

## **Ninth annual reports for 1867 / Sussex County Lunatic Asylum, Haywards Heath.**

### **Contributors**

Sussex County Lunatic Asylum (Haywards Heath, England)

Jones, H.

Robertson, C. L.

Mortlock, S. A.

Hawkins, Henry.

Smith Bigg, Edward.

Norman, John Manship.

Lutwidge, R. W. S.

Nairne, W. G.

### **Publication/Creation**

Lewes : printed by Geo. P. Bacon, 1868.

### **Persistent URL**

<https://wellcomecollection.org/works/nr55543a>

### **License and attribution**

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

5  
SUSSEX

COUNTY LUNATIC ASYLUM,

HAYWARD'S HEATH.



NINTH ANNUAL REPORTS

FOR 1867.

LEWES:  
PRINTED BY GEO. P. BACON, HIGH STREET.

—  
1868.

## CONTENTS.

---

	PAGE
LIST OF THE COMMITTEE OF VISITORS AND OF THE OFFICERS OF THE ASYLUM .....	3
NINTH ANNUAL REPORT OF THE COMMITTEE OF VISITORS (WITH BALANCE SHEET, &c.) .....	5
FARM BALANCE SHEET FOR 1867 .....	9
THE MEDICAL SUPERINTENDENT'S NINTH ANNUAL REPORT .....	11
THE CHAPLAIN'S NINTH ANNUAL REPORT .....	23
THE REPORT OF THE COMMISSIONERS IN LUNACY .....	27
APPENDIX TO THE MEDICAL SUPERINTENDENT'S NINTH ANNUAL REPORT, CONTAINING TABLES ILLUSTRATING THE MEDICAL, DOMESTIC, AND FINANCIAL HISTORY OF THE YEAR 1867 .....	31



# COMMITTEE OF VISITORS AND OFFICERS.

1868.

## EASTERN DIVISION.

1. The Lord West, 18, Pall Mall, London.
2. Borrer, Cary Hampton, Esq., Hurstpierpoint.
3. Burrell, Walter Wyndham, Esq., Cuckfield.
4. Carpenter, Charles, Esq., Brighton.
5. Crake, Vandeleur Benjamin, Esq., Hastings.
6. Darby, George, Esq., Markly, Hurstgreen.
7. Day, John, Esq., Uckfield House.
8. \*†Godlee, Burwood, Esq., Lewes.
9. Hankey, John Alexander, Esq., Balcombe Place, Cuckfield.
10. Laurie, Peter Northall, Esq., Pax Hill, Lindfield.
11. \*††Norman, John Manship, Esq., Dencombe, Crawley.
12. †Rose-Holden, Colonel John Rose, The Ferns, Wivelsfield.
13. \*††Sclater, James Henry, Esq., Newick Park, Uckfield.
14. \*††Sergison, Warden, Esq., Cuckfield Park.

## WESTERN DIVISION.

1. Aldridge, Major John, St. Leonards, Horsham.
2. \*††Bigg, Edward Smith, Esq., The Hyde, Crawley, *Chairman*.
3. Borrer, William, Esq., Cowfold, Horsham.
4. Cobbett, John Morgan, Esq., Edenbridge, Kent.
5. ††Dickins, Charles Spencer Scrase, Esq., Coolhurst, Horsham.
6. Goring, Revd. John, Wiston Park, Steyning.
7. Hoper, Richard, Esq., Cowfold, Horsham.
8. Johnson, John James, Esq., Chichester.

## BRIGHTON BOROUGH.

1. Burrows, John Cordy, Esq., Brighton.
2. \*†Hollis, William Mellet, Esq., 7, St. George's Place, Brighton.

## OFFICERS.

*Medical Superintendent*.—C. L. Robertson, Esq., M.D.  
*Assistant Medical Officer*.—S. W. D. Williams, Esq., M.D.  
*Chaplain*.—Revd. Thomas Edw. Crallan, M.A.  
*Treasurer*.—George Whitfield, Esq., Lewes.  
*Clerk and Steward*.—Mr. S. A. Mortlock.  
*Housekeeper*.—Mrs. Stroud.  
*Head Attendants*.—Mr. W. R. Knox (Male Department).  
Miss Buckle (Female Department).

H. JONES,

January, 1868.

