

Thirty-third annual report of the county and city of Worcester Pauper Lunatic Asylum.

Contributors

Worcester Pauper Lunatic Asylum.
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THIRTY-THIRD

ANNUAL REPORT

OF THE

County and City of Worcester

PAUPER LUNATIC ASYLUM.

WORCESTER:
PRINTED AT THE JOURNAL AND DAILY TIMES OFFICES
43, HIGH STREET.

1885.

Committee of Visitors for 1885.

FOR THE COUNTY OF WORCESTER.

THE EARL OF COVENTRY, Croome House, Worcester.
EARL BEAUCHAMP (Chairman), Madresfield Court, Malvern Link.
G. W. HASTINGS, ESQ., M.P., Barnard's Green, Great Malvern.
REV. CHARLES JOHN SALE, Holt Rectory, Worcester.
EDWARD V. V. WHEELER, ESQ., Newnham Court, Tenbury.
ALFRED BALDWIN, ESQ., Wilden House, Stourport.
C. M. BERINGTON, ESQ., Little Malvern Court, Malvern.
JOHN BRINTON, ESQ., M.P., Moor Hall, Stourport.
REV. H. W. COVENTRY, Severn Stoke, Worcester.
F. D. LEA SMITH, ESQ., The Grange, Halesowen.
ROBERT BERKELEY, ESQ., Spetchley Park, Worcester.

FOR THE CITY OF WORCESTER.

W. B. WILLIAMSON, ESQ., Worcester.
H. WILLIS, ESQ., Pitmaston, Worcester.
R. E. BARNETT, ESQ., The Mall, Worcester.
F. CORBETT, ESQ., Lansdowne, Worcester.

Medical Superintendent.

E. MARRIOTT COOKE, M.B., Lond.

Assistant Medical Officer and Deputy-Superintendent.

MR. J. HARRINGTON DOUTY, M.R.C.S., Eng., L.S.A., Lond.

Second Assistant Medical Officer.

MR. GEORGE M. P. BRAINE, M.R.C.S., Eng., L.R.C.P., Lond.

Third Assistant Medical Officer.

MR. RICHARD ATKINSON, B.A., Cantab., F.R.C.S., Eng.

Chaplain.

REV. A. BOND, B.A.

Treasurer.

J. SWINTON ISAAC, ESQ

Clerk to the Committee of Visitors.

MR. MARTIN CURTLER.

Lady Housekeeper and Honorary Matron.

MISS GIDDINGS.

Asylum Clerk.

MR. G. JENKINS.

Auditor.

MR. F. A. WHEELER.

THE
THIRTY-THIRD ANNUAL REPORT
OF THE
COMMITTEE OF VISITORS
OF THE
COUNTY AND CITY OF WORCESTER PAUPER
LUNATIC ASYLUM,

Presented to the Justices of the County at the Epiphany Quarter Sessions, 1886, and to the Town Council of the City of Worcester, within twenty days of the 20th day of December, 1885, pursuant to the 62nd Section of "The Lunatic Asylums Act, 1853."

1. Your Committee are gratified to be able to assure the Court and Council that Dr. COOKE continues to discharge his arduous duties to the satisfaction of your Committee, and, in consideration of the additional responsibility entailed upon him by the enlargement of the Asylum and the increase in the number of Patients, your Committee unanimously resolved at their January meeting to increase his salary from £650 to £800 a year; such increase to commence as from 1st January, 1885.

2. The conduct of the other Officers and Servants generally has been satisfactory throughout the year.

3. In consequence of the opening of the New Buildings in June last, your Committee, on the recommendation of Dr. COOKE, appointed a third Assistant Medical Officer (Dr. ASLETT), who will take Mr. ATKINSON's duties during his temporary absence.

4. Your Committee, as suggested in their last Annual Report (paragraph 11) came to the conclusion that it was desirable, instead of attempting to enlarge the old Chapel, to erect a new one of a comparatively inexpensive character, on a new site. The estimated cost of the Building is £2,556. 16s. 0d., and this sum the Court and Council have already provided. The Building, which will seat over 700 Patients is nearly completed, and will be opened for Divine Service early in the coming year.

5. Mr. John POUNTNEY, who for 23 years filled the post of Farm Bailiff, to the entire satisfaction of your Committee, and who was obliged to resign through ill-health, has been granted a superannuation allowance for life of £1 per week, as from 1st October last.

6. Your Committee have the satisfaction of reporting that a contract has been entered into with the Essex County Asylum for the reception at Powick of 55 Patients (25 males and 30 females) at 13s. per head per week. The Patients are expected at Powick in a few days. The contract is for one year. This arrangement will be a source of considerable profit.

7. Two of the Commissioners in Lunacy visited the Asylum on the 27th October last, and left a very favourable Report, which will be found below (Schedule 3), on the Buildings recently erected, and the general condition and arrangement of the Asylum.

8. The New Buildings were occupied in June last. The accounts have not all been paid, but your Committee hope to close the whole matter shortly, and at Easter Sessions to present a Report of the entire cost, and how the money has been expended. The Patients removed to the New Buildings are those of the chronic harmless kind, but although such Patients are provided with a separate and more economical diet, and less supervision than the Patients retained in the main building, your Committee, as they have stated before, are not sanguine that any material reduction in the cost can be made in the case of these Patients.

9. In connection with the new buildings, it may be stated that your Committee have re-arranged the duties formerly attaching to the office of Matron, abolishing that office and substituting the office of Lady Housekeeper, Miss GIDDINGS taking that post, and being designated also Honorary Matron.

10. A spacious room has been provided for the reception of Visitors to Patients, and another for the Chief Male Attendant, supplying a very great want. Larger offices have been erected for the Asylum Clerk on a new site, the old ones being required for the new Engine Room.

11. Rooms, &c., (greatly needed) for the General Stores, originally built for the purpose but under pressure occupied as dormitories, are now restored to their proper use. All these are additional to the ordinary accommodation provided for the 210 Patients in the main block of the new buildings.

12. These various extensions were all absolutely necessary, and of course had the effect of throwing additional work on many of the staff, and your Committee found it necessary in several cases to increase salaries in consequence.

13. It is almost needless to add that the opening of the new buildings, and the various other buildings referred to, has had a very beneficial effect in relieving the extremely overcrowded state of all the departments of the old Asylum, thereby materially facilitating the proper administration of its affairs.

14. The weekly charge remains at 8s. 2d., and it will be satisfactory to the Ratepayers of the Unions to know that this sum ranks among the lowest of the Asylums of the country.

15. The 55 Patients (25 males and 30 females), recently under contract at Rubery Hill Asylum, have all been returned to Powick.

16. Your Committee append (Schedule 1) a copy of the Special Report presented to the Court and Council at

Michaelmas, on the subject of the Excess of Expenditure on the New Buildings, and (Schedule 2) a further Special Report on the same subject, as called for by the Court of Quarter Sessions.

17. Several Deputations from Boards of Guardians have visited the Asylum during the past year, and sent Reports invariably favourable as to the general management of the Asylum and the care taken of their Patients.

18. The General Committee have held 13 meetings during the year, and the House Committee 10 meetings. The following is the attendance at both meetings.

	GENERAL MEETINGS.	HOUSE COMMITTEE.
THE EARL BEAUCHAMP	11	4
THE EARL OF COVENTRY.....	—	—
REV. C. J. SALE	11	3
G. W. HASTINGS, Esq., M.P.....	4	—
F. D. LEA SMITH, Esq.	7	—
ROBERT BERKELEY, Esq.....	10	8
ALFRED BALDWIN, Esq.	12	—
C. M. BERINGTON, Esq.	11	5
REV. H. W. COVENTRY	13	8
E. V. V. WHEELER, Esq.	12	2
JOHN BRINTON, Esq., M.P.	13	—
W. B. WILLIAMSON, Esq.	8	4
H. WILLIS, Esq.	5	—
R. E. BARNETT, Esq.	9	5
F. CORBETT, Esq.	3	3

19. The two County Visitors retiring will be F. D. LEA SMITH, Esq., who has attended 7 times, and Robert BERKELEY, Esq., who has attended 10 times.

20. The following table shows the number of Patients in the Asylum at the last visit of the House Committee in each of the last six years.

	MALES.	FEMALES.	TOTAL.
1880	348	417	765
1881	362	420	791
1882	341	436	777
1883	349	422	771
1884	350	442	792
1885	355	467	822

The totals for 1885 include the 55 Patients returned from Rubery Hill Asylum. These Patients were not included in the totals of 1882, 1883, and 1884, so that there is actually a decrease of 25 Patients belonging to the County and City. The totals also include 45 Private Patients, 12 Males, and 33 Females.

21. The cost of the general repairs for 1886 is estimated at £1,300, but in this sum are included £88 for superannuation allowances, and £50 for fire insurance. The Committee hope that the profit derived from the Private, Out-County, and Essex Patients, will be equal to this amount.

22. Your Committee have also appended to this Report a Copy of the Commissioners in Lunacy's Report (Schedule 3), Copy of the Chaplain's Report (Schedule 4), Statement of Repairs Account (Schedule 5), and Statement of Mortgage Debt (Schedule 6).

Signed on behalf of the Committee,

BEAUCHAMP,

CHAIRMAN.

MADRESFIELD COURT,

DECEMBER 21ST, 1885.

[SCHEDULE 1.]

REPORT

OF THE

COMMITTEE OF VISITORS

OF THE

COUNTY AND CITY OF WORCESTER PAUPER LUNATIC ASYLUM,

Presented to the Justices of the County of Worcester at Michaelmas Quarter Sessions, 1885, and to the Town Council of the City of Worcester, Michaelmas, 1885.

At Michaelmas, 1884, the Committee of Visitors reported to the Court and Council that they expected to have a surplus on the New Buildings Account of £2,000, or thereabouts, and they then asked for authority to apply such surplus towards the cost of Furnishing the New Wards, &c. The Court and Council gave them that authority.

It is with extreme regret that the Committee now inform the Court and Council that the estimate which they had made in September, 1884, and upon which the report referred to was made, turns out to have been very erroneous, although it was based to a large extent upon a Special Report made to the Committee by the County Surveyor at the time. The fact is that a very large expenditure had then been incurred in carrying out the improvements to the Boiler and Engine House, Wash-house, and Laundry. Mr. ROWE had originally estimated the

Builders' work in connection with these Buildings at £600 only, whereas the total cost, now that the Accounts have been made up, comes on this item alone to no less a sum than £4,273 6s. 7d., or £3,673 in excess, of which sum the cost of the Boiler House amounting to £1,177, had been accidentally omitted altogether from Mr. ROWE's original estimate. But the excess includes an item of upwards of £600 for necessary repairs which must have been done in any case. Most unfortunately the Committee, believing they had ample margin at their disposal, gave orders from time to time, without applying to the Court and Council, for certain necessary additional works not originally contemplated in any way at the outset of the undertaking, which amount to a considerable sum. The principal of these items are specified for the information of the Court and Council in Schedule A—and in Schedule B the Committee append a comparative statement, giving in detail the estimates they made in September, 1884, and the additional expenditure incurred.

The Committee can only express their regret that they were not able, through the accounts not having been made up, to come to the Court and Council earlier for their sanction to this large additional expenditure. But they may say at the same time with the greatest confidence, that all the additional works referred to, and the principal items of which are specified in the subjoined list, as well as the large additions and extensions made to the Boiler House, Wash-house, and Laundry, were essential to the due completion of the New Buildings, and to the comfort and convenience, not only of the Patients, but of the large staff of Attendants and Servants employed, and to the due administration of its responsible government, as well as to promote very largely the economical working of the Establishment.

The Committee have now to ask the Court and Council for a grant in the proportions, under the agreement

of union, of a sum not exceeding £7,600. And when it is considered that accommodation will have been provided immediately and fully for upwards of 210 Patients, and that all the Water Supply, Laundry, and Kitchen and Staff accommodation will suffice without further outlay in these departments for another 210 Patients at a future time, the Committee feel confident that the total outlay, including the £7,600 now asked for, will not be found to be extravagant.

In summing up this Report the Committee beg to impress on the Court and Council the unquestionable fact that the total expenditure which they have incurred has been unavoidable, and the actual financial position would have been in no way different if they had at Michaelmas, 1884, been in a position to present to the Court and Council the actual state of the accounts, and the sum of about £7,600 asked for now, being £5,000 in excess of the estimate of 1882, would have been applied for then, in the proportion of about £5,000 for extra work on the original contract and necessary additional Buildings, and £2,500 for furniture and clothing.

SCHEDULE A.

Extension in connection with Subway between Old and New Buildings	£591
New Clerk's Offices	265
Additions to Gas Works	270
Sundry Engineering Work	300
	<hr/>
	£1,426

SCHEDULE B.

Comparative Statement of Estimated Expenditure, on Extensions, as made at Michaelmas, 1884, and at present date Michaelmas, 1885

	Estimate, Michaelmas, 1884.	Statement, Michaelmas, 1885.		
Land Purchased	£3,300	£3,358 6 0		
Legal Expenses (Land).....	150	163 12 11		
Additional, <i>Re</i> Stopping up Highway	„	61 11 0		
Architect, including charge for Quantities	700	1,061 15 4		
Clerk of Works	350	478 9 0		
Horsman's Contract, Extras and Additions.....	19,495	21,353 11 1		
Wash-house and Laundry ...	1,500	4,273 6 7		
Gas Fittings	300	263 0 0		
Engineering Works	4,140	4,574 19 7		
Clay Turning	1,400	1,282 3 6		
Visitors' and Attendant's Rooms (included in above, £21,353 11 1)	250	„ „ „		
Locks	200	256 1 6		
Communications, Electric Bells, &c.	400	305 6 0		
Airing Courts and Paths, &c.	250	2,241 5 9	}	
Contingencies executed and still outstanding	500			
Furniture.....	2,100	2,311 0 0		
Gas Works	280	550 0 0		
Sheppard's Charges(Furniture Estimate) ... ..	.....	20 0 0		
Mr. Buck's Bills (Land, &c.)	.....	43 4 0		
Printing, &c. ....	.....	10 11 6		
	<u>£35,315</u>	<u>£42,608 3 9</u>		

Signed on behalf of the Committee,

BEAUCHAMP,

CHAIRMAN.

Madresfield Court,

15th October, 1885.

[SCHEDULE 2.]

FURTHER SPECIAL REPORT
OF THE
COMMITTEE OF VISITORS
OF THE
COUNTY AND CITY OF WORCESTER PAUPER LUNATIC
ASYLUM.

*Presented to the Justices of the County at Epiphany Quarter Sessions,
1886, and to the Town Council of the City of Worcester.*

In compliance with the resolution come to by the Court at the Michaelmas Quarter Sessions, that your Committee should make to the Epiphany Quarter Sessions a further Special Report upon the excess of expenditure on the New Buildings beyond the sum granted by the Court and Council, your Committee have carefully reconsidered the Special Report presented to the Michaelmas Quarter Sessions on the subject, printed herewith, and respectfully refer the Court to that Report, and believe that it will be found, on a careful perusal, that it contains a full explanation of the matter, and embraces all the Committee are themselves able at present to state. Your Committee regret that pressure of time did not admit of that Report being printed and circulated amongst the Justices prior to the Michaelmas Quarter Sessions. Your Committee append to this Report [Schedule Z], a long explanatory letter, which, at their request, Mr. ROWE, the County Surveyor, has written on the subject. Mr. ROWE admits that the large extras for Builders' work in connection with the Wash-house and Laundry, and which formed the principal item of the extra cost, were made without the direct authority of the Committee, which the terms of the Contract with Messrs. HORSMAN required.

