

Thirteenth report of the Somerset County Pauper Lunatic Asylum : from the 1st of January, to the end of the year 1860.

Contributors

Somerset County Pauper Lunatic Asylum.
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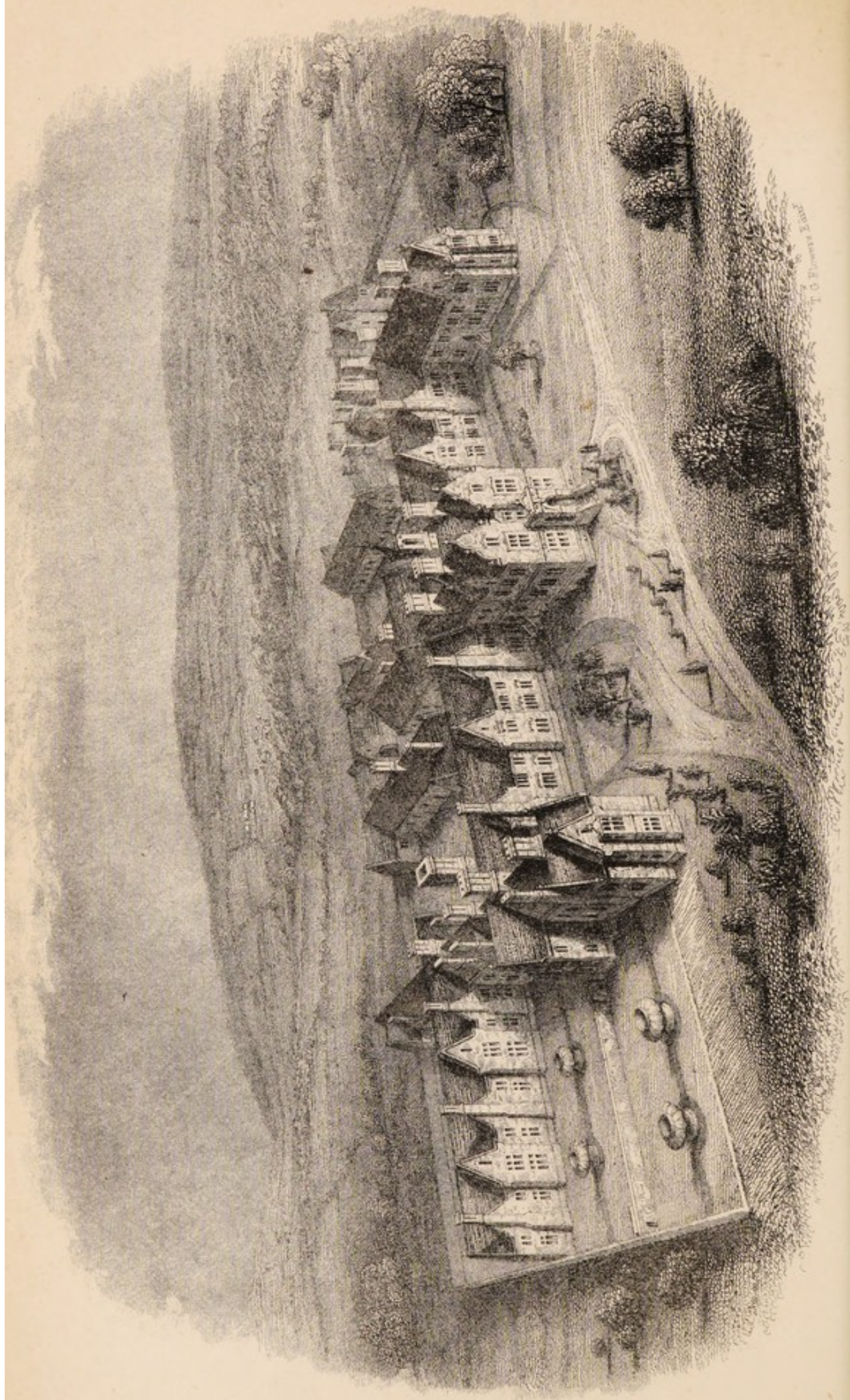
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THIRTEENTH REPORT

OF THE



SOMERSET COUNTY PAUPER

LUNATIC ASYLUM,

From the 1st of JANUARY, to the end of the Year

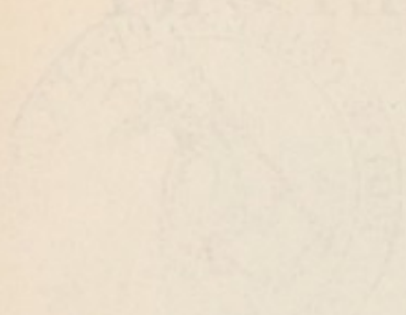
1860.

WELLS:

PRINTED BY M. BACKHOUSE, "JOURNAL OFFICE," HIGH-STREET.

MDCCCLXI.

THIRTIETH REPORT



OF THE

SOMERSET COUNTY PAUPER

LUNATIC ASYLUM

From the 1st of JANUARY to the end of the Year

1860.

WELLS:

PRINTED BY J. B. BROWN, "THE MASSACHUSETTS PRESS," NEWBURYPORT.

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CONTENTS.

	PAGE.
Admissions, during the year, (Tables II. and III.)	8, 35, 36
„ probable causes and forms of disorder (Tables VIII. and IX.)	39
„ number of attack (Table IV.)	16, 37
Ages of patients admitted (Table IV.).. ..	37
Ditto of admissions, (Part II.)	15—21
Alterations and improvements in the laundry	10
Amusements	14
Analysis of the Tables	26—28
Appearances after death and weight of the organs	30—32
Attendants and servants	14
Bodily health of patients (Table VI.)... ..	16, 38
Brain, average weight of	30
Building's Account	77
Causes of disorder (Tables I. and VIII.)	18, 34, 39
Chronic cases... ..	17
Civil condition of patients admitted (Table IV.)	15, 37
Clothing, &c., made and repaired	67
Conclusion	14
Consumption of provisions and necessaries	70
Contract prices	71
Degree of education (Table VII.)	17, 38
Dietary	65
Discharges, (Tables III. and XI.)	36, 40
Disorder, form of (Table IX.)	18, 39
Drainage.. ..	11
Duration of disorder, (Tables I. and X.)	16, 34, 40
Epileptics, number of fits, &c., (Tables M. F.).. ..	24—26
Expenditure during the year (Payments)	76

CONTENTS.

	PAGE.
Failure of Crops	13
Farm and garden account	72, 73
Fire in the laundry.. ..	9
Fire engine	9, 10
General statement of receipts and payments	76
Improvements	10
Income (Receipts).. ..	76
Heating apparatus.. ..	12
Medical treatment, &c... ..	22
Mortality	8, 28
New buildings	10, 11
Ditto dining hall	11
Number of the inmates	8
Obituary (males)	41—52
„ (females)	53—64
„ summary of	28—32
Occupation of patients admitted (Table V.)	38
Occurrences in each month (Table III.)	36
Office buildings, additions	11
Patients' work	66, 67
Price of provisions.. ..	13
Purchase of land	13
Residence for Chaplain.. ..	13
Re-admissions (Table XI.)	21, 40
Recoveries (Table I.)	8, 34
Religion (Table VII.)	17, 38
Report of committee of visitors.. ..	5—7
„ superintendent	8—68
Spinal cord	30, 31
Summary of diseases in each quarter.. ..	22, 23
Store rooms	12
Visitors, list of	3
Water supply... ..	12, 13
Weekly charges	14
Work done by male patients	67
„ female patients	67

Table XI, admissions since opening the Asylum, (folded as a map)
to face page 40.

A LIST OF THE
COMMITTEE OF VISITORS
OF THE
Somerset County Pauper Lunatic Asylum,
1860.

CHAIRMAN :

FRANCIS HENRY DICKINSON, Esq.

CHARLES AARON MOODY, Esq., M.P.,
SIR WILLIAM MILES, BART., M.P.,
LIEUTENANT-GENERAL COLES,
CAPTAIN SCOBELL, R.N.,
W. F. KNATCHBULL, Esq., M.P.
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E. H. CLERK, ESQ.,
JEROME MURCH, Esq.,

TREASURER :

CAPT. GILES, *Stuckey's Banking Company, Wells.*

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R E P O R T

OF THE

VISITORS

OF THE

SOMERSET COUNTY LUNATIC ASYLUM.

*Presented to the Court of Quarter Sessions, held at the Shire Hall,
TAUNTON, in the said County, on Tuesday, the 1st day of
January, 1861.*

THE health of the inmates of the asylum during the last year has been satisfactory, but the deaths have been rather above the average. The contributions from the Parishes have been maintained at the rate of 7s. 7d. a-week; but the Committee fear that they may be obliged to increase them, because the contracts which have just been entered into are at an increase of price of almost all articles over those of last year, and during the first three quarters of that year the balance in favor of the asylum was diminished by about £250.

Dr. Boyd's report, which is now presented to the Court, and will, as usual, be printed and circulated, contains a detailed account of the improvements which have been in progress, during the past year, at the asylum.

The committee will now merely remark that the new dining hall is nearly completed.

A fire occurred in January, in the drying-house of the laundry. The loss was covered by the insurance. The cause, from over-heating, was carefully investigated by a sub-committee, who considered that no blame was due to any of the officers or servants of the asylum; and the committee have much pleasure in reporting the great exertions made by all in the employ of the asylum, and by many of the patients and neighbours, and that the fire was thus prevented from spreading.

The laundry has been enlarged, and is now heated by steam, the fire and the necessity of renewing the steam cooking apparatus having been taken occasion of to make changes, which, it is hoped, will tend both to safety and economy.

The building fund arising from the surplus of pay of the patients of boroughs which have not contributed to the building of the asylum, and those of other counties over the county pay, is now exhausted, but the Committee anticipate that the amount which will accrue during the present year will amply pay for all the improvements and alterations now in progress.

The Committee think it is not improbable that they may be able to make a purchase of about eighteen acres and a half of land, which has been very strongly recommended to them by Dr. Boyd, and of a house in which the chaplain might reside. The land now contiguous to the asylum is less in extent than would be required by the Commissioners in lunacy for a new asylum for so large a number of lunatics as ours contains. The Committee, therefore, anticipate that the court will sanction their treaty for the land in question, and their purchase of it, if the price should appear to them reasonable.

Dr. Lindsay, the assistant physician, has resigned, and Dr. Madden has been appointed to succeed him; and he appears to perform his duties to the satisfaction of Dr. Boyd.

Miss Sparkes, the head attendant on the female side, has received an appointment at Hanwell; and Miss Acres has been appointed to succeed her.

The committee have thought proper to raise Dr. Boyd's salary to £600. They made this change unsolicited by him; they thought it his due, after twelve years' service, during which his attention has been unremitting, as well to the patients under his charge, which are more numerous now than at first, and have amounted in all to near 2,000, as to the improvement of the Asylum.

Mr. Gunn's salary has also been increased by £20, and now amounts to £105. The enquiries made by the Committee as to the expenses of management of other asylums, with a view to these changes of salaries, were satisfactory, as they indicated that in this respect ours has been conducted with economy.

F. H. DICKINSON.

W. MILES.

R. NEVILLE GRENVILLE.

WILLIAM F. KNATCHBULL.

R. KING MEADE KING.

BOBERT CLERK.

THIRTEENTH
ANNUAL REPORT
OF THE
SOMERSET COUNTY PAUPER
LUNATIC ASYLUM,
FOR THE YEAR 1860.

BY ROBERT BOYD, M.D.,

Physician and Superintendent.

PART I.

Admissions and Discharges.

The admissions in 1860 were not quite so numerous as in the preceding year. The decrease was in the number of females admitted, and there was only an increase of 8 in the numbers remaining. On the 31st December, 1859, there were in the asylum 191 male, and 212 female patients, total 403: In 1860, there were admitted 76 males and 64 females; discharged recovered, 33 males and 33 females; relieved, 7 males and 2 females; not improved, 3 males and 2 females; removed by death, 29 males and 22 females; number remaining, 195 males and 216 females; 1 male and 1 female on probation; total, 411 on 31st December, 1860. The number under treatment during the year has been 545; and of these, the recoveries were 12.3 per cent, and the deaths 9.5 per cent. The tables and obituary, which furnish the particulars relative to the admissions, discharges, and deaths, will, as usual, be added as an appendix. There was no prevailing disease. The mortality was chiefly from the usual cause, disease of the pulmonary organs, which seemed to be frequently

induced by continued confinement to bed; from paralysis; debility, or helplessness. Five patients, 75 years of age and upwards, were admitted, and two of them died. Much benefit could not be expected by the removal of such cases to an asylum, but the difficulty of managing them at home is so great, that removal at all risks will continue, until provision be made for them in the unions.

Fire in the Laundry.

On the 18th of January, about 10 o'clock at night, a fire (supposed to be from an overheated flue,) broke out in the drying-room of the laundry. It was immediately discovered, but the roof and interior of the room were soon totally destroyed; and it spread rapidly, notwithstanding the efforts which were made to subdue it, by throwing buckets of water upon the fire. The adjoining roofs of the ironing room, wash-house, covered passage, and bakehouse, soon caught fire; and its further extension could not have been checked, but for the arrival of the Wells engine, which was vigorously worked, and to the working of which many of the inhabitants of Wells and the neighbourhood rendered valuable assistance. There was an ample supply of water in the rain water tank recently constructed under the kitchen court, into which the hose to supply the engine was plunged, and before 1 o'clock the fire was totally extinguished. Providentially the night was calm, and time was afforded to check the fire before it had extended to the higher roofs of the kitchen and chapel. About £40 worth of clothing, chiefly men's shirts, was destroyed. A much greater amount of damage must have been done had it not been for the activity and energy displayed by officers, attendants, servants, and a number of patients, who succeeded in removing clothing, flour, bread, &c., into the front buildings. The laundry being on the female side, some of the patients were alarmed by the glare of light from the fire, through their bedroom windows; but when it was explained whence it proceeded, they became perfectly calm. The premises were insured, and the estimated loss and damage, amounting to £251 5s. 6d., was promptly paid by the offices.

Fire Engine.

A fire engine has been purchased, which can be moved along the corridors and passages and worked by four men. It would, at all events, be found most useful in keeping

a fire in check, (if not sufficiently powerful to extinguish it,) until the city engine could be procured. Fire plugs have been placed in six different situations around the asylum. There are also three tanks, which, in case of another outbreak, would be available; and it is intended to have two or three more tanks, and a sufficient length of hose to reach to all parts of the building.

Alterations and Improvements in the Laundry.

The interior of the laundry has been greatly improved since the fire. The two drying closets have been roofed with iron, and galvanized iron horses for drying on have also been substituted for wood; those in the principal drying closet are not yet completed. The open furnaces for the three boilers in the wash-houses have been removed, the boilers have been re-set; and steam pipes from the cooking boiler underground heat the water used in the laundry. One iron, and five slate cisterns, which can be filled in one hour by a new double action pump with rain water from the tanks under the dining-hall, have been put up, and hold a sufficient supply for one day's consumption, when all the washing tubs are in use. The cockle for the supply of hot air to the drying horses has been removed from its former position adjoining the wash-house, to a place underground excavated for the purpose, where a cellar for coals and coke has also been made, which will save much labor in carrying fuel to the furnace. A passage has also been excavated from the boiler-house to the coal-cellar; all this work has been executed by patients. It is expected that with these precautions, under Divine Providence, the risk from fire in the laundry will be greatly lessened. A slate door, with a private key for the stoker, is to be placed beside each of the fires for the drying-room, as well as beside the one for heating the dining hall, the furnace of which is situated at the end of the passage between the two wash-houses, under a rain-water cistern. The slate roof of the passage adjoining the laundry has been replaced by one of iron and glass, corresponding with the roof on the kitchen passage.

New Buildings.

On the men's side, a wash-house with a drying closet attached, one iron and two slate cisterns, a pump for raising rain water from the large tanks, a copper boiler, fur-

nace, and small coal-house adjoining, all covered with an iron roof, have been erected, and in operation for some months. Two new cottages, one on each side of the back gate, in the men's yard, are nearly completed. The gateway between them is still unfinished. The workshops adjoining No. 3 airing court, on male side, proposed in the last report, have not yet been commenced, but will form occupation for the mason attendant, and some of the patients in spring and summer.

New Dining and Recreation Hall.

The new dining and recreation hall has been completed, and is much admired for its proportions. It is 75 feet long by 58 wide; the roof is 35 feet high, and partly of glass. It was contracted for, and speedily erected by Mr. Pollard. The wood-work is lightly stained and varnished, the iron pillars in the centre are painted, and it is lighted by six gas stars; about three feet round the walls and the centre of the floor is laid with blue lias, and the intervening space, sixteen feet wide, with an ornamental pattern in encaustic tiles. It is heated from one side by two iron gratings, each two feet square, communicating with a stove, fitted up according to Mr. Haden's plan. Adjoining the hall, where the bakehouse formerly stood, a pantry is in the course of construction, for plates, cups, &c.; it is 22 feet long by 10½ wide. There will be a dormitory for females over this pantry, and the remainder of the old bakehouse and bread-room will form a room which will hold about 40 beds, with closets, lavatories, and 2 rooms for laundresses, one of them communicating with what was formerly the kitchen. The old kitchen may be used as a work-room for females. It was found very useful after the fire, as an ironing room, until the roof of the laundry was repaired. A dormitory, a store room, water closet, and coal-house, have been built alongside the kitchen passage on the male side. Additions have also been made at the farm yard; three new sties have been added, a shed for roots 40 feet long by 10 wide completed, and an enclosed pig yard, 111 feet long by 105 wide.

Drainage.

Considerable improvements have also been made in the drainage, and 350 feet of 9 inch, 199 feet of 6 inch, and 113 feet of 4 inch pipe, have been laid down.

New Store-rooms.

In the last report it was mentioned that the original workshops were to be converted into store-rooms. This has been effected; and a steward's office, buttry, cook's room, larder, bread room, with clothing stores over them, and a bakehouse, in which a large oven, capable of holding about 200 quartern loaves, have been built, and are all now in use, occupying, with the brew-house, which has been lengthened 5 feet, by the addition of a passage, one block of building, in the rear, on the male side, corresponding with the laundry on the female side. The original store-room next the kitchen may be converted into a dormitory for 14 beds. The steward's office is still used as a room for the reception of patients, and in the grocery store, as being central, the fire engine is kept.

Heating Apparatus.