*Clerk to the Visitors, Lewes.*

\*Member of the House Committee.  
†Member of the Finance Committee.  
‡Member of the Farm Committee.



SUSSEX COUNTY LUNATIC ASYLUM  
HAYWARDS HEATH

NINTH ANNUAL REPORT OF THE  
COMMITTEE OF VISITORS, 1867.

Her Majesty's Justices of the Peace for the County of  
Sussex, assembled in Quarter Sessions, held at Exeter,  
in and for the Eastern Division of the said County, on  
Monday, the thirtieth day of December, 1867; and at  
Petworth, in and for the Western Division of the said  
County, on Thursday, the second day of January, 1868.

COMMITTEE OF VISITORS OF THE SUSSEX  
COUNTY LUNATIC ASYLUM appointed at the  
Exchanging Sessions, 1867, REPORT:—

At all the new works and improvements at the Asylum  
have been completed for some months, and are now occupied  
the Patients. They have been well and satisfactorily  
attended; the works have all been paid for and have been  
completed within the amounts contemplated.  
The improvement to the Asylum is very great, as well in  
increased accommodation afforded in numbers, the in-  
creased comfort of the patients before accommodated, and  
economical working of the establishment. Although the  
cost of provisions and articles of consumption has been very  
high, the Visitors have hitherto been able to keep the sum

Satisfactory Com-  
pletion of New  
Buildings.

# SUSSEX COUNTY LUNATIC ASYLUM, HAYWARDS HEATH.

---

## NINTH ANNUAL REPORT OF THE COMMITTEE OF VISITORS, 1867.

---

*To Her Majesty's Justices of the Peace for the County of Sussex, assembled in Quarter Sessions, held at Lewes, in and for the Eastern Division of the said County, on Monday, the thirtieth day of December, 1867; and at Petworth, in and for the Western Division of the said County, on Thursday, the second day of January, 1868.*

*The COMMITTEE OF VISITORS OF THE SUSSEX COUNTY LUNATIC ASYLUM appointed at the Epiphany Sessions, 1867, REPORT:—*

THAT all the new works and improvements at the Asylum have been completed for some months, and are now occupied by the Patients. They have been well and satisfactorily constructed; the works have all been paid for, and have been completed within the amounts contemplated.

Satisfactory Completion of New Buildings.

The improvement to the Asylum is very great, as well in the increased accommodation afforded in numbers, the increased comfort of the patients before accommodated, and the economical working of the establishment. Although the cost of provisions and articles of consumption has been very high, the Visitors have hitherto been able to keep the sum



charged for the maintenance of the patients at the same amount as before.

Continued increase of the Asylum population.

The numbers in the house still continue to increase. They are now 252 Males and 315 Females, being an addition of 12 Males and 12 Females since this time last year.

Purchase of two small plots of ground.

The purchases of the small plots of ground in front of the Asylum, mentioned in the Visitors' Report last year, have been completed, and the land has been conveyed to the Trustees for the County.

Resignation of the Chaplaincy by the Rev. H. Hawkins.

The Visitors regret that they have lost the services of the Rev. H. Hawkins, who has been the Chaplain of the Asylum from its first occupation. He has resigned on his being appointed Chaplain to the Asylum for the County of Middlesex, at Colney Hatch. The Visitors have secured the

Appointment of the Rev. T. E. Crallan.

services of the Rev. Thomas Edward Crallan, formerly curate of the parish of Newick, in this county, who has been appointed Chaplain, and has entered on his duties. The Visitors have learned with satisfaction that he appears to have made a very favourable impression, and has been received with great kindness by his congregation.

General condition of the Asylum.

The general condition of the Asylum is very good, the patients generally in good health, quiet, and orderly, and the Committee refer to the Report of DR. ROBERTSON, the Superintendent, which accompanies this Report, for the details. In addition, the Visitors have great pleasure in stating that the conduct of all the officers in the establishment deserves most favourable notice.

