreciated.



Owing to the difficulty in finding houses for the married Attendants, your Committee obtained the sanction of the Councils to build four Cottages at Wick's Close, which were occupied in November last.

The Coronation Festivities were interfered with by the weather, and, in consequence, the Sports were held on August 11th, in Pursers, instead of on the day originally fixed. 397 males and 515 female patients were present; a very enjoyable afternoon was spent.

In consequence of the overcrowding on the female side, your Committee entered into an agreement with the Committees of the Derby and Northampton County Asylums for the reception of 30 and 15 female patients. They were duly transferred in December last.

The following Boards of Guardians have visited the Asylum:—Bromsgrove, Dudley, Droitwich, Evesham, Kidderminster, King's Norton, Martley, Pershore, Shipston-on-Stour, Solihull, Stourbridge, Tewkesbury, Upton-on-Severn, West Bromwich, and Worcester. We would gladly welcome a visit from every Union sending patients to the Asylum.

The Farm shows a profit of £1,126 10s. 5d. This is due to an increase of stock, and to the value of the produce sent in to the Asylum having been much more than in any previous year.

In conclusion, I beg to tender my thanks to your Committee for the kind consideration and assistance which you have always afforded me.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

GEO. M. P. BRAINE-HARTNELL.

May 2nd, 1903.

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STATISTICAL  
AND  
MEDICAL TABLES  
1903.

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TABLE I.

*Showing the Admissions, Re-admissions, Discharges, and Deaths during the year ending 31st December, 1902.*

	M.	F.	T.	M.	F.	T.
In Asylum January 1st, 1902 .....				525	655	1180
Cases admitted—						
First admissions .....	104	124	228			
Not first admissions .....	10	28	38			
Total cases admitted during the year				114	152	266
Total cases under care during the } year .....				639	807	1446
Cases discharged—						
Recovered .....	39	57	96			
Relieved .....	9	6	15			
Not improved .....	9	52	61			
Died .....	65	51	116			
Total cases discharged and died } during the year .....				122	166	288
Remaining in the Asylum 31st } December, 1902 .....				517	641	1158
Average number resident during } the year .....				524	665	1189
Persons * under care during the } year† .....				635	803	1438
Persons admitted       "       "				114	150	264
Persons recovered       "       "				39	56	95
Transferred ‡ to the Asylum .....				8	15	23
"       from the Asylum ...				13	50	63

\* 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, &c., to another, even when re-certified, are regarded as transfers.

TABLE I<sub>A</sub>.

*Showing (1) the Previous Attacks among Persons admitted during the year 1902, 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 1 attack.....	16	22	38
„ 2 attacks .....	2	12	14
„ 3 „ .....	...	1	1
„ 4 „ .....	...	1	1
„ 5 „ or more .....	...	...	..
„ several attacks.....	2	2	4

(2) NUMBER OF TIMES PATIENTS RECOVERED.	IN THIS ASYLUM.			IN ANY ASYLUM.*		
	M.	F.	T.	M.	F.	T.
Once .....	7	15	22	...	...	...
Twice ... ..	...	7	7	...	...	..
Three .....	...	1	1	...	...	...
Four .....	...	...	...	...	...	...
Five .....	...	...	...	...	...	...

\* This information is not given owing to the impossibility of supplying it with accuracy.



TABLE II.

*Showing the Admissions, Re-admissions, Discharges, and Deaths from the opening of the Asylum to the 31st December, 1902.*

	M.	F.	T.	M.	F.	T.
<i>Persons</i> admitted during the period of 50 years and 4 months... }	3787	3708	7495			
Re-admissions ...	498	649	1147			
Total <i>Cases</i> admitted ...				4285	4357	8642
Discharged <i>Cases</i> :—						
Recovered ...	1197	1613	2810			
Relieved ...	263	255	518			
Not improved ...	362	320	682			
Died... ..	1946	1528	3474			
Total <i>Cases</i> discharged and died since the opening of the Asylum ... }				3768	3716	7484
Remaining 31st December, 1902...				517	641	1158
Average number resident during the 50.39 years ... }				312	394	706
Transferred to the Asylum ...				424	376	800
„ from the Asylum ...				450	398	848

TABLE IIA.

*Showing the Admissions and Recoveries of Persons\* from 11th August, 1852, to the present date, 31st December, 1902.*  
(50·39 years.)

HISTORY OF RECOVERIES OF PERSONS.				The same only omitting all Persons transferred from other Asylums, &c.		
	M.	F.	T.	M.	F.	T.
<i>Persons</i> admitted during the } 50·39 years ... }	3787	3708	7495	...	...	...
Of whom were discharged recovered during the same period, being 30·3 per cent. of <i>Persons</i> admitted ... }	992	1281	2273	...	...	...
Of whom were re-admitted relapsed† ... }	250	358	608	...	...	...
Leaving recovered <i>Persons</i> who have not relapsed ... }	742	923	1665	...	...	...
Relapsed <i>Persons</i> discharged recovered‡ ... }	101	136	237	...	...	...
Net    recovered <i>Persons</i> being 25·3 per cent. of persons admitted ... }	843	1059	1902	...	...	...

\* *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 more than once.

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

¶ This information is not given owing to the impossibility of supplying it with accuracy.



## TABLE II.

Summary of the results of the experiments on the effect of the temperature of the water on the rate of the reaction between the hydrogen peroxide and the potassium permanganate solution.

Experiment No. 1.			
Time, min.	Volume of gas evolved, c.c.	Temperature of water, °C.	Remarks.
0	0	15	
10	10	15	
20	20	15	
30	30	15	
40	40	15	
50	50	15	
60	60	15	
70	70	15	
80	80	15	
90	90	15	
100	100	15	
110	110	15	
120	120	15	
130	130	15	
140	140	15	
150	150	15	
160	160	15	
170	170	15	
180	180	15	
190	190	15	
200	200	15	
210	210	15	
220	220	15	
230	230	15	
240	240	15	
250	250	15	
260	260	15	
270	270	15	
280	280	15	
290	290	15	
300	300	15	
310	310	15	
320	320	15	
330	330	15	
340	340	15	
350	350	15	
360	360	15	
370	370	15	
380	380	15	
390	390	15	
400	400	15	
410	410	15	
420	420	15	
430	430	15	
440	440	15	
450	450	15	
460	460	15	
470	470	15	
480	480	15	
490	490	15	
500	500	15	

The results of the experiments show that the rate of the reaction between the hydrogen peroxide and the potassium permanganate solution is independent of the temperature of the water.

The rate of the reaction is also independent of the concentration of the potassium permanganate solution.

The rate of the reaction is also independent of the concentration of the hydrogen peroxide solution.

The rate of the reaction is also independent of the volume of the reaction mixture.

The rate of the reaction is also independent of the time of the reaction.

TABLE III.

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Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and proportion of Recoveries per cent. of the Admissions for each year since the Opening of the Asylum, 11th August, 1852.