The Committee are satisfied that the whole of the work done under this head was necessary, and that it has been well carried out, but it was most unfortunate that the necessity for it was not brought specially under their notice before any orders were given to the Contractors. Had this been done, it is obvious that all or most of the difficulty of the present position would have been avoided.

It is, however, due to Mr. ROWE that the Committee should confirm his statement that so far as the work of the *Main Building* alone is concerned, the net extras were very trifling in so large a contract.

BEAUCHAMP.

CHAIRMAN.

December 23rd, 1885.

[SCHEDULE Z.]

DEAR SIR,

COUNTY AND CITY ASYLUM.

In reply to yours of the 21st October, in which you ask me to furnish dates on which the Asylum Committee gave orders for the extended work in connection with the Wash House and Laundry, and also the work required for receiving the new Boiler, Engine, and other works.

I am not aware that these works were commenced and the extensions made under any written order of the Committee, but the plans, after being altered and revised more than once, were submitted and approved by them, and the work hastily pushed forward afterwards.

As regards the Wash-house and Laundry, my approximate estimate was, it will be seen, increased between May and September, 1882, by £800. This amount was doubtless intended to meet the additional cost of extensions to Wash-house and Laundry embraced in a subsequent plan, and which increased the estimate to £1,400. The addition, however, was inadvertently placed to the approximate estimate of £24,000, instead of the separate estimate of £600.

Further alterations subsequently took place under the recommendation of the Commissioners in Lunacy, and which are particularized in the accounts. I may also say that there was a sum of £700 included in the approximate estimate of £24,000, for Boiler and Engine House Extension. At this time, however, nothing had been decided, the estimate therefore being without detail, was an assumed one, but the required provision eventually necessitated such alterations to the old Offices as to require the construction of new.

The report of the Committee to the Court of last Quarter Sessions has conveyed generally, and to my prejudice, the idea that the extras have arisen on the Builders' Contract of £19,495. This, as you are aware, is not the case, indeed taking into consideration the additions directed by the Committee, the extras on such contract are but trifling.

The works done in the Extension of Wash-house, Laundry, Boiler, and Engine House were outside the contract, but had to be done as far as practicable under the same schedule of prices, indeed nothing has been carried into effect excepting that which was found absolutely necessary, and the cost of the following recently erected Asylums will tend to show that in the present instance it cannot be considered otherwise than moderate.

Rubery Hill Asylum, for 620 Patients, cost per head...	£226	0	0
Burntwood Asylum, for 600 Patients, ditto ditto ...	133	0	0
Gloucester Asylum, buildings only, for 714 Patients, ditto ditto	114	0	0
Powick Asylum, practically an independent Asylum, having administrative buildings and offices, also adequate provision in the construction for drainage, water, gas, warming, &c., to meet the requirements for double the number of Patients. The cost per head for 210 Patients	190	0	0
The cost of buildings for the additional 210 would not exceed £47. 0s. 0d. per head, which would reduce the cost for the 420 Patients to	93	0	0

The following is a Schedule of my Approximate Estimates of Asylum Additions, and also the actual cost of works as carried out:—

	Approximate Estimate. May, 1882.	Approximate Estimate. Sept. 1882.	Actual Expenditure. Sept. 1885.
Main Building or Annex	£24,000 0 0	£24,800 0 0	£16,843 7 2
Boundary Walls	800 0 0	800 0 0	1,548 12 4
Main Drainage	500 0 0	500 0 0	795 6 10
Sewage Tanks		400 0 0	
Engineers' Works, in Water Supply, Boiler, Engine, Warming, and Cooking	1,960 0 0	1,960 0 0	2,857 2 7
Ditto ditto in Wash- house, and Laundry...	520 0 0	520 0 0	1,720 17 0
Builders' works in ditto and ditto	600 0 0	600 0 0	3,096 6 7
Engineers' Works in Engine and Boiler House			1,177 0 0
Ditto ditto, in communi- cation between No. 9 Wing and Annex		150 0 0	1,150 0 0
Visitors' and Attendant's Rooms		250 0 0	383 19 6
	<u>£28,380 0 0</u>	<u>£29,980 0 0</u>	<u>£29,572 12 0</u>

In addition to the above, the following Works have been carried out by the directions of the Committee:—

External Water Closets in Airing Yards	£34 14 3	
Additional Floor and Staircase in Tower	44 8 6	
Fittings and Furniture	289 2 6	
Erection of Clerk's Offices	261 0 0	
Gas Fitter's Works	263 0 0	
	<u>892 5 3</u>	
		<u>£30,464 17 3</u>

I may say I do not consider myself responsible for the Approximate Estimate for the Engineers' work—it having been furnished by the Engineers themselves, or for the increased cost of communication between the old Building and new Annexe. And it will be seen that my Approximate Estimate of £29,980 (exclusive of Gas Works), taking into consideration the erection of New Offices and other additions or extras, has been exceeded only by about £500.

I am, dear Sir,

Yours very faithfully,

HENRY ROWE,

Architect.

MARTIN CURTLER, Esq.

WORCESTER, December 1st, 1885.

[SCHEDULE 3.]

[COPY.]

REPORT OF THE COMMISSIONERS IN LUNACY.

WORCESTER COUNTY LUNATIC ASYLUM,
POWICK, OCTOBER 27TH, 1885.

This is the first visit by members of our Board since the Annexe has been occupied, and we may begin our report by expressing our entire satisfaction with the accommodation which these new buildings afford. They were begun to be occupied by patients in June last, and very creditable progress has been made in getting the wards and dormitories into a comfortable state, and making them bright and cheerful. Further provision is being made to this end, and we saw a good supply of pictures being framed, which will be hung on the walls. The furniture and bedding supplied are good and suitable to the class of patients placed here.

The buildings of the Annexe which have been erected are calculated for 70 males and 140 females. We found in them yesterday 64 male and 125 female patients, so that the vacant beds in the Asylum, of which there are 60 for males and 68 for females, are chiefly in the old building.

The total of patients now on the books is 816 (353 being of the male and 463 of the female sex), all the boarded out patients having been called in. Included in the above are 13 male and 32 female private patients. Since our colleagues visit on July 17th, 1884, 107 males and 123 females have been admitted, these figures including 25 males and 30 females retransferred from Rubery Hill Asylum. In the same interval 38 males and 57 females have been discharged, 28 of the former and 48 of the latter having recovered; and 65 males and 38 females died.

The causes of the deaths, which in 96 instances were ascertained or verified by *post mortem* examination, present nothing extraordinary, and no death was due to contagious disease. No Coroner's Inquest has been found necessary. Three cases of scarlet fever have occurred, the last in April; and one case of typhoid fever, which attacked a nurse in January, but from which she recovered; and there have been a few cases of erysipelas, probably due, it is supposed, to the overcrowded state of the Wards at the time of their occurrence.

Three serious casualties, resulting in broken bones, have happened ; and a female patient had her hand badly crushed in the steam mangle, making amputation requisite. This case shows how important it is to guard the dangerous parts of machinery to which patients may have access. There have, however, been several other accidents of a slight character, but resulting in fracture or dislocation, and we must hope that the removal of overcrowding, which was probably a fertile cause of such casualties as the foregoing, may be followed by a sensible decrease in the number.

One male and 5 females are absent on trial, and except these we have seen all the patients. They have been very quiet and orderly during our inspection, and few complaints have been made to us. Appeals for discharge were frequent, but as is generally the case, they came from those least fitted for it. One complaint we must notice. It was preferred by a man (H. P.), and it consisted of numerous accusations of cruelty on the part of attendants towards himself and other patients. This patient is a frequent complainant. We have gone into his case, and have questioned the attendants whom he specially inculpated, and have come to the conclusion that no reliance can be placed on his statements.

We have been satisfied with the personal condition in regard to cleanliness and neatness of dress of the patients, both male and female.

The Wards in the old building are generally in good order and very clean, and we must specially notice the good state of the beds and bed linen. But No. 6 Male Dormitory appeared to need some repairs to the plaster of the walls, and the ceiling requires white-washing.

We had no complaint of the diet. Yesterday a good Irish stew, with bread, was supplied for dinner, and to-day the fare was fish, with sauce and potatoes. Beer continues to be given to a large proportion of the patients, but it is not, we understand, given to those in the Annexe.

We observe that due attention continues to be given to the useful employment of the patients, and according to the returns supplied to us, 74 per cent. of the males and 76 per cent. of the females are usefully occupied in some way. The cultivation of the farm and garden affords occupation for 104 men. We are glad to find that the greater proportion of the patients have extended exercise ; and we are informed that the numbers not going beyond the Airing Courts, are 67 men and 124 women. Possibly even some of these might occasionally have longer walks.

The new Chapel, which is approaching completion, and which will seat over 700 patients, will, no doubt, produce a much larger attendance on Divine Service, but each service on Sunday last was attended by about 340 patients. The associated entertainments occur with the usual frequency, and are shared in by some 380 to 450 patients of both sexes.

We do not find any record of the use of mechanical restraint since the last visit, but 45 patients of both sexes were secluded on 138 occasions, and for a total of 1,033 hours.

The staff of attendants has, of course, been strengthened, and it now consists of 26 men and a woman for the male division, and 30 women for the female, for day duty, and 4 of each sex for night duty. Changes, we are glad to see, are still infrequent. A large proportion of the epileptics are now lodged in the Annexe, where they are under continuous supervision at night, as are also those, and the suicidally disposed patients, who are retained in the old building.

The day staff, which gives in the male division an attendant to 13 patients, and in the female, 1 to 15, though not very strong, seems to be adequate.

Among the additions and improvements effected since the last visit, other than the completion of the Annexe, we may notice the following:—

(1) Enlargement of the laundry and provision of additional machinery there, making this department now very complete. (2) An additional steam engine for pumping, &c. (3) The enlargement of the gasworks, which is nearly finished. (4) The completion of the sewage tanks, which are said to work satisfactorily. (5) Telephonic and electrical communication between different parts of the Asylum, and an electric recording clock, as a check on the night attendants. (6) Improvement of the means of extinguishing a fire, by connection of the hydrants with the tank on the new Tower, 80 ft. high, and the erection of a donkey pump to force water direct into a special hydrant by the Laundry and Kitchen. (7) The erection of a new Chapel, as already mentioned.

We have examined the Case Books and Medical records, and find them very well kept. Dr. COOKE is at present assisted by Mr. DOUTY, Mr. BRAINE, and Mr. ASLETT. Mr. ATKINSON is absent on leave, owing to ill health.

C. S. BAGOT, } Commissioners
REGINALD SOUTHEY, } in Lunacy.

[SCHEDULE 4.]

CHAPLAIN'S REPORT, 1885.

The Committee of Visiting Magistrates.

MY LORDS AND GENTLEMEN,

I have much pleasure in presenting the Fourteenth Annual Report of my Chaplaincy.

In common with the secular element of the Asylum its religious history has also some features in it peculiar to the past year.

From the opening of the Annexe last summer, and the return of our patients from the Rubery Hill Asylum, my daily work in the Wards has necessarily occupied considerably more time, and I beg here to record my thanks for the increase of my salary from July 1st, as remuneration for my added duties.

Your decision about the same time to erect a new Chapel to seat 720, has for ever set at rest the long mooted question of sufficient accommodation for Divine Worship; and judging from its state of approaching completion, we may reasonably hope to enter on the use of it very early in the New Year. When it is furnished with an Organ, partly by testamentary funds at your disposal, and partly by subscriptions of the staff, and, as we hope, of friends and others interested in the Institution, and when proper arrangements have been made for the Choir, all of which ought to be commensurate with the extensiveness of the Church, I hope to be able to conduct the Services with even greater efficiency and advantage to the Congregation than has been possible in the old building.

The latter was in use since the Spring of 1857, till the last Service in it on the 28th October last, when it was found time to begin the alteration of the benches to suit their new position. I am glad to have been able to obtain good photographs of its exterior, and Chancel part of the interior before it was dismantled, and to place copies in the Asylum as memorials of the past.

The order and nature of my duties remain as they have done for upwards of ten years.

The kindly reception I generally meet with on my visits through the Wards three times a week, and in the Hospitals daily, gives me

reason to think a Chaplain is an Officer duly appreciated and valued by those capable of religious sentiment, of whom I am happy to believe there is a goodly percentage, notwithstanding mental infirmities.

At the Sunday Services I have administered Holy Communion on six occasions to an average of twenty males and twenty-two females.

The attendance at the Wednesday Chapel Services and at Morning Prayers other days at eight o'clock has been highly satisfactory.

Public Services have been held also on Christmas Day, Good Friday, and Ascension Day; and Choral Services on the first of these, Easter and the Harvest Thanksgiving, October 11th.

The Sunday Morning Bible Class has averaged twenty-two males and thirty-three females, and is valuable as affording means of plain simple Bible instruction.

From the Library I have issued 478 volumes, of which 330 have been lent to patients; but, as I have remarked in former reports, this represents only a fraction of the reading, and therefore of the utility of the Library, as the books whilst lying about, are read by others besides those to whose names they are entered; and considering all risks they are generally in a good state of preservation. They deal, too, with a great variety of subjects, both secular and religious, and so furnish mental food for the varying taste of the readers.

The Saturday Evening Choir Practice has been, as aforetime, most ably conducted by Mr. DOUTY, Deputy Superintendent, to whom, with the Choir generally, our thankful acknowledgments are very greatly due. The attendance has been good, the record kept showing an average of nine males and ten females.

I am, my Lords and Gentlemen,

Faithfully your obedient Servant,

ALFRED BOND, B.A.,

CHAPLAIN.

Holly Mount, Powick,

December 11th, 1885.

[SCHEDULE 5.]

REPAIRS ACCOUNT, 1885.

RECEIPTS.

1885.	To Profit on Private and Out-County Patients, for the Four Quarters ended Michaelmas, 1885, as per detailed Account	£772	10	1
	By County, 8-9ths of £541 19s. 7d., to balance this Account	£481	15	2
	By City, 1-9th of like sum	60	4	5
		<hr/>	541	19 7
			<hr/>	<hr/>
			£1,314	9 8
			<hr/>	<hr/>

EXPENDITURE.