(Signed) EDWD. SMITH BIGG,  
*Chairman of the Committee.*

*Haywards Heath, 21st December, 1867.*



# SUSSEX COUNTY LUNATIC ASYLUM, HAYWARDS HEATH.

## ABSTRACT OF CAPITAL ACCOUNT, YEAR ENDING 31st DECEMBER, 1867.

### BUILDINGS, LAND, &c.

	£	s.	d.
Enlargement and Alterations to Building—Further Payments in Settlement.....	4,493	6	8
Surveyor's Commission and Travelling Expenses.....	216	9	1
	<u>4,709</u>	<u>15</u>	<u>9</u>

### MISCELLANEOUS.

Amount transferred to Maintenance Account .....	500	0	0
	<u>5,209</u>	<u>15</u>	<u>9</u>
Amount expended to Epiphany Sessions, 1866.....	96,979	3	4
Total Payments to Epiphany Sessions, 1867 .....	<u>£102,188</u>	<u>19</u>	<u>1</u>

	£	s.	d.
Amount of Loans raised : Eastern Division...	67,670	0	0
Western Division...	33,330	0	0
	<u>101,000</u>	<u>0</u>	<u>0</u>

	£	s.	d.
Received for Rent and Timber ...	438	14	8
Received from Surplus Fund ...	<u>1,400</u>	<u>0</u>	<u>0</u>
	<u>1,838</u>	<u>14</u>	<u>8</u>
	<u>£102,838</u>	<u>14</u>	<u>8</u>

1867. December 21st. *The Accounts, of which the foregoing is an Abstract, have been Examined and Audited by us, and found correct.*

(Signed) EDWARD SMITH BIGG,  
JOHN MANSHIP NORMAN.

Haywards Heath, December 21st, 1867.

*BALANCE STATEMENT for the Year ending December 31st, 1867.*

*Examined by Finance Committee, January 25th, 1868.*

(Signed)

EDWARD SMITH BIGG, *Chairman*.  
JOHN MANSHIP NORMAN.  
W. M. HOLLIS.


(Signed) S. A. MORTLOCK,  
Clerk and Stenographer



*INCOME and EXPENDITURE for the Year ending December 31st, 1867.*

AVERAGE WEEKLY EXPENDITURE for the Year for each Patient, from Weekly Rate.					
	QUARTERS ENDING				Average for the Year 1867.
	March 31st.	June 30th.	Sept. 30th.	Dec. 31st.	
Provisions.. .. .	\$ 4 1/2	\$ 4 1/2	\$ 4 1/2	\$ 4 1/2	\$ 4 1/2
House and other Expense .. ..	1 00	1 00	1 40	1 00	1 10
Clothing .. .. .	0 60	0 11	0 40	0 60	0 70
Salaries and Wages .. .. .	2 1 1/2	2 1 1/2	2 00	2 00	2 1 1/2
Medicine, Wine and Spirits .. ..	0 40	0 30	0 40	0 40	0 40
Incidentals .. .. .	0 40	0 00	0 00	0 00	0 40
Total .. .. .	\$ 9 1 1/2	\$ 10 1/2	\$ 9 40	\$ 9 11	\$ 9 1 1/2
Weekly Rate charged to the Unlaid contributing to the Asylum.. ..	9 9	9 9	9 9	9 9	9 9
Do. do. Not contributing do. ..	14 0	14 0	14 0	14 0	14 0
Do. do. For Private Patients ..	16 0	16 0	16 0	16 0	16 0





Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30319079>

# FARM AND GARDEN ACCOUNTS.

Dr.

From 1st January to 31st December, 1837.

Cr.

1866.—December 31 :—	£	s.	d.	£	s.	d.
To Estimated Value of Live Stock .....	988	12	0			
Estimated Value of Dead ditto .....	371	7	6			
Tenants' Valuation .....	701	6	6			
Estimated Value of Provender .....	309	0	0			
				2370	6	0

1867.—December 31 :—						
To Purchase of—						
1 Bull .....	29	0	0			
51 Cows and Beasts .....	1081	6	5			
1 Calf .....	3	9	2			
179 Sheep .....	454	1	3			
86 Pigs .....	278	0	7			
2 Horses .....	61	10	0			
Oil Cake .....	301	10	0			
Sharps and Bran .....	355	19	4			
Seeds and Plants .....	65	15	0			
Oats, Beans, &c. ....	50	6	0			
Straw .....	189	9	8			
Implements .....	72	14	11			
Manure and Lime .....	40	3	11			
Wages of Bailiff, Gardener, Cowman, Carter, and other Servants employed on Farm....	365	16	6			
Sundries .....	40	14	2			
Valuation .....	10	10	0			
Thatching .....	3	15	3			
Thrashing .....	12	4	2			
				3416	6	4