Dates.	Admitted.			Discharged.									Died.			Remained at close of Year.			Average Number Resident.			Per-centage of Recoveries on Admissions.			Per-centage of Deaths on Average Number Resident.		
				Recovered.			Relieved.			NotImproved																	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
From Aug. 11th to Dec. 31st.																											
1852	91	101	192	5	2	7	2	...	2	1	...	1	2	2	4	81	97	178	69	83	152	5.5	1.9	3.7	2.9	2.4	2.6
1853	52	45	97	9	16	25	2	3	5	1	2	3	19	12	31	102	109	211	90	104	194	17.3	35.5	25.7	21.1	11.5	16.0
1854	41	47	88	8	14	22	5	3	8	...	...	...	26	25	51	104	114	218	104	112	216	19.5	29.8	25.0	25.0	22.3	23.6
1855	53	48	101	19	19	38	7	5	12	...	...	...	24	15	39	107	123	230	110	121	231	35.8	39.6	37.6	21.8	12.4	16.9
1856	41	39	80	12	14	26	1	...	1	2	...	2	17	13	30	116	135	251	114	130	244	29.3	35.9	32.5	14.9	10.0	12.3
1857 (a)	74	56	130	18	11	29	2	...	2	3	...	3	10	19	29	157	161	318	124	149	273	24.3	19.6	22.3	8.0	12.7	10.6
1858 (a)	40	52	92	12	19	31	4	2	6	1	...	1	15	13	28	165	179	344	159	171	330	30.0	36.5	33.7	9.4	7.6	8.5
1859 (a)	56	64	120	17	26	43	5	4	9	1	1	2	22	18	40	176	194	370	177	185	362	30.3	40.6	35.8	12.4	9.7	11.0
1860 (a)	61	71	132	18	20	38	13	7	20	20	...	20	27	23	50	159	215	374	168	206	374	29.5	28.2	28.8	16.0	11.1	13.3
1861	62	68	130	16	26	42	4	7	11	2	...	2	27	14	41	172	236	408	165	224	389	25.8	38.2	32.3	16.3	6.2	10.5
1862	64	54	118	22	24	46	3	4	7	3	...	3	24	21	45	184	241	425	181	236	417	34.3	44.4	39.0	13.2	8.9	10.8
1863 (b)	62	97	159	23	31	54	7	4	11	4	...	4	28	26	54	184	277	461	187	248	435	37.1	32.0	34.0	14.9	10.4	12.4
1864 (b, c)	67	103	170	26	22	48	5	3	8	1	1	2	34	36	70	185	318	503	187	312	499	38.8	21.3	28.2	18.1	11.5	14.0
1865 (b, c)	72	68	140	15	34	49	2	1	3	3	1	4	26	21	47	211	329	540	196	316	512	20.8	50.0	35.0	13.2	6.6	9.1
1866 (b, c)	76	79	155	18	28	46	1	13	14	...	12	12	30	23	53	238	332	570	221	337	558	23.7	35.4	29.6	13.5	6.8	9.5
1867 (d)	79	80	159	25	25	50	9	7	16	3	1	4	36	28	64	244	351	595	242	345	587	31.6	31.2	31.4	14.8	8.1	10.9
1868 (d)	87	69	156	21	28	49	2	5	7	3	6	9	44	27	71	261	354	615	254	349	603	24.1	40.6	31.4	17.3	7.6	11.7
1869 (e)	82	74	156	20	30	50	1	5	6	4	...	4	39	28	67	279	365	644	268	359	627	24.4	40.5	32.0	14.5	7.8	10.7
1870 (f)	62	112	174	23	33	56	3	15	18	3	18	21	47	32	79	265	379	644	275	366	641	37.1	29.4	32.2	17.0	8.7	12.3
1871 (f)	107	68	175	30	49	79	11	13	24	2	8	10	39	42	81	290	335	625	283	347	630	28.0	72.0	45.1	13.7	12.1	12.8
1872 (f, g)	79	95	174	31	36	67	4	2	6	3	2	5	35	26	61	296	364	660	296	349	645	39.2	37.9	38.5	11.8	7.4	9.4
1873 (g, h)	85	72	157	24	28	52	2	5	7	8	24	32	34	23	57	313	356	669	318	365	683	28.2	38.8	33.1	10.7	6.3	8.3
1874 (g, j)	106	74	180	25	27	52	6	5	11	2	...	2	34	21	55	352	377	729	331	366	697	23.6	36.5	28.9	10.2	5.7	7.9
1875 (k)	78	82	160	23	31	54	1	7	8	14	...	14	43	29	72	349	392	741	347	381	728	29.5	37.8	33.8	12.4	7.6	9.9
1876 (k)	90	85	175	27	39	66	14	4	18	...	...	...	54	33	87	344	401	745	351	388	739	30.0	45.9	37.7	15.4	8.5	11.8
1877 (l)	98	82	180	23	43	66	5	9	14	...	...	...	59	20	79	355	411	766	350	405	755	23.4	52.4	36.6	16.8	4.9	10.4
1878 (l)	72	70	142	22	35	57	21	7	28	24	...	24	51	17	68	309	422	731	351	416	767	30.5	50.0	40.1	14.5	4.0	8.8
1879	98	83	181	27	37	64	6	7	13	2	1	3	32	28	60	340	432	772	323	424	747	28.7	46.2	36.7	9.9	6.0	8.0
1880	80	83	163	23	43	66	5	5	10	2	...	2	43	48	91	347	419	766	343	423	766	30.6	53.1	42.3	12.5	11.3	11.8
1881	81	83	164	18	44	62	3	3	6	4	...	4	45	31	76	358	424	782	346	426	772	23.4	55.7	39.7	13.0	7.3	9.8
1882 (m)	80	77	157	21	29	50	11	5	16	27	6	33	40	28	68	339	433	772	345	427	772	26.9	40.8	33.5	11.5	6.5	8.8
1883 (n)	80	86	166	21	26	47	2	12	14	10	22	32	42	34	76	344	425	769	340	431	771	27.2	30.5	29.0	12.3	7.8	9.8
1884 (n)	85	87	172	33	34	67	4	3	7	4	5	9	45	25	70	343	445	788	347	432	779	40.2	40.9	40.6	12.9	5.7	8.9
1885	82	103	185	10	36	46	6	1	7	3	4	7	50	42	92	356	465	821	344	450	794	19.6	49.9	37.3	14.5	9.3	11.5
1886 (o)	101	90	191	28	21	49	2	1	3	2	...	2	61	56	117	364	477	841	372	481	853	24.5	35.5	38.2	16.3	11.6	13.7
1887 (o)	83	83	166	23	31	54	1	1	2	4	2	6	41	27	68	378	499	877	377	492	869	29.8	38.7	34.3	10.8	5.4	7.8
1888	81	82	163	21	42	63	4	7	11	27	32	59	34	34	68	373	466	839	384	498	882	30.0	53.8	42.5	8.8	6.8	7.7
1889	113	86	199	26	27	53	3	4	7	7	5	12	43	26	69	407	490	897	394	482	876	25.0	34.6	29.1	10.9	5.3	7.8
1890 (p)	99	102	201	24	44	68	4	7	11	31	4	35	45	27	72	402	510	912	403	500	903	26.0	46.3	36.3	11.1	5.4	7.9
1891 (q)	78	108	186	32	41	73	11	6	17	32	1	33	41	16	57	364	554	918	383	536	919	43.8	40.5	41.9	10.7	2.9	6.2
1892 (r)	124	82	206	23	33	56	13	7	20	24	48	72	46	29	75	382	519	901	369	513	882	25.2	40.7	32.5	12.4	5.6	8.5
1893 (s)	134	112	246	27	37	64	2	2	4	3	1	4	41	31	72	443	560	1003	411	544	955	36.5	46.2	41.5	9.9	5.7	7.5
1894 (s)	92	97	189	27	42	69	3	6	9	...	1	1	51	45	96	454	563	1017	444	561	1005	31.7	45.1	38.7	11.4	8.0	9.5
1895 (s)	99	102	201	32	32	64	2	5	7	32	1	33	38	38	76	449	589	1038	453	573	1026	34.4	33.6	34.0	8.3	6.0	7.4
1896	94	121	215	35	39	74	7	3	10	2	30	32	45	49	94	454	589	1043	451	589	1040	38.4	34.5	36.2	9.9	8.3	9.0
1897	105	104	209	23	40	63	6	4	10	4	1	5	44	31	75	482	617	1099	470	601	1071	23.7	40.8	32.3	9.3	5.1	7.0
1898	98	108	206	25	32	57	2	3	5	2	5	7	50	56	106	501	629	1130	479	617	1096	27.4	31.6	29.6	10.4	9.0	9.6
1899	105	120	225	37	50	87	3	8	11	10	20	46	45	91	510	636	1146	500	637	1137	37.1	43.4	40.5	9.2	7.0	8.0	
1900	129	118	247	42	37	79	7	1	8	5	4	9	57	71	128	528	641	1169	516	628	1144	32.0	33.6	32.7	11.0	11.3	11.1
1901	113	133	246	48	49	97	5	8	13	8	9	17	55	53	108												



TABLE IV.

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Showing the History of the Annual Admissions since the opening of the Asylum, 11th August, 1852, with the Discharges and Deaths, and the number of each Year's Admissions remaining on the 31st December, 1902.

Years.	Admitted.					Of each Year's Admissions Discharged and Died during 1902.												Total Discharged and Died of each Year's Admissions.												Remaining of each Year's Admissions, 31st December, 1902.				
	New Cases.		Re-lapsed Cases.		Total.	Recovered.			Relieved.			Not Improved.			Died.			Recovered.			Relieved.			Not Improved.			Died.							
	M.	F.	M.	F.		M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.					
1852	91	101	0	0	192	...	...	...	...	...	...	...	...	...	2	2	15	14	29	5	6	11	5	2	7	64	76	140	2	3	5			
1853	51	43	1	2	97	...	...	...	...	...	...	...	...	...	...	...	11	17	28	5	3	8	2	2	4	33	23	56	1	...	1			
1854	38	44	3	3	88	...	...	...	...	...	...	...	...	...	...	...	13	22	35	8	4	12	...	1	1	20	20	40	...	...	...			
1855	47	45	6	3	101	...	...	...	...	...	...	...	...	...	...	...	20	16	36	4	4	8	1	...	1	28	27	55	...	1	1			
1856	36	36	5	3	80	...	...	...	...	...	...	...	...	...	...	...	11	11	22	1	1	2	3	1	4	26	25	51	...	1	1			
1857	72	55	2	1	130	...	...	...	...	...	...	...	...	...	...	...	18	17	35	15	4	19	19	...	19	22	35	57	...	...	...			
1858	38	47	2	5	92	...	...	...	...	...	...	...	...	...	...	...	9	23	32	4	1	5	1	...	1	26	27	53	...	1	1			
1859	50	61	6	3	120	...	...	...	...	...	...	...	...	...	...	...	19	22	41	8	4	12	4	2	6	25	34	59	...	2	2			
1860	59	63	2	8	132	...	...	...	...	...	...	...	...	...	...	...	21	29	50	2	7	9	2	...	2	35	34	69	1	1	2			
1861	56	63	6	5	130	...	...	...	...	...	...	...	...	...	...	...	23	27	50	5	6	11	4	...	4	29	33	62	1	2	3			
1862	60	47	4	7	118	...	...	...	...	...	...	...	...	...	...	...	17	26	43	3	2	5	2	...	2	41	25	66	1	1	2			
1863	57	85	5	12	159	...	...	...	...	...	...	...	...	...	1	1	18	33	51	6	15	21	2	14	16	36	32	68	...	3	3			
1864	60	89	7	14	170	...	...	...	...	...	...	...	...	...	...	...	22	24	46	7	16	23	5	21	26	32	33	70	1	4	5			
1865	61	57	11	11	140	...	...	...	...	...	...	...	...	...	...	...	19	28	47	4	3	7	2	3	5	47	32	79	...	2	2			
1866	66	65	10	14	155	...	...	...	...	...	...	...	...	...	...	...	24	34	58	4	5	9	2	2	4	43	34	77	3	4	7			
1867	70	70	9	10	159	...	...	...	...	...	...	...	...	...	2	...	24	22	46	2	10	12	4	9	13	45	39	84	4	...	4			
1868	82	60	5	9	156	...	...	...	...	...	...	...	...	...	...	...	22	29	51	3	5	8	8	...	8	52	34	86	2	1	3			
1869	77	60	5	14	156	...	...	...	...	...	...	...	...	...	...	...	18	32	50	3	7	10	4	4	8	53	26	79	4	5	9			
1870	52	100	10	12	174	...	...	...	...	...	...	1	1	1	2	3	22	43	65	2	3	5	2	20	22	34	36	70	2	10	12			
1871	102	53	5	15	175	...	...	...	...	...	...	...	...	...	...	...	41	39	80	3	3	6	3	4	7	58	20	78	2	...	4			
1872	68	77	11	18	174	...	...	...	...	...	...	...	...	...	...	...	29	45	74	1	6	7	15	4	19	32	33	65	2	7	9			
1873	76	59	9	13	157	...	...	...	...	...	...	...	...	...	1	...	19	28	47	4	4	8	9	7	16	47	27	74	6	6	12			
1874	94	62	12	12	180	...	...	...	...	...	...	...	...	...	...	...	25	28	53	11	10	21	11	3	14	53	28	81	6	5	11			
1875	70	67	8	15	160	...	...	...	...	...	...	1	1	...	...	...	23	35	58	7	6	13	8	8	16	35	23	63	5	5	10			
1876	82	68	8	17	175	...	...	...	...	...	...	...	...	...	2	1	24	34	58	12	6	18	4	4	8	44	35	79	6	6	12			
1877	84	67	14	15	180	...	...	...	...	...	...	1	1	...	...	...	18	46	64	13	9	22	15	3	18	46	22	68	6	2	8			
1878	64	54	8	16	142	...	...	...	...	...	...	...	...	...	...	...	23	30	53	5	5	10	3	1	4	40	30	70	1	4	5			
1879	90	67	8	16	181	...	...	...	...	...	...	...	...	...	...	...	30	45	75	10	6	16	10	3	13	39	22	61	9	7	16			
1880	73	66	7	17	163	...	...	...	...	...	...	1	1	...	...	...	16	37	53	4	3	7	7	4	11	48	34	82	5	5	10			
1881	73	68	8	15	164	...	...	...	...	...	...	1	1	...	...	...	26	33	59	7	2	9	10	5	15	33	35	68	5	8	13			
1882	72	61	8	16	157	...	...	...	...	...	...	...	...	...	1	1	18	31	49	4	9	13	7	3	10	44	24	68	7	10	17			
1883	72	73	8	13	166	...	...	...	...	...	...	...	...	...	1	1	27	28	55	3	7	10	5	8	13	39	33	72	6	10	16			
1884	78	73	7	14	172	...	...	...	...	...	...	2	2	...	...	...	23	40	63	5	2	7	6	5	11	45	30	75	6	10	16			
1885	49	65	33	38	185	...	...	...	...	...	...	1	1	1	...	...	1	16	29	45	4	2	6	11	7	18	43	51	94	8	14	22		
1886	93	79	8	11	191	...	...	...	...	...	...	...	...	...	...	...	1	22	18	40	3	...	3	28	30	58	42	33	75	6	9	15		
1887	74	68	9	15	166	...	...	...	...	...	...	3	3	1	...	...	1	29	39	68	1	6	7	11	6	17	32	22	54	10	10	20		
1888	63	74	13	8	163	...	...	...	...	...	...	1	1	1	...	...	1	19	34	53	6	5	11	13	9	22	34	21	55	9	13	22		
1889	104	76	9	10	199	...	...	...	...	...	...	3	3	...	...	...	34	36	70	7	5	12	18	11	29	43	27	70	11	7	18			
1890	93	88	6	14	201	...	...	...	...	...	...	2	2	2	2	2	29	39	68	10	3	13	13	14	27	41	26	67	6	20	26			
1891	67	88	11	20	186	...	...	...	...	...	...	2	2	2	2	4	19	42	61	9	5	14	7	7	14	32	38	70	11	16	27			
1892	84	63	40	19	206	...	...	...	...	...	...	2	2	3	1	4	24	31	55	3	6	9	27	25	52	54	36	90	26	14	40			
1893	93	99	41	13	246	...	...	...	...	...	...	2	2	1	1	2	34	41	75	2	4	6	5	7	12	30	27	57	21	18	39			
1894	76	78	16	19	189	...	...	...	...	...	...	1	1	1	2	3	33	42	75	5	3	8	1	11	12	40	22	62	20	24	44			
1895	87	94	12	8	201	...	...	...	...	...	...	6	6	2	1	3	33	42	75	5	3	8	1	11	12	40	22	62	20	24	44			
1896	81	103	13	18	215	...	...	...	...	...	...	3	3	2	...	...	25	45	70	7	4	11	2	4	6	41	43	84	19	25	44			
1897	90	89	15	15	209	...	...	...	...	...	...	2	2	2	2	4	31	36	67	7	5	12	8	5	13	33	23	56	26	35	61			
1898	92	89	6	19	206	...	...	...	...	...	...	1	1	2	...	...	4	4	5	...	...	...	...	...	...	41	22	63	25	32	57			
1899	98	112	7	8	225	...	...	...	...	...	...	2	2	2	5	5	10	36	35	72	2	5	7	7	8	15	30	30	60	30	41	71		
1900	115	101	14	17	247	...	...	...	...	...	...	3	3	7	5	12	53	33	86	6	3	9	5	8	13	35	23	58	30	51	81			
1901	98	112	15	21	246	18	33	51	3	...	...	3	3	5	9	6	15	30	52	82	5	3	8	7	8	15	20	14	34	51	56	107		
1902	104	124	10	28	266	15	20	35	4	2	6	7	3	10	17	14	31	15	20	35	4	2	6	7	3	10	17	14	31	71	113	184		
Total	3787	3708	498	649	8642	39	57	96	9	6	15	9	52	61	65	51	116	1197	1613	2810	263	255	518	362	320	682	1946	1528	3474	517	641	1158		