The material used in the original construction of the flues in the apparatus rooms, was found to be insufficient, as the stone flags which covered the flues became cracked and broken in by large pieces of coal falling on them, and the flues thus became choked by the dust. The furnaces were also much out of order, after being so many years in use. The flues have been covered with iron plates, instead of stone flags where exposed to accident. The furnaces and some of the hot water pipes have been thoroughly repaired, and the heating is now effective. Its efficiency has been tested most severely this Christmas, when the thermometer on Christmas eve fell so low as 17 deg. below freezing point, and the wards were then at a comfortable and uniform temperature; this uniformity of heat would be very difficult to obtain in such large spaces by any number of open fires. A considerable but necessary outlay for these repairs has been incurred; and, as it arises from wear and tear, it ought rather to fall on the maintenance than the building account.

Supply of Hard water.

It was thought necessary to have a supply of hard water from the main tank, to provide against a failure of rain water from a long continuance of dry weather, and a pipe has been brought from the main to the main hole of the tank in the dining hall with a fire plug, a branch to the vegetable house in the back road, and branches to each of the new cottages, and to the wash-house in the men's yard.

Mr. Haden gave an estimate for heating the dining-hall, and for part of the fittings in the laundry; and Mr. Cockey gave estimates for the iron pillars and roofs, which were approved of by the Visitors. He also supplied the iron rain-water pipes and spouts for the new buildings.

Failure in the Root Crop.

There was a great failure in the potato crop. A larger proportion than usual was planted last year. The parsnips have also failed, and the supply of carrots is short; so that in no year has the supply of vegetables failed so early. About £30 have been spent in the purchase of potatoes, which will be exhausted in January. The mangold has also failed, and is above 100 tons less than the crop of last year, although more was planted, no swedes having been sown. More attention ought to be paid in future to the cultivation of vegetables and the further improvement of the land. The potato is the favorite vegetable amongst the inmates, but from past experience here, its produce cannot be much relied on.

Purchase of Land and a residence for the Chaplain.

The extension of the farm is desirable; and as some land contiguous to the asylum is, I understand, to be sold, it would be very desirable not to defer the opportunity of obtaining it, and thus afford a means of placing the institution on a more independent footing with respect to markets and supplies, and also to give useful and healthful employment to the patients, and, probably, diminish expenses of the rate-payers. There is a further and most desirable object, also, to be attained by the purchase of this land, viz.,—a residence near the asylum for the chaplain; for, as he lives at Wells, he may be prevented by weather, or illness brought on by exposure, from attending his duties in the winter season when his services are most desirable.

Butchers' Meat.

The advance in the price of butchers' meat for several years past, has been very considerable, compared with the prices paid in the early years of this institution, and during the past year, the rise in the price of flour was considerable.

Amusements.

Two excursions were made to Cheddar, notwithstanding the unfavorable season. The evening amusements have not been so frequent, owing to the building alterations in progress:

Weekly Charges.

The weekly cost of maintenance has been the same as last year, 7s. 7d. for county patients, 10s. 9½d. for borough patients, and 12s. 10d. for out-county patients.

Conclusion.

We have great reason for thankfulness that in all the building operations that have been going on during the year, no accident of any kind has occurred. The labor of attending masons and plasterers has been almost entirely performed by patients. Nearly the whole of the building has been done by masons hired by the day, and has been slow in progress, offering a striking contrast, observed by every one, to the operations carried out by contract; and in any further extension, where a contract can be made, it is much to be preferred. At the same time, the employment of patients in their trades is very desirable, and might be, under active attendants, advantageously carried out; but there is a disinclination on the part of ordinary workmen to encourage them; for they seem to be under the impression that it makes work scarce for themselves; and, at best, they only lend a passive assent to their co-operation, which is, of course, discouraging to the patients. When an attendant takes an interest in his duty, and encourages the patients to assist, he renders valuable service to the patient and to the institution. It often happens that a turbulent and destructive patient, an intolerable nuisance in-doors, when taken out to work, is found to be a most active and valuable workman, losing his destructive propensities, and enjoying quiet rest at night, whereas before he was noisy, could neither sleep himself nor let others sleep near him.

The officials, attendants, and servants, have been generally attentive to their duties, under more than ordinary difficulties, throughout the year.

The superintendent has especially this year to return his thanks to the Chairman and Visitors for the handsome manner in which they testified their unanimous approbation, of his conduct and also for their continued kindness and support in carrying out every suggestion for the benefit of the institution under his charge.

PART II.

On the 1st of December, 1860 there had been one thousand admissions of males since the opening of the asylum; one hundred and thirty were re-admissions. Tables containing all the particulars that could be ascertained relative to these admissions, have been drawn out under different heads, and have been filled up by Dr. Madden from the entries in the case books, according to age, in quinquennial periods. A brief analysis of the particulars contained in these tables, may not be uninteresting, and has been made for insertion.

Age in 14 periods, of Males admitted from 1st March 1848, to 1st Dec. 1860.		Civil condition.				Number of children of each sex.		
		Single	Mar- ried.	Wi- dow d	Not known	Male.	Fe- male.	Sex not known
1	Under 20 years ..	51	0	0	0	0	0	0
2	From 20 to 25 years ..	68	3	0	0	1	0	2
3	25 30 ..	70	23	1	1	13	14	1
4	30 35 ..	53	40	3	1	24	32	9
5	35 40 ..	43	56	4	1	54	65	14
6	40 45 ..	33	71	2	1	70	75	18
7	45 50 ..	25	59	6	0	62	65	17
8	50 55 ..	15	43	8	0	59	60	13
9	55 60 ..	8	38	7	1	30	31	14
10	60 65 ..	6	41	9	0	56	51	24
11	65 70 ..	6	21	8	0	23	26	21
12	70 75 ..	0	16	10	0	41	35	12
13	75 80 ..	0	7	3	0	23	14	1
14	80 and upwards ..	0	6	2	0	13	9	1
TOTAL ..		378	424	63	5	469	477	147
Readmissions 130								

There were most admissions between the ages of 35 and 45, amounting to 21 per cent of the whole. The married considerably exceeded the unmarried; the number of children was 1093, being more than two for each person, not including the wives, thus deprived of their support, and left dependent on their parishes. This points out the necessity of early attention to the poor in all acute diseases, and shews the

necessity of sending cases of insanity at once to the asylum, as the recoveries have been shewn in all reports, to depend so much upon early treatment and removal from home.

NUMBER OF ATTACK AT EACH PERIOD, AND STATE OF BODILY HEALTH.

	1st.	2nd.	3rd or more.	From Birth.	Un-known.	Good.	Indifferent.	Bad.
Under 20	42	1	0	4	4	26	20	5
to 25	57	6	2	0	6	29	30	12
30	71	9	0	0	14	38	30	26
35	72	17	2	0	6	39	29	29
40	70	17	6	0	11	33	45	27
45	71	17	12	0	9	39	38	32
50	64	11	5	0	10	22	36	32
55	45	11	6	1	3	17	26	23
60	30	12	9	0	2	12	21	20
65	33	11	6	0	6	6	27	23
70	25	5	4	0	1	5	12	18
75	16	5	0	2	3	3	9	14
80	7	2	0	0	1	1	7	2
Upwards 80	7	0	0	0	1	2	0	6
TOTAL ..	610	124	52	7	77	272	329	279

The total number under a first attack, was nearly double those from a second and third, including 130 re-admissions. From 35 to 45 years were the greatest number of admissions in men labouring under a second attack, and from 45 to 65 the greatest number under a third attack.

The bodily health of the majority was indifferent on admission, and the numbers of those in good and bad health were nearly alike.

DURATION OF EXISTING ATTACK.

Under 1 month	218	9 months	9	4 years	14	13 years	2
1	102	10	6	5	10	15	6
2	61	12	28	6	8	18	6
3	47	14	4	7	16	20	9
4	22	15	9	8	9	several yrs.	23
5	8	16	2	9	4	from birth	64
6	28	18	10	10	4	unknown	27
7	12	2 years	47	11	5		
8	8	3	32	12	10	Total	870

In more than half these admissions the cases may be considered as having been chronic, the attack having been of three months' duration and upwards, and in 18 per cent. it was of ten years' duration and upwards.

RELIGION, AND DEGREE OF EDUCATION, AT EACH PERIOD.

	Church of England.	Dissenters	Wesleyans	Unknown.	Good.	Read and Write.	Read only.	None.	Unknown.
Under 20	30	5	3	13	2	12	13	19	5
25	50	9	3	6	6	24	16	14	11
30	64	9	6	7	6	46	23	15	4
35	72	13	4	5	13	48	16	16	4
40	72	17	11	2	14	56	15	14	5
45	78	16	6	7	4	57	24	19	3
50	67	12	5	3	4	46	21	19	2
55	50	9	8	0	1	41	11	12	1
60	43	6	1	2	4	25	13	10	1
65	42	4	4	3	4	27	12	10	3
70	29	2	4	0	1	15	9	7	3
75	20	4	1	1	1	10	7	7	1
80	6	2	1	1	0	3	1	6	0
Upwards 80	7	1	0	0	0	5	1	1	1
TOTAL ..	630	109	57	50	60	415	182	169	44

Nearly two-thirds were members of the Church of England, and above that number had received some degree of education.

The number admitted from their own homes was 665, from workhouses, 95; from hospitals and infirmaries, 12; from prisons and other asylums, 98.

OCCUPATIONS.

Labourers	330	Hawkers	20	Shopmen	26
Bakers & Millers	34	Masons	27	Tailors	27
Blacksmiths	26	Painters and	} 15	Weavers	19
Butchers	17	Plumbers		Other different	} 20
Carpenters, Coopers	49	Pensioners	27	trades	
Coal hauliers and	} 29	Sailors	18	Yeomen	10
Miners		Schoolmasters	11	No occupation	35
Innkeepers and	} 11	Servants	50	Unknown	11
Brewers		Shoemakers	58		
				Total ..	870

Day-labourers, most of them engaged in agriculture, formed the most numerous class: and next to them shoe-

makers, whose employment is sedentary, but whether from this cause, or being more numerous than members of other trades in the county, or from their social habits, remains to be shewn.

NUMBER ADMITTED FROM EACH UNION.

Axbridge	65	Dulverton	10	Wells	77	Bradford	2
Axminster	3	Frome	49	Williton	27	Mere (Wilts)	2
Bath	99	Keynsham	15	Wincanton	25	Westminster	9
Bedminster	55	Langport	31	Yeovil	38	(St. James')	
Bridgwater	43	Shepton Mallet	62	Sherborne	2	Cardiff	45
Chard	35	Taunton	70	County Somerset	2	Total	870
Clutton	61	Wellington	43				

From the *boroughs* of Bath and Bridgwater, which have not contributed to the county rate for building the asylum, the number of admissions has been about 100 and the charge by agreement 5½d. a day more for each person than for those belonging to parishes and unions in the county.

From St. James, Westminster, and Cardiff, the admissions have been 54, and the charge as out-county patients has been 12s. 10d. per week, being 9d a day more than for patients belonging to the county.

The surplus charge has, in all cases, gone to the formation and support of the building fund.

FORMS AND PROBABLE CAUSES OF DISORDER.

		MORAL.		PHYSICAL.	
Mania	265	Anxiety	9	Congenital	48
— recurrent	78	Disappointment in love	17	Disease of nervous centres	41
Monomania	54	Fright	18	Hereditary predisposition	127
Melancholia	132	Grief	28	Injury to head	40
Dementia	61	Loss of employment	10	Ditto to spine	1
Moral insanity	12	Losses in trade, &c.,	26	Do from falls	13
Idiocy	48	Over study	17	Bite from a dog	1
Epilepsy	106	Poverty	14	Do. from a fox	1
General Paralysis	72	Dread of Poverty	2	Intemperance in drink	89
Delirium tremens	23	Religious excitement	41	Previous illness	56
Fatuity	19	Remorse	4	Old age	19
		Superstition	2		
		Ill treatment	8	Total	436
		Jealousy	6	No cause assigned	232
TOTAL	870	TOTAL	202	Gross Total	870

Mania was much the most frequent form of insanity; the physical were more frequent than the moral causes; in 26.6 per cent. no cause was assigned.

THE MEMORY AND AFFECTIONS AT EACH PERIOD.

		Good.	Bad.	Indifferent	Feeble.	Lost.	Unknown.	Natural.	Estranged	Enfeebled	Lost.	Unknown.
Under 20	13	5	14	0	8	11	16	5	10	10	8	
to 25	25	9	6	13	14	4	22	7	22	7	12	
30	35	14	9	14	18	4	24	12	20	16	12	
35	54	13	3	12	10	5	32	17	21	22	5	
40	48	16	6	14	10	10	34	10	30	11	19	
45	47	19	4	16	17	6	39	16	26	15	13	
50	48	13	6	10	7	6	31	14	22	8	15	
55	35	8	2	6	13	2	23	10	17	7	8	
60	30	6	7	6	2	2	14	12	14	6	6	
65	34	6	6	6	1	3	11	16	12	4	13	
70	14	8	5	0	6	2	7	10	9	3	6	
75	14	4	1	2	4	1	10	8	9	2	2	
80	3	3	3	1	0	0	7	1	1	0	1	
Upwards 80	2	2	0	2	2	0	0	2	4	1	1	
Total ..	402	126	72	102	112	56	270	140	217	112	121	

In 10 the affections were strong.

The memory was good in a large proportion, even of persons in advanced age, it was bad in about one-seventh, and quite lost in nearly the same number.

The state of the affections were changed in more than two-thirds; self-esteem is so common that it has been remarked as a characteristic of the insane.

CONDUCT AT EACH PERIOD.

	Orderly.	Violent.	Dangerous.	Suicidal.	Noisy.	Mischievous	Dirty.	Not stated.
Under 20	8	16	14	2	3	9	2	0
to 25	18	18	19	7	4	5	0	0
30	23	33	15	9	7	4	2	1
35	27	31	30	5	1	2	1	0
40	34	20	27	9	5	2	2	2
45	26	27	29	16	6	3	0	2
50	29	23	24	3	6	4	1	0
55	14	28	13	3	8	0	0	0
60	19	11	13	4	6	0	0	0
65	14	15	11	8	5	0	3	0
70	8	18	9	0	0	0	0	0
75	7	9	8	1	1	0	0	0
80	0	4	4	1	1	0	0	0
Upwards 80	0	4	4	0	0	0	0	0
Total ..	227	257	220	68	53	29	11	5

The disorderly were nearly three to one, including the violent, dangerous, noisy, mischievous, dirty, and suicidal, which were about 8 per cent.

CONVERSATION AND EXPRESSION AT EACH PERIOD.

		Rational.	Incoherent.	Personal.	Indecent or abusive.	Dumb or Silent.	Religious.	Not Stated.	Natural.	Melancholy.	Sullen.	Sly.	Vacant.	Wild.	Not Stated.
Under	20	6	22	0	5	9	0	9	6	2	2	1	27	10	3
to	25	11	28	4	4	17	3	4	9	8	4	5	25	16	4
	30	15	49	5	2	11	9	3	14	12	5	8	23	31	1
	35	21	42	8	2	12	6	6	14	18	4	6	20	30	5
	40	25	45	8	5	12	5	4	21	21	6	3	26	24	3
	45	16	64	9	6	6	8	0	22	16	6	8	20	33	1
	50	23	42	9	5	8	3	0	18	16	5	6	17	30	2
	55	12	28	7	5	8	4	2	10	15	3	5	10	21	1
	60	14	18	7	1	6	2	5	17	8	2	6	9	11	0
	65	21	19	5	3	2	3	3	10	19	4	1	10	11	1
	70	2	18	1	3	4	3	4	6	8	1	3	8	7	2
	75	7	9	2	1	2	4	1	10	4	1	3	3	5	0
	80	1	5	3	1	0	0	0	1	2	0	0	2	5	0
Upwards	80	0	6	1	0	0	0	1	3	1	0	0	1	2	1
Total	..	174	395	69	43	97	50	42	161	150	43	55	201	236	24

In the majority the conversation was observed to be irrational, about one in seven were silent. The expression also was observed to deviate from the natural, in the great majority.

RESULTS AT EACH PERIOD.

	Recovered.	Relieved.	Not Improved.	Escaped.	Dead.	Remaining.
Under	20	1	7	0	12	16
to	25	2	6	0	17	23
	30	8	4	1	31	28
	35	7	7	1	34	23
	40	11	10	0	36	29
	45	10	11	1	39	24
	50	5	4	1	43	16
	55	6	1	0	23	9
	60	7	0	0	20	11
	65	5	1	0	21	5
	70	2	1	0	23	3
	75	6	0	0	10	5
	80	0	0	0	8	0
Upwards	80	0	0	0	7	0
Total	..	358	70	52	324	192

The results of one thousand male admissions have been, recoveries 35.76 per cent., relieved 7, not improved 5.23, escaped 4, died 32.4, and remaining 19.21 per cent.

The state of the pulse in 175 of the male patients on admission was unusually frequent, varying from 100 to 156 in a minute, in 29 of these it reached 108, and only in 7 did it exceed 120 in the minute; in 217 the pulse varied from 90 to 98; in 208 it varied from 80 to 88; in 170 from 70 to 78; in 32 from 60 to 68; in 4 from 47 to 58; and in 64 the pulse was not stated.

The tongue was clean in 438 of these patients on admission, white in 318, creamy in 6, red in 25, raw in 1, loaded in 21, furred in 14, brown in 4, flaccid in 5, rugged in 1, paralyzed in 7, not stated in 30.

The skin was cool in 450 on admission, cold in 90, clammy in 2, warm in 184, hot in 130, natural in 14.

Of 130 re-admissions, 67 were re-admitted once, 15 twice, 4 three times, 4 four times, and 1 was 5 times readmitted.

Of the 67 only re-admitted once, 30 were cases of mania, or recurrent mania, 13 of melancholia, 5 of monomania, 3 of moral insanity, 1 dementia, 1 congenital imbecility, 2 epilepsy, 5 of general paralysis, and 7 of delirium tremens. The assigned causes of the disorder in these cases were, intemperance in 23, poverty in 3, domestic grief in 2, disappointed affections in 2, illtreatment in 2, jealousy in 1, remorse in 2, religious excitement in 5, over study in 1, anxiety in 2, exposure to sun in 1, injury to head in 3, cerebral disease in 2, bite of a fox in 1, hereditary in 8, no cause assigned in 9.

Of the 15 individuals twice admitted, making 30 re-admissions, there were 7 cases of recurrent mania, 5 of melancholia, 1 of moral insanity, and 2 of delirium tremens. The assigned causes of the disorder in these cases were, intemperance in 4, pecuniary losses in 3, hereditary predisposition in 2, religious excitement in 1, previous illness in 1, illtreatment in 1, no cause assigned in 3.

Of the 4 males admitted 3 times, 2 were cases of recurrent mania, 1 of moral insanity, and 1 of melancholia. The assigned causes in these 4 were, injury to the head in 1, intemperance in 1, disappointed affections in 1, hereditary in 1.