Rates and Taxes .....	49	13	4			
1968 Bushels of Grains, at 4d. per Bushel .....	32	16	0			
Estimated Rent on Land .....	150	0	0			
				232	9	4

Balance in favour of Farm .....	283	8	11			
---------------------------------	-----	---	----	--	--	--

£6302 10 7

## ESTIMATED VALUE OF FARM STOCK:—

1866.—December 31 :—	£	s.	d.			
26 Cows and Fattening Beasts .....	528	0	0			
6 Horses .....	130	0	0			
27 Sheep .....	69	10	0			
115 Head of Swine .....	243	15	0			
121 Head of Poultry .....	17	7	0			
	988	12	0			

Dead Stock, Implements, &c. ....	371	7	6			
Tenants' Valuation .....	701	6	6			
Provender .....	309	0	0			

£2370 6 0\*

1867.—December 31 :—	£	s.	d.			
By Sale of—						
Calves .....	25	6	11			
1 Horse .....	15	0	0			
Hides, Skins, and Fat ..	124	3	0			
58½ Quarters Wheat .....	188	16	0			
40 Bus. Oats (for House) ..	7	6	0			
5 Quarters Peas .....	11	0	0			
Poultry .....	7	18	0			
Roots .....	26	8	0			
Poles and Faggots .....	7	4	0			
Use of Stock .....	2	18	6			
Discount .....	3	8	5			
				419	8	10

By Produce Supplied to House:—						
10,417 lbs. Beef, ..@ -/7½	325	10	7			
28,606 „ ditto ..@ -/6½	804	10	10½			
8,948 „ Mutton ..@ -/9	335	11	0			
3,620 „ ditto ..@ -/7½	113	2	6			
6,584 „ Pork ..@ -/7½	205	15	0			
14,478 „ ditto ..@ -/6½	407	3	10½			
				2191	13	10

15,436 galls. Milk @ -/11	707	9	11			
4,497 Eggs .. ..@ -/1	18	14	9			
106 Poultry .. ..@ 2/-	10	12	0			
111 Rabbits .. ..@ -/9	4	3	3			
147 Ditto .. ..@ -/10	6	2	6			
6 Geese .. ..@ 7/-	2	2	0			
2,573½ lbs. Butter (not charged) .....	0	0	0			
				749	4	5

2,227 bus. Cabbage @ 1/-	111	7	0			
410 „ Carrots @ 2/-	41	0	0			
342 „ Parsnips @ 2/-	34	4	0			
327 „ Turnips @ -/10	13	12	6			
1,217½ „ Potatoes @ 2/8	162	6	8			
273½ „ Peas and Beans .....						
..... @ 2/-	27	7	6			
140½ „ Onions @ 2/-	14	1	0			
Other Vegetables .....	37	11	11			
Fruit and Rhubarb .....	14	19	6			

Vegetables supplied to Superintendent .....	20	11	11			
---	----	----	----	--	--	--

Keep of House Horse ..	23	8	0			
Firewood .....	8	2	0			
				31	10	0

By Estimated Value of Live Stock .....	1008	5	0			
„ Dead ditto ..	399	3	0			
„ Tenants' Valuation .....	656	7	6			
„ Provender ..	369	16	0			
				2433	11	6

£6,302 10 7

Examined by Farm Committee, January 25th, 1868.

(Signed) EDWARD SMITH BIGG, Chairman.  
JAMES H. SCLATER.

JOHN MANSHIP NORMAN.

CHAS. SPENCER SCRASE DICKINS.

(Signed) S. A. MORTLOCK, Clerk and Steward.

\* The above Valuation made by Mr. J. Agate, of Slaughtam.

# THE MEDICAL SUPERINTENDENT'S FIFTH ANNUAL REPORT

Medical Superintendent has the honor to submit his  
Fifth Annual Report to the Commission of Visitors.

On the 31st December, 1895, the numbers in the Asylum  
were 240 Male, 603 Female, Total 843.

Admissions during the year have been Male 69,  
Female 93, Total 162.

Discharges during the year have been Male 53,  
Female 44, Total 97.

Deaths during the same period have been Male 53,  
Female 67, Total 120.

The mean population resident during the year has been  
Male 245, Female 612, Mean Average 628.5.