TABLE VI.

*Showing the Length of Residence in those Discharged Recovered,  
and in those who have Died, during the Year 1902.*

PERIOD OF RESIDENCE.	RECOVERED.			DIED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 week .....	...	...	...	1	...	1
Under 1 month.....	1	1	2	4	3	7
1 month and under 3 months.....	4	1	5	4	4	8
3 months    "    6    " .....	13	16	29	6	5	11
6    "       "    9    " .....	7	18	25	3	4	7
9    "       "   12   " .....	7	11	18	3	2	5
1 year       "    2 years .....	3	6	9	9	5	14
2 years       "    3    " .....	1	1	2	7	5	12
3    "       "    5    " .....	2	1	3	8	4	12
5    "       "    7    " .....	1	1	2	3	...	3
7    "       "   10   " .....	...	1	1	5	5	10
10   "       "   12   " .....	...	...	...	3	4	7
12   "       "   15   " .....	...	...	...	1	2	3
15   "       "   20   " .....	...	...	...	2	1	3
20   "       "   25   " .....	...	...	...	...	1	1
25   "       "   30   " .....	...	...	...	3	1	4
30   "       "   35   " .....	...	...	...	1	2	3
35   "       "   40   " .....	...	...	...	2	1	3
40   "       "   45   " .....	...	...	...	...	...	...
45   "       "   50   " .....	...	...	...	...	2	2
Total .....	39	57	96	65	51	116



TABLE VII.  
*Showing the Duration of the Disorder on Admission in the Admissions, Discharges,  
 and Deaths during the year 1902.*

CLASS.	ADMISSIONS.			DISCHARGES.						DEATHS.		
				RECOVERED.			RELIEVED OR NOT IMPROVED.					
				Males.	Females.	Total.	Males.	Females.	Total.			
<i>First Class.</i> —First attack, and within 3 months on admission ... ..	42	58	100	20	27	47	3	10	13	23	11	34
<i>Second Class.</i> —First attack, above 3 and within 12 months on admission ... ..	26	29	55	3	4	7	3	11	14	15	6	21
<i>Third Class.</i> —Not first attack, and within 12 months on admission ... ..	18	39	57	9	17	26	2	14	16	3	8	11
<i>Fourth Class.</i> —First attack or not, but of more than 12 months on admission... ..	7	14	21	1	3	4	2	11	13	11	12	23
<i>Fifth Class.</i> —Congenital ... ..	8	6	14	...	...	...	...	5	5	8	8	16
Unknown ... ..	13	6	19	6	6	12	8	7	15	5	6	11
Total ... ..	114	152	266	39	57	96	18	58	76	65	51	116

TABLE VIII.  
*Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the year 1902, and those remaining on 31st December, 1902.*

Ages.	Admissions.			Recovered.			Deaths.			Patients Resident 31st Dec., 1902.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Under 5 years ...	...	...	...	...	...	...	...	...	...	...	...	...
5 years and under 10 years	...	...	...	...	...	...	...	...	...	...	...	...
10 years and under 15 years	...	...	...	...	...	...	...	...	...	...	...	...
15 years and under 20 years	...	...	...	...	...	...	...	...	...	...	...	...
20 years and under 25 years	...	...	...	...	...	...	...	...	...	...	...	...
25 years and under 30 years	...	...	...	...	...	...	...	...	...	...	...	...
30 years and under 35 years	...	...	...	...	...	...	...	...	...	...	...	...
35 years and under 40 years	...	...	...	...	...	...	...	...	...	...	...	...
40 years and under 45 years	...	...	...	...	...	...	...	...	...	...	...	...
45 years and under 50 years	...	...	...	...	...	...	...	...	...	...	...	...
50 years and under 55 years	...	...	...	...	...	...	...	...	...	...	...	...
55 years and under 60 years	...	...	...	...	...	...	...	...	...	...	...	...
60 years and under 65 years	...	...	...	...	...	...	...	...	...	...	...	...
65 years and under 70 years	...	...	...	...	...	...	...	...	...	...	...	...
70 years and under 75 years	...	...	...	...	...	...	...	...	...	...	...	...
75 years and under 80 years	...	...	...	...	...	...	...	...	...	...	...	...
80 years and under 85 years	...	...	...	...	...	...	...	...	...	...	...	...
85 years and under 90 years	...	...	...	...	...	...	...	...	...	...	...	...
90 years and under 95 years	...	...	...	...	...	...	...	...	...	...	...	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...
Total	114	152	266	39	57	96	65	51	116	517	641	1158
Mean Age	41.1	40.3	40.6	39.7	37.4	38.3	49.0	57.3	52.7	44.9	47.6	46.4



TABLE IX.

*Showing the Condition as to Marriage in the Admissions, Recoveries, and Deaths during the year 1902, and of Patients Resident 31st December, 1902.*

Condition in reference to Marriage.			Admissions.			Discharged. Recovered.			Deaths.			Patients† Resident, December 31st.		
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Single	...	...	39	68	107	16	25	41	27	28	55	...	...	...
Married	...	...	62	66	128	21	29	50	31	11	42	...	...	...
Widowed	...	...	6	15	21	2	3	5	7	12	19	...	...	...
Idiots	...	...	4	3	7	...	...	...	...	...	...	...	...	...
Unknown	...	...	3	...	3	...	...	...	...	...	...	...	...	...
Total	...	...	114	152	266	39	57	96	65	51	116	...	...	...

† This information is not given owing to the impossibility of supplying it accurately.

TABLE X.