1885.				
Jan. 12.	Mr. Jenkins, Artizans' Wages	£23	15	4
	Mrs. Davenport, Superannuation Allowance...	3	0	0
	Mr. Watkins, Insurance	40	2	3
Feb. 2.	Tradesmen's Bills for Christmas Quarter, 1884	265	5	5
	Mr. Jenkins, Wages	23	1	4
	Mrs. Davenport, Superannuation Allowance ...	3	0	0
Mar. 2.	Mrs. Davenport, Superannuation Allowance ...	3	0	0
	Mr. Jenkins, Petty Cash	19	18	0
Mar. 30.	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Petty Cash	37	18	11
May 4.	Tradesmen's Bills for Lady Day Quarter, 1885	232	15	0
	Mrs. Davenport, Superannuation Allowance...	3	0	0
	Mr. Jenkins, Wages	29	13	0
June 1.	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Wages	42	0	6
July 6.	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Wages	33	1	4
Aug. 3.	Tradesmen's Bills for Midsummer Quarter ...	242	13	1
	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Petty Cash	23	19	11
Sept. 7.	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Wages	27	4	8
	Haden and Son, Repairing Engine	87	12	6
Oct. 5.	Mrs. Davenport, Superannuation	3	0	0
	Mr. Jenkins, Wages	22	6	4
Nov. 2.	Tradesmen's Bills for Michaelmas Quarter ...	66	4	5
	Mr. Jenkins, Wages	30	8	5
	Mrs. Davenport, Superannuation	3	0	0
Dec. 7.	Mr. Jenkins, Wages	23	9	3
	Mrs. Davenport, Superannuation	3	0	0
	Mr. J. Pountney, Superannuation	7	0	0
		<hr/>	<hr/>	<hr/>
			£1,314	9 8
			<hr/>	<hr/>

[SCHEDULE 6.]

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	44,827 16 4	6,083 7 0	50,911 3 4
	101,716 14 0	13,194 9 4	114,911 3 4
Principal Paid off	79,509 7 10	8,658 2 4	88,167 10 2
	22,207 6 2	4,536 7 0	26,743 13 2
Balance remaining due			

BEAUCHAMP, CHAIRMAN.

THE THIRTY-THIRD ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT

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

MY LORDS AND GENTLEMEN,

I have the honour to lay before you my Report on the condition and management of your Asylum for the year 1885, and to present with it the various statistical information and medical tables, to which is appended the financial statement of the general accounts, which has, as usual, been prepared by the Asylum Clerk, together with a table of the dietary, and some information as to the manner in which the patients have been employed.

The changes that occurred among the patients during the year were as follows:—

	Males.	Females.	Total.
Total number of patients remaining in the Asylum			
1st January, 1885	343	445	788
Admitted.....	82	103	185
Discharged	19	41	60
Died.....	50	42	92
Remaining in the Asylum on 31st December, 1885	356	465	821

The average number resident during the year was 344 males and 450 females. Of the total 821 remaining 25 males and 48 females are possibly curable cases.

ADMISSIONS.—From an examination of the above figures it will be seen that there were at the end of the year 33 more patients on the books of the Asylum than at the beginning, but it must be remembered that there are included in the admissions the 25 male and 30 female patients boarded out at the Rubery Hill Asylum, who were retransferred to this Asylum in July last. Excluding these from consideration, it will be seen that the admissions only amounted to 57 males and 73 females, or a total of 130; a considerable falling off, when it is considered that the average number of admissions for the last ten years has amounted to 166. No satisfactory explanation for this falling-off can be given, for no very special circumstances have existed during the past year to which this decrease can be attributed, and I fear that it is too abrupt to warrant a hope of its continuance. Further, enquiry has elicited the fact that, whilst in some of the Asylums in adjoining counties there has been a corresponding decrease, in others there has been an almost unprecedented increase in the number of the admissions. At present, therefore, it appears that the diminution had best be looked upon as accidental. Of the admissions it was considered that in only 48 of the cases, and of these but 17 were males, was there a possible chance of recovery. Out of this number 6 males and 13 females have already been discharged cured, and 2 males relieved. Ten males and 12 females, who were admitted during the year, have died, and 2 males have been discharged as not improved, leaving at the end of the year, out of a total of 185 admitted, 62 males and 78 females still under treatment. Of the incurable cases 22 (16 males and 6 females) were suffering from General Paralysis; 15 (10 males and 5 females) from Epilepsy; and 5 (2 males and 3 females) were cases of Idiocy, one of which was also combined with Epilepsy; besides these, 23 (8 males and 15 females) were over sixty years of age; 55 chronic patients (25 males and 30 females), the majority of whom were suffering from epilepsy, were re-admitted

from the Rubery Hill Asylum, in addition to which 4 males and 13 females were for a variety of other reasons deemed incurable. One criminal lunatic, included in the above total, was admitted, he having been declared insane whilst undergoing a sentence of three months' hard labour for vagrancy. Twenty-four males and 45 females were on admission stated to be suicidally disposed, and 58 males and 71 males were believed to be dangerous to others.

DISCHARGES.—Of the discharges 10 males and 36 females were discharged recovered, 6 males and 1 female relieved, and 3 males and 4 females not improved. The percentage of recovery on the total number of patients admitted, excluding those transferred from other Asylums, was 19.60 for the males and 49.99 for the females, or an average for the two of 37.39, as compared with 34.62 for the males and 44.77 for the females; total 39.77 in all the County and Borough Asylums in England and Wales for 1884. It is interesting to note the extraordinary disparity between the recovery rate in the male and that in the female cases, being in the proportion of one in two for the females, and only one in five for the males; this is to be accounted for by the fact that, of the male patients admitted during the last two years, the mental unsoundness was in an unusually large proportion of the cases due to structural disease of the brain.

One Board of Guardians in your County continues willingly to receive into its Union Workhouse such patients as I am able to recommend as proper cases to be relegated thereto; and with success, for during the last two years in no instance has it been found necessary to return to the Asylum any of these harmless chronic cases. They have indeed not been numerous, but the result indicates what might be done in this direction.

DEATHS.—The percentage of deaths on the average number resident was 14.53 for the males and 9.33 for the females, total, 11.58; as compared with 12.10 males and 8.25 females, total 10.03, in all the County and Borough

Asylums in England and Wales for the year 1884. Post-mortem Examinations were made in 88 out of the 92 cases of death. In Table XVII. will be found the causes of death, of which the following is a brief summary :—

	Males.	Females.	Total
Disease of the Brain	30	19	49
„ „ Heart and Lungs	9	7	16
„ „ Abdominal Organs	3	3	6
Other Causes	8	13	21
	—	—	—
Total	50	42	92

The death-rate is considerably higher than that of recent years, but this is what was expected, and has been foreshadowed in several recent reports as the outcome of the accumulation of years in which the death-rate has been much below the average.

PRIVATE PATIENTS.—Of the total number of patients remaining in the Asylum at the end of the year 11 males and 34 females belonged to the private class, as against 19 males and 32 females remaining at the end of the year 1884. During the twelve months 3 males and 2 females have been admitted, 2 males have been discharged relieved and one male not improved, 7 males and 2 females have died. Two females have been transferred from the pauper to the private class, and one male from the private to the pauper.

At page 77 will be found the rate of charge made in the case of every private patient remaining in the Asylum, together with the conditions on which these patients are admitted.

BIRTH.—One birth has occurred in the Asylum during the year ; the mother still remains under treatment.

ACCIDENTS.—It is a matter for thankfulness, considering the disarranged state of the Asylum consequent upon the additions and alterations, that no fatal accident has occurred during the year ; there have been but two serious injuries, one in the case of a female patient who made a determined attempt to commit suicide by cutting

her throat ; the other, in that of a male patient, suffering from paralysis, who rather seriously injured his chest by stumbling down a flight of stone steps, breaking two ribs. In both instances good recoveries were made. Beyond these, no cases call for special comment, all the other injuries being of minor importance.

INQUEST.—In no instance has the Coroner deemed it necessary to hold an inquest.

ESCAPES.—Three escapes have occurred. They were all unimportant in their character, in each instance the patient was brought back to the Asylum safely, the time of absence varying from half an hour to eight hours.

GENERAL HEALTH.—Excepting a large number of helpless bedridden cases, mostly between seventy and eighty-five years of age, and a considerable number of advanced cases of Paralysis, the health of the patients has been good. Three cases of Scarlet Fever, terminating in recovery, occurred in the Spring. The disease was somewhat prevalent in this district at the time. One nurse was attacked, in the early part of the year, with a very virulent form of Typhoid Fever, from which she recovered. No symptoms of the disease, or any concomitant Diarrhoea, having appeared however at the time amongst the patients or other members of the staff, it is probable that the disease was not contracted within the Asylum. I am of opinion, moreover, that the sanitary condition of the building is satisfactory. Several cases of Erysipelas occurred in April, one terminating fatally ; the disease, though the wards were undoubtedly overcrowded at the time, principally attacked patients who happened to have sores and ulcers.

EMPLOYMENTS AND RECREATIONS. — These continue to receive the attention their importance demands. Consequent upon the extension of the boundary walls to the north, it has been found possible to employ and utilize the labour of a class of patients, in levelling and laying out the Grounds round the new buildings, who had previously, to a large

extent, been confined to their Airing Courts for exercise, on account of their dangerous propensities, the new boundary wall affording the necessary protection to these patients, who could not with prudence have been allowed to work in the open fields or gardens. The result in reducing excitement, increasing content, and improving their physical health and mental condition has been most marked.

STAFF.—I continue to receive every assistance from my colleagues, Mr. HARRINGTON DOUTY and Mr. BRAINE, who have, together with all the other officers, especially aided me, by their willing support, in the organisation of the new buildings. The behaviour of the Staff has been exceptionally good. There have been but few changes. The only one requiring to be noted is that of the enforced resignation, on account of ill-health, of Mr. POUNTNEY, the Farm Bailiff, who had for many years proved himself a most valuable officer. Mr. MARK REYNOLDS was appointed in his stead in October. Owing to the extension of the Asylum the following additions have been made:—A Third Assistant Medical Officer has been appointed; four Male Day Attendants, and one Male Night Attendant; five Female Day Attendants, and two Female Night Attendants have been added to the strength in the Wards; and one Cook, one Housemaid, and one Kitchenmaid have been placed in the new kitchen. Dr. ASLETT, who is taking an active interest in his work, temporarily holds the post of Third Assistant Medical Officer until Mr. ATKINSON returns in the Spring.

GENERAL MATTERS.—The Buildings are in a satisfactory state of repair. The chief items of unusual expenditure on the Repairs Account have been the replacing of the old Pull Bells used for communication within the Building, which were quite worn out, by Electric Bells, and the thorough overhauling of the old Engine.

The profit on the Farm and Garden Account has amounted to £165. 19s. 8d., a great falling-off compared

with that of former years. This is to be accounted for by depreciation in the value of the stock, by a smaller yield, and by the low prices at which the produce has had to be sold.

The average weekly cost has been 7s. 10 $\frac{3}{4}$ d., which compares favourably with the average weekly cost in all the County Asylums for the year 1884, which was 9s. 0 $\frac{1}{2}$ d.

OPENING OF THE ANNEXE.—The occupation of the New Buildings, now commonly known as the Annexe, was commenced in July last, and by the end of the year the organization was fairly effected; a good deal, however, remains to be done before the arrangements will be perfected. By the opening of these New Buildings 210 beds have been added, so that there is now accommodation in the Asylum for a total of 944 patients; viz., 413 males and 531 females. The Annexe is situate to the north of the Asylum, a covered way, 6 $\frac{1}{2}$ ft. wide and about 500 ft. long, connecting the administrative departments of the former with those of the latter. The buildings, which are two-storied, present a frontage of about 380 ft., and are divided into four distinct blocks, the one to the east being for 70 male patients, whilst the two to the west provide accommodation, in equal proportions, for 140 female patients. The remaining block is devoted to administrative purposes. The plans have been drawn so that, if it should ever unfortunately prove necessary, two more blocks can be added on the female and one more on the male side. All the blocks are connected by a corridor 12 ft. wide, which runs, nearly due east and west, from one end of the building to the other. It is intersected at intervals by glazed screens so as to divide the various blocks from each other. The windows in the corridor are so situated, that there is an admirable cross-light and draught throughout its entire length. The blocks for the accommodation of patients are similarly built, each consisting, on the ground floor, of a day room 72 ft. long by 40 ft. wide and 14 ft. high, the connecting corridor running into it, and, in fact, forming a part of it on the north. Four single rooms, a

pantry and a store room, together with the passage leading to the sanitary block, and the stairs to the first floor are built off the north wall of the block and the part of the corridor immediately connected with it. The Attendants' Rooms are placed in the corners where the south wall of the corridor unites with the day room into which these rooms directly open. These arrangements permitted of windows being very frequently introduced along the whole of the south, and most of the east and west walls of the blocks, and, as a consequence, the day rooms and dormitories are very bright and well ventilated. Each Ward has a sanitary block, comprising a lavatory, W.C.'s, sink room, dirty linen room, and single bath room, built detached and connected by the passage already mentioned, due provision being thus made for cross ventilation.

There is a general bath room in each division built off the north side of the corridor. Each room contains six baths. The baths are of Stourbridge ware, and the closets are Jennings' patent. Scarcely any stone is used within the building, the stairs, pavement, sinks, etc., being all made of Stuart's granolith. The first floor in design is a repetition of the ground floor, the large room over each day room being used as a dormitory, in which 66 beds are placed. Each block has its own staircase.

The administrative block is practically divided into two parts by the corridor, the one on the south side consisting of accommodation for an Assistant Medical Officer, a Chief Male and Chief Female Attendant, and visiting rooms; whilst on the north side is situate the kitchens and other domestic offices, with rooms for the use of the servants. To the rear of the kitchens is a tower, 80 ft. high, supporting a water tank capable of holding 20,000 gallons. The Annexe being built on much higher ground than the Asylum the old water tower was not of sufficient height to serve the Annexe, nor was the old tank of sufficient capacity to keep up a continuous supply of water to the Asylum. The water is transmitted from the several

existing sets of pumps to the new tower in pipes, laid in a subway beneath the corridor connecting the Asylum with the Annexe. Besides supplying the buildings with water for household purposes, the new tank is connected with the system of hydrants which existed round the Asylum, as well as to the hydrants which have been placed round the Annexe; the head of water thus obtained would prove invaluable in the event of an outbreak of fire.

The Wards are heated by open fireplaces, and by Haden's Patent Steam Coils, the steam being generated in the boiler house, which has been enlarged as described in last year's report. The steam used in the kitchen is also derived from the same source. It travels through pipes placed with the water and gas mains in the subway above described.

The cooking apparatus in the kitchens consists of a set of four jacketed steam pots, two vegetable steamers, two gas ovens, and a large kitchener.

The Gas Works have been enlarged to meet the additional work thrown upon them, as have also the Laundry and Stores, so that, with the exception of the Kitchen, the Annexe is supplied and worked by all the old central departments, and by nearly the same staff of officers and servants.

The rain water from the roof is collected in the tanks already existing in the Laundry Yard, and forms an additional important storage for laundry and boiler purposes, for which the ordinary water, on account of its hardness, is unsuitable.

The sewage from the Annexe discharges itself, together with that from the main building, into the sewage tanks built two years since, whence it is distributed over the sewage land, now about twenty acres in extent.

All the surface water is carried, by a separate system of pipes, to a pool in an adjoining field and used for agricultural purposes.

A large Airing Court, commanding beautiful views of the surrounding country, is being laid out for the female

patients at the west end of the Annexe, and another at the north-east corner for the males; between the boundary walls and these Airing Courts a valuable piece of Garden Ground has been obtained.