The number in the Asylum this day (31st December)  
were Male 232, Female 615, Total 847.

Several numerical results are annexed up to the first  
of the year. A similar state also exists  
of the Total Numerical Results, since the opening of the year.

and will be found in Table II.



## MALE WING.

## PATIENTS SLEEPING SPACE AND DISTRIBUTION.

DESIGNATION OF WARD.	NUMBER OF BEDS.		REMARKS.
	SINGLE ROOMS.	DORMITORIES.	
I.	4 (1 padded)	2. 6 beds Total 12.	In the single rooms the average cubic space to each bed is 693 feet, and the average superficial space is 63.
II.	5 (1 padded)	2. 6 beds } 1. 3 beds } Total 15.	
III.	5	2. 6 beds } 1. 3 beds } Total 15.	In the dormitories the average is 550 cubic feet, and 50 superficial feet per bed.
IV.	5	2. 6 beds } 1. 3 beds } Total 15.	
V. V <sub>A</sub> .	6	1. 20 beds } 1. 10 beds } Total 30.	There are 370 beds on the male side, as against 350 on the female side. Ten are gained in 5A., eight by an extension of the new wing, and three by an increase of the single rooms in VI.
VI.	13 (2 padded)	1. 6 beds } 1. 3 beds } Total 9.	
Sleeping Gallery.	16	4. 8 beds } Total 32. 2. 9 beds } Total 18. 4. 3 beds } Total 12.	
New Wing.	12	2. 45 beds } Total 90. 2. 25 beds } Total 50. 2. 3 beds } Total 6.	
Total No. of Beds.	Single Rooms. 66	In Dormitories... 304.	
Total 370.			

## FEMALE WING.

## PATIENTS SLEEPING SPACE AND DISTRIBUTION.

DESIGNA- TION OF WARD.	NUMBER OF BEDS.		REMARKS.
	SINGLE ROOMS.	DORMITORIES.	
I.	5 (1 padded)	2. 6 beds Total 12.	In the single rooms the average cubic space to each bed is 693 feet, and the average superficial space is 63 feet.
II.	4 (1 padded)	2. 6 beds } 1. 3 beds } Total 15.	
III.	5	2. 6 beds } 1. 3 beds } Total 15.	
IV.	5	2. 6 beds } 1. 3 beds } Total 15.	In the dormitories the average is 550 cubic feet, and superficial feet per bed.
V.	5	1. 20 beds Total 20.	
VI.	10	1. 7 beds } 1. 4 beds } Total 11.	There are 350 beds, but of the patients' beds are occupied by the additional nurses and by the house servants, neither of whom rooms have otherwise been provided.
Sleeping Gallery.	9	4. 8 beds } 2. 10 beds } Total 32. 3. 3 beds } Total 20. Total 9.	
New Wing.	8	2. 45 beds } 2. 25 beds } Total 90. Total 50.	
Total No. of Beds.	Single Rooms. 51	In Dormitories... 289.	
Total 340.			



The Medical Superintendent cannot close this report of the history of the year 1867, without here recording his sense of the untiring zeal and efficiency of the late Chaplain, the Rev. Henry Hawkins, M.A., and while rejoiced to think that so well merited preferment has fallen to him, he yet retains a lingering regret at the loss of a colleague with whom, since the opening of the Asylum, in 1859, he has continuously worked in unbroken harmony.

Resignation of the  
Chaplain (Rev. H.  
Hawkins, M.A.)

The Revd. Thomas Edward Crallan, M.A., Cantab., who was appointed Chaplain by the Visitors at a special meeting on the 8th of November, has performed the duties of his office since the 1st inst. He has already made a most favorable impression on the patients, and he has shewn a great desire to carry out the work of his office in accordance with the views and suggestions of the Medical Superintendent.

Appointment of  
the Rev. T. E.  
Crallan, M.A.

The Medical Superintendent continues to receive the most efficient and willing aid in the duties and government of the House from the Assistant Medical Officer, Dr. S. W. D. Williams, and whose services he would again desire to thus commend to the notice of the Visitors.

Dr. Williams.

(Signed) C. LOCKHART ROBERTSON,

*Medical Superintendent.*

*Haywards Heath, December 31st, 1867.*



## CORRESPONDENCE RELATIVE TO THE CASE OF WILLIAM HENRY REED.

---

Sussex Lunatic Asylum,  
Haywards Heath,  
November 3rd, 1867.