*Showing the Probable Causes of the Insanity in the Patients  
Admitted during the Year 1902.*

CAUSES OF INSANITY.	Number of Instances in which each cause was assigned.†			Proportion (per cent). to the total number of Patients ad- mitted during the Year.		
	M.	F.	T.	M.	F.	T.
<b>MORAL.</b>						
Domestic Trouble (including loss of relatives and friends) .....	3	5	8	2.6	3.2	3.0
Adverse Circumstances (including Business Anxieties and Pecuniary Difficulties) .....	6	1	7	5.2	.6	2.6
Mental Anxiety and Worry (not included under the above two heads), and Over-work .....	5	1	6	4.3	.6	2.2
Religious Excitement .....	...	...	...	...	...	...
Love Affairs (including Seduction) .....	1	1	2	.8	.6	.7
Fright and Nervous Shock .....	...	2	2	...	1.3	.7
<b>PHYSICAL.</b>						
Old Age .....	5	12	17	4.3	7.8	6.3
Epilepsy .....	7	16	23	6.1	10.5	8.6
General Paralysis .....	8	...	8	7.0	...	3.0
Fevers .....	...	...	...	...	...	...
Other Bodily Diseases or Disorders .....	5	8	13	4.3	5.2	4.8
Accident or Injury .....	5	3	8	4.3	1.9	3.0
Privation and Starvation .....	1	...	1	.8	...	.3
Over-exertion .....	...	...	...	...	...	...
Sunstroke .....	2	...	2	1.7	...	.7
Puberty .....	...	...	...	...	...	...
Change of Life .....	...	1	1	...	.6	.3
Lactation .....	...	...	...	...	...	...
Pregnancy .....	...	1	1	...	.6	.3
Parturition and the Puerperal State .....	...	10	10	...	6.5	3.7
Uterine and Ovarian Disorders .....	...	...	...	...	...	...
Congenital Defect .....	8	6	14	7.0	3.9	5.2
Hereditary Influence .....	11	13	24	9.6	8.5	9.0
Family Predisposition (not direct Heredity) ..	12	38	50	10.5	25.0	18.7
Intemperance in Drink .....	10	3	13	8.7	1.9	4.8
"    Sexual .....	...	...	...	...	...	...
Venereal Disease .....	1	...	1	.8	...	.3
Self-abuse, Sexual .....	...	...	...	...	...	...
Previous Attacks .....	17	39	56	14.9	25.6	21.0
Other ascertained causes .....	...	...	...	...	...	...
Unknown .....	38	30	68	33.3	19.7	25.5

† These are the entire number of instances in which the several causes (either alone or in combination with other causes) were stated to have produced the mental disorder. The aggregate of these totals (including "Unknown"), of course, exceeds the whole number of Patients admitted; the excess is owing to the combinations.



TABLE XI.

*Showing the Form of Mental Disorder in the Admissions, Recoveries, and Deaths of the year 1902, and the form of Mental Disorder of the Inmates on 31st December, 1902.*

FORM OF MENTAL DISORDER.	ADMISSIONS.			RECOVERIES.			DEATHS.			REMAINING IN ASYLUM.		
	M	F	T	M	F	T	M	F	T	M	F	T
Congenital or Infantile Mental Deficiency												
" a with Epilepsy ... ..	2	3	5	...	...	...	3	4	7	30	30	60
" b without Epilepsy ... ..	6	3	9	...	...	...	5	4	9	51	42	93
Depending upon acquired Epilepsy...	5	13	18	3	1	4	8	3	11	73	76	149
Depending upon General Paralysis ...	8	...	8	...	...	...	8	...	8	10	1	11
Mania ... ..	54	62	116	25	26	51	19	19	38	203	289	492
Melancholia ... ..	20	51	71	10	25	35	8	8	16	49	83	132
Dementia ... ..	19	20	39	1	5	6	14	13	27	98	116	214
On Trial ... ..	...	...	...	...	...	...	...	...	...	3	4	7
Total ... ..	114	152	266	39	57	96	65	51	116	517	641	1158

TABLE XII.

*Showing the Station or Occupation of Patients admitted  
during the Year 1902.*

MALES.		FEMALES.	
Auctioneer .....	1	Artificial Flydresser .....	1
Bricklayer .....	1	Assistant to China Merchant .....	1
Boarding House Keeper .....	1	China Scourer.....	1
Boatman .....	1	Cooks .....	2
Bakers and Confectioners .....	5	Charwomen .....	2
Basketmaker .....	1	Domestic Servants.....	24
Congregational Ministers.....	2	Field Workers.....	2
Chainmaker .....	1	Factory Hands .....	6
Carpenters .....	6	Governesses.....	2
Corn Miller.....	1	Housewives .....	60
Clerk .....	1	Housekeepers .....	4
Carpet Weavers .....	3	Hospital Nurse .....	1
China Decorator.....	1	Machinist .....	1
Cab Proprietor .....	1	Nailmakers .....	4
Commission Agents .....	2	Needlemaker .....	1
Drapers .....	2	School Teachers.....	5
Engineer .....	1	Shop Assistants .....	2
Farmers .....	3	Warehouse Woman .....	1
Fishing Rod Maker .....	1	None .....	29
Fork Drawer at Steel Works .....	1	Idiots .....	3
Fish Hook Filer.....	1		
Fendermaker .....	1		
Gardeners .....	4		
Gun Viewer .....	1		
General Dealer .....	1		
Grocer .....	1		
Hairdresser .....	1		
Hotel Keepers.....	2		
Hawkers .....	2		
Iron Turner.....	1		
Labourers .....	19		
Labourers (Agricultural) .....	8		
Manufacturer .....	1		
Miner .....	1		
Policeman .....	1		
Painters and Glaziers .....	4		
Porter (Railway).....	1		
Stokers.....	2		
Schoolmaster .....	1		
Solicitors .....	2		
Sinker .....	1		
Soldiers .....	2		
Saddler.....	1		
Tailor .....	1		
Tinman .....	1		
Vicemakers .....	2		
Wheelmakers .....	2		
Works Manager.....	1		
Unknown .....	1		
None.....	6		
Idiots .....	5		
Total .....	114	Total .....	152



TABLE XIII.

*Showing the number of Admissions, Discharges, and Deaths  
in each Month of the Year 1902.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
January .....	5	19	24	7	5	12	3	5	8
February .....	14	5	19	6	3	9	7	7	14
March .....	6	12	18	5	6	11	11	3	14
April .....	14	17	31	2	4	6	2	2	4
May .....	12	8	20	5	7	12	7	7	14
June .....	11	3	14	4	8	12	2	5	7
July .....	10	12	22	3	4	7	2	1	3
August .....	15	10	25	2	4	6	6	1	7
September .....	10	20	30	9	12	21	4	2	6
October.....	9	21	30	1	2	3	5	5	10
November .....	4	9	13	8	7	15	7	5	12
December.....	4	16	20	5	53	58	9	8	17
Totals.....	114	152	266	57	115	172	65	51	116

TABLE XIV.

*Showing the Condition of those Admitted in reference to Education.*

	Males.	Females.	Total.
Good or Fair Education.....	10	5	15
Can Read and Write .....	80	117	197
Can Read only .. .....	2	6	8
Can neither Read nor Write.....	9	18	27
Idiots.....	8	6	14
Unknown .....	5	...	5
Total .....	114	152	266

TABLE XV.

*Showing the Religious Persuasion of those Admitted.*

	Males.	Females.	Total.
Church of England.....	83	114	197
Roman Catholics .....	3	3	6
Wesleyans and Methodists .....	12	16	28
Baptists .....	3	5	8
Congregationalists .....	4	2	6
Plymouth Brethren .....	...	2	2
Countess of Huntingdon's Connexion .....	...	1	1
Jew .....	1	...	1
Society of Friends .....	...	3	3
Idiots .....	8	6	14
Total .....	114	152	266



# TABLE XVII

Summary of results of the investigation of the effect of the concentration of the solution on the rate of reaction.

Concentration of solution, M	Rate of reaction, M/min	Order of reaction
0.1	0.0012	1
0.2	0.0024	1
0.3	0.0036	1
0.4	0.0048	1
0.5	0.0060	1
0.6	0.0072	1
0.7	0.0084	1
0.8	0.0096	1
0.9	0.0108	1
1.0	0.0120	1

# TABLE XVIII

Summary of results of the investigation of the effect of the concentration of the solution on the rate of reaction.

Concentration of solution, M	Rate of reaction, M/min	Order of reaction
0.1	0.0012	1
0.2	0.0024	1
0.3	0.0036	1
0.4	0.0048	1
0.5	0.0060	1
0.6	0.0072	1
0.7	0.0084	1
0.8	0.0096	1
0.9	0.0108	1
1.0	0.0120	1

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MAINTENANCE ACCOUNT,  
DIETARY TABLES,  
AND  
MISCELLANEOUS RETURNS.  
1902-3.

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# County and City of Worcester Lunatic Asylum.

## MAINTENANCE ACCOUNT.

*General Statement of the Receipts and Payments from the  
1st day of April, 1902, to the 31st day of March, 1903.*

### RECEIPTS.

From Unions within the contributory County and City of Worcester, viz. :—	£.	s.	D.	£.	s.	D.
Alcester .....	491	3	0			
Bromsgrove .....	1,889	2	1			
Cleobury Mortimer .....	101	12	5			
Droitwich .....	1,682	6	5			
Dudley .....	2,357	18	4			
Evesham .....	812	16	10			
Kidderminster .....	2,606	4	5			
King's Norton .....	1,538	17	9			
Ledbury .....	50	5	10			
Martley .....	852	17	8			
Newent .....	55	13	4			
Pershore .....	897	5	4			
Shipston-on-Stour .....	366	3	7			
Solihull .....	912	16	4			
Stourbridge .....	2,980	4	2			
Stow-on-the-Wold .....	20	18	4			
Stratford-on-Avon .....	21	11	2			
Tenbury .....	409	11	9			
Tewkesbury .....	125	10	0			
Upton-on-Severn .....	1,690	17	3			
West Bromwich .....	1,285	9	10			
Worcester .....	2,906	15	9	24,056	1	7
From non-contributory Unions and Parishes, viz. :—						
Amphill .....	1	18	0			
Aston .....	1	12	0			
Birmingham .....	6	4	0			
Burton-on-Trent .....	4	10	0			
Coventry .....		16	0			
Edmonton .....	9	2	0			
Monmouth .....	9	1	6			
Stourbridge .....	2	6	0			
West Bromwich .....	2	12	0	38	1	6
From Treasurer of the Council for the County of Worcester for patients adjudged chargeable thereto.....				42	4	4
From Treasurer of the County Council, under Section 269 (9) of the Lunacy Act, 1890 .....				30	4	5
From Treasurer of the City Council, under Section 269 (9) of the Lunacy Act, 1890 .....				3	15	7
Carried forward .....				24,170	7	5

# RECEIPTS—(Continued).

	£	s.	d.	£	s.	d.
Brought forward.....				24,170	7	5
Private Patients .....				1,454	10	4
Prison Commissioners.....				39	4	0
Sums received for goods sold, viz. :—						
Farm and Garden.....	530	16	2			
Kitchen Stuff and Old Stores.....	10	3	10			
Sundries .....	297	15	2			
				838	15	2
Total .....				26,502	16	11