Of the 4 cases, each re-admitted upon four occasions, there was mania from hereditary predisposition in 1, monomania from over-anxiety in one, and delirium tremens from intemperance in 2. One man in a state of recurrent mania from hereditary predisposition, was re-admitted five times since the first opening of the asylum in 1848. During the intervals, he has earned his living.

Medical Treatment.

In the first quarter, January, February, and March, the number of cases which came under medical treatment were 56 males and 48 females; the disorders from which they suffered were as follows:—influenza 5 males and 6 females, bronchitis and asthma 2 males and 4 females, pneumonia 2 males, pulmonary phthisis 4 males and 1 female, dysentery and diarrhœa 3 males and 2 females, icterus 3 males and 2 females, dyspepsia 2 males, colic 1 female, dropsy 2 males and 1 female, ischuria 1 male and 1 female, cynanche tonsillaris 1 male, scrofula 1 female, hernia 2 females, erythema 1 female, abscess 1 male and 1 female, gangrene 1 male and 1 female, rheumatism 1 female, ulcers legs 1 male and 3 females, melancholia and marasmus 7 males and 9 females, paraplegia 1 male and 1 female, general paralysis 8 males, mania and sleeplessness 2 males and 3 females, chorea 2 males, hysteria 2 females, epilepsy 9 males and 8 females.

In the second quarter, including April, May, and June, 53 males, and 61 females were under medical treatment. There were 7 males and 3 females for asthma and bronchitis, 5 males and 5 females for influenza, 1 male and 3 females for pulmonary phthisis, 1 female for pneumonia, 2 females for pertussis, 1 male and 1 female for dropsy, 1 female for purpura, 2 males and 1 female for anemia, 2 for jaundice, 1 male for hæmorrhoids, 2 males and 2 females for diarrhœa and dysentery, 1 male and 2 females for dyspepsia, for paralysis 1 male, general paralysis of the insane 5 males and 1 female, 3 males for chorea, 2 females for hysteria, 8 males and 7 females for epilepsy, 3 males and 6 females for maniacal excitement attended with sleeplessness, 2 males and 5 females for melancholia combined with marasmus, 2 males and 1 female for scrofula, 3 females for cuticular eruptions, 1 male for necrosis, 1 female for hernia, 1 male and 2 females for carbuncle, 2 males for contusions, 2 males and 1 female for rheumatism, 2 males and 3 females for ulcers, and 4 males and 4 females for fever.

There came under treatment in the third quarter 57 males and 43 females; 5 males for general paralysis, 1 male for paralysis, 2 males and 3 females for mania with sleeplessness, 2 males and 3 females for melancholia with marasmus, 1 female for hysteria, 1 male for cephalalgia, 1 male and 1 female for convulsions, 10 males and 13 females for epilepsy.

There was 1 male under treatment for pneumonia, 3 males and 1 female for bronchitis and asthma, 2 males for influenza, 1 male for hydrothorax, 4 males and 2 females for pulmonary phthisis, 1 male and 1 female for diarrhœa, 1 female for hæmorrhoids, 1 male and 3 females for jaundice, 2 females for dyspepsia, 1 male for painters' colic, 1 male for hæmatemesis, 1 male for peritonitis, 1 male for albuminous urine, 1 female for dropsy, 1 female for ischuria, 1 male for worms, 1 male and 5 females for cachexy and anemia, 2 males and two females for fever, 2 females for erythema, 2 females for psoriasis, 1 male for carbuncle, 2 males and 2 females for abcess, 1 male for contusions, 1 male for rheumatism, 5 males and two females for ulcers.

In the last quarter, October, November, December, 48 males and 46 females came under treatment; 6 males were under treatment for general paralysis, 2 males for paralysis, 1 male and 3 females for mania combined with sleeplessness, 1 male and 2 females for melancholia combined with cachexy, 1 male and 3 females for cachexy, 2 males and 3 females for anemia, 1 female for hysteria, 1 male for cephalalgia, 8 males and 14 females for epilepsy. There were 2 males and 1 female under treatment for diarrhœa, 1 male and 2 females for cyanche tonsillaris, 2 males for hæmatemesis, 1 male and 2 females for dyspepsia, 1 male for peritonitis, 1 male and 1 female for icterus; also, 1 male for pneumonia, 4 males and 4 females for bronchitis, 3 males and 1 female for influenza, 2 males and 2 females for pulmonary phthisis; there were 3 males and 1 female for fever, 2 males for carbuncle, 1 female for abcess, 2 males and 1 female for ulcers, 1 male for a contusion of the leg, 1 male for eczema, 1 male for psorophthalmia, and 1 male for Bright's disease.

TABLES showing the age and number of fits by day and by
MALES.

EPILEPTIC MALES.	Age	January 1 to 31.		February, 1 to 28.		March 1 to 31.		April 1 to 30.		May 1 to 31.		June 1 to 30.		July 1 to 31.		August 1 to 31.		September 1 to 30.		October 1 to 31.		November 1 to 30.		December, 1 to 31.		Whole Year.		
		D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	D.	N.	
Ban. J.	45	..	2	10	1	11	..	3	..	1	..	1	..	6	1	4	36	2	
Bo. Ab.	60	..	2	4	1	4	..	3	..	6	1	4	..	1	..	..	..	..	..	..	..	..	..	..	31	9
Ber. Sam.	31	..	1	..	..	1	..	2	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	8	3
Bry. Wm.	25	..	7	12	..	15	..	11	1	12	..	10	..	3	..	..	..	..	..	..	..	..	..	..	114	4
Bar. Jos.	70	..	4	3	4	5	..	4	..	..	..	4	..	..	..	6	..	..	..	..	..	..	..	..	24	13
Bur. J.	32	..	5	..	..	12	..	3	..	30	1	6	..	3	..	6	..	..	..	..	..	..	..	..	80	11
Chap. Fred.	30	..	..	11	..	4	..	11	..	2	..	7	..	2	..	6	..	..	..	..	..	..	..	..	83	6
Clar. Ed.	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	1
Day. Hen.	38	..	..	6	1	12	..	27	..	15	1	30	..	21	..	11	..	13	..	1	..	..	..	..	168	7
De. Ja.	47	..	20	13	1	7	..	14	1	11	1	8	..	9	..	10	..	3	..	6	..	..	..	..	113	57
Elm. Fran.	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	67	4
Ev. Ch.	32	..	3	..	2	1	..	..	2	..	3	1	..	11	..	8	..	5	..	2	..	..	..	..	6	22
Fr. Pet.	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	44	3
Ga. Dan.	60	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
Gar. Wm.	24	..	..	..	..	12	..	8	13	9	18	..	..	..	..	..	..	..	..	..	..	..	..	..	29	43
Gre. Hen.	26	..	4	5	7	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	22	17
Gib. Jos.	37	..	..	..	..	..	..	..	..	2	1	..	..	2	8	..	1	..	13	..	..	..	..	..	9	86
Hol. Hen.	20	..	7	3	4	5	..	7	11	6	10	9	8	3	8	..	9	3	2	6	..	..	..	..	58	76
Hal. Ja.	34	..	..	1	1	2	..	3	..	2	..	2	..	3	..	2	1	4	2	2	3	..	..	..	22	10
Had. Wal.	28	..	27	7	14	1	6	16	18	3	21	40	19	9	17	22	9	23	5	16	11	18	13	14	7	237		
Har. Ch.	30	..	1	21	1	23	..	11	1	12	..	21	..	38	1	50	3	30	1	14	5	8	3	14	2	277		
Jew. Eze.	18	..	35	4	6	12	..	8	13	8	..	3	..	9	2	9	..	1	..	..	..	..	..	..	61	16
Jae. Wm.	44	..	5	1	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	38	34
Kn. Ja.	68	..	..	..	4	..	..	3	..	3	..	3	..	3	4	3	5	..	2	3	2	7	6	4	7	9
Lum. Ch.	21	..	3	2	2	4	..	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	9
Mil. Ar.	19	..	11	14	..	4	..	..	..	3	4	5	5	9	14	4	10	4	3	6	7	1	11	..	49	89
Mel. Ben.	59	..	11	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	16
Ma. Neh.	18	..	11	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	48
Mor. Ed.	21	..	..	..	..	..	..	..	..	1	..	1	..	5	..	6	..	13	..	..	..	1	1	2	5	4
Po. Thom.	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	9	..
Pa. Char.	38	..	..	..	..	..	..	1	..	..	..	2	..	..	..	4	..	2	..	..	..	..	..	..	..	..
Per. Edw.	29	..	..	..	..	1	..	8	20	18	..	33	23	12	16	13	8	4	3	..	11	12	20	6	16	110
Ri. Thom.	23	..	4	29	2	45	7	20	10	12	2	..	..	16	2	9	3	11	8	47	5	14	3	5	1	212
Rey. Wm.	22	..	2	1	5	16	6	6	..	4	2	6	4	6	..	8	..	1	..	1	1	7	6	1	68	
Sam. Am.	53	..	3	5	..	1	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	1	1	..	9	..
Sta. Geo.	28	..	2	..	..	..	..	..	..	2	1	3	..	..	..	2	..	5	1	13	1	4	..	..	36	7
Spr. Jac.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Tay. Tor.	25	..	4	17	13	3	..	28	22	16	31	9	13	3	1	6	..	15	1	11	1	1	104	
Thom. Tho.	12	..	1	2	1	4	1	1	1	3	2	7	4	9	2	33	..	3	1	2	2	65	16	
Wy. Wm.	10	..	5	6	9	13	22	7	..	8	14	19	11	11	20	21	19	1	17	14	12	3	10	5	3	113	153	
Wal. Joh.	42	..	..	..	..	15	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	12
Wh. Jo.	24	1	..	
Total ...	165	108	174	72	234	131	209	116	213	114	229	110	184	114	227	100	162	101	239	97	189	105	153	94	2378	1262		
Average ...	273	9	10	11.4	9	10	10.5	11.3	9.7	9.9	8	11.2	9	8.5	9	8.5	9	8.5	9	8.5	9	8.5	9	8.5	9	8.5	3640	20

Epilepsy.

The total number of epileptics during the year was 69, and of these 42 were males and 27 females. In the tables are shown the number of fits by day and by night in each of those individuals, for every month. The number of fits by day, as formerly the case, has been double the number of those by night, and the disproportion has been greater amongst the females than the males, amongst whom the fits by night were more than half those by day. There were four males and two females who had no fits by night, and two males who had no fits by day. The highest average number of fits was in March, June, and October in the males, and in August, September, and October, in the females. In the latter month, the average in the females was double that of the males, and the general average on the whole year has been greatly in excess in the females compared with the males. The greatest number of fits in one male during the year was 300, and in one female 463. The total number of fits was 7351, the preceding year 6342. There were 4 fatal cases amongst the males, and 4 amongst the females, which are marked in the tables in *italics*. One aged man had 3 fits; he is in a state of fatuity, and for the last 8 months he has had no return; one female who has been in the house many years, has only had 3 fits during the year. One female aged 29, whose fits were frequent in the beginning of the year, was given the tincture of sumbul regularly for some months, and towards the end of the year her fits greatly diminished, she was entirely free from them for the last three months, and has stopped taking medicine of every kind. One male was removed, not improved at the request of his friends.

Analysis of the Tables.

Of the 66 recoveries in table 1, upwards of two-thirds were persons who had been sent by their parishes to the asylum in the first month of their illness; of these 20 were males and 23 females. The average duration of treatment in the males was $8\frac{1}{4}$, and in the females $9\frac{1}{4}$ months. Mania was the most common form of the disorder, especially amongst the males, and as found in previous reports, hereditary predisposition, intemperance, and previous illness, were the most frequent causes.

Of those admitted, 62 per cent. were from their own

homes, 32 per cent. from workhouses, and 6 per cent. from other asylums and from gaols. The discharges relieved and recovered amounted to $27\frac{3}{4}$ per cent., and the deaths to $9\frac{1}{4}$ per cent., on the admissions of the year, as shown in Table No. 2.

By table No. 3, it appears that the greatest number of patients in the house was in the month of May, when there were 417, and the greatest number of admissions in March and November, the greatest number discharged recovered in May and August, the greatest number of deaths at the beginning, and the fewest at the end, of the year. The number of patients remaining in the asylum on the 31st December, 411. The male epileptics were one-third more numerous than the females; the number of fits were, however, more numerous in the females. The number of violent, dirty, destructive patients, and the number and time in seclusion, is shown. The average number of patients under medical treatment was 68. Nearly two-thirds of the patients attended divine service, and about 50 attended the parish church on Sundays. More than half the patients were employed, the remainder, amongst whom were many aged and infirm, were incapable of employment.

Of the 76 males and 64 females admitted, the age at which insanity most prevailed, according to Table IV, was from 30 to 50 in males, and from 20 to 35 in females. There were one-third more married than single men; the single and married females were the same in number; about two-thirds were suffering from a first attack.

Agriculture and domestic service were the principal occupations of those admitted, as shown in Table V. The bodily health was good in one-third of those admitted, according to Table VI, bad in rather less than one-third, and indifferent in upwards of one-third; $41\frac{1}{2}$ per cent. of those remaining were in good and $58\frac{1}{2}$ per cent. in bad or indifferent health. According to Table VII, three-fourths of those admitted were members of the Established Church; $13\frac{1}{2}$ per cent. were Dissenters, $6\frac{3}{4}$ per cent. were Wesleyans, and $2\frac{1}{4}$ per cent. Roman Catholics. More than one-half could read and write, many could read a little, and there were only 24 totally devoid of education.

From Table VIII. it appears that the physical predo-

minated over the moral causes, more especially in the males, these were principally congenital, from diseases in the nervous centres, and from hereditary predisposition. The moral causes predominated much more in the females than in the males. Mania was, as usual, the most common form of the disorder, as shown in Table IX. Melancholia was more common amongst females, and there were 14 cases of epilepsy in males, and 5 in females, during the year, which with three cases of idiocy and 7 of general paralysis, may be considered hopeless, being $20\frac{3}{4}$ per cent. of the total admissions in the year.

The duration of the existing attack is shown in Table X, from which it appears that 68 of the 140 cases admitted were not of more than three months' standing, and of these 26 were discharged recovered, 4 relieved, and 6 died, leaving 32 still under treatment. Of the remaining 72, only 5 were discharged recovered, 4 relieved, 2 not improved, and 7 died, leaving 54 still under treatment.

The number of admissions, distinguishing the new from the relapsed cases, the number of discharges, distinguishing the recoveries, those relieved, not improved, the deaths, and the numbers remaining of each year, separately, on 31st December, since the opening of the asylum, is shown in Table XI. The ratio per cent. of new cases, relapsed cases, cases recovered, relieved, not improved, dead, and remaining, are also shown. The recoveries on the whole number, since the opening of the asylum, have been 37 per cent., and the mortality 29 per cent.

Summary of the Obituary, for 1860.

During the year there were 52 deaths, 29 males and 23 females. In the first quarter, the mortality was 19 males and 7 females, in the second quarter 5 males and 9 females, in the third quarter 7 males and 5 females, and in the fourth quarter 5 males and 2 females, the mortality being highest in the first, and lowest in the last quarter. As many as 7 males and 2 females died within 4 weeks of their admission. The number of days under treatment varied in the males from 12 to 3650, and in the females from 21 to 4408 days; the average duration for the males was 942, and for the females 1582 days; there were 5 males under treatment 16 days or less, two males 31 days, and two females 24 days and 21 days respectively.

Age—1 male was under 20 years, 2 males and 3 females from 20 to 30, 6 males and 2 females from 30 to 40, 7 males and females from 40 to 50, 3 males and 5 females from 50 to 60, 3 males and 4 females from 60 to 70 years, 5 males from 70 to 80, 2 males and 1 female 80 years and upwards.

Civil State—10 males and 10 females were single, 15 males and 9 females married, and 4 males and 4 females widowed.

Form of mental disorder on admission—12 males and 9 females were in a state of mania, 3 males and 1 female in a state of monomania, 4 males and 6 females in a state of melancholia, 1 male and 4 females in a state of dementia, 3 males in a state of general paralysis combined with dementia, 2 males had epilepsy combined with idiocy, and in 1 male and 3 females it was combined with mania, 3 males were in a state of senile fatuity.

The bodily condition, on admission, in 7 males and 6 females was good, in 8 males and 9 females indifferent, and in 14 males and 8 females, bad.

Number of attack—In 21 males and 14 females it was the first attack, in 6 males and 4 females the second attack, in 1 male and 2 females the third attack, and in 1 male and 3 females the number of the attack was not known.

The duration of the disorder was—Under 3 months' in 1 male and 4 females, from 3 to 6 months' in 2 males and 2 females, from 6 to 12 months' in 4 males and 1 female, from 1 to 2 years' in 6 males, from 2 to 4 years' in 7 males and 2 females, from 4 to 6 years' in 3 females, from 6 to 10 years' in 2 males and 5 females, from 10 to 20 years' in 3 males and 5 females, from birth in 3 males, duration unknown in 1 male and 1 female.

The causes ascribed were—In 2 males and 4 females from hereditary predisposition, congenital in 3 males and 2 females, from disease of the nervous centres in 5 males, from injury to the head in 2 males, from intemperance in 5 males and 1 female, from grief in 2 males and 4 females, from fright in 2 females, from religious excitement in 2 males, from cruel treatment in 1 female, from ill health in one male, from old age and fatuity in 5 males, cause not known in 2 males and 9 females.

The assigned cause of death—In 10 males and 3 females meningitis, in 1 male cerebritis, in 2 males and 3 females cerebral congestion, and in 1 male and 1 female it was combined with epilepsy, in 1 female there was effusion of blood in the spinal canal, in 1 female gangrene of the cerebellum, in 2 males cerebral softening, in 5 males and 2 females softening of the spinal marrow, in 5 males general paralysis, in 3 males and 2 females epilepsy, in 2 males hydrothorax, in 1 male pericarditis, in 6 males and 2 females asthma, in 8 males and 5 females pneumonia, in 4 males and 8 females pulmonary phthisis, in 1 female psoas abscess, in 1 male and 2 females peritonitis, in 1 male and 1 female granular and atrophied kidneys, in 2 females tumors in the liver, in 2 males and 2 females cachexy.

Appearances after death and weight of the principal organs in 25 males and 21 females.

In 4 males and 2 females no post mortem examination was made.