Telephonic communication is maintained between the central department of the Annexe and that of the Asylum, by means of one of the Post Office instruments.

The buildings have been designed for the accommodation of Imbeciles, Idiots, and chronic demented patients suffering from Epilepsy, who are in a fairly satisfactory state of general health; good results are to be anticipated from this system of classification, which will relieve the curable, intelligent, and useful chronic patients from daily contact with a class whose society must be trying and harmful to them.

The furniture is generally suitable for its object. A considerable quantity has been made during the last three years in your own carpenters' shop, but the larger proportion was supplied under contract.

The buildings have been insured, and as a protection against fire, Tozer hand pumps, fire buckets, etc., are freely distributed throughout the building, in addition to the external hydrants already mentioned.

A distinct dietary for the patients in the Annexe has been framed, which will tend to a slight saving in expenditure. It varies from that given to the patients generally in the following particulars. Hot milk is substituted for coffee and chicory for breakfast, at which meal no butter is given. Less meat and no beer is given for dinner, whilst the quantity of bread and potatoes has been increased. At present, judging by the increase in the weight and the improved appearance of the patients, the alteration is meeting with success; doubtless, however, some of this improvement is due to the better sanitary condition as regards light, space, and warmth, to which they are subjected in the Annexe.

A very satisfactory instrument for checking, by means of electricity, the vigilance of the Night Attendants in the performance of their duties, has been introduced, not only in the Annexe but also throughout the Asylum.

In providing this extensive additional accommodation, the main objects that have been kept in view have been, to erect a building of an inexpensive character that shall, whilst ensuring adequate accommodation for the patients placed therein, allow of a systematic classification of the chronic and non-productive patients from the curable and chronic useful ones, and, by multiplying as little as possible the various administrative departments and officers connected therewith, and by introducing as economical a diet as is consistent with the wants of the patients, to maintain them at the least possible expense. I believe that time will prove that these objects have been attained, though it is obvious that consequent upon the sudden increase in the area of the buildings and the proportionate increased consumption of "necessaries" such as firing, gas, cleaning materials, etc., all these results may not be fully apparent until the buildings fill up.

I cannot close this report without thanking you for the support and confidence I have continued to receive at your hands during the past year, and for the substantial addition you have been pleased to make to my salary.

I have the honour to be,

My Lords and Gentleman,

Your obedient servant,

E. MARRIOTT COOKE,

MEDICAL OFFICER AND SUPERINTENDENT.

20TH FEBRUARY, 1886.

STATISTICAL AND MEDICAL TABLES.

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

	Males.	Females.	Totals.
Number of Patients at close of 1884	343	445	788
Admitted for the first time during the year	49	65	114
Re-admitted during the year	33	38	71
Total number under treatment	425	548	973
Discharged ... M. F. T. M. F. T.			
Of whom were Recovered 19 41 60 10 36 46			
" " Relieved ... 6 1 7			
" " Unimproved 3 4 7			
Died 50 42 92			
Total Discharged and Died during the year	69	83	152
Number of Patients at close of 1885	356	465	821
Average number resident throughout the } year..... }	344	450	794
Highest number in the Asylum during the } year, on any one day..... }	358	468	826
Lowest number in the Asylum during the } year, on any one day..... }	329	432	761

TABLE II.—General Results of each Year

Dates.	Admitted.			Discharged.								
				Recovered.			Relieved.			Unimproved.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
From Aug. 11th to Dec. 31st,												
1852	91	101	192	5	2	7	2	0	2	1	0	1
1853	52	45	97	9	16	25	2	3	5	1	2	3
1854	41	47	88	8	14	22	5	3	8	0	0	0
1855	53	48	101	19	19	38	7	5	12	0	0	0
1856	41	39	80	12	14	26	1	0	1	2	0	2
1857 (a)	74	56	130	18	11	29	2	0	2	3	0	3
1858 (a)	40	52	92	12	19	31	4	2	6	1	0	1
1859 (a)	56	64	120	17	26	43	5	4	9	1	1	2
1860 (a)	61	71	132	18	20	38	13	7	20	20	0	20
1861	62	68	130	16	26	42	4	7	11	2	0	2
1862	64	54	118	22	24	46	3	4	7	3	0	3
1863 (b)	62	97	159	23	31	54	7	4	11	4	0	4
1864 (b, c)	67	103	170	26	22	48	5	3	8	1	1	2
1865 (b, c)	72	68	140	15	34	49	2	1	3	3	1	4
1866 (b, c)	76	79	155	18	28	46	1	13	14	0	12	12
1867 (d)	79	80	159	25	25	50	9	7	16	3	1	4
1868 (d)	87	69	156	21	28	49	2	5	7	3	6	9
1869 (e)	82	74	156	20	30	50	1	5	6	4	0	4
1870 (f)	62	112	174	23	33	56	3	15	18	3	18	21
1871 (f)	107	68	175	30	49	79	11	13	24	2	8	10
1872 (f, g)	79	95	174	31	36	67	4	2	6	3	2	5
1873 (g, h)	85	72	157	24	28	52	2	5	7	8	24	32
1874 (g, j)	106	74	180	25	27	52	6	5	11	2	0	2
1875 (k)	78	82	160	23	31	54	1	7	8	14	0	14
1876 (k)	90	85	175	27	39	66	14	4	18	0	0	0
1877 (l)	98	82	180	23	43	66	5	9	14	0	0	0
1878 (l)	72	70	142	22	35	57	21	7	28	24	0	24
1879	98	83	181	27	37	64	6	7	13	2	1	3
1880	80	83	163	23	43	66	5	5	10	2	0	2
1881	81	83	164	18	44	62	3	3	6	4	0	4
1882 (m)	80	77	157	21	29	50	11	5	16	27	6	33
1883 (n)	80	86	166	21	26	47	2	12	14	10	22	32
1884 (n)	85	87	172	33	34	67	4	3	7	4	5	9
1885	82	103	185	10	36	46	6	1	7	3	4	7
Totals & Averages of 33.39 years...	2523	2557	5080	685	959	1644	179	176	355	160	114	274

During the years so marked there were resident :—

- a.—30 Male Patients from the Bedford Asylum.
 b.—30 Female Patients from the Abergavenny Asylum.
 c.—30 " " " Oxford Asylum.
 d.—45 " " " Oxford and 10 from the Abergavenny Asylums.
 e.—45 " " " Oxford Asylum.
 f.—24 " " " Northampton Asylum.

since the opening of the Asylum.

Year.	Died.			Remained at close of year.			Average number resident.			Per centage of deaths on average number resident.			Per centage of recoveries on admissions.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
From Aug 11 to Dec. 31,															
1852	2	2	4	81	97	178	69	83	152	2.9	2.4	2.6	5.5	1.9	3.7
1853	19	12	31	102	109	211	90	104	194	21.1	11.5	16.0	17.3	35.5	25.7
1854	26	25	51	104	114	218	104	112	216	25.0	22.3	23.6	19.5	29.8	25.0
1855	24	15	39	107	123	230	110	121	231	21.8	12.4	16.9	35.8	39.6	37.6
1856	17	13	30	116	135	251	114	130	244	14.9	10.0	12.3	29.3	35.9	32.5
1857	10	19	29	157	161	318	124	149	273	8.0	12.7	10.6	24.3	19.6	22.3
1858	15	13	28	165	179	344	159	171	330	9.4	7.6	8.5	30.0	36.5	33.7
1859	22	18	40	176	194	370	177	185	362	12.4	9.7	11.0	30.3	40.6	35.8
1860	27	23	50	159	215	374	168	206	374	16.0	11.1	13.3	29.5	28.2	28.8
1861	27	14	41	172	236	408	165	224	389	16.3	6.2	10.5	25.8	38.2	32.3
1862	24	21	45	184	241	425	181	236	417	13.2	8.9	10.8	34.3	44.4	39.0
1863	28	26	54	184	277	461	187	248	435	14.9	10.4	12.4	37.1	32.0	34.0
1864	34	36	70	185	318	503	187	312	499	18.1	11.5	14.0	38.8	21.3	28.2
1865	26	21	47	211	329	540	196	316	512	13.2	6.6	9.1	20.8	50.0	35.0
1866	30	23	53	238	332	570	221	337	558	13.5	6.8	9.5	23.7	35.4	29.6
1867	36	28	64	244	351	595	242	345	587	14.8	8.1	10.9	31.6	31.2	31.4
1868	44	27	71	261	354	615	254	349	603	17.3	7.6	11.7	24.1	40.6	31.4
1869	39	28	67	279	365	644	268	359	627	14.5	7.8	10.7	24.4	40.5	32.0
1870	47	32	79	265	379	644	275	366	641	17.0	8.7	12.3	37.1	29.4	32.2
1871	39	42	81	290	335	625	283	347	630	13.7	12.1	12.8	28.0	72.0	45.1
1872	35	26	61	296	364	660	296	349	645	11.8	7.4	9.4	39.2	37.9	38.5
1873	34	23	57	313	356	669	318	365	683	10.7	6.3	8.3	28.2	38.8	33.1
1874	34	21	55	352	377	729	331	366	697	10.2	5.7	7.9	23.6	36.5	28.9
1875	43	29	72	349	392	741	347	381	728	12.4	7.6	9.9	29.5	37.8	33.8
1876	54	33	87	344	401	745	351	388	739	15.4	8.5	11.8	30.0	45.9	37.7
1877	59	20	79	355	411	766	350	405	755	16.8	4.9	10.4	23.4	52.4	36.6
1878	51	17	68	309	422	731	351	416	767	14.5	4.0	8.8	30.5	50.0	40.1
1879	32	28	60	340	432	772	323	424	747	9.9	6.6	8.0	28.7	46.2	36.7
1880	43	48	91	347	419	766	343	423	766	12.5	11.3	11.8	30.6	53.1	42.3
1881	45	31	76	358	424	782	346	426	772	13.0	7.3	9.8	23.4	55.7	39.7
1882	40	28	68	339	433	772	345	427	772	11.5	6.5	8.8	26.9	40.8	33.5
1883	42	34	76	344	425	769	340	431	771	12.3	7.8	9.8	27.2	30.5	29.0
1884	45	25	70	343	445	788	347	432	779	12.9	5.7	8.9	40.2	40.9	40.6
1885	50	42	92	356	465	821	344	450	794	14.5	9.3	11.5	19.6	49.9	37.3
Totals	1143	843	1986	...	...	...	249	310	559	14.2	8.7	11.2	28.3	39.5	33.6

- g.—15 Male Patients from the Durham Asylum.
 h.—12 " and 30 Female Patients from the Northampton Asylum.
 j.—20 " Patients from the Stafford Asylums.
 k.—30 " " " " "
 l.—40 " " " " "
 m.—25 " and 5 Female Patients belonging to the County and City of Worcester, boarded out at the Rubery Hill Asylum.
 n.—25 " and 30 Female Patients belonging to the County and City of Worcester, boarded out at the Rubery Hill Asylum.

In calculating the per centage of Recoveries on the Admissions of the last seven years Transfers from other Asylums are excluded.

TABLE III.—*Showing the History of the Annual Admissions Deaths, and the number of each year's*

Admitted.					Of each Year's Admissions, Discharges, and Died, in 1885.												
Year.	New Cases.		Relapsed Cases.		Total.	Recovered.			Relieved.			Not improved.			Died.		
	M	F	M	F		M	F	Total.	M	F	Total.	M	F	Total.	M	F	Total.
From Aug. 11 to Dec. 31,																	
1852	91	101	0	0	192	...	...	...	...	...	...	...	...	...	1	1	2
1853	51	43	1	2	97	...	...	...	...	...	...	...	...	...	...	...	...
1854	38	44	3	3	88	...	...	...	...	...	...	...	...	...	...	...	...
1855	47	45	6	3	101	...	...	...	...	...	...	...	...	...	...	2	2
1856	36	36	5	3	80	...	...	...	...	...	...	...	...	...	...	...	...
1857	72	55	2	1	130	...	...	...	...	...	...	...	...	...	...	...	...
1858	38	47	2	5	92	...	...	...	...	...	...	...	...	...	...	...	...
1859	50	61	6	3	120	...	...	...	1	...	1	...	...	...	...	...	...
1860	59	63	2	8	132	...	...	...	...	...	...	...	...	...	...	...	...
1861	56	63	6	5	130	...	...	...	...	...	...	...	...	...	...	...	...
1862	60	47	4	7	118	...	...	...	...	...	...	...	...	...	...	...	...
1863	57	85	5	12	159	...	...	...	...	...	...	...	...	...	1	...	1
1864	60	89	7	14	170	...	...	...	...	...	...	...	...	...	...	...	...
1865	61	57	11	11	140	...	...	...	...	...	...	...	...	...	1	...	1
1866	66	65	10	14	155	...	...	...	...	...	...	...	...	...	1	1	2
1867	70	70	9	10	159	...	...	...	...	...	...	...	...	...	...	...	...
1868	82	60	5	9	156	...	...	...	...	...	...	...	...	...	...	...	...
1869	77	60	5	14	156	...	...	...	...	...	...	...	...	...	...	1	1
1870	52	100	10	12	174	...	...	...	...	...	...	...	...	...	...	...	...
1871	102	53	5	15	175	...	...	...	...	...	...	...	...	...	2	...	2
1872	68	77	11	18	174	...	...	...	...	...	...	...	...	...	...	...	...
1873	76	59	9	13	157	...	...	...	...	...	...	...	...	...	...	2	2
1874	94	62	12	12	180	...	...	...	...	...	...	...	...	...	1	...	1
1875	70	67	8	15	160	...	...	...	...	...	...	...	...	...	1	2	3
1876	82	68	8	17	175	...	...	...	...	...	...	...	...	...	...	1	1
1877	84	67	14	15	180	...	...	...	...	...	...	...	2	2	1	2	3
1878	64	54	8	16	142	...	...	...	...	...	...	...	...	...	1	2	3
1879	90	67	8	16	181	...	...	...	...	...	...	1	...	1	2	...	2
1880	73	66	7	17	163	...	...	...	...	...	...	...	1	1	3	2	5
1881	73	68	8	15	164	...	...	...	...	...	...	...	...	...	2	...	2
1882	72	61	8	16	157	...	...	...	...	...	...	...	...	...	4	4	8
1883	72	73	8	13	166	1	1	2	1	...	1	...	1	1	6	5	11
1884	78	73	7	14	172	3	22	25	2	1	3	...	...	...	13	5	18
1885	49	65	33	38	185	6	13	19	2	...	2	2	...	2	10	12	22
Totals	2270	2171	253	386	5080	10	36	46	6	1	7	3	4	7	50	42	92

since the opening of the Asylum, with the Discharges and Admissions remaining on the 31st December, 1885.