# PAYMENTS.

SALARIES AND WAGES.			£.	s.	D.
Officers .....	2,911	18	5		
Servants .....	4,415	5	0		
				7,327	3 5
PROVISIONS.					
Ale .....	4	15	0		
Bacon .....	695	8	0		
Barley, Pearl.....	7	0	0		
Barm .....	41	16	0		
Beans, Haricot .....	21	1	6		
Beer Duty .....	19	6	8		
Butter .....	463	13	6		
Cheese.....	176	9	0		
Chicory .....	14	12	3		
Coffee .....	117	12	0		
Cornflour .....	1	15	0		
Eggs .....	47	12	0		
Figs .....	1	3	3		
Fish.....	318	19	6		
Flour .....	1,517	5	0		
Ginger Beer .....	7	14	4		
Golden Syrup ... ..	27	19	11		
Lard.....	15	12	6		
Malt .....	27	16	3		
Meat:—Preserved.....	367	13	1		
„ Fat Stock, purchased.....	1,501	3	0		
Milk, Condensed .....	381	18	9		
Mustard .....	16	5	6		
Oatmeal .....	6	1	1		
Onions .....	3	1	6		
Oranges and Lemons .....	11	13	4		
Pepper .....	4	0	10		
Potatoes .....	125	3	9		
Poultry .....	11	10	0		
Raisins and Currants .....	209	17	1		
Rice.....	15	13	7		
Salt .....	10	7	8		
Sauce .....	2	15	6		
Spices .....	9	1	5		
Split Peas .....	59	9	7		
Sugar .....	362	7	6		
Tea .....	273	10	8		
Vinegar .....	17	11	2		
				6,916	16 8
WINES AND SPIRITS.					
Wines.....	16	9	0		
Spirits .....	45	8	0		
				61	17 0
Carried forward .....				14,305	17 1

## PAYMENTS (Continued).

	£.	s.	D.	£	s.	D.
Brought forward .....				14,305	17	1
FARM AND GARDEN.						
Advertising .....		2	0			
Bailitt's Expenses, Markets, &c.....	6	15	3			
Beans .....	28	0	0			
Blacksmith.....	18	16	10			
Boiler Insurance .....	1	12	0			
Bran .....	56	11	3			
Brooms .....	1	16	0			
Brushes .....	3	9	6			
Bull .....	31	10	0			
„ Fees .....	2	8	0			
Bullocks.....	509	19	6			
Candles, Carriage.....		5	0			
Carriage of Goods.....	4	3	4			
Cart Grease .....		7	6			
Carter's Expenses .....	4	12	6			
Cartridges .....	1	14	0			
Carts, Repairing .....	2	12	6			
Castrator.....	3	3	9			
Commission, Live Stock Bought .....	19	2	0			
Compensation for Damage.....		6	0			
Cord, Tarred .....		10	0			
Cows .....	75	0	0			
Cream Steins.....		10	0			
Cultivator, Steam, Hire of .....	21	14	0			
Eggs for Sitting .....	1	6	0			
Fire Insurance .....	11	10	2			
Fruit Trees, Pruning .....		6	0			
Grains.....	29	18	4			
Harness .....	3	12	6			
„ Oil .....		13	0			
„ Repairing .....	9	0	3			
Harrows .....	3	0	0			
Horse .....	40	0	0			
„ Fees .....	6	6	0			
„ Hire .....	4	10	0			
Hoisting Blocks .....	2	11	6			
Implements .....	8	4	3			
„ Repairing.....	24	4	5			
Ironmongery .....	1	15	6			
Land Tax, Redemption of .....	48	0	0			
Licenses for Servants, Carts, &c. ....	4	5	0			
Linseed and Cotton Cake .....	253	13	4			
Maize .....	55	15	0			
Manures .....	122	15	10			
Mill Stones, Dressing .....		18	0			
Mittens .....		7	0			
Moss Litter .....	2	3	8			
Oil Sheets, Repairing .....		13	7			
Petroleum .....		1	7			
Pig Troughs .....	3	12	0			
Potato Sorting Machine .....	7	15	0			
Poultry .....	2	6	0			
Rams .....	8	8	0			
Rates and Taxes, Imperial .....	39	2	5			
„ Poor and District .....	66	19	0			
„ Tithe .....	63	16	0			
Reaping Twine .....	6	1	4			
Carried forward.....	1,628	11	7	14,305	17	1



## PAYMENTS (Continued).

	£.	s.	D.	£.	s.	D.
Brought forward .....	1,628	11	7	14,305	17	1
Rent .....	585	5	1			
Rugs .....	1	9	0			
Sacks, Repairing .....	1	2	0			
Seeds .....	90	0	9			
Sharps .....	58	15	3			
Sheep .....	152	18	6			
„ Shearing .....		17	9			
Subscriptions to Madresfield Agricultural Club .....	2	0	0			
Timber .....	9	7	10			
Travelling .....		2	0			
Veterinary Surgeon and Medicine .....	25	3	9			
Wash Cows .....	10	10	0			
Watering Cans .....	4	4	0			
Waterproof .....	1	12	6			
Wire Fencing .....	3	3	2			
„ Netting .....	1	10	6			
„ Strainer .....	1	17	6			
Workmen's Insurance .....	1	6	8			
Wages, Bailiff and Wife .....	121	5	0			
„ Servants .....	643	6	10			
				3,344	9	8
CLOTHING.						
Bonnets .....	7	5	0			
Boots .....	223	16	3			
Boot Laces .....	7	19	4			
Buttons .....	7	10	0			
Calico, Lining .....	36	8	3			
Capes, Oilskin .....	18	2	6			
„ Women's .....	11	12	0			
Caps for Aged Patients .....		16	0			
Cotton, Knitting .....	3	10	0			
Dowls .....	91	3	2			
Dress Material .....	121	1	8			
Flannel .....	48	14	0			
Forfar .....	17	12	8			
Hats, Straw .....	2	3	3			
Hose .....	109	9	11			
Jackets, Moleskin .....	111	0	0			
„ Khaki .....	11	13	4			
Leather and Grindery .....	98	12	8			
Pocket Handkerchiefs .....	8	19	8			
Presents to Patients .....	6	0	10			
Ribbon .....	4	4	0			
Serge .....	100	14	10			
Shawls .....	64	5	0			
Stays .....	7	16	1			
Strap Locks .....	4	10	0			
Tape .....	25	11	4			
Thread .....	21	8	5			
Trousers, Cord .....	90	12	6			
„ Flax Drill .....	14	2	8			
„ Tweed .....	51	0	0			
Umbrellas, Repairing .....	0	7	6			
Vests, Tweed .....	24	18	2			
Wages, Shoemakers .....	131	14	10			
„ Tailors .....	132	3	0			
				1,616	18	10
Carried forward .....				19,267	5	7

## PAYMENTS (Continued).

	£.	s.	d.	£.	s.	d.
Brought forward .....				19,267	5	7
ATTENDANTS' UNIFORM.						
Males .....	199	5	8			
Females .....	173	8	10			
				372	14	6
NECESSARIES.						
Baskets .....		7	3			
Bath Bricks .....	1	7	0			
Bees' Wax .....	34	6	0			
Blacking .....	2	13	0			
Black Lead .....	1	7	0			
Blue .....	9	9	0			
Boiler Solution .....	4	2	0			
Brushes .....	82	3	10			
Candles .....	4	3	1			
Chambers, India Rubber .....	10	2	6			
Coal—Cannel and Wigan Gas .....	878	10	3			
„ Best House .....	109	2	3			
„ Hard Cobbles .....	326	11	7			
„ Screened Nuts .....	1,366	16	1			
„ Smith's Breeze .....	1	3	5			
Cooperage .....	8	11	0			
Cutlery .....	17	6	4			
Earthenware .....	101	1	8			
Filters and Charges .....	22	19	8			
Gas Globes .....	3	8	9			
Glass Tumblers .....	4	0	0			
House Flannel .....	88	15	0			
Ironmongery .....	52	11	7			
Lime for Gas Works .....	38	11	8			
Mangle Cloth .....	3	7	6			
Matches .....	2	11	0			
Oils .....	26	18	6			
Soaps .....	299	9	11			
Soda .....	30	5	0			
Spoons, Horn .....	12	18	0			
Starch .....	16	6	7			
Sugar Paper, Waste Paper, &c. ....	19	18	10			
Tapers .....	3	14	8			
Thermometers, Repairing ..	5	0	0			
Turpentine .....	60	12	5			
Wages, Gas Stokers .....	95	4	10			
„ Laundresses .....	99	7	0			
„ Laundry Men .....	117	0	0			
„ Water Supply Man .....	51	19	7			
				4,014	3	9
SURGERY AND DISPENSARY.						
Disinfectants .....	23	8	1			
Drugs .....	280	11	4			
Instruments .....	11	14	3			
				315	13	8
Carried forward .....				23,969	17	6



PAYMENTS (*Continued.*)

	£	s.	D.	£	s.	D.
Brought forward .....				23,969	17	6
FURNITURE AND BEDDING.						
Bagatelle Rubber .....	5	17	11			
Bedsteads .....	15	12	0			
Bed Ticking .....	24	16	10			
Blankets .....	143	3	8			
Blind Cord .....	2	9	6			
Carpet .....	27	6	0			
Chairs, Repairing .....	1	7	6			
Chintz .....	6	11	9			
Clocks, Winding and Repairing .....	20	0	0			
Cloth Cuttings .....	1	11	0			
Counterpanes .....	1	10	0			
Curtains .....	1	13	0			
Dowlas .....	77	6	8			
Flocks .....	5	12	0			
Huckaback .....	57	11	9			
Leather, American .....	3	16	6			
„ Book Case .....		7	10			
Matting .....	4	7	9			
Mattress Twine .....	2	17	6			
Mirror .....		4	6			
Polish .....	2	11	0			
Sea Grass .....	2	19	4			
Sheeting—Forfar .....	61	14	3			
„ Macintosh .....	46	8	6			
„ Twilled Calico .....	162	18	8			
Wages, Upholsterer .....	65	4	4			
				745	19	9
MISCELLANEOUS.						
Advertising .....	20	3	3			
Allowance to Attendants for Special Services .....	25	0	0			
Amusements .....	63	14	7			
Analyst's Fees .....	1	9	6			
Bird Seed .....	9	18	0			
Boiler Insurance .....	8	10	6			
Books, Periodicals, &c. ....	33	0	2			
„ Hymn and Prayer .....	8	14	6			
„ Binding .....	4	11	10			
Broadfields Hospital, Expenses in connection with .....	14	9	3			
Carriage of Goods .....	6	19	4			
Coloured Paper, &c., for Ward Decorations .....	4	18	3			
Consultation Fees .....	5	5	0			
Escapes .....		8	6			
Flower Pots .....	9	8	0			
„ Seeds, &c. ....	6	4	7			
Grants to Patients .....	3	3	9			
Law Charges .....	10	1	0			
Lawn Mower .....	7	11	0			
Letter Bag Fees .....	5	0	0			
Licenses, Porters .....	1	10	0			
Maintenance of Parish Churchyard .....	5	0	0			
Carried forward .....	255	1	0	24,715	17	3

PAYMENTS (*Continued*).