Head and spine—The skull was unusually thick in 2 males and 1 female, the dura mater was firmly adherent to the skull in 10 males and 2 females, there was opacity and thickening of the arachnoid in 9 males and 7 females, the quantity of fluid in the ventricles and sac of the arachnoid was more than natural in 10 males and 10 females, there was congestion of blood in the cerebral veins in 9 males and 7 females, cerebral apoplexy in 2 males and 1 female, the brain was normal in four cases, unusually pale in 4 males and 2 females, firm in 7 males and 5 females, softened in 1 male and 2 females, cellular in 1 male and 1 female, tumors in brain in 2 females, atrophied in 2 males and 1 female, there were inequalities of the cerebral hemispheres in 6 males and 6 females, in the latter the left cerebral hemisphere was heavier than the right, varying in difference from $\frac{3}{4}$ to 2 ounces, in 3 males it was from $\frac{1}{2}$ to 1 ounce heavier, and in 3 males the right cerebral hemisphere was from $\frac{1}{2}$ to 1 ounce heavier than the left cerebral hemisphere. The weight of the encephalon varied in 25 males from $36\frac{1}{4}$ to $54\frac{3}{4}$ ounces, and in 21 females from $35\frac{1}{4}$ to $50\frac{1}{2}$ ounces; the average weight in the males was 47.11 and in the females 43.97 ounces. The spinal cord was natural in 10 males and 2 females, it was unusually firm in 1 female, and softened in 8 males and 3 females, the

weight of the spinal marrow varied in 20 males from $\frac{3}{4}$ to $\frac{1}{2}$ and in 17 females from $\frac{3}{4}$ to $1\frac{1}{2}$ ounces, the average weight in the males was 1.12, and in the females 1 ounce.

Thorax—Pleuritic adhesions of long standing were found in 7 males and 10 females, and recent pleuritic adhesions on the right side in 5 males and 1 female, and on the left side in 1 male and 1 female, there was hydrothorax in 2 males and 1 female, oedema or congestion of the lungs in 8 males and 4 females, average weight of the right lung $24\frac{3}{4}$ in the males and $22\frac{1}{4}$ in the females, and of the left lung $23\frac{3}{4}$ in the males and 20 in the females, bronchitis and emphysema of the lungs in 6 males and 4 females, pneumonia of the right lung in 6 males and 4 females, and the average weight of the right lung was $34\frac{3}{4}$ in the males and $22\frac{1}{2}$ in the females, pneumonia of the left lung only, in 1 male and 2 females, pulmonary tubercles in 4 males and 5 females, the average weight of the right lung $43\frac{1}{4}$ in the males and $22\frac{1}{2}$ in the females, and of the left lung $37\frac{1}{2}$ in the males and $22\frac{1}{4}$ in the females. The right lung was free from disease in 7 and the left in 10 males, and the right lung in 8 and the left in 10 females, the average weight of the right lung was in the males 16.17 and 14 ounces in the females, and the left lung 14.85 in 10 males and 13.2 ounces in 10 females. There was pericarditis in 1 male, the heart was enlarged in 11 males and 9 females; the average weight of the heart in 25 males was $11\frac{3}{4}$ and in 21 females $8\frac{1}{2}$ ounces, all above these averages were considered as enlarged; in 5 males and 8 females, the heart was below the average, the large hearts varied in size in the males from 12 to $19\frac{1}{4}$, and in the females from 9 to 12 ounces, and the small hearts from 11 to $5\frac{3}{4}$ in the males and from 7 to $4\frac{1}{4}$ ounces in the females.

Abdomen—The omentum fatty in 2 males and adherent to the inguinal ring in 1 male, inflammation of the peritoneum in 1 male and 1 female, tubercular in 1 female, gastritis in 2 males and 1 female, inflammation and ulceration of colon in 1 male and 1 female, and of the ileum in 1 female, ascites in 1 female, biliary concretions in 2 females, cancerous tumors in the liver in 3 females, liver soft in 1 male, enlarged mesenteric glands in 2 males and 4 females, cyst in the right kidney in 3 males and 1 female, and in the left kidney in 1 female, renal capsules distended with blood in 1 male, and the right one in one female, the urinary bladder thickened in 1 male, and in 1 enlargement of the mid-

dle lobe of the prostrate gland, psoas abscess in 1 female, ovarian cysts in 2, and exostosis of the tibia in 1 female, the fingers of the left hand contracted in 1 male. The weight of the stomach varied in the male from $3\frac{1}{4}$ to $7\frac{1}{2}$ ounces, and in the female from $3\frac{1}{2}$ to 7 ounces, the average weight in 25 males was 5 and in 21 females 5.4 ounces. The weight of the liver varied in the male from 32 to 72 ounces, and in the female from 27 to 75 ounces, the average weight in 25 males was 50.2 and in 21 females 45.7 ounces. The spleen varied in weight in the males from $1\frac{1}{4}$ to $14\frac{1}{4}$ ounces, and in the females from $1\frac{3}{4}$ to $17\frac{1}{2}$ ounces, the average weight in 25 males was 5.4 and in 21 males 6.3 ounces. The average weight of the pancreas was 3 ounces in the males and 2.8 in the females, it varied in weight from $2\frac{1}{2}$ to 4 ounces in the males, and from 2 to $3\frac{1}{2}$ ounces in the females. The right kidney varied in the males from $2\frac{1}{2}$ to 6, and in the females from $2\frac{3}{4}$ to $6\frac{1}{4}$ ounces, the average weight in 25 males was 4.5, and in 21 females 4.3 ounces; the left kidney varied in weight in the males from $3\frac{1}{4}$ to 7 ounces, and from $2\frac{3}{4}$ to 6 ounces in the females, the average weight in the males was 5 and in the females 4 ounces. The average weight of the renal capsules was 3 ounces in males and females. The average weight of the uterus 1.8 ounces.

The weight of the body varied in 22 males from 60 to 137 lbs., and in 21 females from 60 to 132 lbs.; the average weight in the males was 112.3 and in the females 89.2 lbs. The height varied in the males from 5 to 5 feet 10 inches, and in the females from 4 feet 11 inches to 5 feet 8 inches, the average height in the males was 5 feet $6\frac{1}{2}$ and in the females 5 feet 2 inches.

TABLES.

TABLE I. (1800.)

Showing the time that each of 60 cases passed for its treatment in the hospital, arranged in a line with the length of time it had passed prior to admission.

Time passed prior to admission.	No. of cases.	Time consumed in the treatment.
1 day	1	1 day
2 days	2	2 days
3 days	3	3 days
4 days	4	4 days
5 days	5	5 days
6 days	6	6 days
7 days	7	7 days
8 days	8	8 days
9 days	9	9 days
10 days	10	10 days
11 days	11	11 days
12 days	12	12 days
13 days	13	13 days
14 days	14	14 days
15 days	15	15 days
16 days	16	16 days
17 days	17	17 days
18 days	18	18 days
19 days	19	19 days
20 days	20	20 days
21 days	21	21 days
22 days	22	22 days
23 days	23	23 days
24 days	24	24 days
25 days	25	25 days
26 days	26	26 days
27 days	27	27 days
28 days	28	28 days
29 days	29	29 days
30 days	30	30 days
31 days	31	31 days
32 days	32	32 days
33 days	33	33 days
34 days	34	34 days
35 days	35	35 days
36 days	36	36 days
37 days	37	37 days
38 days	38	38 days
39 days	39	39 days
40 days	40	40 days
41 days	41	41 days
42 days	42	42 days
43 days	43	43 days
44 days	44	44 days
45 days	45	45 days
46 days	46	46 days
47 days	47	47 days
48 days	48	48 days
49 days	49	49 days
50 days	50	50 days
51 days	51	51 days
52 days	52	52 days
53 days	53	53 days
54 days	54	54 days
55 days	55	55 days
56 days	56	56 days
57 days	57	57 days
58 days	58	58 days
59 days	59	59 days
60 days	60	60 days
Total	60	60 days

APPENDIX.

By time of admission, the time of the disease, and the time of the cure.	No. of cases.	Time consumed in the treatment.
Measles	1	1 day
Scarlatina	2	2 days
Smallpox	3	3 days
Whooping Cough	4	4 days
Diphtheria	5	5 days
Scarlet Fever	6	6 days
Measles	7	7 days
Scarlatina	8	8 days
Smallpox	9	9 days
Whooping Cough	10	10 days
Diphtheria	11	11 days
Scarlet Fever	12	12 days
Measles	13	13 days
Scarlatina	14	14 days
Smallpox	15	15 days
Whooping Cough	16	16 days
Diphtheria	17	17 days
Scarlet Fever	18	18 days
Measles	19	19 days
Scarlatina	20	20 days
Smallpox	21	21 days
Whooping Cough	22	22 days
Diphtheria	23	23 days
Scarlet Fever	24	24 days
Measles	25	25 days
Scarlatina	26	26 days
Smallpox	27	27 days
Whooping Cough	28	28 days
Diphtheria	29	29 days
Scarlet Fever	30	30 days
Measles	31	31 days
Scarlatina	32	32 days
Smallpox	33	33 days
Whooping Cough	34	34 days
Diphtheria	35	35 days
Scarlet Fever	36	36 days
Measles	37	37 days
Scarlatina	38	38 days
Smallpox	39	39 days
Whooping Cough	40	40 days
Diphtheria	41	41 days
Scarlet Fever	42	42 days
Measles	43	43 days
Scarlatina	44	44 days
Smallpox	45	45 days
Whooping Cough	46	46 days
Diphtheria	47	47 days
Scarlet Fever	48	48 days
Measles	49	49 days
Scarlatina	50	50 days
Smallpox	51	51 days
Whooping Cough	52	52 days
Diphtheria	53	53 days
Scarlet Fever	54	54 days
Measles	55	55 days
Scarlatina	56	56 days
Smallpox	57	57 days
Whooping Cough	58	58 days
Diphtheria	59	59 days
Scarlet Fever	60	60 days
Total	60	60 days

TABLES.

TABLE I. (1860).

Showing the time that each of 66 cases required for its treatment to effect recovery, arranged in a line with the length of time it had existed prior to admission.

Duration of the Disease prior to admission.	No. of Cases.		Time occupied in the Treatment to effect recovery.											
	M.	F.	MONTHS.											
			M.						F.					
1 Week	5	6	2	4	13	3	3	4	9	61	7	5	9	
2 Ditto	5	6	4	5	13	6	3	7	11	3	4	3	7	
3 Ditto	5	6	4	4	3	3	4	8	11	3	3	4	13	
4 Ditto	5	5	34	5	5	7	10	8	6	3	10	12	..	
6 Ditto	2	3	4	3	..	..	..	5	5	21	..	..	..
8 Ditto	3	2	6	13	26	..	..	8	8	..	..	..	..
3 Months	2	1	3	3	..	..	..	6	..	..	..	..	..
4 Ditto	2	1	6	3	..	..	..	7	..	..	..	..	..
6 Ditto	2	2	120	11	..	..	..	8	5	..	..	..	..
9 Ditto	1	0	4	..	..	..	..	..	..	..	..	..	..
1 Year	0	0	..	..	..	..	..	..	..	..	..	..	..
2 Ditto	1	1	7	..	..	..	..	4	..	..	..	..	..
Unknown	0	0	..	..	..	..	..	..	..	..	..	..	..
Total	33	33												

Of these 66 recoveries, the form of the disorder had been:—

	M.	F.
Mania	15	9
Recurrent Mania	7	8
Puerperal Mania	0	4
Monomania	2	2
Melancholia	8	10
Delirium Tremens	1	0

Total

The causes were	M.	F.
Hereditary predisposition	3	8
Grief	1	3
Love and Jealousy	0	3
Fright	2	2
Ill treatment	2	1
Loss of Property	0	1
Destitution	1	3
Previous illness	4	2
Religious excitement	4	2
Intemperance	8	2
Injury to the Head, and } cerebral apoplexy... }	5	0
Over study	1	0
Critical period	0	5
Unknown	2	1

Total

TABLE II.

Showing the number of Patients admitted from each Union, distinguishing between those brought from their own Homes, the Workhouses, and Asylums, with the results, in 1860.

UNIONS	Homes.		Workhouses		Asylums.		Total.		Recovered.		Relieved.		Died.		Remaining.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Axbridge	7
Bath	8
Bedminster	5
Bridgwater	7
Chard	8
Cardiff	7
Clutton	4
Dulverton	0
Frome	5
Keynsham	1
Langport	2
Shepton Mallet	1
Taunton	4
Wellington	3
Wells	6
Wincanton	5
Williton	9
Yeovil	6
TOTAL ..	47	39	24	21	5	4	76	64	16	14	7	2	10	3	42*	45	87*

* One Male discharged not improved, deducted.

TABLE III. (1860).

Showing the principal occurrences of each Month.

	Jan.		Feb.		March.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Total on 31st Dec.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Number of patients on 1st of the month ..	191	212	191	212	193	213	198	218	200	217	196	216	200	215	200	213	196	210	196	211	195	208	195	213	195	216
No. patients admitted	10	4	6	5	11	8	6	4	6	7	7	4	5	9	3	4	6	4	5	2	8	8	3	5	76	64
No. patients discharged recovered ..	3	1	0	1	4	1	3	2	4	5	2	2	0	7	5	6	4	2	3	1	3	3	2	2	33	33
No. patients discharged relieved	0	0	0	0	0	0	1	0	2	0	0	0	2	0	0	0	0	1	1	1	2	0	0	0	7	2
No. patients discharged not improved	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	3	2
No. deaths	6	2	4	3	2	2	0	3	4	3	1	3	3	3	2	1	2	1	2	2	3	0	0	0	29	23
No. patients remaining on last of the month	191	212	193	213	198	218	200	217	196	216	200	215	200	213	196	210	196	210	196	208	195	213	195	216	409	409
No. epileptics	29	24	30	24	33	23	31	21	32	21	32	22	31	23	33	24	33	24	33	22	34	22	34	22	36	23
Aggregate number of fits	273	223	246	232	365	260	325	281	327	199	339	216	298	342	312	323	263	467	336	587	294	444	246	337	3624	4011
No. violent patients	2	1	3	1	2	1	1	1	5	2	3	3	3	2	3	1	3	1	1	2	3	1	1	1	2.5	1.4
No. dirty do.	13	25	8	23	10	26	9	24	9	26	7	20	8	19	9	18	11	20	7	23	8	23	9	22	9	24
No. destructive do.	6	19	4	13	2	11	5	11	10	13	11	13	4	14	9	12	8	7	5	8	9	11	6	15	6.5	12.2
No. panes of glass broken	27	41	1	1	0	4	24	8	25	18	22	19	9	9	9	22	13	18	9	13	16	2	9	6	164	161
No. patients in restraint	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	1
No. do. in seclusion	2	1	3	1	2	1	3	1	5	3	4	4	5	6	3	1	3	1	3	3	0	2	1	0	3	2
Aggregate hours of do.	12	6	6	2	3	6	164	8	184	16	68	16	159	36	90	24	60	2	16	14	0	16	14	0	65.5	12.2
Average hours of do.	6	6	2	2	1½	6	51	9	37	5	17	4	32	6	30	24	20	2	5	4	0	8	14	0	17.8	6.2
No. patients under medical treatment	35	27	35	35	34	36	36	42	41	37	42	37	38	30	29	35	33	32	32	35	32	33	26	37	34	34
attending chapel on Sundays	96	120	103	122	105	128	103	128	101	117	116	126	108	127	104	126	114	125	103	120	100	126	100	128	105	124
attending chapel in the morning	51	88	56	77	62	79	66	99	64	70	67	70	65	70	65	78	69	70	75	70	64	70	62	70	64	76
on week days ..	93	98	89	98	90	92	91	95	90	95	92	97	94	94	91	96	94	98	88	94	90	99	90	98	90	96
employed ..	69	85	79	82	75	80	79	89	80	87	79	82	78	83	79	81	71	84	78	78	81	76	81	93	86	83
unemployed, sick, and infirm ..																										

* 1 Male and 1 Female out on probation.

TABLE IV. (1860.)

Showing in quinquennial periods the ages of those admitted, the sexes, the civil condition, and the number of attack of Insanity.

Age in Quinquennial periods.	No. of admissions.			CIVIL CONDITION.						NUMBER OF ATTACK.					
				Single.		Married.		Widowed.		1st.		2nd.		3rd or more.	
	M.	F.	Total.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 15 years.	1	1	2	1	1	...	...	...	...	1	1	...	...	...	...
From 15 to 20 years.	5	1	6	5	1	...	...	...	...	4	1	...	...	...	...
20 25 do.	6	12	18	6	11	...	...	...	...	6	8	...	...	...	...
25 30 do.	4	7	11	3	5	...	...	...	...	4	5	...	...	...	...
30 35 do.	10	13	23	7	6	...	...	...	...	7	7	...	...	...	...
35 40 do.	9	4	13	4	1	...	...	...	...	7	3	...	...	...	...
40 45 do.	10	6	16	1	...	...	...	...	...	5	4	...	...	...	...
45 50 do.	11	4	15	1	...	...	...	...	...	7	2	...	...	...	...
50 55 do.	5	6	11	1	...	...	...	...	...	2	1	...	...	...	...
55 60 do.	2	5	7	...	...	...	...	...	...	1	3	...	...	...	...
60 65 do.	5	4	9	...	...	...	...	...	...	3	1	...	...	...	...
65 70 do.	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...
70 75 do.	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
75 80 do.	3	1	4	...	...	...	...	...	...	2	...	...	...	...	...
80 85 do.	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...
TOTAL	76	64	140	30	30	41	30	5	4	52	37	13	14	12	2

TABLE V.

Showing the occupation of Patients admitted in 1860.

MALES.				FEMALES.			
Agricultural Labourers	24	Paupers	.. .. 3	Agriculture	.. .. 3		
Bakers..	.. .. 4	Sailors	.. .. 6	Labourers' Wives	.. .. 3		
Butcher	.. .. 1	Shoemakers	.. .. 3	Domestic Servants	.. .. 20		
Carpenters	.. .. 2	Shopmen	.. .. 3	Shopkeepers	.. .. 2		
Cabinet Makers	.. .. 2	Unknown	.. .. 2	Glove Makers	.. .. 2		
Masons	.. .. 5	Porter	.. .. 1	Charwomen	.. .. 2		
Miller ..	.. .. 1	Soldier	.. .. 1	No occupation	.. .. 2		
Miner ..	.. .. 1	Plumber & Glazier..	1	Gentlewoman	.. .. 1		
Farmers	.. .. 10			Needlework	.. .. 2		
Coach Maker	.. .. 1			Shoebinders	.. .. 3		
Hawkers	.. .. 3			Factory Workers	.. .. 3		
Chandler	.. .. 1			Paupers	.. .. 3		
Milkman	.. .. 1			Household	.. .. 15		
				Farmers' Daughters	3		
		Total	.. .. 76	Total	.. .. 64		

TABLE VI.

Showing the bodily health of 140 Patients on admission, contrasting it with the present condition of those remaining.