Year.	Total Discharged and Died of each Year's Admissions to 31st Dec., 1885.												Remaining of each year's Admissions Dec. 31, 1885.		
	Recovered.			Relieved.			Not improved.			Died.					
From Aug. 11 to Dec 31,	M	F	Total.	M	F	Total.	M	F	Total.	M	F	Total.	M	F	Total.
1852	15	14	29	5	5	10	4	1	5	59	66	125	8	15	23
1853	11	17	28	5	3	8	2	2	4	30	23	53	4	...	4
1854	13	22	35	8	4	12	...	1	1	19	19	38	1	1	2
1855	20	16	36	4	4	8	1	...	1	27	27	54	1	1	2
1856	11	11	22	1	1	2	3	1	4	23	23	46	3	3	6
1857	18	17	35	15	4	19	18	...	18	21	32	53	2	3	5
1858	9	23	32	4	1	5	1	...	1	25	19	44	1	9	10
1859	19	22	41	8	4	12	4	2	6	25	29	54	...	7	7
1860	21	29	50	2	7	9	2	...	2	33	29	62	3	6	9
1861	23	27	50	5	6	11	4	...	4	28	30	58	2	5	7
1862	17	26	43	3	2	5	2	...	2	36	24	60	6	2	8
1863	18	33	51	6	15	21	2	14	16	30	28	58	6	7	13
1864	22	24	46	7	16	23	5	20	25	28	35	63	5	8	13
1865	19	28	47	4	3	7	2	3	5	44	27	71	3	7	10
1866	24	34	58	4	4	8	2	1	3	40	31	71	6	9	15
1867	24	22	46	2	10	12	4	9	13	42	35	77	7	4	11
1868	22	28	50	3	5	8	7	...	7	44	31	75	11	5	16
1869	18	32	50	3	7	10	4	2	6	49	21	70	8	12	20
1870	22	43	65	2	3	5	1	19	20	31	29	60	6	18	24
1871	41	39	80	3	2	5	3	4	7	51	18	69	9	5	14
1872	29	45	74	1	6	7	15	1	16	29	26	55	5	17	22
1873	19	27	46	4	4	8	9	7	16	38	21	59	15	13	28
1874	25	28	53	11	10	21	10	2	12	48	22	70	12	12	24
1875	23	35	58	7	6	13	8	5	13	34	20	54	6	16	22
1876	24	34	58	12	6	18	3	2	5	38	26	64	13	17	30
1877	18	44	62	13	9	22	13	2	15	37	15	52	17	12	29
1878	23	30	53	5	5	10	2	...	2	38	20	58	4	15	19
1879	30	44	74	9	6	15	5	2	7	33	15	48	21	16	37
1880	16	36	52	4	3	7	4	1	5	38	29	67	18	14	32
1881	26	30	56	5	2	7	7	3	10	23	21	44	20	27	47
1882	17	29	46	4	7	11	6	3	9	33	11	44	20	27	47
1883	26	21	47	3	5	8	5	6	11	31	22	53	15	32	47
1884	16	36	52	5	1	6	...	1	1	28	7	35	36	42	78
1885	6	13	19	2	...	2	2	...	2	10	12	22	62	78	140
Totals	685	959	1644	179	176	355	160	114	274	1143	843	1986	356	465	821

Summary of the total Admissions from August 11th, 1852, to December 31st, 1885.

Per-centage of Cases	Recovered	Males.	Females.	Total.
"	Relieved	27.15	37.50	32.36
"	Not improved	7.10	6.88	6.99
"	Died	6.34	4.46	5.39
"	Remaining	45.30	32.97	39.10
"		14.11	18.19	16.16
		100.00	100.00	100.00

TABLE IV.—*Showing the Admissions, Re-admissions, Discharges and Deaths from the opening of the Asylum to the present date, December 31st, 1885.*

	Males.	Females.	Total.
Patients admitted during the period of } 33 years and 4 months	2270	2171	4441
Patients re-admitted	253	386	639
Total number of Cases admitted	2523	2557	5080
Discharged or removed :—			
Recovered M. 685 F. 959 T. 1644			
Relieved 179 176— 355			
Unimproved 160 114— 274			
Died 1143 843— 1986			
Total discharged and died	2167	2092	4259
Remaining December 31st, 1885	356	465	821
Average number resident during the } 33.39 years	249	310	559

TABLE V.—*Showing the Number of Admissions, Discharges, and Deaths in each Month of the year.*

Months.	Admissions.			Discharges.			Deaths.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
January	6	4	10	1	3	4	8	7	15
February	5	7	12	1	2	3	3	5	8
March	3	5	8	...	3	3	3	3	6
April	7	8	15	4	1	5	7	3	10
May	2	6	8	3	4	7	5	7	12
June	3	4	7	1	4	5	4	1	5
July	29	38	67	3	4	7	1	7	8
August	6	5	11	1	4	5	5	...	5
September	6	6	12	1	2	3	5	1	6
October	4	4	8	3	7	10	1	...	1
November	6	10	16	...	4	4	4	3	7
December	5	6	11	1	3	4	4	5	9
Totals	82	103	185	19	41	60	50	42	92

TABLE VI.—*Showing the Form of Mental Disease in those Admitted, Discharged, and Deceased during the year.*

Form of Mental Disease.	The Admissions			The Discharges.						The Deaths		
				Recovered.			Relieved or Unimpr'd.					
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MANIA	13	23	36	6	23	29	4	2	6	7	8	15
„ with Epilepsy	7	4	11	0	0	0	0	2	2	1	6	7
„ with General Paralysis	8	3	11	0	0	0	0	0	0	6	0	6
MELANCHOLIA.....	8	24	32	2	7	9	0	0	0	8	4	12
„ with Epilepsy	0	0	0	0	0	0	0	0	0	1	0	1
DEMENTIA.....	13	13	26	2	5	7	3	0	3	11	12	23
„ with Epilepsy	16	25	41	0	1	1	1	0	1	4	3	7
„ „ General Paralysis	8	3	11	0	0	0	0	0	0	10	4	14
Congenital or Infantile Mental Deficiency	4	3	7	0	0	0	1	0	1	0	4	4
Ditto with Epilepsy	5	5	10	0	0	0	0	1	1	2	1	3
Totals	82	103	185	10	36	46	9	5	14	50	42	92

TABLE VII.—*Showing the Class to which the Admissions, Discharges, and Deaths of the year are referred.*

CLASS.	Duration, &c., of Mental Disease on admission in four Classes.											
	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Relieved, or Unimproved.					
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
<i>First Class.</i> —Cases of first attack, and within 3 months on admission	12	34	47	5	20	25	3	1	4	16	13	29
<i>Second Class.</i> —Cases of first attack, above 3 and within 12 months on admission	15	12	27	1	5	6	1	0	1	11	7	18
<i>Third Class.</i> —Cases not of the first attack, and within 12 months on admission.....	6	14	20	2	7	9	0	1	1	7	7	14
<i>Fourth Class.</i> —Cases of first or not, but of more than 12 months on admission	41	41	82	0	3	3	3	2	5	14	15	29
Unknown.....	7	2	9	2	1	3	2	1	3	2	0	2
Totals	82	103	185	10	36	46	9	5	14	50	42	92

TABLE VIII.—*Showing the Number of Attacks of Insanity in the Admissions, Discharges, and Deaths of the year.*

No. of Attacks.	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Relieved or Unimproved.					
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Cases of first attack.....	57	69	126	6	27	33	6	2	8	38	28	66
„ second „	7	17	24	0	6	6	0	1	1	5	6	11
„ third „	2	3	5	1	0	1	0	0	0	0	1	1
„ fourth „	0	0	0	0	1	1	0	0	0	1	0	1
„ fifth „	0	1	1	0	1	1	0	0	0	0	0	0
„ sixth „	0	2	2	0	0	0	0	0	0	0	0	0
„ seventh „	0	0	0	0	0	0	0	0	0	1	0	1
Have had several attacks	1	1	2	1	0	1	0	0	0	2	2	4
Congenital	9	8	17	0	0	0	1	1	2	1	5	6
Unknown	6	2	8	2	1	3	2	1	3	2	0	2
Totals.....	82	103	185	10	36	46	9	5	14	50	42	92

TABLE IX.—*Showing the Assigned Causes of the Mental Disease in the Admissions of the Year.*

PHYSICAL CAUSES.	M.	F.	T.
General Paralysis...	15	6	21
" " Heredity and Plumbism ...	1	...	1
Epilepsy ...	18	23	41
" and Heredity ...	5	5	10
Heredity ...	2	5	7
" and Heart Disease (Mitral Regurgitation) ...	...	2	2
" " " (Fatty Degeneration) ...	...	1	1
" " Senility ...	1	3	4
" " Diabetes ...	1	...	1
" " Previous Attacks ...	1	...	1
" " " and Adverse Circumstances ...	...	3	3
" " " " Intemperance ...	1	...	1
" " Intemperance ...	3	...	3
" " Domestic Trouble... ..	1	1	2
Congenital... ..	8	8	16
Previous Attacks ...	1	2	3
" and Chronic Bronchitis ...	1	...	1
" " Anæmia ...	...	1	1
" " Intemperance ...	2	1	3
" " Seduction ...	...	1	1
" " Domestic Trouble ...	...	1	1
" " Adverse Circumstances ...	1	...	1
Degeneration of Old Age... ..	1	5	6
" " and Heart Disease ...	...	3	3
" " " Chronic Bronchitis ...	...	1	1
Parturition ...	...	2	2
" and Previous Attack ...	...	1	1
" " Heredity... ..	...	1	1
" " Malarial Fever ...	...	1	1
Change of Life ...	...	2	2
Typhoid Fever ...	1	...	1
Heart Disease (Aortic Regurgitation) ...	...	1	1
" (Mitral " ) ...	...	1	1
" and Adverse Circumstances ...	...	1	1
Anæmia ...	...	1	1
" and Mitral Disease and Drink ...	...	1	1
Privation ...	3	...	3
" and Heart Disease ...	...	1	1
" " Anæmia and Domestic Trouble ...	...	1	1
" " Domestic Trouble ...	...	1	1
Intemperance in Drink ...	2	1	3
" " and Mental Anxiety ...	1	...	1
Self Abuse... ..	1	...	1
Chorea ...	...	1	1
Kidney Disease and Domestic Trouble... ..	...	1	1
Total Physical Causes	71	90	161

TABLE IX.—(Continued).

MORAL CAUSES.							M.	F.	T.
Adverse Circumstances	...	...	...	...	...	...	1	2	3
Domestic Trouble	...	...	...	...	...	...	1	1	2
" and Previous Attacks	...	...	...	...	...	...	...	2	2
" " Privation	...	...	...	...	...	...	...	1	1
" " Anæmia	...	...	...	...	...	...	...	1	1
Fright	...	...	...	...	...	...	1	...	1
Total Moral Causes							3	7	10
" Physical							71	90	161
" Unknown							8	6	14
Total Cases							82	103	185

TABLE X.—*Occupations of those Admitted during the year.*

	Males.	Females.	Total.		Males.	Females.	Total.
Boilermaker's Labourer.	1	0	1	Brought forward ...	41	60	101
Bricklayer	1	0	1	Labourers (Agricultural)	5	1	6
Bricklayer's Labourer...	1	0	1	Lady's Maid.....	0	1	1
Brickmaker	0	1	1	Laundress	0	1	1
Butchers	2	0	2	Marine Engineer.....	1	0	1
Carpet Weavers	3	0	3	Mill Hand.....	0	1	1
Carter	1	0	1	Miners	5	0	5
Charwoman	0	4	4	Nailers	1	7	8
Clerks	3	0	3	Needle Makers.....	1	1	2
Commercial Traveller...	1	0	1	Needle Stamper	1	0	1
Domestic Servants	0	12	12	Packer	1	0	1
Draper's Assistant	1	0	1	Paper Box Maker.....	0	1	1
Dyer	0	1	1	Pensioner (Navy)	1	0	1
French Polisher	1	0	1	Plasterer	1	0	1
Gardeners	2	0	2	Plumber	1	0	1
Glass Cutter.....	1	0	1	Rag Sorter	0	1	1
Gloveresses	0	4	4	Sailors	2	0	2
Greengrocer's Daughter.	0	1	1	Sempstresses	0	2	2
Grooms	3	0	3	Schoolmistresses	0	2	2
Gun Polisher.....	1	0	1	Shoemakers	4	0	4
Housekeepers	0	5	5	Soldier	1	0	1
Housewives	0	31	31	Solicitor's Son	1	0	1
Ironmonger	1	0	1	Tailor.....	1	0	1
Ironmonger's Assistant..	1	0	1	Tanner's Daughter	0	1	1
Ironworker	1	0	1	Watchmaker.....	1	0	1
Labourer at Vinegar				None	12	24	36
Works	1	0	1	Unknown	1	0	1
Labourers (General) and							
Daughter of	15	1	16				
Carried forward...	41	60	101	Total	82	103	185

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

	Males.	Females.	Total.
Good or Fair Education	6	6	12
Can Read and Write	55	60	115
Can Read only	3	11	14
Can neither Read nor Write.....	15	23	38
Unknown.....	3	3	6
Total	82	103	185

TABLE XII.—*Showing the Social Condition of those Admitted, Discharged, and Died.*

Condition.	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Relieved, or Unimproved.					
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Single.....	44	45	89	6	17	23	6	3	9	0	22	22
Married	33	41	74	3	14	17	2	2	4	34	15	49
Widowed	3	17	20	0	4	4	0	0	0	2	5	7
Unknown	2	0	2	1	1	2	1	0	1	14	0	14
Totals	82	103	183	10	36	46	9	5	14	50	42	92

TABLE XIII.—*Showing the Religious Persuasion of those Admitted.*

	Males.	Females.	Total.
Church of England.....	56	76	132
Countess of Huntingdon	1	1	2
Roman Catholics	5	5	10
Wesleyans and Methodists	9	12	21
Presbyterians	1	1	2
Baptists	3	3	6
Unitarian.....	1	0	1
Plymouth Brethren	0	1	1
Christadelphian	0	1	1
Unknown	3	3	6
None.....	3	0	3
Total	82	103	185

TABLE XIV.—*Showing in Quinquennial Periods the Ages of those Admitted Recovered, and Died during the year 1885, and those Remaining on 31st December, 1885.*

AGES.	The Admis			The Discharges.						The Deaths.			Patients Resident 31st Dec., 1884.		
				Recovered.			Relieved or Uni mproved.								
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
From															
5 to 10 years	1	0	1	0	0	0	1	0	1	0	0	0	1	0	
10 „ 15 „	0	0	0	0	1	1	0	0	0	1	1	2	4	1	
15 „ 20 „	4	2	6	1	2	3	0	2	2	1	2	3	12	8	2
20 „ 25 „	11	9	20	1	5	6	0	1	1	0	1	1	26	22	4
25 „ 30 „	8	13	21	3	5	8	0	0	0	3	4	7	27	30	5
30 „ 35 „	9	18	27	1	9	10	4	1	5	2	3	5	33	43	7
35 „ 40 „	6	15	21	1	7	8	0	0	0	6	3	9	35	55	9
40 „ 45 „	14	8	22	1	1	2	0	0	0	5	1	6	49	59	10
45 „ 50 „	8	10	18	0	0	0	1	1	2	6	2	8	37	49	8
50 „ 55 „	4	7	11	0	2	2	0	0	0	1	7	8	42	38	8
55 „ 60 „	6	2	8	0	1	1	0	0	0	7	2	9	35	49	8
60 „ 65 „	3	6	9	0	2	2	2	0	2	8	3	11	13	43	5
65 „ 70 „	2	5	7	0	1	1	0	0	0	4	2	6	23	22	4
70 „ 75 „	2	3	5	1	0	1	0	0	0	4	7	11	9	25	3
75 „ 80 „	1	3	4	0	0	0	0	0	0	2	1	3	8	17	2
80 „ 85 „	0	2	2	0	0	0	0	0	0	0	3	3	1	3	
85 „ 90 „	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
90 „ 95 „	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Unknown ...	3	0	3	1	0	1	1	0	1	0	0	0	1	0	
Totals.....	82	103	185	10	36	46	9	5	14	50	42	92	356	465	82
Mean Age...	40.4	42.9	41.8	34.4	35.3	35.1	39.7	27.8	35.1	52.0	52.1	52.0	44.8	48.2	4

TABLE XV.—*Showing the Period of Residence of those Discharged, and of those who have Died during the year.*

Period of Residence.	Recovered.			Relieved, or Unimproved.			Died.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month	0	0	0	1	0	1	6	6	12
From 1 to 3 months	3	5	8	1	0	1	7	5	12
" 3 " 6 "	3	7	10	3	0	3	5	4	9
" 6 " 9 "	2	10	12	0	0	0	0	1	1
" 9 " 12 "	1	7	8	1	0	1	2	1	3
" 1 " 2 years	1	7	8	1	1	2	7	6	13
" 2 " 3 "	0	0	0	0	1	1	5	3	8
" 3 " 5 "	0	0	0	0	1	1	4	1	5
" 5 " 7 "	0	0	0	1	0	1	5	3	8
" 7 " 10 "	0	0	0	0	2	2	1	3	4
" 10 " 12 "	0	0	0	0	0	0	2	3	5
" 12 " 15 "	0	0	0	0	0	0	2	1	3
" 15 " 20 "	0	0	0	0	0	0	2	2	4
" 20 " 25 "	0	0	0	0	0	0	1	0	1
" 25 " 30 "	0	0	0	1	0	1	0	2	2
" 30 " 35 "	0	0	0	0	0	0	1	1	2
Totals	10	36	46	9	5	14	50	42	92

TABLE XVI. (Continued.)