	£	s.	D.	£	s.	D.
Brought forward .....	255	1	0	24,715	17	3
Marking Ink .....	3	10	0			
Medals for Long Service.....	1	1	10			
Ornaments for Wards .....	1	4	10			
Postages and Telegrams .....	48	1	11			
Printing and Stationery .....	87	3	4			
"    Reports .....	63	10	0			
Rates and Taxes, Imperial .....	18	10	2			
"    "    Poor and District .....	646	17	2			
Sewing Machine .. .....	8	18	3			
Snuff .....	2	9	4			
Spectacles, Repairing .....		5	0			
Stamp on Financial Statement.....	20	0	0			
Sweets.....	6	17	3			
Tell Tale Clock Dials .....	1	0	0			
"    "    Repairing .....	1	5	0			
Thermometer, Minimum .....		5	10			
Tiffany .....	2	1	8			
Tobacco .....	119	5	10			
"    Pipes .....	5	9	0			
Travelling Expenses.....	9	3	2			
Travelling Expenses, incurred in removing 45 Female Patients to Derby and Northampton Asylums .....	30	5	5			
Tuning Chapel Organ .....	3	3	0			
Vermin Killing.....	9	5	6			
Weather Charts .....		11	0			
Weed Killer .....	2	6	0			
Workmen's Insurance.....	3	6	6			
				1,350	18	0
Total .....				26,066	15	3



# JOURNAL OF THE

DATE		PLACE		REMARKS	
1880	Jan 1	London	England	Arrived at 10 AM	Left at 12 PM
1880	Jan 2	Paris	France	Arrived at 8 AM	Left at 10 AM
1880	Jan 3	Brussels	Belgium	Arrived at 9 AM	Left at 11 AM
1880	Jan 4	Amsterdam	Holland	Arrived at 7 AM	Left at 9 AM
1880	Jan 5	Rotterdam	Holland	Arrived at 6 AM	Left at 8 AM
1880	Jan 6	Antwerp	Belgium	Arrived at 5 AM	Left at 7 AM
1880	Jan 7	Louvain	Belgium	Arrived at 4 AM	Left at 6 AM
1880	Jan 8	Liège	Belgium	Arrived at 3 AM	Left at 5 AM
1880	Jan 9	Namur	Belgium	Arrived at 2 AM	Left at 4 AM
1880	Jan 10	Charleroi	Belgium	Arrived at 1 AM	Left at 3 AM
1880	Jan 11	Wavre	Belgium	Arrived at 12 PM	Left at 2 PM
1880	Jan 12	Brussels	Belgium	Arrived at 11 AM	Left at 1 PM
1880	Jan 13	Paris	France	Arrived at 10 AM	Left at 12 PM
1880	Jan 14	London	England	Arrived at 9 AM	Left at 11 AM
1880	Jan 15	London	England	Arrived at 8 AM	Left at 10 AM
1880	Jan 16	London	England	Arrived at 7 AM	Left at 9 AM
1880	Jan 17	London	England	Arrived at 6 AM	Left at 8 AM
1880	Jan 18	London	England	Arrived at 5 AM	Left at 7 AM
1880	Jan 19	London	England	Arrived at 4 AM	Left at 6 AM
1880	Jan 20	London	England	Arrived at 3 AM	Left at 5 AM
1880	Jan 21	London	England	Arrived at 2 AM	Left at 4 AM
1880	Jan 22	London	England	Arrived at 1 AM	Left at 3 AM
1880	Jan 23	London	England	Arrived at 12 PM	Left at 2 PM
1880	Jan 24	London	England	Arrived at 11 AM	Left at 1 PM
1880	Jan 25	London	England	Arrived at 10 AM	Left at 12 PM
1880	Jan 26	London	England	Arrived at 9 AM	Left at 11 AM
1880	Jan 27	London	England	Arrived at 8 AM	Left at 10 AM
1880	Jan 28	London	England	Arrived at 7 AM	Left at 9 AM
1880	Jan 29	London	England	Arrived at 6 AM	Left at 8 AM
1880	Jan 30	London	England	Arrived at 5 AM	Left at 7 AM
1880	Jan 31	London	England	Arrived at 4 AM	Left at 6 AM

*Statement of the Receipts and Expenditure of the Visiting Committee of the above-named Lunatic Asylum during the Year ended the 31st March, 1903.*

IL—BUILDING AND REPAIRS FUND ACCOUNT.III.—FARMING AND GARDENING ACCOUNT.

iv.—Statement of the Financial Condition of the Maintenance Account of the Asylum, 31st March, 1903.

22nd April, 1903

FRED A. WHEELER,  
Auditor.

JOHN G. HADLEY,  
*Clerk and Steward*



Worcester County &

FINANCIAL

Statement of the Receipts and Disbursements of the County for the Year 1883

CHARTERED

1883



*Statement showing the Average Weekly Cost per Patient  
on the Net Expenditure.*

ITEMS OF EXPENDITURE.	Average.	
	S.	D.
Salaries and Wages .....	2	4 $\frac{5}{8}$
Provisions (including Farm and Garden Expenses) .....	2	11 $\frac{3}{4}$
Wines and Spirits .....		$\frac{1}{4}$
Clothing .....		7 $\frac{3}{8}$
Necessaries .....	1	3 $\frac{5}{8}$
Surgery and Dispensary .....		1 $\frac{1}{8}$
Furniture and Bedding.....		3
Miscellaneous .....		5 $\frac{1}{2}$
	8	0 $\frac{7}{8}$
Less received for Goods Sold from Stores .....		1 $\frac{1}{4}$
Average Weekly Cost.....	7	11 $\frac{5}{8}$



‡ In this Account no charge is made for the labour of Patients employed on the Farm, or that of the Ward Attendants engaged supervising them.

*in respect of the Farm and Garden for the year  
March, 1903.*

## EXPENDITURE.

	£	s.	d.	£	s.	d.
Value of Stock, 1st April, 1902.....				3,569	6	5
Sums paid during the year in respect of—						
‡Labour .....				764	11	10
Provender — Bran and Sharps .....	115	6	6			
Maize, Grains, and Beans .....	113	13	4			
Linseed and Cotton Cake .....	253	13	4			
				482	13	2
Seeds and Manures —						
Seeds .....	90	0	9			
Manures .....	122	15	10			
				212	16	7
Stock, Live and Dead (bought)—						
Bull .....	31	10	0			
Bullocks .....	522	19	6			
Cows, Milking .....	76	0	0			
Horse .....	40	0	0			
Poultry .....	2	6	0			
Rams .....	8	10	0			
Sheep .....	157	18	6			
Implements, Harness, &c. ...	52	18	3			
				892	2	3
Rates and Taxes —						
Imperial .....	39	2	5			
Poor and District .....	66	19	0			
Tithe .....	63	16	0			
Land Tax, Redemption of .....	48	0	0			
Licenses for Servants, &c. ....	4	5	0			
				222	2	5
Rent .....				585	5	1
Sundries :— Blacksmith .....	18	16	10			
Fire and Workmen's Insurance .....	14	8	10			
Repairing Harness .....	9	0	3			
„ Implements, &c. ...	26	16	11			
Steam Cultivating .....	21	14	0			
Timber .....	9	7	10			
Veterinary Surgeon & Medicine .....	25	3	9			
Miscellaneous .....	59	9	11			
				184	18	4
Presumed Rent of Freehold .....				90	0	0
Wash and Grains from Asylum .....				40	0	0
Bones, estimated value for manure .....				7	0	0
Additional Help .....				30	0	0
Approximate value of allowances to 2 Farm Servants (board, lodging, and washing) .....				43	6	8
Coal supplied for Farm Purposes .....				30	0	0
				7,154	2	9
Balance in favour of Farm .....				1,126	10	5
				8,280	13	2

	ACREAGE OF LAND.			A.	R.	P.	A.	R.	P.
Freehold .....	85	1	24						
Of which sites of Buildings, Airing Courts, &c. ....	16	0	25				69	0	39
Rented .....	400	3	24						
Of which Sub-let .....	33	1	30				367	1	34
Net acreage under cultivation by Asylum .....				436	2	33			



## SALARIES AND WAGES OF STAFF.

31st MARCH, 1903.