Bodily Health on Admission.				Bodily Health at present of those remaining.			
	Good.	Bad.	Indifferent.		Good.	Bad.	Indifferent.
Males	27	25	24	Males.	15	6	21
Females	20	15	29	Females.	21	7	17
Total ..	47	40	53		36	13	38

TABLE VII.

Showing the Religion, and the degree of Education with reference to the Admissions.

RELIGION.					DEGREE OF EDUCATION.				
	Church of England.	Dis-senters	Wes-leyans.	Roman Catho-lics.	Good.	Read and Write.	Read only.	Neither read nor write.	Not known.
Males	62	8	5	1	9	35	14	17	1
Females	47	11	4	2	4	28	26	6	0
Total ..	109	19	9	3	13	63	40	23	1

TABLE VIII.

Showing the probable causes of the Disorder in those admitted in 1860.

MORAL.	Males.	Females.	PHYSICAL.	Males.	Females.
Destitution	2	2	Accidental Injury	4	0
Disappointment	1	2	Disease of Nervous		
Dread of Poverty	2	4	Centres	12	2
Fright	1	3	Fatuity	4	1
Grief	2	3	Previous Illness.....	3	2
Loss of Property	1	2	Hereditary Disposition.	10	12
Love and Jealousy....	0	4	Intemperance	11	4
Religious Excitement .	1	3	Puerperal Disease	0	3
Bad Education	0	1	Congenital	15	4
Embarrassed Circum-			Ill Treatment.....	2	2
stances.....	1	3	No cause assigned	4	5
Remorse		2			
Total	11	29	Total	65	35

TABLE IX.

Showing the forms of Disorder in the admissions of 1860.

FORMS OF DISORDER.	Males.	Females.	Total.
Mania	19	17	36
Ditto, Recurrent	10	12	22
Ditto, Puerperal	0	3	3
Dementia	7	4	11
Monomania	6	5	11
Melancholia	8	18	26
Congenital Idiocy	3	0	3
Epilepsy	14	5	19
General Paralysis	7	0	7
Delirium Tremens	2	0	2
Total.. ..	76	64	140

TABLE X.

Showing the duration of the existing attack in those admitted with reference to the result, in 1860.

Duration of the Existing Attack.	Admitted.		Recovered.		Relieved.		Not Improved.		Died.		Remaining.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 Month.	24	21	10	11	1	..	..	..	3	2	10	8
2	6	8	2	2	..	1	..	..	..	..	4	5
3	4	5	..	1	2	..	..	..	1	..	1	4
4	5	4	..	1	1	..	1	..	2	..	1	3
5	5	5	1	..	1	..	..	..	1	..	2	5
6	2	3	1	1	..	..	..	..	..	1	1	1
7	2	1	..	..	..	..	..	..	..	..	2	1
9	2	2	..	..	..	..	..	..	1	..	1	2
12	2	1	..	..	1	..	..	..	..	..	1	1
18	5	3	1	..	..	1	1	..	1	..	2	2
2 Years.	3	0	..	..	..	..	..	..	1	..	2	..
3	1	2	..	..	..	..	..	..	..	..	1	2
5	1	1	..	..	..	..	..	..	..	..	1	1
6	0	1	..	..	..	..	..	..	..	..	..	1
12	0	1	..	..	..	..	..	..	..	..	..	1
15	0	1	..	..	..	..	..	..	..	..	..	1
17	1	0	..	..	..	..	..	..	..	..	1	..
20	2	1	..	..	..	..	..	..	..	..	2	1
From Childhood	11	3	..	..	..	..	..	..	..	..	11	3
Unknown	0	1	..	..	..	..	..	..	..	..	..	1
Total	76	64	15	16	6	2	2	0	10	3	43	43

TABLE XI. (1860.)

Showing the Annual Admissions since the opening of the Asylum on the 1st day of March, 1848, with the Discharges and Deaths, and the number remaining on the 31st December in each Year.

... on the 31st December in each Year

1890		1891		1892		1893		1894		1895		1896		1897		1898		1899		1900	
Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month
1890	Jan	1891	Jan	1892	Jan	1893	Jan	1894	Jan	1895	Jan	1896	Jan	1897	Jan	1898	Jan	1899	Jan	1900	Jan
1890	Feb	1891	Feb	1892	Feb	1893	Feb	1894	Feb	1895	Feb	1896	Feb	1897	Feb	1898	Feb	1899	Feb	1900	Feb
1890	Mar	1891	Mar	1892	Mar	1893	Mar	1894	Mar	1895	Mar	1896	Mar	1897	Mar	1898	Mar	1899	Mar	1900	Mar
1890	Apr	1891	Apr	1892	Apr	1893	Apr	1894	Apr	1895	Apr	1896	Apr	1897	Apr	1898	Apr	1899	Apr	1900	Apr
1890	May	1891	May	1892	May	1893	May	1894	May	1895	May	1896	May	1897	May	1898	May	1899	May	1900	May
1890	Jun	1891	Jun	1892	Jun	1893	Jun	1894	Jun	1895	Jun	1896	Jun	1897	Jun	1898	Jun	1899	Jun	1900	Jun
1890	Jul	1891	Jul	1892	Jul	1893	Jul	1894	Jul	1895	Jul	1896	Jul	1897	Jul	1898	Jul	1899	Jul	1900	Jul
1890	Aug	1891	Aug	1892	Aug	1893	Aug	1894	Aug	1895	Aug	1896	Aug	1897	Aug	1898	Aug	1899	Aug	1900	Aug
1890	Sep	1891	Sep	1892	Sep	1893	Sep	1894	Sep	1895	Sep	1896	Sep	1897	Sep	1898	Sep	1899	Sep	1900	Sep
1890	Oct	1891	Oct	1892	Oct	1893	Oct	1894	Oct	1895	Oct	1896	Oct	1897	Oct	1898	Oct	1899	Oct	1900	Oct
1890	Nov	1891	Nov	1892	Nov	1893	Nov	1894	Nov	1895	Nov	1896	Nov	1897	Nov	1898	Nov	1899	Nov	1900	Nov
1890	Dec	1891	Dec	1892	Dec	1893	Dec	1894	Dec	1895	Dec	1896	Dec	1897	Dec	1898	Dec	1899	Dec	1900	Dec

POST MORTEM APPEARANCES.

And weight of the various Organs, in Ounces Avoirdupois.

Date of Death. 1860.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST MORTEM APPEARANCES.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Jan. 7, 858 1 p.m.	January 17, 1859.	49 Single.	Generalparalysis combined with mania; first attack; bad health.	29 months; dissipated habits	Generalparalysis	No post-mortem examination.		
Jan. 17, 923 10 p.m.	Decembr. 10, 1859.	55 Married.	Generalparalysis combined with mania; bad health	10 months; disease of the nervous centres	Generalparalysis	No post-mortem examination		
Jan. 18, 695 4 a.m.	March 16, 1857.	41 Married.	Mania; first attack; bad health	34 months; disease of the nervous centres	Chronic cerebritis; general paralysis	Cerebral hemispheres flattened on top, right hemisphere 1 oz. heavier than left, brain structure firm; each lateral ventricle contained about 1 oz. of clear fluid; weight of brain 42; spinal cord firm 1½.	Old pleuritic adhesions on left side; right lung 17½, left 17, heart 10, flabby and fatty.	Weight of stomach 7, spleen 3, pancreas 3, liver 45, right kidney 4, left 4½, renal capsules ¼; weight of body 134 lbs., height 5 feet 6.

OBITUARY, continued—MALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST MORTEM APPEARANCES.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Jan'y. 18, 712 6 a.m.	May 27, 1857.	73 Married.	Monomania, first attack; indifferent health	31 months' illness.	Emphysema; enlarged heart; chronic meningitis	Dura mater firmly adherent to cranium; cerebral veins congested, weight of brain 44½; spinal cord normal 1.	Old pleuritic adhesions on both sides, emphysema of both lungs, bronchial lining membrane injected, and muco-purulent fluid in bronchial tubes, oedema of lower lobes of both lungs; right lung 27, left 27½; heart large 15, no valvular disease.	Fatty omentum adherent to right inguinal ring; stomach 5½, spleen 3¾, pancreas 2¾, liver 32, each kidney 4½, renal capsules ¾; weight of body 133 lbs.; height 5 feet 5.
Jan'y 22, 813 10.15 p.m.	July 27, 1858.	57 Widowed	Mania, first attack; indifferent health.	63 months, hereditary.	Broncho-pneumonia, chronic meningitis	Dura mater partially adherent to cranium, arachnoid opaque and thickened, cerebral veins congested, right cerebral hemisphere 1 oz. heavier than left, weight of brain 47½; spinal cord firm 1½.	Right lung universally adherent to pleura, a thick layer of false membrane on posterior surface of right lung, lower two thirds of right lung in second stage of pneumonia, the upper third in first stage, bronchial lining membrane of both lungs red and injected; right lung 59, left lung partially adherent to the pleura and congested; weight 26½; heart 12½.	Liver 56, spleen 7½, pancreas 3, stomach 6, right kidney 6, left 7, renal capsules ¾; weight of body 137 lbs; height 5 feet 10.

OBITUARY, continued.—MALES.

Date of Death.	Date of last Admission.	Age at Death and Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Jan. 26, 928 10. p.m.	January 12, 1860.	77 Married.	Monomania, first attack; indifferent health.	4½ months; fatuity.	Dysentery, pulmonary phsema	Brain apparently normal; weight of brain 48; spinal cord 1.	Old pleuritic adhesions on both sides, upper lobes of both lungs anteriorly emphysematous, lower lobes of both lungs congested; right lung 29, left 25, heart large and flabby 14.	Mucous membrane of colon unusually red and vascular, four or five oval ulcers size of a split pea on mucous membrane of descending colon; stomach 7½, liver large 60, spleen dark colored 4, each kidney 4, pancreas 3½, renal capsules ¾; weight of body 117 lbs., height 5 feet 8.
Feb. 5, 716 5 p.m.	June 19, 1857.	19 Single.	Epilepsy combined with idiocy; good health	Congenital	Cachexy, Epilepsy.	Brain unusually pale, left cerebral hemisphere ¾ oz. heavier than right; weight of brain 46½; spinal cord normal ¾.	Lung appeared normal, right lung 11, left 10; heart small 6½.	Mesenteric glands considerably enlarged, stomach 5½, liver 36½, spleen 4, pancreas 3, right kidney 3½, left 4, renal capsule ¾, body much emaciated, bed sores, ulcer on head; weight of body 60 lbs; height 5 feet.

OBITUARY, continued.—MALES.

Date of Death.	Date of last Admission.	Age at Death Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Feb 12. 887. 4 p.m.	June 21, 1859.	61 Married.	Melancholia, second attack. bad health.	14 months; hereditary on mother's side.	Diarrhœa; Cachexy.	No post mortem examination.		
Feb. 25. 117 and 303. 4 a.m.	Septem. 25, 1851.	38 Single.	Mania; second attack. good health.	15 years; cause not known.	Phthisis Pulmonalis	Brain pale and firm, in other respects apparently normal, except large size, weight 54; spinal cord normal, 1.	Old pleuritic adhesions at apices of both lungs, upper lobes of both lungs loaded with tubercle, most of it hard, some of it soft, left lung most tuberculous, right lung 33½, left 38; heart small 5½	Mesenteric glands enlarged, stomach 6, liver 48, spleen soft 6½, pancreas 3, right kidney 4½, left 5, renal capsules ¾. Weight of body 107 lbs.; height 5-10.
Feb. 28, 158 and 218. 1, p.m.	February 27, 1850.	74 Widowed.	Melancholia; first attack. indifferent health.	11 years; intemperance and an irregular life.	Double Broncho pneumonia; Chronic meningitis.	Dura mater adherent to cranium, arachnoid opaque and thickened, great congestion of cerebral vessels, weight of brain 46. Spinal cord normal, ¾.	Lower lobes of both lungs in 1st stage of pneumonia, bronchial lining membrane of both lungs red and injected, right lung 21, left lung 22, partially emphysematous in front; heart 11½, right auricle distended, and containing fibrous clots.	Stomach 3½, spleen 4½, liver 54, pancreas 3½, both kidneys enclosed in a very thick and firmly adherent tunica adiposa, cortical substance of both kidneys pale. Right kidney 5, left small and atrophied 3½, pelvis of left kidney distended with fluid; on surface of left kidney was a cyst, size of a hazel nut, containing clear fluid; left ureter distended and enlarged so as to admit the thumb, bladder hypertrophied 10, middle lobe of prostate greatly enlarged, renal

POST MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.						
Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	HEAD AND SPINE.
						THORAX.
Mar. 16 850. 7.30. a.m.	Decem. 29, 1858.	42, single.	Epilepsy combined with idiosyncy; good health.	Congenital.	Cerebral congestion, pneumonia, epilepsy.	Inner table of cranium at the anterior and upper part of left temporal fossa projected to the extent of half an inch. Cerebral veins and pia mater congested, most on left side. Brain firm 36½. Spinal cord soft 1.
Mar. 29. 944. 5.45. a.m.	March 13, 1860.	40, Widow er.	General paralysis, combined with dementia; 1st attack; bad health.	Duration unknown, a fall; disease of the nervous system,	Chronic arachnitis, softening of spinal cord; general paralysis, pneumonia.	Recent pleuritis at upper portion of right lung, apex covered with lymph; upper lobe in 2nd stage of pneumonia, grey hepatization; lower lobe congested, advancing towards 1st stage of pneumonia. Right lung 37½, left lung natural 15½; heart 9.
						Abdominal walls well covered with fat, omentum fatty, stomach 5, liver soft 43½, spleen soft 8, pancreas 3½, each kidney 4½, renal capsules distended with blood 1. Weight of body 102lbs. height 5-2.
						Stomach 6, liver 54, spleen soft 7, pancreas 2½, right kidney 6, left 6½, renal capsules 3, bladder much distended. Weight of body 132lbs., height 5-8.
						Lower two-thirds of right lung in 2nd stage of pneumonia, grey hepatization, easily broken down. Right lung 34½; lower lobe of left lung congested, 17. Heart considerably enlarged, 14.
						Arachnoid much thickened and opaque, great flaccidity of dura mater and anterior portion of cerebral hemispheres. Atrophy of brain substance, weight of brain 44½. Spinal cord appeared generally softened. 1.

OBITUARY, *continued*—MALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
May 1, 931. 9.15. a.m.	January 18, 1860.	30, Married.	Dementia, general paralysis; 1st attack; bad health.	26 weeks; failure in business.	Meningo - cerebritis, myelitis, general paralysis, pleurisy.	Flatness on the outer and anterior portion of right cerebral hemisphere, about one ounce of clear fluid escaped on dividing the membranes. arachnoid opaque. 3 inches of spinal cord very soft. Microscopically examined, and found to contain cells filled with granules.	Recent lymph on lower lobes of both lungs, most on left, and congestion of blood (first stage of pneumonia) in part of it. Right lung 20½, left 25, heart 11½.	Stomach 5½, liver 56, spleen soft 6, pancreas 3½, right kidney 4½, left 4, renal capsules ¾, intestines not examined, seemed natural, organs healthy. Weight of body 107lbs., height 5-7.
May 6, 956, 7, a. m.	April 7, 1860.	76, Married.	Severe fatuity; bad health.	13 months; fatuity.	Softening of the brain and spinal cord.	Dura mater firmly adherent to skull: left cerebral hemisphere flattened. Unusual quantity of fluid beneath the pia mater. The cut surface of the centrum ovale of Vicq D'Azyr had a cellular or "new bread appearance." Entire brain 52½. Spinal cord ¾ very soft.	Lungs emphysematous; right lung 15, left 11½, heart large, 13.	Stomach 5½, liver 49, spleen 2½, pancreas 3, right kidney 4½, left 4, renal capsules ¾, intestines not examined. Weight of body 107lbs., height 5-7.

OBITUARY, continued.—MALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST MORTEM APPEARANCES And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
May 17, 940, 1.30. p.m.	February 17, 1860.	24, Single.	Epilepsy combined with mania; bad health.	Congenital.	Epilepsy; congestion of blood in the brain and lungs.	Congestion of blood in the cerebral vessels. Cerebellum appeared softer than natural. Entire brain large 54 $\frac{3}{4}$. Spinal cord 1 $\frac{1}{4}$, softer than natural.	Congestion of blood in both lungs, a considerable quantity of dark blood flowed from the large vessels. Right lung 19, left 17, heart 11.	Stomach 6, liver 42 $\frac{1}{2}$, spleen 6 $\frac{3}{4}$, pancreas 3, right kidney 4 $\frac{3}{4}$, left large 7, renal capsules 3, intestines not examined. Weight of body 113lbs., height 5-8.
May 21, 961. 11, p m.	May 9, 1860.	32, Single.	Melancholia; 1st attack; bad health.	8 months; disease of the nervous centres.	General paralysis; myelitis, pharyngitis.	No post-mortem examination.		
June 9, 1, a. m. 921 and 734.	August 5, 1857.	65, Married.	General paralysis, 2nd attack; bad health.	34 months; intemperance.	Softening of the brain, chronic meningitis; enlarged heart	Arachnoid opaque. Four ounces of serum in ventricles and sulci. Skull seemed infiltrated with blood; dark specks as large as a split pea seen through the inner table; a rusty coloured deposit $\frac{1}{2}$ inch long by $\frac{1}{4}$ wide, remains of an old apoplectic clot in the right cerebral hemisphere. Entire brain 47 $\frac{3}{4}$.	Old pleuretic adhesions, the lower lobes of both lungs congested and œdematous, right lung 33 $\frac{1}{4}$, left 33, heart very much enlarged, filled with fibrin, 19 $\frac{1}{4}$.	Stomach 7, liver 44 $\frac{1}{4}$, spleen 6, pancreas 3 $\frac{1}{4}$, right kidney 3 $\frac{1}{2}$, left 3 $\frac{1}{4}$, renal capsules 1, abdominal organs natural, fingers of left hand contracted, paralysis several years. Weight of body 104lbs., height 5-4.

OBITUARY, continued.—MALES.

POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoidupois.									
Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	HEAD AND SPINE.	THORAX.	ABDOMEN.	
July 6, 3. a. m. 864.	March 11, 1859.	54 Married.	Mania, 1st attack; indifferent health.	19 months; disease of the brain.	Chronic arachnitis; myelitis and general paralysis.	The dura mater was adherent to the skull, there was opacity of the arachnoid, and some fluid in the ventricles; entire brain 45½. Spinal cord ¾.	Old pleuritic adhesions, lungs emphysematous, right lung 18, left 18½, heart 8½.	Stomach contained some fluid and a little fat, 5½, liver 43½, spleen 4½, pancreas 2½, right kidney contained a small cyst about the size of a marble 4½, left 5½; weight of body 76lbs., height 5-4.	
July 8, 9, p. m. 859.	February 7, 1859.	44 Married.	Mania, 1st attack; health bad.	29 months; injury to the head.	Meningitis; congestion of blood in the brain and pneumonia.	Dura mater more adherent than natural to skull, slight opacity of arachnoid, general congestion of blood in cerebral vessels, bloody specks on cut surface of brain; entire brain 51. Spinal cord ¾.	Right lung in the first stage of pneumonia, 27, left 21, heart 12.	Stomach 6½, liver 46, spleen 4½, pancreas 2½, right kidney 3½, left 4½, intestines not examined as they appeared healthy; weight of body 105lbs., height 5-8.	
July 31, 8, p. m. 973.	June 30, 1860.	41 Married.	Mania; 2nd attack; health indifferent.	7 weeks; no cause known.	Chronic arachnitis, pneumonia of right lung.	Dura mater firmly adherent to the skull. There was opacity of the arachnoid, and about two ounces of fluid escaped from the ventricles; entire brain 46½.	Pleuritic adhesion on right side only: right lung was in the first stage of pneumonia, 25½, left 12½, heart 9.	Stomach 4½, contained fluid, the remains of the previous meal; spleen 4½, turgescient, pancreas 2½, liver 42, right kidney 5, left 4½; weight of the body 112lbs., height 5-9.	

OBITUARY, continued.—MALLO.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoidupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Aug. 4. 5, a.m. 557.	May 9, 1855.	81 Widow er.	Fatuity; health good.	15 months.	Hydrothorax, en- larged heart, bronchitis, and gastritis.	The skull unusually ad- herent to the dura ma- ter which was torn in removing it. The brain watery, more fluid than natural beneath the arachnoid; entire brain 42½. Spinal marrow 1½ natural.	Right side filled with fluid, not less than half a gallon, lower lobe of lung compressed, lea- thy from pressure of the fluid; some shreds of recent lymph on lower lobe of right lung. Right lung 11½, left 16, filling left side of chest. Heart 13, en- larged cavities dilated. Aorta atheromatous.	Stomach 5, the lining membrane red and in- flamed, liver 40, spleen 1½, pancreas 3, right kidney 2½ small, left 4½. Weight of the body 119lbs., height 5-5.
Aug. 6. 6.30 p.m. 457.	October 27, 1853.	30 Single.	Mania; 2nd at- tack; health indifferent.	7½ years; intemper- ance.	Pulmonary ph- thisis and pericarditis.	The brain paler than na- tural; no other altera- tion observable; entire brain 42.	Old pleuritic adhesions, firmest on the left side, right lung 17, tubercles in upper lobe; left lung 41, upper lobe contain- ed tuberculous cavities. Heart 9½, the interior of the pericardium red, and coated with lymph.	Stomach 5½, liver 54½, spleen 5½, pancreas 3½, right kidney 2½ small, contained a serous cryst; left 7, renal capsules 3. Weight of the body 97lbs., height 5-6.

OBITUARY, continued.—MALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Sept. 10, 4, a. m. 804,	May 31, 1858.	47 Single.	Mania, 1st attack; health good.	27 months; disappointed affection.	Pulmonary phthisis, and general paralysis.	Dura mater adherent to skull; arachnoid thickened; cerebral ventricles distended with fluid, the veins injected with blood; the structure natural; entire brain 40½. Spinal cord 1½, softened.	Old pleuritic adhesions, the pleura thickened, cartilaginous or bony at one part on left lung, the upper lobe of right contained several tuberculous cavities; right lung 48½, left 29, contained tubercles. Heart 10½.	Stomach 4¼, liver large 72, spleen 14¼ friable, right kidney 6¾, left 6½, contained purulent matter, renal capsules ¾; intestines not examined. Weight of the body 107 lbs., height 5-10.
Sept. 30. 1.30, p. m. 559.	May 11, 1855.	32 Single.	Melancholia, 1st attack; health good.	12½ years; religion.	Pulmonary tubercles, pneumonia of right lung, and hydrothorax.	There was congestion of the cerebral veins; brain appeared firm; entire brain 51½. Spinal cord 1½, in some portions it appeared soft.	Recent pleuritic adhesions on right side only, a quantity of fluid in the chest, chiefly on the right side, right lung solid throughout, studied with numerous white miliary tubercles, and pneumonia in second stage. Grey hepatization, weight 74, left lung also contained tubercles not so numerous as the right, and chiefly in the lower lobe, weight 44; heart 10.	There was redness of the mucous membrane of the stomach and part of the duodenum; weight of stomach 6, liver 64, spleen 11¼, pancreas 3, right kidney 6½, left 5, renal capsules ¾, intestines not examined. Weight of the body 127 lbs., height 5-6; there was about half an ounce of subcutaneous fat.

OBITUARY, *continued*.—MALLEE.

POST MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.						
Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	HEAD AND SPINE. THORAX. ABDOMEN.
Oct. 4, 5.30 p.m. 745.	Septem. 22, 1857.	68 Married.	Mania; 1st attack; health bad.	37 months; injury to the head.	Peritonitis.	Cerebral veins congested with blood; on the outer side of the left cerebral hemisphere were two places, the largest the size of a crown piece, where the convolutions were of a rusty color, and the surrounding brain was indurated. Entire brain 47½. Cerebral veins congested with blood; on the outer side of the left cerebral hemisphere were two places, the largest the size of a crown piece, where the convolutions were of a rusty color, and the surrounding brain was indurated. Entire brain 47½. Cadaveric congestion of lungs, right lung 28, left 19, heart 12. A quantity of brown fluid in the abdomen; intestines matted together, and to the omentum, which was covered with recent lymph; stomach 7, liver 62, surface green from decomposition, spleen 6½, pancreas 4; right kidney 5½, left 6, renal capsules 1. Organs natural, stomach contained food (arrow-root) chyle vessels full 6½, liver 44, spleen 3, pancreas 2½, right kidney 3½, left 4½, renal capsules ½, the left capsule larger than the right. Much fluid in peritoneum, mucous membrane of stomach and duodenum red; weight of stomach 6½, liver 59, spleen 5½, pancreas 4, right kidney 4, left 4½. Weight of body 127lbs., height 5-5.
Oct. 11, 9 p.m. 965	May 26, 1860.	62 Married.	Mania; 1st attack; health indifferent.	6 months; intemperance.	Asthma; emphysema of the lungs; congestion of the right; enlarged heart; hypertrophy of brain	Old pleuritic adhesions on both sides, the lungs emphysematous, filled the chest, right lung 22½, left congested with blood and fluid of a light brown colour, 41, heart 13½, no valvular disease. Recent lymph on right pleura, the lungs emphysematous, right 25, left 22. Heart large, cavities dilated, 16 ounces.
Nov. 5, 6.30 a.m. 858.	February 1, 1859.	29½ single.	Monomania; 1st attack; health bad.	21 months; religious excitement	General dropsy; enlarged heart and granular kidneys; pleurisy right side.	Dura mater firmly adherent to the skull, right cerebral hemisphere 21½ left 22½; entire brain 50½. Blood effused in spinal canal, cord 1½.

OBITUARY, continued — MALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Novem. 5, 12 noon. 977.	July 20, 1860.	77 Married.	Dementia, 2nd attack; health good.	6 months; fatuity.	Chronic arachnitis, bronchitis.	The arachnoid opaque, thickened, more fluid than usual between the cerebral convolutions, and in the lateral ventricles, the right cerebral hemisphere 21½, left 21; entire brain 49¼. The spinal marrow softer than natural, 1½.	Cadaveric congestion of blood in the lower lobe of the right lung 18, left 15, redness and thickening of the bronchial lining membrane. Heart 12.	Liver large 63, the stomach 6, spleen 3½, pancreas 3½, right kidney 5, left 5½. Weight of body 122lbs., height 5-8.
Nov. 11, 1 a.m. 992.	October 27, 1860.	83 Married.	Fatuity; health bad.	19 months; old age.	Chronic meningitis; influenza.	Dura mater was torn in attempting to detach the skull cap, and was thickened, the lateral ventricles were distended with fluid, not less than one ounce escaped, the cerebral structure pale and firm, right hemisphere 21½, left 22; entire brain 49¾. The spinal marrow large 1½.	The lungs in an emphysematous state, redness of the bronchial lining membrane, which was covered with mucopurulent matter, about one pint of serum in the chest, right lung 25, left 15½. Heart large, 16.	Weight of the stomach 5½, liver 47, spleen 3½, pancreas 3, a large cyst on the surface of the right kidney 3½, left 6. Weight of the body 122lbs., height 5-6.

POST-MORTEM APPEARANCES,
And weight of the various Organs, in Ounces Avoirdupois.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	HEAD AND SPINE.		THORAX.	ABDOMEN.
Jan. 7, 7. a.m. 753.	February 11, 1858.	82, Widow.	Dementia, 1st attack; feeble health.	7 years; cause not known.	General decay; broncho-pneumonia.	Brain anemia, arachnoid opaque, about 1 oz. of clear fluid in ventricles, left cerebral hemisphere 1 oz. heavier than right, weight of brain 354. Spinal cord normal 1.	Old pleuritic adhesions at right apex, right lung 14, left lung 19½, lower lobe in first stage of pneumonia, bronchial lining membrane injected, muco purulent fluid in bronchial tubes, several small cretaceous masses in left lungs Heart 9, apparently normal.		
Jan. 14, 11-25, a.m. 889.	Novem. 25, 1859.	52, Married.	Mania, bad health.	3 months.	Chronic meningitis, diarrhea.	Skull unusually thick, especially posteriorly arachnoid opaque, about 1 oz. of clear fluid in ventricles, right cerebral hemisphere 1 oz. lighter than left, weight of brain 39½. Spinal cord soft and wasted in centre, 1.	Right lung 12½, left 11, heart 6½. Stomach 6½, spleen 4 pancreas 3, liver 39½, gall bladder contained two biliary concretions each weighing ½ oz., each kidney 3½, renal capsules ½, connected with right ovary was a cyst size of a pigeons egg containing clear fluid uterus 2, intestines normal, body 88 lbs., height 5-4.		

OBITUARY, continued—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Feb. 2, 6 a.m. 861.	June 17, 1859	51, single.	Melancholia, 1st attack; indif- ferent health.	26 months.	Chronic cerebri- tis, diarrhea,	Slight opacity of arach- noid, about $\frac{1}{2}$ oz. of clear fluid in ventricles, brain substance unus- ually firm and anaemic, right cerebral hemi- sphere atrophied, 2 oz. lighter than left, weight of the brain $39\frac{1}{2}$. Spinal cord small $\frac{1}{4}$.	Old and extensive pleu- ritic adhesions on right side, right lung 17, left 16; heart 7.	Stomach $6\frac{1}{2}$, liver 60, spleen $5\frac{1}{2}$, pancreas $3\frac{1}{2}$, each kidney 4, renal capsules $\frac{1}{2}$, uterus $2\frac{1}{2}$, each ovary contained a cyst size of a small hazel nut, containing fluid blood; lateral cur- vature of spine; gan- grenous ulcer on feet, bedsores. Weight of body 92lbs., height 5-2.
Feb. 8, 7, p.m. 136.	Novem. 15, 1848.	44, Single.	Epilepsy com- bined with mania; 1st attack; indi- ferent health.	22 years; cruelty of her para- mour.	Cerebral conges- tion, epilepsy, pneumonia.	Dura mater firmly adhe- rent to skull, cerebral veins congested, cere- bral substance firm and injected with blood, en- tire brain $47\frac{1}{4}$. Spinal cord $\frac{3}{4}$.	Lower lobes of both lungs in first stage of pneu- monia, right lung 24, left 20, heart normal $8\frac{1}{2}$.	Stomach 6, liver 45, spleen $4\frac{1}{2}$, pancreas 2, right kidney $4\frac{1}{4}$, left $3\frac{3}{4}$, renal capsules $\frac{1}{2}$, teterus $2\frac{1}{2}$, weight of body 99 lbs., height 5-5.

OBITUARY, continued.—FEMALES.

Date of Death.	Date of last Admission.	Age at Death Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Feb. 15, 7-30 p.m. 890.	Decem ^{br} 22, 1859.	49, Mar. ried.	Epilepsy; combined with mania; 1st attack, bad health.	50 months; cause not known.	Cerebral apoplexy, inflammation and gangrene of cerebellum.	Cerebral structure firm, several small elongated cavities varying from one-sixth to one fourth of an inch in length and 2 or 3 lines in breadth existed in the white substance on each side, in corpus striatum on right side, and inside the central white fibres was imbedded a clot of blood the size of a horse bean; at posterior portion of left cerebral hemisphere was a large clot of blood double or treble the size of that in corpus striatum, apparently of older date and having the rusty-colored deposit and induration of the surrounding structure; externally beneath arachnoid the structure was dark coloured gangrenous, cerebral arteries contained white specks, upper surface of cerebellum adherent by recent lymph to the tentorium and the structure on surface greenish with a fetid odour, right hemisphere 1 oz. lighter than left, entire brain 47½. Spinal cord ¾.	Old pleuritic adhesions on right side, lower lobe of right lung congested 18½, left 14. Heart large 12.	Stomach 7, liver 51, peritoneum over right lobe thickened, pancreas 3½, spleen 6, right kidney 5, left 5½, renal capsules ¾, uterus 2; bladder distended with urine, weight of body 69 lbs. body much emaciated. Height 5-5.

OBITUARY, continued.—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
March 4, 10.30 a.m. 522.	August 2, 1854.	41 Mar- ried.	Mania; 3rd at- tack; indif- ferent health.	7 years; cause not known.	Pulmonary ph- thisis enteritis; ulceration of intestines.	Brain structure unusually pale and firm, mem- branes apparently nor- mal, entire brain 45 $\frac{3}{4}$. Spinal cord normal, 1.	Old pleuritic adhesions at apices of both lungs, upper lobe of left lung loaded with tubercular deposit, it also contained several cavities the size of a walnut; left lung 24 $\frac{1}{2}$ apex of right lung also contained tubercles, but to a much less ex- tent than the left; right lung 17 $\frac{1}{2}$. Heart small and soft 6.	Four or five ulcerations in ileum and cœcum, several dark patches in ileum, some of which were nearly the whole circumference of the bowel, and in these patches were several perforating ulcers; in some situations there was lymph on periton- eal surface of intestines, cœcum thickened and ulcerated, mesenteric glands enlarged; sto- mach 5, liver 43, spleen 5, pancreas 2, right kid- ney 3 $\frac{1}{2}$, left 4 $\frac{3}{4}$, renal capsules $\frac{3}{4}$, body ema- ciated, bed-sores over sacrum and hips, left leg drawn up and con- tracted; weight of body 72 lbs., height 5ft.; frac- ture of head and epi- physes of left femur— purulent fluid about the hip joint, acetabu- lum hard & rough, caries.

OBITUARY, continued — FEMALE.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
March 26, 9 a.m. 904.	March 5, 1860.	48 Married.	Melancholia, 1st attack; indifferent health.	7 weeks; excited from chapel.	Tumour in cerebrum; apoplexy of medulla oblongata; bronchopneumonia.	Dura mater tight and stretched to an unusual degree, surface of brain dry, smooth, shining, unctuous, at outer and back part of left hemisphere the dura mater was adherent by a fleshy-colored process the thickness of a quill, beneath which was a tumour in cortical substance the size of a pigeon's egg; beneath and internal to this the medullary portion of back of hemisphere was soft and of a creamy colour, the septum and interior of left ventricle also softened, and contained nearly $\frac{1}{2}$ oz. of fluid, left hemisphere 2 oz. heavier than right, medulla and pons varolii softened and infiltrated with blood, weight of brain 45 $\frac{1}{2}$. Spinal cord natural l.	Right lung, posterior portion of middle lobe in first stage of pneumonia 21 $\frac{1}{4}$, left lung 14, bronchial lining membrane of left lung red and injected, the tubes containing muco purulent fluid. Heart 10 $\frac{1}{2}$. left ventricle thickened.	Stomach 7, liver 48, spleen soft 7, pancreas 3, right kidney 4 $\frac{1}{2}$, left 5, renal capsules $\frac{3}{4}$, two fibrous tumours, one large, size of an orange on each side of body of uterus, another small one almond shaped attached to front of body of uterus, a cyst containing 2 or 3 oz. of pus connected with the broad ligament on right side. Weight of body 105 lbs. height 5-6.

OBITUARY, continued.—FEMALES.

POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.						
Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	HEAD AND SPINE. THORAX. ABDOMEN.
April 16, 6-30, p.m. 890.	July 8, 1848.	41 Single.	Hysterical mania, 2nd attack; bad bodily health.	20 years; hereditary.	Pleuro-pneumonia emphysema, bronchitis, pulmonary tubercles.	<p>Intestines appeared normal, stomach $5\frac{3}{4}$, liver 51, spleen soft $6\frac{1}{4}$, pancreas $3\frac{1}{4}$, right kidney $4\frac{1}{2}$, left 4, renal capsules $\frac{1}{2}$, uterus $1\frac{1}{2}$. Weight of body 87 lbs., height 4-11.</p>
April 20, 3, a.m. 158.	April 2, 1849.	61 Single.	Monomania, 2d. attack; health feeble.	11 years; religion; hereditary.	Colitis, dysentery, softening of spinal cord; general paralysis.	<p>Pleuritic adhesions on both sides, apparently of oldest date on left side, right lung 35, lower lobe hepaticized and in second stage of pneumonia, surface coated with recent lymph, upper lobe emphysematous in front, left lung $13\frac{1}{4}$, upper lobe emphysematous in front, and containing several small white and firm tubercular masses, bronchial lining membrane of both lungs red and injected, frothy secretion in tubes. Heart flabby $10\frac{1}{4}$, cavities dilated containing coagula. Old pleuritic adhesions on left side principally, organs natural, right lung 13, left lung $13\frac{1}{4}$; heart natural 8.</p> <p>Stomach $4\frac{1}{2}$, liver 27, spleen $2\frac{3}{4}$, pancreas 2, each kidney $4\frac{1}{2}$, both pale, renal capsules $\frac{1}{2}$, colon much distended, red, and contained much feces; weight of body 88 lbs. Height 5-3.</p>

OBITUARY, continued.—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
April 22, 8, p.m. 842.	April 6, 1859.	41 Married.	Mania, 2nd attack; health indifferent.	14 months; intemperance.	Chronic arachnitis, general paralysis, softening of spinal cord.	Opacity and thickening of arachnoid, more fluid than natural in the cerebral ventricles, a rough appearance in the floor of the fourth ventricle, weight of brain 43½.	There was redness of the bronchial lining membrane, right lung 12½, left 17, congestion of blood in lower lobe; heart natural 7.	Stomach 6, liver 42, spleen 2, pancreas 2½, right kidney 4½, two cysts, each the size of an orange, filled with urine, left 3½, renal capsules ¾, uterus 2½; weight of the body 77, height 5-1.
May 7, 12, p.m. 528.	Septem. 30, 1854.	46 Married.	Mania, 1st attack; health good.	4 years; cause not known.	Chronic arachnitis and purpura.	Arachnoid was thickened, much fluid beneath it in the sulci, brain and spinal marrow soft, probably from the heat of the weather, entire brain 47. Spinal cord ¾.	There were no pleuritic adhesions, the structure of the lungs stained red, right lung 18½, left 14; heart 11.	Stomach 5½, liver 57, spleen 5½, pancreas 3½, right kidney 5½, left 4½, uterus 1½, renal capsules 1, there was exostosis of the head of the tibia. Weight of the body 132 lbs, height 5 feet.
May 26, 8, p.m. 915.	May 2, 1860.	35 Single.	Melancholia, 1st attack; health bad.	1 week; hereditary.	Pneumonia, tumours in the liver.	Brain large, filled the membranes, and projected beneath them when divided, bloody dots on the cut surfaces, entire brain 50½.	The back and lower part of the lobes of both lungs in the first stage of pneumonia right lung 23½, left 23½; heart 8½.	Stomach 7, distended partly with air and partly with food, liver 35, thickly studded with white tumours; spleen 17½, pancreas 3½, right kidney 5½, left 6, uterus 1½, renal capsules ¾. Weight of the body 92, height 4-11.