SIR,—I am desired by Dr. Robertson to inform you that an inquest will be held on the body of William Henry Reed, who was admitted from Bethnal Green on the 29th October, and died on the 2nd inst., at six a.m.

A *post mortem* examination this morning has shewn that the ninth rib on the right side has recently been fractured.

I shall send you a telegram as soon as I learn the day and hour fixed by the coroner for East Sussex for this inquest.

I am, Sir,

Your obedient Servant,

S. A. MORTLOCK,

Clerk of the Asylum.

To Dr. Millar,  
Bethnal Green Asylum, London.

[Same letter sent to Mr. S. Thorncroft, Assistant Overseer, Brighton.]

---

Sussex Lunatic Asylum,  
Haywards Heath,  
November 5th, 1867.

SIR,—With reference to my certificate of death in the case of William Henry Reed, who died here on the 2nd instant, I beg now to add, for the information of the Commissioners in Lunacy, that the Coroner for East Sussex held an inquest here late last night, and that the jury found that William Henry Reed died from serous effusion on the brain.

They added to their verdict that he had an extensive bruise on his right arm, and a fractured rib on the right side. Mr. Jones, the Clerk to the Visitors, attended the inquest.

The medical evidence showed that death resulted from serous effusion into the ventricles and membranes of the brain. There was apparently no connection between the fractured rib and the patient's death.

The annexed letter, from Dr. Millar, whom I invited to attend the inquest, explains the circumstances under which, probably, the rib was broken.

In addition, the *post mortem* examination revealed extensive disease of the spleen and kidneys; and the vessels of the brain and the muscular tissue of the heart alike presented, under the microscope, the characteristic signs of fatty degeneration.

I shall be glad to furnish the Commissioners with any farther information they may desire. At the desire of the coroner the interment has been deferred till Thursday, the 7th, at three p.m.

I am, Sir,

Your obedient Servant,

C. L. ROBERTSON.

C. P. Phillips, Esq.,  
Secretary to the Commissioners in Lunacy.

Bethnal House,  
Cambridge Road,  
November 4th, 1867.

SIR,—I confess I am much surprised at the communication this morning from the Clerk of the Asylum, saying that W. H. Reed was dead. When he left here he appeared much in the same state of health as he had been in for the last two months. The fractured rib I, of course, knew nothing of, otherwise I would have objected to his removal. It appears that the evening before he was removed he had a scuffle with a fellow-patient in the Infirmary, and it is not unlikely that the rib was broken at the time he received the bruise on his arm. On receiving your telegram as to the time of the inquest, I shall bring with me a patient who described the scuffle, and the attendant of the Infirmary.

I am,

Yours faithfully,

JNO. MILLAR.

Dr. Robertson.

Sussex Lunatic Asylum,  
Haywards Heath,  
November 5th, 1867.

SIR,—I am desired by Dr. Robertson to acknowledge the receipt of your letter of yesterday, and in reply to express his regret that the short notice given by the coroner should have prevented you from attending the inquest, as you proposed. I sent a telegram, as I promised, the moment I received the coroner's intimation of the hour he had fixed.

The verdict of the jury was that "William Henry Reed died from Serous Effusion on the Brain;" they also say that he had an extensive bruise on his right arm, and a fractured rib on the right side.

I am, Sir,

Your obedient Servant,

S. A. MORTLOCK,

Clerk of the Asylum.

To Dr. Millar,  
Bethnal Green Asylum.



Bethnal House,  
Cambridge Road,  
November 4th, 1867.

SIR,—Not expecting an inquest at so late an hour, I kept an invitation which prevented Mr. Mortlock's telegram reaching me before twenty minutes to seven—twenty minutes too late to enable me to catch the seven o'clock train; had I been at home I should have started to attend the inquest on Wm. H. Reed. As I presume the inquest is adjourned, I must now wait the summons of the coroner.

I called this morning at the office of the Commissioners in Lunacy, and showed them Mr. Mortlock's letter, and our own Case Book referring to the patient.

I am,  
Yours faithfully,  
JNO. MILLAR.

Dr. Robertson.



## THE CHAPLAIN'S NINTH ANNUAL REPORT.

---

THE Chaplain's Ninth Annual Report is respectfully submitted to the notice of the Committee of Visitors.