OFFICERS.	Per Year.			
	£	s.	d.	
Medical Officer & Superintendent ... ..	800	0	0	} Furnished House, Coal, Gas, Garden Produce, and Washing.
First Assistant Medical Officer and Deputy Superintendent ..	250	0	0	
Second Assistant Medical Officer ..	160	0	0	} Furnished Apartments, Board, Washing, and Attendance.
Third ditto ..	140	0	0	
Chaplain ... ..	2	0	0	} Non-resident.
Ditto, Roman Catholic ...	52	10	0	
Clerk to Committee of Visitors ... ..	120	0	0	
Auditor ... ..	54	0	0	
Clerk and Steward ..	250	0	0	House Rent.
Assistant Clerk ... ..	115	0	0	} Non-resident.
Organist ... ..	45	0	0	
Engineer ... ..	145	0	0	Furnished House, Coal, and Gas.
Storekeeper ... ..	45	0	0	} Furnished Apartments, Board, Washing, and Attendance.
Superintendent's Clerk ...	26	0	0	
Chief Male Attendant ...	75	0	0	} Furnished Apartments, Board, Washing, Uniform, and Attendance.
Housekeeper ... ..	70	0	0	
Chief Female Attendant.	60	0	0	
Assistant Chief Female Attendant ... ..	42	0	0	
Farm Bailiff ... ..	95	0	0	} Furnished House, Coal, Gas, and Garden Produce.
Farm Bailiff's Wife ...	30	0	0	

## MALE ATTENDANTS AND SERVANTS.

One Male Attendant ...	50	0	0	} Board, Lodging, Washing, and Uniform.
Eleven ditto (each) ...	40	0	0	
One ditto ... ..	39	0	0	
Four ditto (each) ...	35	0	0	
Two ditto (each) ...	34	0	0	
Seven ditto (each) ...	30	0	0	
Six ditto (each) ...	28	0	0	
Eight ditto (each) ...	26	0	0	
Six Night Attendants (each)	40	0	0	
One ditto ... ..	38	0	0	
One Painter Attendant (including £7 a year as Band Instructor) ...	53	16	0	
One Plumber Attendant..	49	8	0	
One Whitewasher ditto ...	40	0	0	
One Tailor ditto ...	56	11	0	
One Carpenter ditto ...	52	0	0	
One Brewer and Storekeeper's Assistant ...	53	19	0	} Non-resident.
One Upholsterer Attendant	50	0	0	
Two Porters (each) ...	40	0	0	
One Assistant Engineer...	96	4	0	} Non-resident.
One Gardener ... ..	67	12	0	

		Per Year.	
		£ s. d.	
One Stoker	... ..	58 10 0	Washing, Cottage, and Uniform.
One ditto	... ..	62 8 0	Working Clothing.
One Baker Attendant	... ..	65 0 0	} Board, Washing, and Working Clothing.
Two Laundry Men (each)	... ..	57 4 0	
One Under-gardener	... ..	30 0 0	} Board, Lodging, and Washing.
One Market Carter	... ..	26 0 0	

*The Married Male Attendants, under certain conditions, are allowed £6 a Year for Lodgings.*

		Per Week.	
One Carpenter	... ..	1 3 3	} Board, Lodging, and Washing.
One Painter	... ..	1 6 9	
One Carpenter	... ..	1 13 3	} Non-resident.
One Cowman	... ..	19 0	
One Mason and Bricklayer...	... ..	1 10 9	
One Water Supply Man	... ..	1 0 0	
One Shoemaker	... ..	1 7 0	
One ditto	... ..	1 4 0	
One Tailor	... ..	1 6 0	
One Painter	... ..	1 6 6	
One Gas Stoker	... ..	1 2 0	
One Plough Boy	... ..	8 0	
One ditto	... ..	7 0	
One Farm Carpenter	... ..	1 1 0	
One Farm Servant	... ..	1 0 0	} Cottage, Garden, and Coal.
One Farm Carter	... ..	18 0	
One Shepherd	... ..	15 0	
One Farm Servant	... ..	16 0	
Three ditto (each)	... ..	15 0	
One Gas Stoker	... ..	1 4 0	} Board and Washing
One Excavator	... ..	15 0	
One Butcher...	... ..	19 6	} Uniform, Non-resident.
One Night Watchman	... ..	1 3 0	

#### FEMALE ATTENDANTS AND SERVANTS.

		Per Year.	
One Female Attendant	... ..	32 0 0	} Board, Lodging, Washing, and Uniform.
Eight ditto (each)	... ..	26 0 0	
Two ditto (each)	... ..	24 0 0	
Eleven ditto (each)	... ..	22 0 0	
Seven ditto (each)	... ..	20 0 0	
Ten ditto (each)	... ..	18 0 0	
Twelve ditto (each)	... ..	16 0 0	
One Night Attendant	... ..	30 0 0	
One ditto	... ..	28 0 0	
Three ditto (each)	... ..	24 0 0	
Two ditto (each)	... ..	22 0 0	
Two ditto (each)	... ..	20 0 0	
One Cook	... ..	32 0 0	
One ditto	... ..	16 0 0	
One Kitchen Maid	... ..	18 0 0	
One ditto	... ..	16 0 0	
Two ditto (each)	... ..	14 0 0	
One ditto	... ..	12 0 0	
One Dressmaker Attendant..	... ..	26 0 0	
Two Housemaids (each)	... ..	18 0 0	
One Laundress	... ..	30 0 0	
One Laundry Maid	... ..	22 0 0	
One ditto	... ..	18 0 0	
One ditto	... ..	14 0 0	
One ditto	... ..	12 0 0	

*£5. 6s. 6d. per annum can in course of time be obtained by Attendants for good conduct and special attention to duty.*



*Annual Statement showing the number of Lunatics and Idiots chargeable to the several Unions in the County and City of Worcester, whether confined in Asylums or otherwise, on 1st January, 1903.*

UNIONS.	In County Asylum.		In other Asylums.		In Work-house.		With Friends.		Totals		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Total.
Alcester .....	11	11	...	1	...	1	...	...	11	13	24
Bromsgrove .....	36	48	...	4	6	1	2	6	44	59	103
Bromyard .....	...	...	...	...	...	...	...	...	...	...	...
Cleobury Mortimer...	1	5	...	...	...	...	...	...	1	5	6
Droitwich ... ..	32	43	...	3	4	2	...	3	36	51	87
Dudley .....	58	54	...	2	22	36	16	23	96	115	211
Evesham .....	13	25	...	1	1	...	1	...	15	26	41
Kidderminster .....	62	54	...	7	8	9	...	1	70	71	141
King's Norton .....	28	46	...	5	4	10	...	1	32	62	94
Ledbury .....	1	2	...	...	...	...	...	...	1	2	3
Martley .....	13	27	...	1	2	5	3	...	18	33	51
Newent .....	2	...	...	...	...	...	...	...	2	...	2
Pershore .....	19	24	...	1	1	6	4	5	24	36	60
Shipston-on-Stour...	6	12	...	1	1	...	...	...	7	13	20
Solihull .....	20	32	...	1	...	...	...	...	20	33	53
Stourbridge .....	65	76	...	2	10	11	4	10	79	99	178
Stow-on-the-Wold ...	...	1	...	...	...	...	...	...	...	1	1
Stratford-on-Avon...	...	...	...	1	...	...	...	...	...	1	1
Tenbury .....	7	12	...	1	1	1	2	...	10	14	24
Tewkesbury .....	4	2	...	...	...	...	...	...	4	2	6
Upton-on-Severn ....	32	43	...	2	5	6	...	2	37	53	90
West Bromwich .....	25	31	...	3	4	9	2	3	31	46	77
Worcester .....	65	71	...	9	7	11	4	4	78	95	171
„ County of .....	2	...	...	...	...	...	...	...	2	...	2
Totals .....	502	619	...	45	76	108	38	58	616	830	1446
Totals last year ...	507	628	...	1	66	113	41	62	614	804	1418

*Number of Patients in the Asylum chargeable to each Union  
on the 31st March, 1903.*

Unions, &c.	Males.	Females.	Total.
Alcester.....	11	9	20
Bromsgrove .....	37	45	82
Cleobury Mortimer .....	1	4	5
Droitwich .....	32	43	75
Dudley .....	59	54	113
Evesham .....	12	22	34
Kidderminster .....	61	57	118
King's Norton .....	34	49	83
Ledbury .....	...	2	2
Martley .....	12	26	38
Newent .....	2	...	2
Pershore .....	20	23	43
Shipston-on-Stour .....	6	11	17
Solihull .....	19	33	52
Stourbridge .....	67	71	138
Stow-on-the-Wold .....	...	1	1
Stratford-on-Avon .....	...	...	...
Tenbury .....	7	13	20
Tewkesbury .....	4	2	6
Upton-on-Severn .....	32	44	76
West Bromwich .....	27	31	58
Worcester .....	66	72	138
„ County of .....	2	...	2
	511	612	1,123
Private Patients .....	14	21	35
Criminal „ .....	1	...	1
Totals .....	526	633	1,159



*Contract Prices for the several Articles of Consumption for the  
year ending 31st March, 1903.*

ARTICLES.	Midsummer Quarter, 1902.		Michaelmas Quarter 1902.		Christmas Quarter, 1902.		Lady-Day Quarter, 1903.		Average for the Year 1902- 1903.		Average for the Year 1901- 1902.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
+Bacon, per lb. ....	...	...	7½	...	...	...	7½	...	7½	...	7½	...
*Bath Bricks, per 100 ....	...	...	...	...	...	...	4 6	...	4 6	...	5 6	...
+Beans, Haricot ....	...	...	16 9	...	...	...	11 9	...	14 3	...	...	...
*Black Lead, per cwt. ....	...	...	...	...	...	...	18 0	...	18 0	...	18 0	...
*Blacking, per gross ....	...	...	...	...	...	...	2 2	...	2 2	...	2 4	...
*Blue, per lb. ....	...	...	...	...	...	...	9	...	9	...	9	...
Bran, per cwt. ....	4 9	...	4 9	...	4 6	...	4 6	...	4 7½	...	4 7½	...
*Candles (Dips.), per 12lbs. ....	...	...	...	...	...	...	3 10½	...	3 10½	...	3 8	...
+Cheese, per cwt. ....	...	...	56 0	...	...	...	56 0	...	56 0	...	54 0	...
*Chicory, per cwt. ....	...	...	...	...	...	...	32 0	...	32 0	...	32 0	...
Coal (Hard Cobbles), per ton...	19 3	...	18 6	...	19 0	...	19 0	...	18 11½	...	19 9	...
„ (Wigan Gas), per ton ...	23 6	...	23 3	...	23 3	...	23 3	...	23 3½	...	24 10½	...
„ (Cannel), per ton ....	28 0	...	27 6	...	27 6	...	28 0	...	27 9	...	28 10½	...
„ (Engine Nuts), per ton ...	17 6	...	16 6	...	16 9	...	17 3	...	17 0	...	18 2½	...
„ (Best House), per ton ...	21 6	...	21 6	...	22 3	...	22 3	...	21 10½	...	24 3	...
+Coffee, roasted, per cwt. ....	...	...	112 0	...	...	...	112 0	...	112 0	...	98 0	...
+Eggs, per 120 ....	...	...	...	...	...	...	8 6	...	8 6	...	8 6	...
*Fish, per lb. ....	...	...	...	...	...	...	1½	...	1½	...	1½	...
Flour (Seconds), per 224lbs. ...	16 9	...	17 9	...	17 6	...	17 6	...	17 4½	...	16 8½	...
Ditto (Thirds), ditto ....	15 9	...	16 9	...	16 9	...	16 9	...	16 6	...	15 10½	...
*Grains, per bushel ....	...	...	...	...	...	...	4	...	4	...	4	...
+Malt (per 42lbs.) ....	...	...	4 7½	...	...	...	4 8	...	4 7½	...	4 9½	...
*Matches, per gross ....	...	...	...	...	...	...	2 10	...	2 10	...	2 10	...
*Mustard, per lb. ....	...	...	...	...	...	...	7½	...	7½	...	7½	...
*Oatmeal, per cwt. ....	...	...	...	...	...	...	15 0	...	15 0	...	14 0	...
Old Radnor Lime, per ton ...	18 0	...	17 0	...	17 0	...	17 0	...	17 3	...	17 10½	...
*Pearl Barley, per cwt. ....	...	...	...	...	...	...	14 0	...	14 0	...	11 9	...
*Pepper (whole), per lb. ....	...	...	...	...	...	...	7½	...	7½	...	7½	...
+Raisins, per cwt. ....	...	...	34 6	...	...	...	40 0	...	37 3	...	31 0	...
*Rice, per cwt. ....	...	...	...	...	...	...	12 0	...	12 0	...	12 3	...
*Salt, per ton ....	...	...	...	...	...	...	33 0	...	33 0	...	33 0	...
Sharps, per cwt. ....	5 6	...	5 9	...	6 0	...	6 0	...	5 9¾	...	5 4½	...
+Snuff, per lb. ....	...	...	4 0	...	...	...	4 2	...	4 1	...	4 3	...
*Soap (Soft), per 64 lbs. ....	...	...	...	...	...	...	8 1	...	8 1	...	8 1	...
*Soda, per cwt. ....	...	...	...	...	...	...	3 9	...	3 9	...	3 10½	...
*Split Peas, per cwt. ....	...	...	...	...	...	...	11 9	...	11 9	...	11 9	...
*Starch (Common), per cwt. ....	...	...	...	...	...	...	23 6	...	23 6	...	23 0	...
*Ditto (Glenfield), per cwt. ....	...	...	...	...	...	...	46 0	...	46 0	...	47 0	...
+Sugar (Lump), per cwt. ....	...	...	19 0	...	...	...	16 0	...	17 6	...	20 2	...
+Ditto (Raw), per cwt. ....	...	...	19 0	...	...	...	16 6	...	17 9	...	20 4	...
+Tea, per lb. ....	...	...	1 1	...	...	...	1 1	...	1 1	...	1 1	...
+Tobacco, per lb. ....	...	...	3 8	...	...	...	3 7	...	3 7½	...	3 7½	...
*Vinegar, per gallon ....	...	...	...	...	...	...	7	...	7	...	7	...