OBITUARY, continued.—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
May 27, 7-45, a.m. 119.	October 31, 1848.	52 Single.	Mania remittent, health good.	Duration unknown; cause unknown.	Pleurisy, pulmonary tubercles, scrofula.	Head narrow transversely, a considerable quantity of fluid in the cerebral ventricles, the brain natural, entire brain 42½. The spinal canal was not opened.	Old pleuritic adhesions at upper part of right side and anterior portion of left, about three pints of fluid in the pleura, and some also in the pericardium, right lung 30½, in second stage, grey hepatization, left 23½, thickly studded with tubercles; heart 11.	Stomach 6¾, liver 62, studded with white tumours largest size of a hazel nut, spleen 7½, pancreas 3½, right kidney 5¼, left 4½, uterus 1¾, bronchial and mesentric glands enlarged. Weight of the body 98lbs., height 5-2.
June 1, 1, p.m. 880.	October 22, 1859.	67 Married.	Melancholia, 1st attack; health indifferent.	10 months.	Psoas abscess; diarrhoea, small tumour in the brain, and fluid in the cerebral ventricles.	Lateral ventricles distended with clear fluid, close to the falx a small tumour the size of a pea, pia mater adherent, a similar tumour embedded in the grey substance of the right corpus striatum. Entire brain 46¾.	Slight old pleuritic adhesions at apex of the right lung, (a contraction—old cicatrix), carbonaceous deposit in lung, the lungs otherwise were natural, right lung 11, left lung 7½; heart 7, natural.	Stomach 4, contracted, liver 33, pancreas 2, spleen 1¾, right kidney 3¼, left 3½, renal capsules ¾, uterus 1, an abscess containing about ¾ of a pint of foetid fluid behind the right kidney and in the psoas muscle. Weight of body 72 lbs., emaciated, height 5-2.
June 10, 5-30 a.m. 58.	May 29, 1848.	48 Married.	Mania, 1st attack; health bad.	14 years. a fright.	Purpura, dysentery and epilepsy.	No post mortem examination.		

OBITUARY, continued.—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
June 20, 8 p.m. 43.	May 23, 1848.	67 Widow	Dementia, health feeble.	22½ years.	Asthma.	No post mortem examination.		
July 4, 8-15 p.m. 918.	May 23, 1860	22 Widow	Mania; 1st attack; health bad.	9 weeks; grief.	Pulmonary phthisis and tubercular peritonem.	The brain appeared to be natural, the left cerebral hemisphere was 1 oz. heavier than the opposite, entire brain 43. Spinal marrow $\frac{3}{4}$, the upper part was crushed in removal.	Old pleuritic adhesions especially on the right side, tuberculous cavities in apices of both lungs, right lung 28½, left 25. Heart 9½ natural, bronchial and mesenteric glands serofulous.	Peritoneal adhesions very firm to surface of liver, tubercular peritoneum, stomach 5½, liver 75, large, fatty, nutmeg, spleen 6½, pancreas 3½, right kidney 5½, left 6½. Weight of the body 100lbs., height 5-5.
July 13, 3-45 p.m. 819.	January 13, 1859.	50 Married.	Dementia, 2nd attack; health good.	3½ years; domestic trouble.	Ascites, cancerous tumours in liver, and atrophied left kidney.	The dura mater was adherent, there was cerebral softening, the septum lucidum was broken down, more fluid than natural in the ventricles and pia mater, entire brain 52. Spinal marrow 1, soft.	There were no pleuritic adhesions, redness of the lining membrane of the bronchial tubes, right lung 19, left 16½; heart small 6½.	Abdomen distended with fluid, stomach 5, liver 40½, studded with cancerous tumours, spleen small 1½, pancreas 2½, right kidney 3½, cyst in left, the structure of which was atrophied 2½, uterus 3, os uteri ulcerated cancerous. Weight of the body 109 lbs., height 5-4.

OBITUARY, *continued.*—FEMALES.

POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.						
Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental and Bodily condition on admission.	Duration and cause of Disorder.	Assigned Cause of Death.	HEAD AND SPINE.
						THORAX.
ABDOMEN.						
July 16, 4-20, a.m. 621.	March 15, 1856.	54 single.	Melancholia, 1st attack; health indifferent.	5 years; domestic affliction.	Phthisis pulmonalis, general tuberculosus.	<p>The brain rather soft, perhaps from the weather, weight 42. More fluid than natural in spinal canal, 1.</p> <p>Pleuritic adhesions on both sides, some fluid in the chest, right lung 27 tubercular, left 16½, the apex contained several tuberculous cavities. Heart small 5½, bronchial and cervical glands enlarged.</p> <p>Mesenteric glands enlarged, stomach 3½, liver 33, spleen 5½, more friable than natural, pancreas 2, right kidney 4, left 3½, uterus 1½. Intestines were not examined. Weight of the body 71 lbs., height 5 ft.</p>
Aug. 5. 7.30 a.m. 735.	Novmbr. 19, 1857.	27 Single.	Dementia, first attack; health good.	8 years, cause not known.	Pulmonary phthisis.	<p>There was congestion of the cerebral veins, the brain otherwise natural, entire brain 44. Spinal marrow 1½, natural.</p> <p>Firm pleuritic adhesions on each side, tubercles and tuberculous cavities in the upper lobes of each lung, right lung 25, left 26; heart small 5.</p> <p>Mesenteric glands enlarged, stomach 3½, liver 51, spleen 5½, pancreas 2½, each kidney 3½, renal capsules 3, uterus 1½. Weight of the body 65 lbs., height 5 feet.</p>

OBITUARY, continued—FEMALES.

Date of Death.	Date of last Admission.	Age at Death. Civil State.	Mental state and Bodily condition on admission.	Duration and cause of Disorder.	Assigned cause of Death.	POST-MORTEM APPEARANCES, And weight of the various Organs, in Ounces Avoirdupois.		
						HEAD AND SPINE.	THORAX.	ABDOMEN.
Sept. 6. 5-15 p.m. 260	July 17, 1850.	34 single.	Melancholia, 1st attack; health good.	10 years, no cause known.	Pulmonary ph- thisis.	The brain appeared firm, red specks on the cut surfaces of the hemi- spheres, veins not con- gested, entire brain 43½. Spinal marrow appear- ed firm 1½.	Pleuritic adhesions at the upper lobes on both sides, tuberculous cavi- ties in both upper lobes and tubercles in the up- per part of the lower lobes, most in the left lung, right lung 14, left 18½; heart unus- ually small 4½.	Peritoneum studded with tubercles and generally adherent to the convex surface of the liver and intestines which were also matted together, stomach 3½, liver 36, spleen large 7, pancreas 2½, right kidney 3, left 3½, both kidneys pale, renal capsules ½, uterus ¾. Weight of the body 66 lbs., height 5-1.
Oct. 13. 8.30 a.m. 796	August 13, 1858.	25 single.	Epilepsy, com- bined with mania; health indifferent.	7 years; hereditary.	Effusion of blood in spinal cord, softening of spinal marrow, tubercles in left lung; epi- lepsy.	Congestion of blood in the cerebral veins, the left cerebral hemisphere 1 oz. heavier than the right, entire brain 44½. Spinal cord filled with dark venous blood, membrane of spinal marrow red with blood. Spinal cord soft 1½.	Pleuritic adhesions of long standing on the left side only, earthy deposit and a few tu- bercles in the apex of the left lung, right lung natural 13½, left 12; heart 9¾.	Organs appeared to be na- tural, stomach 5, liver 52, spleen 4½, pancreas 2½, right kidney 4½, left 4, renal capsules ¾, uterus 1¾. Weight of the body 104 lbs., height 5-3.

ORDINARY DIETARY.

For Breakfast.

Coffee,* or broth,† $1\frac{1}{2}$ pints for males, 1 pint of coffee for the females; bread 8 oz. for the males, 7 oz. for females, and $\frac{1}{2}$ oz. of butter is allowed for each patient; those who have broth have no butter.

For Dinner.

On Mondays, Wednesdays, Thursdays, Fridays, and Saturdays, $\frac{1}{2}$ pound of uncooked meat, including bone, with one pound and a half of vegetables for the males, and one pound for the females; and a half pint of beer or cider is allowed for each patient. On Sundays, a pound of suet pudding or rhubarb pie. On Tuesdays one pint and a half of stew,‡ and 4 oz. of bread, and a half pint of cider or beer.

For Supper.

The same as for breakfast, substituting tea and milk for broth or coffee.

For Lunch.

The working patients have each, at 11 o'clock, 2 oz. of bread, and three-fourths of an ounce of cheese, and half a pint of beer, or cider, and the same allowance of beer or cider in the afternoon; about 16 ozs. of rag tobacco is distributed each day amongst the working male patients.

* The coffee is made by boiling 6 lbs. of ground coffee with 6 lbs. of sugar in 32 gallons of water for ten minutes, to which is added $2\frac{1}{4}$ gallons of new milk. The tea is made by substituting 2 lbs. of tea for 6 lbs of coffee.

† The broth is made from 32 gallons of the water in which the meat had been boiled the previous day, 8 gallons of milk, 10 lbs. of onions, 1 lb. of salt, 20 lbs. of flour, and 4 ounces of pepper.

‡ The stew is made by boiling the bones (which are pounded) for seven hours in 36 gallons of water, with the addition of five shins, and 16 lbs. of stickings of beef, 12 lbs. of rice, $\frac{3}{4}$ lbs. of pepper, $2\frac{1}{4}$ lbs. of salt 6 sticks of cellery, a bunch of sweet herbs, 3 pecks of onions, 10 or 15 white cabbages, and a few potatoes, or Jerusalem artichokes; occasionally 30 lbs. of flour is added.

This quantity is sufficient for 400 persons.

RATIONS FOR THE ATTENDANTS AND SERVANTS.
WEEKLY ALLOWANCE FOR EACH.

MALES.					FEMALES.				
Meat	...	...	...	7 lbs.	Meat	...	...	...	5 $\frac{1}{4}$ lbs.
Flour	...	...	...	1 "	Flour	...	...	...	1 "
Vegetables	...	...	...	14 "	Vegetables	...	...	...	10 $\frac{1}{2}$ "
Bread	...	...	...	7 "	Bread	...	...	...	7 "
Butter	...	...	...	$\frac{1}{2}$ "	Butter	...	...	...	$\frac{1}{2}$ "
Cheese	...	...	...	$\frac{1}{2}$ "	Cheese	...	...	...	$\frac{1}{2}$ "
Tea	...	...	...	3 oz.	Tea	...	...	...	3 oz.
Sugar	...	...	...	8 "	Sugar	...	...	...	8 "
Mustard	...	...	...	$\frac{1}{2}$ "	Mustard	...	...	...	$\frac{1}{4}$ "
Pepper	...	...	...	$\frac{1}{4}$ "	Pepper	...	...	...	$\frac{1}{4}$ "
Vinegar	...	...	...	$\frac{1}{4}$ pint	Vinegar	...	...	...	$\frac{1}{4}$ pint
Milk	...	...	...	3 $\frac{1}{2}$ "	Milk	...	...	...	3 $\frac{1}{2}$ "
Ale or Porter	...	...	...	14 "	Ale or Porter	...	...	...	10 $\frac{1}{2}$ "

RETURN OF MALE WORKING PATIENTS FOR THE YEAR 1860.

No. of Patients, and how employed.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Weeks.
ARTISANS.													
In Bakehouse & Brew- house	3	3	3	3	3	4	3	4	2	4	3	3	38
As Carpenters.....	6	6	6	6	5	5	5	6	5	6	5	5	66
At Furnaces	2	2	1	2	1	1	1	2	1	2	2	2	19
As Masons	10	10	9	10	10	10	8	7	10	8	7	8	107
As Painters & Glaziers	1	1	1	2	2	2	2	3	2	1	1	1	19
In Smith's Shop.....	1	2	2	2	1	2	2	2	2	2	2	1	21
As Shoemakers	4	4	4	4	4	4	4	4	5	5	5	5	52
As Tailors	3	4	3	3	2	2	2	3	3	3	3	5	34
Total..	30	32	29	32	28	30	27	31	30	31	28	28	356
LABOURERS.													
Assisting Attendants..	10	10	12	10	12	13	10	10	11	10	11	10	129
On Roadways.....	2	4	2	2	3	4	4	2	2	2	3	2	32
In removing Earth....	4	5	4	6	6	5	4	10	5	3	4	2	59
On Farm.....	18	16	12	12	16	13	10	12	14	10	18	12	168
In Foul Linen House	2	3	2	3	2	2	3	3	3	2	3	2	30
In Garden	12	10	10	10	12	12	10	12	12	12	11	12	135
In Kitchen	2	2	1	2	1	2	1	2	2	2	2	2	21
Lime Kiln	2	2	2	2	2	2	2	2	2	2	0	0	20
As Quarrymen	3	6	6	5	4	4	7	4	2	4	3	5	53
In Stone Shed.....	0	0	0	0	0	0	0	0	0	0	0	0	0
As Coir Pickers.....	2	1	1	3	2	3	4	2	3	1	2	2	26
In Store Room	1	1	1	1	1	1	1	1	1	1	1	1	12
Total..	58	60	53	56	61	61	56	60	58	49	58	50	680

List of work done by the Shoemakers in the Year 1860.

MADE.

	Pairs.		Pairs.
Women's Shoes	77½	Men's Shoes	58
Ditto Slippers	6	Ditto Slippers	110
Ditto Brown Slippers	125	Ditto Brown ditto	102
Ditto Leather Boots	89	Ditto Boots	100
Ditto Cloth ditto	108	Boy's ditto	3
Ditto Slippers	7	Ditto Slippers	2
Child's Shoes	3		
Total	415½	Total	375

REPAIRED.

Women's Boots soled	24	Men's Boots soled	19
Ditto ditto ½ ditto	3	Ditto Boots ditto	53
Ditto ditto repaired	99	Ditto ditto ½ ditto	32
Ditto ditto Cloth ditto	1	Ditto ditto repaired	112
Ditto Shoes ditto	61	Ditto Slippers ditto	163
Ditto Slippers ditto	165	Boy's Boots ditto	2
Total	353	Total	386

Leather for Pipes 2s. 6d.

Leather for Pump 3s.

Work done by Tailors.

MAKING.

Making Coats	10
Ditto Waiscoats	9
Ditto Trowsers	7
Ditto Braces (pairs)	80
Ditto Cloth Caps	2
Ditto Stretchers	21

REPAIRING.

Repairing Jackets	179
Ditto Waiscoats	141
Ditto Trowsers (pairs)	342
Ditto Stretchers	29

LIST OF NEEDLEWORK DONE BY FEMALE PATIENTS IN 1860.

Aprons	97	Pillowslips	406
Bed Ticks	95	Shrouds	36
Blinds	4	Stays	2
Bonnets	6	Strong Rugs	2
Bolster Cases	10	Serge Dresses,	70
Blankets	30	Sheets	236
Caps	80	Starch	336
Chemises	263	Strong Dresses,	22
Check Dresses,	124	Shirts repaired	3400
Children's Clothes (suits)	4	Stockings, grafted (pairs)	190
Drawers, (pairs)	30	Ditto knitted, (pairs)	43
Dusters	24	Towels	73
Men's Ties	403	Counterpanes, repaired	60
Neckerchiefs Women's	100	Flannel Shirts	18
Pinafores	53	Flannel vests	7
Petticoats,	69	Strong Dresses, for men	3

THE CONSUMPTION OF PROVISIONS AND NECESSARIES

And collective number of days of Patients, Officers, & Attendants,
Between the 1st day of January and the 31st day of December, 1860.

ARTICLES.					QUANTITY.	
Bread	..	..	..	..	161,381	lbs.
Flour for Puddings, &c.	..	..	..	..	14,700	"
Beef ..	..	..	..	..	47,240	"
Mutton	..	..	..	..	13,125	"
Pork and Bacon	..	..	..	..	7,617	"
Cheese	..	..	..	..	6,287	"
Butter	..	..	..	..	7,486½	"
Cream	..	..	..	..	321	pints
Milk ..	..	..	..	..	6,726	gallons
Tea ..	..	..	..	..	1,270½	lbs.
Coffee	..	..	..	..	1,031	"
Sugar	..	..	..	..	4,101	"
Ditto (Lump)	..	..	..	..	256	"
Rice ..	..	..	..	..	5,788	"
Pepper	..	..	..	..	176	"
Salt ..	..	..	..	..	5,586	"
Raisins	..	..	..	..	343	"
Currants	..	..	..	..	56	"
Treacle	..	..	..	..	514¾	"
Buns (Good Friday)	..	..	..	..	500	"
Peas	..	..	..	..	76	bushls.
Tobacco	..	..	..	..	379	lbs.
Snuff	..	..	..	..	36	"
Cider ..	..	..	..	..	16,106	gallons, 4 pints
Fish ..	..	..	..	..	3,109	lbs.
VEGETABLES.						
Potatoes	..	..	..	..	2,430½	pecks
Parsnips	..	..	..	..	947	"
Carrots	..	..	..	..	773	"
Turnips	..	..	..	..	655	"
Onions	..	..	..	..	418	"
Cabbages	..	..	..	..	14,010	Nos.
Brocoli	..	..	..	..	1,220	"
Artichokes	..	..	..	..	39	Pecks
Beans (Broad) ..	..	..	..	..	809	"
Peas (Green) ..	..	..	..	..	137	"
NECESSARIES.						
Candles (Dips)	..	..	..	..	301	lbs.
Ditto (Moulds)	..	..	..	..	280	"
Soap ..	..	..	..	..	4,324	"
Ditto (Soft)	..	..	..	..	3,237	"
Soda ..	..	..	..	..	3,055	"
Starch	..	..	..	..	442	"
Blue ..	..	..	..	..	80	"
Coals (Hard)	..	..	..	..	746	tons 13 cwt.
Ditto (Small)	..	..	..	..	54	" 15 "
Coke ..	..	..	..	..	81	" 5 "
Gas Coal	..	..	..	..	38	" 19 "
N.B. The valuation of Rhubarb, Herbs, Greens, New Potatoes, Salad, Kidney Beans, and Fruit, £56 2s. 0d.						
Collective No. of days of Patients					148,497	
" " Officers and Attendants					13,104	
Total					161,571	

CONTRACT PRICES

For the Year ending December 31st, 1860.