Ninth Annual  
Report.

At the suggestion of the Medical Superintendent, an alteration has recently been made in the hour of the second Litany Service. Instead of being held at noon it now begins almost immediately after the conclusion of the 10 a.m. Morning Prayer. A longer interval before the dinner hour by this arrangement, secured for the patients country walk. Holy Communion has been celebrated monthly, and on some special occasions. The 8 p.m. monthly household service has been regularly conducted, with a fair measure of success.

Sunday Services.

A greater number than formerly of patients has attended the early Morning Service, which has commenced a few minutes later to suit the domestic arrangements. On wet mornings, when the patients have not been permitted to leave the building, the service has been omitted.

Week Day Services.

On Ash Wednesday, and on the Sunday afternoons during Lent, clergymen from the neighbourhood officiated as preachers. It is hoped that this variety in the conduct of the services

Lent Services

was acceptable to many of the congregation. The following are the names of the preachers:—

- March 6—Rev. J. Foster, Incumbent of Wivelsfield;  
 „ 10—Rev. E. Grindle, Curate of Cuckfield;  
 „ 17—Rev. S. Greatheed, Curate of St. Wilfrid's;  
 „ 24—Rev. R. E. Wyatt, Incumbent of St. Wilfrid's;  
 „ 31—Rev. H. Hollingworth, Curate of Cuckfield;  
 April 7—Rev. T. Astley Maberly, Vicar of Cuckfield;  
 „ 14—Rev. J. Foster, Incumbent of Wivelsfield.

Extra services were held on Wednesdays (when the choir attended) and Fridays. A daily evening service was held during Holy Week.

Ascension Day. On this festival there was an early celebration of the Holy Communion, with Evening Service at 5 p.m.

Commemoration Day, 25th July. The services were at 8.30 and at 12. The Venerable Edward Garbett, Archdeacon of Chichester, was the preacher on the occasion. The choir was led by Mr. Alfred White.

Funerals. 49 funerals have taken place during the year; 23 have been removed. The Chaplain has made it a practice to speak a few words to the mourners, and to present them with a memorial card, filled up with the name of the deceased. This slight attention has, in many instances, afforded gratification.

Classes. The male and female writing, and the female bible, classes have been continued. The Commissioners, on the occasion of their visit, made special reference to the classes.

Library. No addition has been made to the permanent stock, but a subscription has been renewed at Mudie's for the service of the household.



The wards and infirmaries have been frequently visited. In Wards.  
the female infirmary Holy Communion has been from time to  
time administered, to an invalided patient.

Several interesting meetings have taken place during the Missionary Meet-  
ings.  
year. In February a missionary tea meeting was held,  
attended by nearly all the officers, and by a large number of  
the household. At a previous meeting the Rev. S. Greatheed  
delivered an address. In July the Rev. H. H. Wyatt, of  
Brighton, and the Rev. R. L. Pennall (who is about to join  
the African Mission under Bishop Tozer) attended; and in  
November the Rev. W. Jackson, of Heathfield, delivered an  
interesting lecture. A cheque for £8 13s. 2d. has been for-  
warded to the parent society.

The performance of the choir has been creditable, and the Choir.  
conductor of the harmonium has exerted himself to give as  
much efficiency as possible to the musical portion of the  
services.

The Chaplain cannot deny himself the gratification of Farewell Meeting,  
referring to the evening of November 23rd, when the officers  
and other members of the establishment assembled to take  
their farewell of him at a tea party, which had been convened  
by the Medical Superintendent. The friendly feeling elicited  
on that occasion will long be agreeably remembered.

In presenting, for the last time, his annual report of the  
discharge of his duties, the Chaplain welcomes this oppor-  
tunity of tendering his best acknowledgments to the Visitors  
for the confidence which, during more than eight years, they  
have reposed in him. Deeply sensible of the defects of his  
ministrations, he is in a position to appreciate the indulgence  
which has been extended to his imperfect endeavours.



To the Medical Superintendent and other officers he desires to offer cordial thanks for their courtesy and co-operation. To the household in general he is under obligation for civilities experienced at their hands.

With every expression of respect the Chaplain takes leave of the Visitors and his colleagues in office, subscribing himself, for the last time.