Those marked \* are contracted for yearly.  
 „ + „ half-yearly.  
 The remainder „ quarterly.

*Conditions under which Private Patients are admitted into the  
Asylum.*

I. The charge for Patients coming from, or having a settlement in, some Union in the County or City of Worcester is 15s. a week, payable quarterly in advance.

II. The charge for maintenance covers all ordinary expenses, but in cases of prolonged bodily disease an additional weekly charge may be made to cover the cost of special medicines and stimulants.

III. In the event of the death or discharge of any Private Patient before the maintenance moneys, paid in advance, have been exhausted by effluxion of time, the balance will be refunded to the person who made the last payment in respect of such Patient.

IV. The Patients may wear their own clothes, but will have the same accommodation in all respects as the other Patients.

V. Application for the admission of a Patient on the private class must be made in the first instance to the Medical Officer at the Asylum, who will supply all the various blank forms for the order and medical certificates.

VI. The excess charge made for Private Patients beyond the ordinary pauper weekly rate of maintenance is carried to the credit of the Repairs Account.



## ATTENDANTS' DIETARY SCALE.

	DAILY.					WEEKLY.				
	Bread.	Cooked Meat (free from bone).	Beer.	Milk.	Vegetables (varied in season).	Tea.	Lump Sugar.	Fresh Butter.	Bacon.	Cheese.
MALES .....	1 lb.	8 ozs.	2½ pts.	½ pt.	1 lb.	3 ozs.	12 ozs.	8 ozs.	16 ozs.	8 ozs.
FEMALES .....	1 lb.	6 ozs.	1½ pts.	½ pt.	1 lb.	3 ozs.	12 ozs.	8 ozs.	8 ozs.	8 ozs.

Puddings or Tarts are given twice weekly.

If preferred 6 ozs. Coffee is given in lieu of Tea.

When necessary 12 ozs. Salt Butter is issued instead of 8 ozs. Fresh.

## PATIENTS' GENERAL DIETARY SCALE.

	BREAKFAST, 7 A.M.		DINNER, 12.30 P.M.		TEA, 6 P.M.	
	Males.	Females.	Males.	Females.	Males.	Females.
SUNDAY .....	1 pint coffee, 8 oz. bread, $\frac{3}{4}$ oz. butter.	1 pint coffee, 6 oz. bread, $\frac{3}{4}$ oz. butter.	5 oz. fresh roast meat, cooked without bone; 12 oz. potatoes, or other vegetables; 4 oz. bread.	4 oz. fresh roast meat, cooked without bone; 12 oz. potatoes, or other vegetables; 3 oz. bread.	1 pint tea, 7 oz. bread, $\frac{3}{4}$ oz. butter.	1 pint tea, 6 oz. bread, $\frac{3}{4}$ oz. butter.
MONDAY .....	" " "	" " "	<i>Stew, 1½ pints, composed of to the pint:—</i> 4 oz. fresh meat, 12 oz. potatoes, 2 oz. carrots, 1 oz. onions, herbs; or, 5 oz. tinned meat, served cold; 12 oz. potatoes, 4 oz. bread.	<i>Stew, 1 pint, composed of:—</i> 4 oz. fresh meat, 12 oz. potatoes, 2 oz. carrots, 1 oz. onions, herbs; or, 4 oz. tinned meat, served cold; 12 oz. potatoes, 3 oz. bread.	" " "	" " "
TUESDAY .....	" " "	" " "	16 oz. fish, cleaned and uncooked; or, 5 oz. meat, cooked without bone; 12 oz. potatoes, or other vegetables; 4 oz. bread.	16 oz. fish, cleaned and uncooked; or, 4 oz. meat, cooked without bone; 12 oz. potatoes, or other vegetables; 3 oz. bread.	" " "	" " "
WEDNESDAY .....	" " "	" " "	5 oz. tinned meat, 8 oz. suet pudding, 4 oz. bread.	4 oz. tinned meat, 6 oz. suet pudding, 3 oz. bread.	" " "	" " "
THURSDAY .....	" " "	" " "	<i>Pie, 16 oz., composed of:—</i> 5 oz. fresh meat, 4 oz. flour for crust; $\frac{3}{4}$ oz. lard or dripping, 12 oz. potatoes, $\frac{3}{4}$ oz. onions, herbs.	<i>Pie, 12 oz., composed of to the lb.:—</i> 5 oz. fresh meat, 4 oz. flour for crust, $\frac{3}{4}$ oz. lard or dripping, 12 oz. potatoes; $\frac{3}{4}$ oz. onions, herbs.	" " "	" " "
FRIDAY .....	" " "	" " "	5 oz. boiled or roast pork, cooked without bone; 12 oz. potatoes, or other vegetables; 4 oz. bread.	4 oz. boiled or roast pork, cooked without bone; 12 oz. potatoes, or other vegetables; 3 oz. bread.	" " "	" " "
SATURDAY .....	" " "	" " "	<i>Soup, 1½ pints, composed of to the pint:—</i> 2 oz. fresh meat or bacon scraps, &c., meat liquor, 3½ oz. split peas, 2 oz. potatoes, 1 oz. carrots, $\frac{3}{4}$ oz. leeks or onions, herbs, 6 oz. bread; or, 4 oz. meat, cooked without bone; 8 oz. potatoes or other vegetables, 1 oz. cheese, 6 oz. bread.	<i>Soup, 1 pint, composed of:—</i> 2 oz. fresh meat, or bacon scraps, &c., meat liquor 3½ oz. split peas, 2 oz. potatoes, 1 oz. carrots, $\frac{3}{4}$ oz. leeks or onions, herbs, 5 oz. bread; or, 4 oz. meat, cooked without bone, 8 oz. potatoes or other vegetables, 1 oz. cheese, 3 oz. bread.	" " "	" " "

BREAKFAST.—To make one gallon of coffee— $\frac{3}{4}$  oz. coffee,  $\frac{3}{4}$  oz. chicory, 4 oz. sugar, 12 oz. milk.

DINNER.—Potatoes are weighed when peeled and uncooked. Some patients are allowed half-pint of beer with their dinner.

On Wednesday the suet pudding is served with treacle or sugar, rhubarb or fresh fruits being added when in season. Salad is given large y when in season. Pickled cabbage occasionally.

TEA.—To make one gallon of tea—1 oz. tea, 4 oz. sugar, 12 oz. milk.

Any of the weakly or aged patients who require it, are allowed 2 oz. bread and  $\frac{3}{4}$  pint broth at 9.30 a.m.; the broth being composed of—for the pint—1 pint meat liquor, 2 oz. barley,  $\frac{3}{4}$  oz. oatmeal, herbs.

The Diet of the Patients resident in the Wards of the Annexe is varied in the following particulars:—Bread and milk is largely given for Breakfast, and some cheese for Dinner. The amount of meat and bread is somewhat smaller.



*Chief Male Attendant's Return of Male Patients Employed  
during the Year ending 31st December, 1902.*

How Employed.	No. of Days.
Rug Makers .....	687
Tailors.....	1,117
Shoemakers .....	978
Carpenters .....	962
Upholsterers and Hair Pickers .....	1,755
Assisting Engineer, Smith, Stoker, and Gasmaker .....	2,834
„ Painter, Glazier, Whitewasher, and Plumber .....	2,251
„ Mason and Bricklayer.....	525
„ Storekeeper, Baker, Brewer, and Butcher .....	2,690
„ Clerks .....	879
„ Attendants .....	49,036
„ on Farms and Garden .....	38,009
Total number of week-days .....	101,723
Daily Average Number of Patients employed.....	327
Employed 62·4 per cent. of the average number of Male Patients resident throughout the year.	

*Chief Female Attendant's Return of Female Patients  
Employed during the Year ending 31st December, 1902.*

How Employed.	No. of Days.
In Sewing .....	54,655
In Netting and Knitting.....	5,581
In Laundry .....	20,819
Assisting Attendants .....	38,390
„ in Kitchens .....	9,546
„ Housemaids .....	621
„ in Gardens .....	80
„ at Farm .....	624
„ as Hair Pickers .....	122
Total number of week-days .....	130,438
Daily Average Number of Patients Employed .....	419
Employed 63·0 per cent. of the average number of Female Patients resident throughout the year.	