ARTICLES.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Beef, at per stone of 14lbs.	0 5 3	0 5 10	0 7 0	0 5 10
Mutton, „	0 5 3	0 5 10	0 7 7	0 5 10
Flour, at per Sack of 280lbs.	1 12 0	0 0 0	2 2 6	2 3 0
Ditto (one-way)	1 10 0	0 0 0	2 1 0	2 1 0
Butter, „ lb.	4 18 0	5 12 0	0 0 0	0 0 0
Sugar, cwt.	1 17 0	1 16 0	1 17 0	1 17 6
Ditto, Lump, lb.	0 0 6	0 0 6	0 0 6	0 0 5 $\frac{3}{4}$
Tea, Black, „	0 2 9	0 2 11	0 3 3	0 3 1
Coffee, „	0 1 0	0 1 0 $\frac{1}{2}$	0 1 2	0 1 2
Pepper, „	0 0 11 $\frac{1}{2}$	0 1 0	0 1 0	0 1 0
Tobacco, „	0 3 3 $\frac{1}{2}$	0 3 3	0 3 0	0 3 2
Soap, cwt.	1 5 0	1 5 6	1 3 0	1 3 0
Ditto, (Soft) lb. „	0 0 3 $\frac{1}{4}$	0 0 3 $\frac{1}{4}$	0 0 3 $\frac{1}{4}$	0 0 3
Soda, cwt. „	0 6 9	0 6 6	0 6 8	0 6 6
Starch, lbs.	0 0 4	0 0 4	0 0 4	0 0 4
Blue, „	0 0 10	0 0 10	0 0 10	0 0 10
Rice per cwt.	0 15 0	0 12 9	0 13 6	0 15 6
Candles, per dozen lbs.	0 6 11	0 6 10	0 6 7	0 6 7
Oatmeal, per cwt.	0 19 0	0 18 0	0 19 0	0 19 0
Salt, per cwt.	0 1 10	0 1 10	0 1 11	0 1 11
Coals, Hard, at per ton	0 14 6	0 14 0	0 14 6	0 14 6
Ditto, Small „	0 8 0	0 8 0	0 8 0	0 8 0
Coke, per ton	0 14 0	0 14 0	0 14 0	0 14 0
Cider, at per hogshead	1 10 0	1 12 0	1 8 0	1 8 0

A STATEMENT OF THE FARM AND

<i>Dr.</i>		£	s.	d.	£	s.	d.
To Valuation of Stock, &c.							
as per year ending 1859,							
viz. :—							
Live Stock	330	2	0				
Dead do.	119	10	0				
Vegetables and Roots..	324	0	0				
					773	12	0
To Cash paid for Live Stock							
Corn, Hay, Seed, Straw,							
and sundry expences ..							
Shoeing and cattle medi-							
cines.....	2	10	6				
Tools.....	32	5	8				
Manure and horse hire	16	12	6				
Tithes, Rent charge, &							
Poor Rates	30	4	11				
Land rented, 12 acres,							
£36 0 0							
Less Income Tax 1 2 6							
				34	17	6	
Wages :—							
Bailiff, Carter, Gardener,							
and Farm yard man ..							
	100	0	0				
					608	13	9
To Valuation of 35 acres of							
Land, together with a							
Lodge and Cottage....							
					100	0	0
To Pigs' Wash supplied							
from the Kitchen							
	10	4	0				
Tobacco and Cider ditto house.	17	12	7				
					27	16	7
In favor of Farm including the labour							
of patients							
					15	0	5
					£1525	2	9

GARDEN PRODUCE FOR THE YEAR 1860.

Contra.

	£	s.	d.	£	s.	d.
By Farm produce.....	405	12	5			
Garden ditto	350	14	4			
	<hr/>			756	6	9
By Cash received :—						
Hide & Tallow.....	4	0	0			
Stock (<i>live</i>)	62	17	0			
Seed potatoes	2	0	6			
Sundries	2	7	6			
	<hr/>			71	5	0
By Valuation of work not connected with the Farm done by the horses				66	12	0
Present Stock, viz. :—						
Live Stock	256	5	0			
Dead ditto	134	10	0			
Vegetables and roots..	240	4	0			
	<hr/>			630	19	0

£1525 2 9

*Average weekly cost for Maintenance, Medicine, and care of Patients during
the Year 1860.*

	£	s.	d.	fractions
Provisions	0	4	4	3-16ths.
Clothing	0	0	8	5-16ths.
Salaries and Wages	0	1	4	5-16ths.
Necessaries (e.g.) fuel, light, washing, &c.	0	0	9	
Surgery and dispensary, wine, spirits, & } porter	0	0	2	6-16ths.
Charged to the { Furniture and Bedding	0	1	0	1-16ths.
Maintenance { Garden and Farm	0	0	6	4-16ths.
Account. { Miscellaneous; viz.: Periodicals, binding, stationary, receipt and postage stamps, fire insurance, &c.....	0	0	1	14-16ths.
	0	9	0 $\frac{1}{4}$	2-16ths.
Less receipts from Farm Produce	7 $\frac{3}{4}$			
Ditto ditto ditto miscellaneous not con- nected with the Farm	0	0	8	
Total average weekly cost per head.....	0	8	4 $\frac{1}{4}$	2-16ths.

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Weekly average number of Patients resident .... 406

|                                                                                        | £ | s. | d.              | £ | s. | d.    |
|----------------------------------------------------------------------------------------|---|----|-----------------|---|----|-------|
| Weekly charge for Paupers from Counties }<br>or Boroughs to which the Asylum belongs } | 0 | 7  | 7               |   |    |       |
| Ditto ditto from other Counties & Boroughs.                                            | 0 | 10 | 9 $\frac{1}{2}$ | & | 0  | 12 10 |



*A Statement Shewing the sums received from Unions for the care, maintenance, &c., of Patients for the Year 1860.*

| UNIONS.                | No. of days at 1s. 1d. per day | Amount.   | Funerals. | Fetching and Re-moving. | Clothing. | TOTALS.   |
|------------------------|--------------------------------|-----------|-----------|-------------------------|-----------|-----------|
|                        |                                | £ s. d.   | £ s. d.   | £ s. d.                 |           | £ s. d.   |
| Axminster .....        | 92                             | 4 19 8    |           |                         |           | 4 19 8    |
| Axbridge .....         | 12386                          | 670 18 2  | 1 10 0    | 4 16 0                  |           | 677 4 2   |
| Bath .....             | 9365                           | 507 5 5   | 3 0 0     |                         |           | 510 5 5   |
| Bedminster .....       | 732                            | 39 13 0   |           |                         |           | 39 13 0   |
| Bedminster .....       | 8910                           | 482 12 6  | 4 10 0    |                         |           | 487 2 6   |
| Bridgwater .....       | 9851                           | 533 11 11 | 9 0 0     |                         |           | 542 11 11 |
| Cardiff .....          | 10993                          | 595 9 1   | 3 0 0     | 0 12 0                  |           | 599 1 1   |
| Chard .....            | 8845                           | 479 2 1   | 3 0 0     |                         |           | 482 2 1   |
| Cowbridge & Bridgend   | 366                            | 19 16 6   |           |                         |           | 19 16 6   |
| Clutton .....          | 8801                           | 476 14 5  | 3 0 0     |                         |           | 479 14 5  |
| Clifton, Bristol.....  | 366                            | 19 16 6   |           |                         |           | 19 16 6   |
| Dulverton .....        | 1698                           | 91 19 6   |           |                         |           | 91 19 6   |
| Exmore (extra Parocl.) | 14                             | 0 15 2    | 1 10 0    |                         |           | 2 5 2     |
| Frome .....            | 9570                           | 518 7 6   | 3 0 0     |                         |           | 521 7 6   |
| Falconer .....         | 430                            | 23 5 10   |           |                         |           | 23 5 10   |
| Keynsham .....         | 1395                           | 75 11 3   |           |                         |           | 75 11 3   |
| Langport .....         | 5115                           | 277 1 3   | 3 0 0     |                         |           | 280 1 3   |
| Meare .....            | 796                            | 43 2 4    | 1 10 0    |                         |           | 44 12 4   |
| Merthyr Tydfel.....    | 366                            | 19 16 6   |           |                         |           | 19 16 6   |
| Shepton Mallet.....    | 6880                           | 372 13 4  | 6 0 0     |                         |           | 378 13 4  |
| Sherborne, Dorset ..   | 526                            | 28 9 10   |           |                         |           | 28 9 10   |
| Taunton.....           | 11848                          | 641 15 4  | 2 11 0    | 8 3 3                   |           | 652 9 7   |
| Wellington .....       | 11127                          | 602 14 3  | 7 10 0    |                         |           | 610 4 3   |
| Wells .....            | 8234                           | 446 0 2   | 2 11 0    | 1 1 0                   |           | 449 12 2  |
| Williton .....         | 6581                           | 356 9 5   | 4 10 0    | 0 7 1                   |           | 361 6 6   |
| Wincanton .....        | 4857                           | 263 1 9   | 0 10 6    | 2 12 0                  |           | 266 4 3   |
| Yeovil .....           | 5816                           | 315 0 8   | 4 10 0    |                         |           | 319 10 8  |
| Co. Somerset .....     | 1328                           | 71 18 8   |           |                         |           | 71 18 8   |
| Co. Middlesex .....    | 366                            | 19 16 6   |           |                         |           | 19 16 6   |
| Co. Glamorgan.....     | 732                            | 39 13 0   |           |                         |           | 39 13 0   |
| Irish Edward .....     | 77                             | 4 3 5     |           |                         |           | 4 3 5     |
| City of Bristol .....  | 34                             | 1 16 10   |           |                         |           | 1 16 10   |
| Total .....            | 148497                         | 8043 11 9 | 64 2 6    | 17 11 4                 |           | 8125 5 7  |

Excess charge for Patients from Boroughs and Counties not contributing to the original cost of building the Asylum, and placed to the credit of the building account, vide page 76.

|                                |                 |                            |                  |
|--------------------------------|-----------------|----------------------------|------------------|
| 1 Axbridge .. .. .             | 26 0 6          | Amount Brought forward     | 727 13 6         |
| 2 Axminster .. .. .            | 3 9 0           | 11 Merthyr Tydfel .. .. .  | 13 14 6          |
| 3 Bath Borough .. .. .         | 156 18 2½       | 12 Wells .. .. .           | 9 13 6           |
| 4 Bedminster .. .. .           | 13 14 6         | 13 Williton .. .. .        | 13 14 6          |
| 5 Bridgwater .. .. .           | 71 7 6½         | 14 Wincanton .. .. .       | 1 0 3            |
| 6 Cardiff .. .. .              | 412 4 9         | 15 Yeovil .. .. .          | 1 1 0            |
| 7 Cowbridge & Bridgend .. .. . | 13 14 6         | 16 Co. Middlesex .. .. .   | 10 5 4           |
| 8 Clutton .. .. .              | 0 7 6           | 17 Co. Glamorgan .. .. .   | 27 9 0           |
| 9 Clifton, Bristol .. .. .     | 13 14 6         | 18 Irish Edward .. .. .    | 2 17 9           |
| 10 Falconer .. .. .            | 16 2 6          | 19 City of Bristol .. .. . | 1 5 6            |
|                                | <u>727 13 6</u> |                            | <u>808 14 10</u> |

N.B.—The excess No. of days is incorporated in the above Table of 1s. 1d. per day.



# BUILDING ACCOUNT:

*A Statement of the Receipts and Payments from January 1st., to the 31st December, 1860.*

| RECEIPTS.                                                                                  | £ s. d.   | PAYMENTS.                          | £ s. d.    |
|--------------------------------------------------------------------------------------------|-----------|------------------------------------|------------|
| By Balance brought on from end of year 1859, vide                                          |           | To Amount paid for Materials ..... | £1266 6 11 |
| page 71 of the Twelfth Report .....                                                        | 489 8 9   | Ditto Architect's Commission ..... | 102 10 0   |
| By amount received from the Insurance Offices....                                          | 251 5 6   | Ditto Wages .....                  | 436 8 4    |
| By excess charge received for patients from Boroughs, and Counties not contributing to the |           |                                    |            |
| original cost of building the Asylum .....                                                 | 808 14 10 |                                    |            |
| To Balance .....                                                                           | 255 16 2  |                                    |            |
|                                                                                            | £1805 5 3 |                                    | £1805 5 3  |



## BALANCE SHEET

OR GENERAL STATEMENT OF RECEIPTS AND PAYMENTS OF THE SOMERSET COUNTY LUNATIC ASYLUM,  
BALANCE SHEET  
1878-79, December 1880

*Between the 1st of January and the 31st December, 1860.*

77

| RECEIPTS.                                        |      |    |                 | PAYMENTS.                                       |        |    |                 |
|--------------------------------------------------|------|----|-----------------|-------------------------------------------------|--------|----|-----------------|
|                                                  | £    | s. | d.              |                                                 | £      | s. | d.              |
| To Balance, Treasurer .....                      | 887  | 6  | 11              | By paid for Salaries and Wages as per Ledger .. | 1484   | 16 | 11              |
| Clerk and Steward .....                          | 9    | 17 | 9 $\frac{3}{4}$ | Provisions .....                                | 4588   | 14 | 0 $\frac{1}{2}$ |
| Bailiff .....                                    | 3    | 12 | 3 $\frac{1}{2}$ | Necessaries .....                               | 780    | 14 | 0               |
|                                                  |      |    |                 | Surgery and Dispensary..                        | 120    | 6  | 2               |
|                                                  |      |    |                 | Wine, Porter, & Arrow root                      | 145    | 18 | 1               |
| To Valuation of Stores in hand on 31st           |      |    |                 | Repairs, furnishing and                         |        |    |                 |
| December, 1859, viz.:—                           |      |    |                 | bedding .....                                   | 1100   | 2  | 1 $\frac{1}{2}$ |
| Provisions .....                                 | 174  | 9  | 2 $\frac{1}{2}$ | do.                                             | 1059   | 0  | 0               |
| Necessaries .....                                | 74   | 13 | 1 $\frac{1}{4}$ | do.                                             |        |    |                 |
|                                                  |      |    |                 | Clothing & leather for shoes                    |        |    |                 |
| Clothing Material .....                          | 175  | 7  | 3               | Printing, Stationery, Peri-                     |        |    |                 |
| Bedding ditto .....                              | 46   | 11 | 9               | odicals, Receipt & Post-                        |        |    |                 |
|                                                  |      |    |                 | age Stamps .....                                | 92     | 8  | 9               |
| Received from Unions on account of               |      |    |                 | do.                                             | 608    | 13 | 9               |
| pauper patients .....                            | 8024 | 9  | 4               | do.                                             |        |    |                 |
| Arrears due .....                                | 19   | 2  | 5               | do.                                             | 64     | 2  | 6               |
|                                                  |      |    |                 | do.                                             | 17     | 11 | 4               |
|                                                  |      |    |                 | do.                                             | 10     | 19 | 6               |
| Received for funerals .....                      |      |    |                 | do.                                             | 76     | 13 | 7 $\frac{1}{2}$ |
| Ditto for removals .....                         |      |    |                 | do.                                             |        |    |                 |
| Ditto from Garden and Farm for the Establishment |      |    |                 | By Provisions in store....                      | 110    | 14 | 6 $\frac{1}{2}$ |
| Miscellaneous Receipts from Farm .....           |      |    |                 | Necessaries .....                               | 3      | 5  | 0               |
| Balance due to Treasurer .....                   |      |    |                 |                                                 | 113    | 19 | 6 $\frac{1}{2}$ |
|                                                  |      |    |                 |                                                 |        |    |                 |
|                                                  |      |    |                 | Balance due from Build-                         |        |    |                 |
|                                                  |      |    |                 | ing Account .....                               | 255    | 16 | 2               |
|                                                  |      |    |                 | Clerk & Steward .....                           | 0      | 15 | 5               |
|                                                  |      |    |                 | Bailiff .....                                   | 3      | 2  | 8               |
|                                                  |      |    |                 |                                                 | 259    | 14 | 3               |
|                                                  |      |    |                 |                                                 |        |    |                 |
|                                                  |      |    |                 |                                                 | £10523 | 14 | 7               |

JAMES C. SOMERVILLE, } *Visiting Justices*  
R. B. COLES. } *and Auditors.*

£10523 14 7

GEO. WM. GUNN, Clerk and Steward.

For actual Financial Statement on the 31st December, 1860, see page 78.



## STATEMENT OF THE FINANCIAL AFFAIRS OF THE INSTITUTION ON 1st JANUARY, 1861.

| 1861.                                   | £ s. d.  | £ s. d.   | 1861.                                          | £ s. d.   |
|-----------------------------------------|----------|-----------|------------------------------------------------|-----------|
| Balance due from Building Account ..... | 255 16 2 |           | Amount due this day to Tradesmen on account of |           |
| " Clerk.....                            | 0 15 5   |           | Patients.....                                  | 2827 1 0  |
| " Bailiff .....                         | 3 2 8    |           |                                                |           |
|                                         | ---      | 259 14 3  |                                                |           |
| Due from Unions and Parishes this day   |          |           |                                                |           |
| for maintenance .....                   |          | 2368 7 10 |                                                |           |
|                                         |          | ---       |                                                |           |
|                                         |          | 2628 2 1  |                                                |           |
| Balance due to the Treasurer.....       |          | 198 18 11 |                                                |           |
|                                         |          | ---       |                                                |           |
|                                         |          | £2827 1 0 |                                                | £2827 1 0 |