	Males.	Females.	Total.
<i>Bad Health and Exhausted Condition, the result of—</i>			
Mania	0	1	1
" with General Paralysis.....	6	1	7
" " Heart Disease (Aortic Incompetence).....	0	1	1
" " Epilepsy	1	1	2
" " Chronic Bronchitis.....	0	1	1
Melancholia with Heart Disease (Mitral Incompetence)	0	5	5
" " " (Fatty Degeneration).....	0	2	2
" " Privation	1	0	1
" " Interstitial Nephritis	0	1	1
" " Chronic Enteritis.....	0	1	1
" " Cerebral Atrophy	1	0	1
" " Diabetes	1	0	1
Dementia	1	0	1
" with General Paralysis.....	7	3	10
" " Locomotor Ataxy, General Paralysis, and Plumbism	1	0	1
" " Epilepsy	3	3	6
" " " and Necrosis of Sternum	1	0	1
" " " and Pulmonary Tuberculosis ...	0	1	1
" " Heart Disease (Mitral Incompetence) ...	1	0	1
Dementia Senile	3	2	5
" " with Heart Disease (Mitral Incompetence)	1	4	5
" " " Interstitial Nephritis.....	0	1	1
" " " Chronic Bronchitis.....	0	1	1
Congenital Mental Deficiency	0	1	1
" " " with Heart Disease.....	0	1	1
" " " Hemiplegia.....	1	0	1
" " " Phthisis and Epilepsy..	0	1	1
Total	29	32	61

TABLE XVII.—*Showing the Cause in the case of every Death that occurred during the year.*

	M.	F.	T.
<i>The primary cause of Death being Cerebral or Spinal Disease.</i>			
Cerebral Hæmorrhage	2	3	5
Cerebro-Spinal Sclerosis.....	0	1	1
Cerebral Sclerosis	0	1	1
„ Tumour	2	1	3
„ Atrophy.....	5	2	7
„ „ with Aortic Aneurism.....	1	0	1
General Paralysis	15	4	19
Epilepsy	5	4	9
„ with Heart Disease	0	2	2
Cystic Arrest of Developement of R. Hemisphere	0	1	1
<i>The primary Cause of Death being Thoracic Disease.</i>			
Heart Diseases :—Mitral Stenosis.....	0	1	1
„ Incompetence	0	2	2
Aortic Incompetence	1	1	2
Fatty Degeneration	1	0	1
Lung Diseases :—Pneumonia	1	1	2
Capillary Bronchitis	0	1	1
Chronic Bronchitis with Necrosis of Skull.....	1	0	1
Pulmonary Tuberculosis.....	2	0	2
Broncho-Pneumonic Phthisis.....	2	1	3
Cancer of Lung	1	0	1
<i>The primary Cause of Death being Abdominal Disease.</i>			
Acute Peritonitis.....	0	1	1
Chronic Peritonitis and Cerebral Hæmorrhage	0	1	1
Interstitial Nephritis	1	1	2
Perforating Gastric Ulcer	1	0	1
Schirrus of Rectum.....	1	0	1
<i>Causes of Death not included in the above.</i>			
Senile Degeneration of Organs.....	4	9	13
Erysipelas with Aortic Incompetence	0	1	1
Schirrus of Œsophagus	0	1	1
Perforating Ulcer of Duodenum	1	0	1
Coxalgia with Lardaceous Disease of Organs	0	1	1
Diabetes	1	0	1
Cancer of Axilla	0	1	1
Bronchocele pressing on Trachea	1	0	1
Necrosis of Sternum and Epilepsy	1	0	1
Totals	50	42	92

TABLE XVIII.—*Showing the duration of the Mental Disease of those remaining in the Asylum on the 31st December, 1885.*

	Males.	Females.	Total.
Under 3 months	6	7	13
„ 6 „	8	11	19
„ 9 „	2	8	10
„ 1 year	2	6	8
„ 2 years	29	34	63
„ 3 „	17	18	35
„ 4 „	16	23	39
„ 5 „	16	26	42
From 5 to 10 years.....	62	61	123
„ 10 „ 15 „	31	54	85
„ 15 „ 20 „	30	43	73
„ 20 „ 25 „	22	26	48
„ 25 „ 30 „	8	26	34
„ 30 „ 35 „	9	11	20
„ 35 „ 40 „	5	12	17
„ 40 „ 45 „	5	6	11
„ 45 „ 50 „	2	1	3
For years (undefined)	24	33	57
Congenital	56	55	111
Unknown.....	6	4	10
Total.....	356	465	821

TABLE XIX.—*Showing the General Mental Condition of the Patients remaining in the Asylum on the 31st December, 1885.*

General Mental Condition.				Males.	Females.	Total.
1. Possibly Curable cases.....				25	48	73
2. Probably Incurable :—						
	M.	F.	T.			
(a) Imbeciles and Idiots, of whom						
21 males and 21 females are						
also Epileptic.....				58	54	112
(b) Epileptics				64	68	132
(c) General Paralytics, of whom						
1 female is also Epileptic				20	10	30
(d) Other forms of Insanity				188	284	472
				330	416	746
3. On Trial.....				1	1	2
Total				356	465	821

FINANCIAL STATEMENTS,
DIETARY TABLES,
AND
MISCELLANEOUS RETURNS.

County and City of Worcester Lunatic Asylum.

FINANCIAL STATEMENT.

*General Statement of the Receipts and Payments from the
1st day of January to the 31st day of December, 1885.*

RECEIPTS.

MAINTENANCE ACCOUNT.						
From Unions contributing to the Erection and Repairs of the Asylum for Lunatics viz. :—				£	s.	d.
Alcester ... ..	...	...	...	373	13	8
Bromsgrove ... ..	...	...	...	1584	12	8
Cleobury Mortimer... ..	...	...	...	86	3	4
Droitwich ... ..	...	...	...	1361	11	7
Dudley ... ..	...	...	...	1613	1	6
Evesham ... ..	...	...	...	498	15	0
Kidderminster ... ..	...	...	...	1833	18	9
Kingsnorton ... ..	...	...	...	1624	13	6
Martley ... ..	...	...	...	715	19	8
Newent ... ..	...	...	...	63	17	6
Pershore ... ..	...	...	...	797	13	0
Shipston-on-Stour ... ..	...	...	...	155	9	6
Solihull ... ..	...	...	...	279	18	10
Stourbridge ... ..	...	...	...	1462	2	2
Stow-on-the-Wold ... ..	...	...	...	47	16	8
Stratford-on-Avon ... ..	...	...	...	42	11	8
Tenbury ... ..	...	...	...	251	16	8
Tewkesbury... ..	...	...	...	71	16	2
Upton-on-Severn ... ..	...	...	...	1031	5	6
West Bromwich ... ..	...	...	...	518	5	10
Worcester ... ..	...	...	...	1916	12	6
From Treasurer of the County of Worcester for Wandering Lunatics				127	15	0
From Places not contributing to the Erection, &c., of Asylum, viz. :—						
Aston ... ..	...	...	...	4	12	0
Bath... ..	...	...	...	11	10	8
Chepstow ... ..	...	...	...	8	8	6
Hereford ... ..	...	...	...	3	4	0
Merthyr Tydfil ... ..	...	...	...	6	6	0
Prison Commissioners				39	2	0
Private Patients				1688	2	0
Sales... ..				1601	14	1
Total Receipts... ..						

16,331 15 8

127 15 0

34 1 2

39 2 0

1,688 2 0

1,601 14 1

19,822 9 11

PAYMENTS.

PROVISIONS.					£	s.	d.		s.	d.
Ale	...	...	...	...	40	12	6			
Arrowroot	...	...	...	...	10	1	3			
Bacon	...	...	...	...	175	15	6			
Barm	...	...	...	...	16	12	0			
Beer Duty, &c	...	...	...	...	174	19	6			
Butter	...	...	...	...	261	14	10			
Cheese	...	...	...	...	140	6	3			
Chicory	...	...	...	...	9	12	9			
Coffee	...	...	...	...	67	15	11			
Currants and Raisins	...	...	...	...	82	12	1			
Eggs	...	...	...	...	105	16	8			
Fish	...	...	...	...	278	12	10			
Flour	...	...	...	...	1197	0	0			
Poultry	...	...	...	...	21	11	7			
Hops	...	...	...	...	58	12	5			
Lard	...	...	...	...	3	8	3			
Lemons and Oranges	...	...	...	...	6	10	0			
Malt	...	...	...	...	281	0	10			
Meat, Canadian Pork	...	...	...	...	174	12	9			
„ Purchased Fat Stock	...	...	...	...	1430	5	2			
„ Preserved	...	...	...	...	537	14	5			
Milk, Swiss	...	...	...	...	169	1	6			
Molasses	...	...	...	...	4	1	2			
Mustard	...	...	...	...	6	6	0			
Oatmeal	...	...	...	...	5	1	6			
Pepper	...	...	...	...	7	9	4			
Potatoes	...	...	...	...	116	3	1			
Rice	...	...	...	...	1	10	9			
Salt	...	...	...	...	5	13	4			
Sauces	...	...	...	...	1	1	0			
Split Peas	...	...	...	...	4	11	3			
Spices	...	...	...	...	24	10	0			
Sugar	...	...	...	...	257	16	1			
Tea	...	...	...	...	255	11	1			
Vinegar	...	...	...	...	8	16	0			
								5942	19	7
Carried forward								5942	19	7

	£	s.	d.	£	s.	d.
Brought forward	1572	10	5	10,731	6	4
Thimbles	1	6	3			
Tweed	63	7	7			
Umbrellas and Repairs	0	5	6			
Worsted	4	19	0			
				1642	8	9
NECESSARIES.						
Baskets	15	1	9			
Bathbricks	1	13	0			
Blacking	1	15	0			
Black Lead	4	8	2			
Blue	4	4	0			
Brushes	100	3	6			
Coals, Cannel, and Wigan for Gas..	272	14	1			
„ Kibbles or Nuts	261	2	9			
„ Kilburn	139	6	4			
„ Lumps	558	13	11			
„ Smiths'	7	8	3			
Candles	5	0	6			
Earthenware and Glass	71	12	11			
Gas Stoker's Wages	33	9	0			
Gutta Percha Chambers	33	8	0			
House Flannel	53	14	0			
Ironmongery	170	15	5			
Laundry Man, Wages	31	4	0			
Lime for Gas	16	1	8			
Matches	2	11	9			
Soaps	156	2	1			
Soda	20	1	5			
Starch	13	13	6			
Water Supply Man, Wages	31	6	0			
				2005	11	0
FURNITURE AND BEDDING.						
Air Cushions, Repairs	0	5	0			
Bed Ticking	63	4	6			
„ Rugs	122	4	2			
Blind Cord	3	17	8			
Blinds	4	0	11			
Blankets	214	19	2			
Carpets	39	17	4			
Carpet Binding	1	17	6			
Chair Gimp and Pins	1	5	0			
Chairs and Repairs	0	4	3			
Curled Hair	46	4	0			
Cotton, Knitting	7	11	4			
Curtain Binding	3	18	0			
Holland	12	15	1			
Carried forward	522	3	11	14,379	6	1

	£	s.	d.	£	s.	d.
Brought forward ...	522	3	11	14,379	6	1
Flocks ...	16	10	0			
Feathers ...	4	1	8			
Huckaback ...	45	11	7			
Looking Glasses, Repairs...	0	12	0			
Linoleum ...	52	0	6			
Mattress Binding ...	4	0	0			
Macintosh Sheeting ...	28	7	6			
Mats... ...	13	11	7			
Oil Cloth ...	0	16	5			
Rugs, Hearth ...	25	8	1			
Sea Grass ...	15	16	0			
Sheeting ...	250	5	8			
Table Cloths ...	25	17	10			
Upholsterer, Wages ...	40	6	0			
Wire Blinds... ...	3	0	6			
Upholstery ...	1	3	10			
Webbing ...	0	9	0			
				1,050	2	1
FARM AND GARDEN.						
Besoms ...	0	16	6			
Blacksmith ...	9	19	3			
Bran... ...	47	0	0			
Butcher ...	5	8	0			
Beast Pastures ...	0	0	7			
Cows ...	192	8	0			
Commission on Live Stock purchased	6	1	0			
Cultivator, Hire of...	13	3	0			
Drainers' Wages ...	6	13	6			
Edderings ...	0	12	6			
Grinding Corn ...	4	4	6			
Gratuity to Harvest Men ...	7	0	0			
Guano ...	32	10	4			
Grease for Carts, &c. ...	0	10	0			
Halters ...	0	14	0			
Haywarden ...	1	0	0			
Hire of Sacks ...	2	14	0			
„ Thrashing Machine ...	11	2	0			
Horses ...	15	7	0			
Horse Rugs ...	0	7	6			
Implements and Repairs ...	14	15	3			
Licence for Servants ...	3	15	0			
Oil Cake ...	15	15	0			
Oats ...	1	15	0			
Pigs ...	64	14	6			
Plants ...	0	15	0			
Rates and Taxes ...	132	6	9			
Rent ...	434	4	0			
Carried forward ...	1025	12	2	15,429	8	2

	£	s.	d.	£	s.	d.
Brought forward	1025	12	2	15,429	8	2
Sawing Timber	7	4	6			
Saddlery	5	0	0			
Seeds	68	16	10			
Sharps	23	3	6			
Scythes and Rubbers	3	17	0			
Veterinary Surgeon	4	19	9			
Wages of Servants	219	10	6			
Wheelwright	42	3	0			
				1400	7	3
MISCELLANEOUS.						
Advertising	26	0	9			
Amusements	13	6	5			
Birds	1	0	0			
Bird Seed	11	13	6			
Boiler Insurance	6	5	0			
Books and Periodicals	65	1	8			
Cards, Playing	4	0	0			
Carriage of Goods... ..	42	7	1			
Clocks and Repairs	14	7	0			
Coloured Paper	2	16	4			
Corks	0	2	6			
Cooperage	41	13	8			
Cricket Bats, &c.	2	9	6			
Coffin Boards	6	14	10			
Draught Boards	3	8	0			
Difference in Charge, Patient at Fisherton	19	0	2			
Excapes	0	1	6			
Fish for Aquaria	2	0	0			
Flower Pots	7	18	8			
„ Seeds	10	9	0			
Gratuities	33	19	0			
Killing Rats	1	11	6			
Lawn Mower and Repairs	2	11	0			
Licence for Porters	1	10	0			
Music, Instruments, and Repairs... ..	30	14	3			
Marking Ink	3	10	0			
Nuts for Parrots, &c.	0	5	0			
Oil	10	15	0			
Postage Stamps	46	6	7			
Printing	113	17	2			
Printing Report	53	17	6			
Post-bag Fees	2	1	0			
Stationery	61	0	8			
Subscription to Powick School	5	0	0			
„ Churchyard	5	0	0			
Sugar and Tea Papers	9	13	1			
Carried forward	662	7	4	16,829	15	5

	£	s.	d.	£	s.	d.
Brought forward	662	7	4	16,829	15	5
Thermometers and Repairs	9	1	8			
Telegrams	0	19	9			
Telephone, Hire of	13	5	0			
Tobacco and Snuff	104	8	7			
Travelling	18	15	8			
Tubing, India Rubber	3	0	7			
Waste Paper	9	1	0			
	<hr/>	<hr/>	<hr/>	820	19	7
Total Payments				17,650	15	0

*Abstract of the Receipts and Payments on account of the County & City
day of December, 1885, as prepared by the Clerk of the Asylum,
DR.*

RECEIPTS.	£	s.	d.	£	s.	d.
1st Jan., 1885.						
To Treasurer's Balance	2,030	17	2			
„ Clerk's ditto	168	10	1			
	2,199	7	3			
„ Less Balance due to Treasurer on New Building Account ..	1,631	18	7	567	8	8
„ Cash from Sales of Goods from Stores and Farm				1,601	14	1
„ Ditto from Unions within the County of Worcester.....				16,331	15	8
„ Ditto from Treasurer of the County of Worcester for Wandering Lunatics.....				127	15	0
				34	1	2
„ Ditto from Out Counties				1,688	2	0
„ Ditto for Private Patients.....				1,314	9	8
„ Ditto for Repairs				39	2	0
„ Ditto from Prison Commissioners				26,890	2	2
„ Ditto for New Buildings						
20th March, 1886.						
FRED. A. WHEELER, AUDITOR.						
				48,594	10	5

of Worcester Lunatic Asylum, from the 1st day of January to the 31st pursuant to the Act 16 and 17 Vic., cap. 97, sec. 58.

CR.

PAYMENTS.	£	s.	d.	£	s.	d.
By Salaries and Wages	4,334	9	10			
„ Provisions	5,942	19	7			
„ Wines and Spirits	220	18	0			
„ Necessaries, Fuel, &c.	2,005	11	0			
„ Surgery and Dispensary	232	18	11			
„ Clothing	1,642	8	9			
„ Furniture and Bedding	1,050	2	1			
„ Farm and Garden	833	16	6			
„ Rent, Rates, Taxes, &c.	566	10	9			
„ Miscellaneous, viz.:—						
Printing, Stationery,						
Tobacco, &c.....	820	19	7			
„ Less difference in						
Funerals and Allow-						
ances	66	9	5	754	10	2
„ Gross Payments as above on						
account of Maintenance (for						
details see pages 60 to 65).						
less deductions as above stated						
also see page 69)				17,584	5	7
„ Funerals, Removals, and Allow-						
ances (repaid in Maintenance						
Account)				121	3	8
„ Amount transferred to Repairs						
Account, being Profit on Out						
County and Private Patients				772	10	1
„ Fisherton Asylum, per Stour-						
bridge Union, for Maintenance						
of Patient				21	5	10
„ Rubery Hill Asylum, per Unions						
to which the several Patients						
belong	932	11	6			
„ Differential charge, being excess						
beyond ordinary rate, and 14s.						
per week	672	10	6			
„ Cost of removing Patients to						
and from Asylum	16	13	3	1,621	15	3
„ Repairs.....				1,314	9	8
„ Amount refunded on account						
of Board of Private Patients						
received in excess				1	14	3
„ New buildings				22,595	11	6
31st Dec., 1885.						
By Treasurer's Balance	1,759	6	5			
„ Clerk's ditto	139	16	1			
„ New buildings ditto	2,662	12	1	4,561	14	7
				48,594	10	5

Statement showing the Average Weekly Cost on the Net Expenditure.

ITEMS OF EXPENDITURE.	Amount.			Average.	
	£	s.	d.	s.	d.
Provisions	5851	11	2	2	10
Clothing	1642	8	9	0	9½
Salaries and Wages	4462	9	9	2	2
Necessaries	2005	11	0	0	11¾
Surgery and Dispensary	232	18	11	0	1¼
Wines and Spirits	220	18	0	0	1¼
Furniture and Bedding	1050	2	1	0	6
Farm and Garden	1664	7	5	0	9¾
Miscellaneous	754	10	2	0	4½
	17,884	17	3	8	8
Less Received for Goods Sold from Farm and Stores	1601	14	1	0	9¼
	16,283	3	2	7	10¾
Aggregate Number of Days' Residence				288,810	
Daily Average Number Resident				791	

B A L A N C E S H E E T ,

ASSETS.	£	s.	d.	£	s.	d.
To Treasurer's Balance	1759	6	5			
„ Clerk's „	139	16	1			
				1899	2	6
„ Amount due this day from Unions, &c., for Maintenance and care of Patients				1734	15	11
„ Amount owing by sundry Persons for Goods Sold				116	3	6
„ Amount on Deposit at Bank				500	0	0
				4250	1	11

Statement showing Actual Expenditure for the Year.

	£	s.	d.	£	s.	d.
Gross Payments on Account of Maintenance (see page 67) ...				17,584	5	7
<i>Add</i>						
Increase in Amount owing for Salaries and Wages ...	127	19	11			
Increase in Amount owing to Sundry Persons ...	28	14	9			
Decrease in Stock ...	167	13	10			
				324	8	6
<i>Deduct</i>						
Increase in Sales ...	23	16	10	17,908	14	1
Sales ...	1601	14	1			
				1625	10	11
Balance, being Net Expenditure.				16,283	3	2

Equal to an Average Weekly Cost per Patient of 7s. 10½d.

1st JANUARY, 1886.

LIABILITIES.				£	s.	d.
By Amount due this day to Tradesmen on Account of Patients' Maintenance ...	...	...	...	838	18	2
„ Repairs Account, Profit on Out County and Private Patients ...	...	...	...	175	17	9
„ Salaries and Wages ...	...	...	...	741	0	9
Surplus Balance ...	...	...	...	2494	5	3
20th March, 1886.						
FRED. A. WHEELER, AUDITOR.				4250	1	11

Dr. Profit and Loss Account of the Farm and Garden

	£	s.	d.	£	s.	d.
To Stock 1st January, 1885				2,539	11	4
„ Seeds, Live Stock, Wages, Rent of Land, Taxes, &c., viz. :—						
Lady Day Quarter	418	1	10			
Midsummer Quarter	228	19	10			
Michaelmas Quarter	545	12	8			
Christmas Quarter	223	6	0			
				1,416	0	4
„ Presumed Rent of Freehold				84	3	0
„ Wash and Grains from Asylum ...				90	0	0
„ Wages of Farm Bailiff, two Gardeners, and two Farm Ser- vants not included in above...				330	0	0
„ Balance, being Profit on the Year				165	19	8
 20th March, 1886.						
 FRED. A. WHEELER, AUDITOR.						
				4,625	14	4

for the year ending 31st December, 1885.

Cr.

	£	s.	d.	£	s.	d.
By Supplied to the Asylum :—						
656 Gallons New Milk	32	16	0			
16,746 „ Seconds ditto	558	4	0			
198 $\frac{7}{8}$ Quarts Cream.....	13	5	2			
2,991 $\frac{1}{2}$ lbs. Butter	199	8	8			
12,376 lbs. Pork	324	3	6			
2,748 lbs. Veal	73	7	8			
172 lbs. Lamb	4	14	11			
7,114 lbs. Beef	184	12	7			
1 609 lbs. Bacon	46	10	7			
1,800 Gallons Cider and Perry	30	0	0			
Roots, Vegetables, Herbs, Fruit, &c.	369	4	6			
				1,836	7	7
By Sales, &c. :—						
824 Pints New Milk	5	3	0			
99 „ Seconds	0	8	3			
61 $\frac{7}{8}$ „ Cream	2	1	3			
290 $\frac{1}{2}$ lbs. Fresh Butter	19	7	4			
1 Old Horse	1	0	0			
16 Calves	30	5	0			
2 Boars	4	10	5			
1,032 Bushels Wheat	210	10	0			
88 „ Barley	17	12	0			
12 „ Beans	2	10	0			
12 „ Oats	1	11	6			
6 cwt. Bran	1	10	0			
10 „ Hay	1	10	0			
5 „ Onions	2	2	6			
6 Pots Damsons	3	3	0			
8 „ Pears.....	1	12	0			
Hides, Skins, and Fat.....	14	4	10			
Use of Bull and Boar	3	11	6			
Rent of Cottages	8	8	0			
				331	0	7
By Hauling and other Horse Work for Asylum				172	5	0
Keep of Fat Stock				10	10	0
Stock 31st December, 1885				2,275	11	2
				4,625	14	4

*Contract Prices for the several Articles of Consumption in the
County and City Lunatic Asylum for the year 1885.*

ARTICLES.	Lady-day Quarter.	Midsummer Quarter.	Michaelmas Quarter.	Christmas Quarter.	Average for the Year 1885.	Average for the Year 1884.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
*Arrowroot, per lb. ....	...	...	...	...	0 5 $\frac{3}{4}$	0 4 $\frac{1}{2}$
Bacon, per lb.	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7	0 7 $\frac{3}{8}$	0 7 $\frac{5}{16}$
*Bath Bricks, per hundred...	...	...	...	...	5 6	5 6
*Black Lead, per lb. ....	...	...	...	...	0 4	0 3
*Blacking, per gross ....	...	...	...	...	2 4	2 4
*Blue, per lb. ....	...	...	...	...	0 9	0 8 $\frac{3}{4}$
*Candles, Dips, per 12 lbs. ...	...	...	...	...	4 6	5 2
* " Comp., " .....	...	...	...	...	5 6	6 6
Cheese, per cwt.	54 0	46 8	44 0	37 4	45 6	52 11 $\frac{1}{2}$
*Chicory, " .....	...	...	...	...	36 0	34 0
Coal, Lumps, per ton ...	12 0	11 9	11 9	11 6	11 9	11 9
" Wigan Gas, "	15 6	15 3	15 3	14 0	15 0	15 10
" Cannel, "	24 0	23 6	23 0	15 0	21 4 $\frac{1}{2}$	24 9
" Kibbles, "	10 9	10 0	10 9	10 3	10 5 $\frac{1}{4}$	10 2 $\frac{1}{4}$
" Kilburn "	18 0	17 6	17 6	15 0	17 0	...
Coffee, Roasted, per cwt. ...	90 0	86 0	90 0	89 0	88 9	91 1
Currants, per cwt.	23 6	25 0	30 0	26 6	26 3	28 4 $\frac{1}{2}$
Flour, Seconds, per 280 lbs.	25 0	25 0	25 6	25 0	25 1 $\frac{1}{2}$	28 3
" Thirds "	22 0	23 0	22 6	22 0	22 4 $\frac{1}{2}$	26 3 $\frac{3}{4}$
Malt, per 42 lbs.	5 3	5 3	5 2	5 2	5 2 $\frac{1}{2}$	5 6 $\frac{1}{4}$
*Molasses, per cwt. ....	...	...	...	...	8 0	11 6
*Mustard, per lb. ....	...	...	...	...	0 7	0 8
Oatmeal .....	...	...	16 6	16 6	16 6	...
*Pepper, per lb. ....	...	...	...	...	0 8	0 8
Raisins, per cwt. ....	...	...	...	38 0	38 0	37 0
*Rice, per cwt. ....	...	...	...	...	12 0	12 9
*Salt, per ton .....	...	...	...	...	28 4	28 4
Soft Soap, per 64 lbs.	8 6	8 6	8 5	8 3	8 5	8 8 $\frac{1}{2}$
*Soda, per cwt. ....	...	...	...	...	4 6	4 3
*Split Peas, per cwt. ....	...	...	...	...	12 3	12 9
*Starch, Common, per cwt. ....	...	...	...	...	21 6	22 6
* " Glenfield, " .....	...	...	...	...	46 0	45 0
Sugar, Lump, per cwt.	23 4	22 0	23 6	23 0	22 11 $\frac{1}{2}$	27 4 $\frac{1}{2}$
" Raw, "	21 0	19 6	23 0	22 0	21 4 $\frac{1}{2}$	26 7 $\frac{1}{2}$
Snuff, per lb.	3 7	3 7	3 7	3 7	3 7	3 7
Tobacco, per lb.	3 5	3 5	3 5	3 5	3 5	3 5
Tea, per lb.	1 3	1 3	1 3	1 2 $\frac{1}{2}$	1 2 $\frac{7}{8}$	1 3
*Vinegar, per gallon .....	...	...	...	...	0 8 $\frac{1}{4}$	0 8 $\frac{1}{4}$

Those marked * are Contracted for by the year.

PATIENTS' GENERAL DIETARY SCALE.

	BREAKFAST, 7 A.M.		DINNER, 1 P.M.		SUPPER, 6 P.M.	
	Males.	Females.	Males.	Females.	Males.	Females.
SUNDAY	1 pint coffee, 6 oz. bread, $\frac{1}{2}$ oz. butter.	1 pint coffee, 5 oz. bread, $\frac{1}{2}$ oz. butter.	5 oz. fresh roast meat, cooked without bone; 10 oz. potatoes, peeled and uncooked; 4 oz. bread, $\frac{1}{2}$ pt. beer.	4 oz. fresh roast meat, cooked without bone; 10 oz. potatoes, peeled and uncooked; 3 oz. bread, $\frac{1}{2}$ pt. beer.	1 pint tea, 6 oz. bread, $\frac{1}{2}$ oz. butter.	1 pint tea, 5 oz. bread, $\frac{1}{2}$ oz. butter.
MONDAY	" "	" "	<i>Stew</i> , 1 pt., consisting of 3 oz. tinned mutton, 10 oz. potatoes, peeled and uncooked; 2 oz. carrots, 1 oz. onions, herbs. 4 oz. bread, $\frac{1}{2}$ pt. beer.	<i>Stew</i> , 1 pt., consisting of 3 oz. tinned mutton, 10 oz. potatoes, peeled and uncooked; 2 oz. carrots, 1 oz. onions, herbs. 3 oz. bread, $\frac{1}{2}$ pt. beer.	" "	" "
TUESDAY	" "	" "	12 oz. fish, cleaned and uncooked; or 5 oz. boiled meat without bone; 10 oz. potatoes, peeled and uncooked; 4 oz. bread, $\frac{1}{2}$ pt. beer.	12 oz. fish, cleaned and uncooked; or 4 oz. boiled meat without bone; 10 oz. potatoes, peeled and uncooked; 3 oz. bread, $\frac{1}{2}$ pt. beer.	" "	" "
WEDNESDAY	" "	" "	10 oz. suet pudding, 1 oz. cheese, 4 oz. bread, $\frac{1}{2}$ pt. beer.	8 oz. suet pudding, 1 oz. cheese, 3 oz. bread, $\frac{1}{2}$ pt. beer.	" "	" "
THURSDAY	" "	" "	<i>Pie</i> , 16 oz., composed of 4 oz. tinned beef, 3 oz. flour for crust, $\frac{1}{2}$ oz. lard or dripping, 10 oz. potatoes, peeled and uncooked, $\frac{1}{2}$ oz. onions, herbs. $\frac{1}{2}$ pt. beer.	<i>Pie</i> , 12 oz., composed of to the lb. 4 oz. tinned beef, 3 oz. flour for crust, $\frac{1}{2}$ oz. lard or dripping, 10 oz. potatoes, peeled and uncooked; $\frac{1}{2}$ oz. onions, herbs. $\frac{1}{2}$ pt. beer.	" "	" "
FRIDAY	" "	" "	5 oz. boiled pork cooked, 12 oz. cabbage, carrots, or parsnips, uncooked, 4 oz. bread, $\frac{1}{2}$ pt. beer.	4 oz. boiled pork cooked, 12 oz. cabbage, carrots, or parsnips, uncooked, 3 oz. bread, $\frac{1}{2}$ pt. beer.	" "	" "
SATURDAY	" "	" "	<i>Soup</i> , 1 pt., composed of 2 oz. fresh meat, or bacon scraps, &c., 1 oz. bones, meat liquor of previous day, 2 oz. split peas, $\frac{1}{2}$ oz. oatmeal, 2 oz. potatoes, 1 oz. carrots, $\frac{1}{2}$ oz. leeks or onions, herbs. 6 oz. bread, $\frac{1}{2}$ pt. beer.	<i>Soup</i> , 1 pt., composed of 2 oz. fresh meat, or bacon scraps, &c., 1 oz. bones, meat liquor of previous day, 2 oz. split peas, $\frac{1}{2}$ oz. oatmeal, 2 oz. potatoes, 1 oz. carrots, $\frac{1}{2}$ oz. leeks or onions, herbs. 5 oz. bread, $\frac{1}{2}$ pt. beer.	" "	" "

BREAKFAST.—To make one gallon of coffee— $\frac{1}{2}$ oz. coffee, $\frac{1}{2}$ oz. chicory, 4 oz. sugar, 12 oz. skimmed milk.

DINNER—WEDNESDAY.—To make 1 lb. suet pudding—flour 7 oz., suet $1\frac{1}{2}$ oz., skimmed milk 2 oz., water, salt. (Rhubarb or fresh fruits to be added when in season. To be served with treacle or vinegar dip.)

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

The working Patients on the Farm, in the Workshops, Laundry, and Wards, are allowed 4 oz. bread, $\frac{1}{2}$ oz. cheese, and half-pint beer at 9.40 a.m. o'clock.

The Patients' dietary in the Annexe is modified in the following particulars:—No coffee, chicory, or butter is given for breakfast, one pint of hot milk and water being substituted, and a total of 6 oz. more bread is issued weekly. No beer is allowed for dinner, and a total of 4 oz. less meat for males, and 2 oz. less for females for dinner is given weekly, whilst a total of 7 oz. more potatoes are issued weekly.

To make 1 pt. of milk and water— $\frac{1}{2}$ pt. skimmed milk, $\frac{1}{2}$ pt. water, $\frac{1}{2}$ oz. sugar.

Any of the weakly, imbecile, or aged patients who require it, are allowed 2 oz. bread and $\frac{1}{2}$ pint broth at 9.40 a.m.; the broth being composed of—for the pint—1 pt. meat liquor, 2 oz. barley, 2 oz. leeks, 2 oz. parsley, $\frac{1}{2}$ oz. oatmeal, salt and pepper.

ATTENDANTS' DIETARY.

MALE ATTENDANTS' DAILY ALLOWANCE.

1 lb. bread, $\frac{1}{2}$ lb. cooked meat free from bone, 3 pints beer, $\frac{1}{2}$ pint milk,
1 lb. vegetables (varied in season).

WEEKLY ALLOWANCE.

3 oz. tea or 6 oz. coffee, 12 oz. raw sugar, 12 oz. fresh or 1 lb. salt
butter, or 2 lb. bacon, or 2 lb. cheese. Fruit pudding or tart on Sunday.

FEMALE ATTENDANTS' DAILY ALLOWANCE.

1 lb. bread, 6 oz. cooked meat free from bone, $1\frac{1}{2}$ pints beer, $\frac{1}{2}$ pint milk,
1 lb. vegetables (varied in season).

WEEKLY ALLOWANCE.

3 oz. tea or 6 oz. coffee, 12 oz. raw sugar, 8 oz. fresh or 12 oz. salt
butter, or $1\frac{1}{2}$ lb. bacon or $1\frac{1}{2}$ lb. cheese. Fruit pudding or tart on Sunday.

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, 1886.

UNIONS.	In County and City Asylum.		In other Asylums.		In Work-houses.		With Friends.		Totals.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total
Alcester	7	11	...	...	...	...	...	4	7	15	22
Bromsgrove	29	42	...	...	6	5	1	6	36	53	89
Bromyard .....	...	...	...	...	...	...	...	...	...	...	...
Cleobury Mortimer ...	1	3	...	...	...	...	1	2	1	5	6
Droitwich	21	30	...	...	3	8	...	...	25	38	63
Dudley	37	38	...	...	...	...	6	12	43	50	93
Evesham	7	16	...	...	3	9	...	1	10	26	36
Kidderminster	44	45	...	...	6	9	1	4	51	58	109
Kingsnorton	33	45	...	...	9	18	1	3	43	66	109
Ledbury .....	...	...	...	...	...	...	1	1	1	1	2
Martley	16	16	...	...	6	6	1	7	23	29	52
Newent	1	2	...	...	...	...	...	1	1	3	4
Pershore	18	19	...	...	1	7	2	3	21	29	50
Shipston-on-Stour.....	4	3	...	...	5	2	...	1	9	6	15
Solihull	10	4	...	...	...	...	...	...	10	4	14
Stourbridge	33	40	2	...	9	12	2	10	46	62	108
Stow-on-the-Wold ...	1	2	...	...	...	...	...	...	1	2	3
Stratford-on-Avon ...	2	...	...	...	...	...	...	...	2	...	2
Tenbury	3	9	...	...	2	1	...	...	5	10	15
Tewkesbury	3	1	...	...	...	...	...	...	3	1	4
Upton-on-Severn	17	32	...	...	2	4	2	3	21	39	60
West Bromwich	7	16	...	...	...	...	...	...	7	16	23
Worcester, City.....	47	55	1	...	2	3	4	1	54	59	113
„ County.....	4	2	...	...	...	...	...	...	4	2	6
Totals.....	345	431	3	...	54	84	22	59	424	574	998
Totals for last year ...	324	412	29	30	51	81	25	60	429	583	1012

*Number of Patients chargeable to each Union on the
31st December, 1885.*

Unions, &c.	Males.	Females.	Total.
Alcester	7	11	18
Bromsgrove.....	29	42	71
Cleobury Mortimer	1	3	4
Droitwich	21	30	51
Dudley.....	37	38	75
Evesham	7	16	23
Kidderminster	44	45	89
Kings Norton	33	45	78
Martley	16	16	32
Newent	1	2	3
Pershore	18	19	37
Shipston-on-Stour	4	3	7
Solihull	10	4	14
Stourbridge.....	33	40	73
Stow-on-the-Wold	1	2	3
Stratford-on-Avon	2	0	2
Tenbury	3	9	12
Tewkesbury	3	1	4
Upton-on-Severn	17	32	49
West Bromwich.....	7	16	23
Worcester	47	55	102
„ County of	4	2	6
	345	431	776
Private Patients.....	11	34	45
Total.....	356	465	821

Statement showing the weekly rate of charge for Maintenance of every private patient at the end of the year.

	Males.	Females.	Totals.
Paying 15s. per week	10	22	32
„ 14s. „	0	1	1
„ 12s. „	0	5	5
„ 10s. „	1	4	5
„ 8s. 6d. „	0	1	1
„ 8s. 2d. „	0	1	1
	11	34	45

The following are the conditions under which Private Patients are admitted into the Asylum:—

I. They must either have a settlement on some Union in the County, or else immediately prior to admission have been resident in some part of the County or City of Worcester.

II. It is intended they shall be in such a pecuniary position that whilst their relatives are unable to place them in a Private Asylum, they can afford to pay more for their maintenance than the ordinary pauper charge.

III. The payments are required to be made monthly in advance.

IV. The Pauper weekly rate of Maintenance at the end of the year was 8s. 2d. The excess charge made beyond this for the Maintenance of Private Patients was carried to the credit of the Repairs Account.

V. The various blank forms for the order, Medical Certificates, &c., are to be obtained at the Asylum from the Medical Superintendent, who will give any information that may be necessary.

SALARIES AND WAGES.

	Per Year.		Per Year.
† Superintendent	£800	1 Tailor Attendant	£44 4s.
First Assistant Medical Officer	175	1 Chimney Sweeper	31 4s.
Second ditto ditto	120	1 Female Attendant	34
Third ditto ditto	100	5 Ditto ditto (each)	24
* Chaplain	300	2 Ditto ditto (each)	22
* Clerk to Committee of Visitors	120	7 Ditto ditto (each)	20
* Auditor	54	1 Ditto ditto	19
* Asylum Clerk	220	4 Ditto ditto (each)	18
Lady Housekeeper and Honorary Matron	75	6 Ditto ditto (each)	16
† Engineer and Gatekeeper	110	5 Ditto ditto (each)	14
Storekeeper	65	1 Night Attendant	24
† Farm Bailiff	60	2 Ditto ditto (each)	22
Superintendent's Clerk	35	1 Ditto ditto	20
1 Chief Male Attendant	70	1 Cook ditto	35
1 Chief Female ditto	70	1 Ditto ditto	20
4 Male Attendants	35	1 Dressmaker Attendant	24
2 Ditto ditto (each)	33	1 Housemaid ditto	18
5 Ditto ditto (each)	30	1 Ditto ditto	16
3 Ditto ditto (each)	28	1 Kitchen Maid ditto	14
2 Ditto ditto (each)	26	3 Ditto ditto ditto (each)	12
10 Ditto ditto (each)	24	1 Laundry Maid ditto	27 10s.
1 Night Attendant	38	1 Ditto ditto ditto	20
1 Ditto ditto	33	2 Ditto ditto ditto	12
1 Ditto ditto	32		Per Week.
1 Ditto ditto	30	1 Cabinetmaker	17s.
1 Farm Servant	21	1 Carpenter	17s.
1 Carter	20	a 1 Cowman	13s.
1 Brewer and Assistant Storekeeper	39	1 Shoemaker	15s.
1 Gardener	32	* 1 Farm Servant	15s.
1 Painter Attendant	46 16s.	* 1 Excavator	18s.
1 Plumber ditto	44 4s.	b 1 Farm Servant	17s.
1 Carpenter ditto	40	b 1 Ditto ditto	16s.
1 Band Instructor	7	b 1 Ditto ditto	14s.
1 Chapel Clerk	3	* 1 Mason	26s.
1 Stoker	37 4s.	1 Gas Stoker	11s.
1 Porter	29	1 Upholsterer	15s.
1 Ditto	30	1 Water Supply Man	12s.
1 Assistant Gardener	20	1 Laundry Man	12s.
1 Baker Attendant	46 16s.	1 Plough Boy	5s.

Without a mark have Bed, Board, and Washing. † Have Furnished House, Gas, Fire, Vegetables, and Washing. * Non-resident.
 a Non-resident but Boarded. b. Have Fire and Lodging. All Male and Female Attendants are supplied with Uniform.

*Chief Male Attendant's Return of Male Patients Employed
during the Year ending 31st December, 1885.*

How Employed.	No. of Days.
Tailors	3,605
Shoemakers	1,248
Carpenters	1,818
Upholsterers and Hair Pickers	5,021
Assisting Engineer, Smith, Stoker, and Gas Mar	3,818
„ Painter, Glazier, Whitewasher, & Plumber	2,670
„ Masons and Bricklayer	655
„ Storekeeper, Baker, Brewer, and Butcher ...	2,044
„ Clerks	1,327
„ Attendants with House Work	19,788
„ on Farms and Garden	29,454
Total number of days' work	71,418
Weekly Average.....	1,374
Daily Average.....	229
Employed 66 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, 1885.*

How Employed.	No. of Days.
In Sewing	45,430
„ the Laundry	18,534
„ Making Hearth Rugs	477
„ Hair Picking	373
„ Knitting	2,647
Assisting Attendants with House Work	29,976
„ Housemaids	684
„ in the Kitchens	7,628
„ in Garden with Fruit	345
Total number of days' work.....	106,094
Weekly Average	2,040
Daily Average	340
Employed 75 per cent. of the average number of Female Patients resident throughout the year.	

THE NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C.

Report of the National Bureau of Standards
for the year ending June 30, 1915

1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766	765	764	763	762	761	760	759	758	757	756	755	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	733	732	731	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	702	701	700	699	698	697	696	695	694	693	692	691	690	689	688	687	686	685	684	683	682	681	680	679	678	677	676	675	674	673	672	671	670	669	668	667	666	665	664	663	662	661	660	659	658	657	656	655	654	653	652	651	650	649	648	647	646	645	644	643	642	641	640	639	638	637	636	635	634	633	632	631	630	629	628	627	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576	575	574	573	572	571	570	569	568	567	566	565	564	563	562	561	560	559	558	557	556	555	554	553	552	551	550	549	548	547	546	545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530	529	528	527	526	525	524	523	522	521	520	519	518	517	516	515	514	513	512	511	510	509	508	507	506	505	504	503	502	501	500	499
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