Their faithful servant and Chaplain,

(Signed) HENRY HAWKINS, M.A.

Haywards Heath, 31st December, 1867.

# THE REPORT OF THE COMMISSIONERS IN LUNACY.

---

SUSSEX COUNTY ASYLUM,  
*June 7th, 1867.*

UPON our visits yesterday and this day, we have inspected the Asylum in its several departments, and, with the exception of one of each sex, absent on leave, and one man who escaped on the 1st instant, and has been traced and sent for, have seen all the patients.

The changes in the patients since the last visit, May 4th, 1866, and their present numbers, are shown by the following tabular statement:—

			M.		F.		Total.
Admitted	...	...	63	...	97	...	160
Discharged	...	...	26	...	38	...	64
Do., of whom recovered	...	...	20	...	23	...	53
Died, all from ordinary causes	...	...	39	...	44	...	83
Present number on the books	...	...	236	...	305	...	541

We have satisfaction in being able to report most favourably, as heretofore, of the personal condition and demeanour of the patients of both sexes, who were well dressed, quiet, and orderly. Their general state is, we think, most creditable to the medical and other officers, and to the attendants more immediately responsible for their supervision and care.

The sanitary condition of the Asylum is good. We found not more than three or four patients of each sex in bed, and



the numbers registered under medical treatment are only 8 in the Male, and 9 in the Female Division. The instances of seclusion since the last visit have been very rare, all cases being carefully recorded.

The night attendance continues to be most satisfactory in its results. The latest Ward Returns showed only four or five wet beds nightly in the respective Divisions.

The patients attending Divine Service in the Chapel on Sundays average about 150 on the Male side, and 200 on the Female, and on week-days about two-thirds of those numbers.

The Schools for reading, writing, and elementary instruction continue to be conducted satisfactorily, under the direction of the Rev. Mr. Hawkins, the Chaplain, who takes an active interest in the spiritual welfare and mental improvement of the patients.

The Holy Communion is administered on the first Sunday in every month, and received by about twelve patients of each sex.

Upwards of 140 of the Male, and 190 of the Female Patients are usefully employed. Of the former, upwards of 40 work on the land, under the Gardener and out-door and farm attendants, and nearly 50 as artizans. Of the latter, nearly 100 are engaged in needle-work, and 40 in the laundry, wherein there are only three Laundry-maids.

The arrangements for Bathing are very good. For the purpose of cleanliness there is, in each Division, a general bath-room, containing four baths, and with dressing-rooms attached. Every patient is bathed regularly twice a week,



and each has fresh water. There are also baths in the several wards for medical purposes and special cases.

The body linen of all the patients is changed twice a week.

With the exception of 6 or 8 men, and from 20 to 25 women (sick, epileptic, or otherwise not in a fit state), all the patients dine and take their meals in the general Halls, which have been brought into use within the last three months, and will accommodate each 350 patients.

The new Male Wing, for 130 patients, will be ready for occupation in about a month from this date.

Gas is now procured from a company, and the old gas works are about to be converted into a smith's shop. This will afford an opportunity for materially enlarging the airing ground of the Male patients of the worst class, an improvement much required, and which, we trust, will be carried out.

We found all the wards and rooms, beds and bedding, clean, in the best order, well furnished, and comfortable, and cheerful in aspect. In all respects we have been gratified by our visit.

Dr. Robertson is ably assisted in his duties and keeping the Medical Records by Dr. Williams, late of the Northampton Asylum.

(Signed)

R. W. S. LUTWIDGE,	} Commissioners
ROBERT NAIRNE,	
	in Lunacy.

and each has been named. There are but two in the  
 general world for medical purposes and special cases.

The first kind of all is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety

of purposes. It is the one which is used for a variety



APPENDIX

TO THE

MEDICAL SUPERINTENDENT'S

NINTH ANNUAL REPORT,

CONTAINING

TABLES ILLUSTRATING THE MEDICAL, DOMESTIC, AND  
FINANCIAL RESULTS OF THE YEAR 1867.

*The Medical Superintendent desires to acknowledge the services rendered to him by the Steward and Clerk of the Asylum (Mr. Mortloek) in the compilation of these Tables.*

---

# CONTENTS OF APPENDIX.

	No.		PAGE.
Medical Tables.	I.	The Admissions, Discharges, and Deaths ... ..	33
	II.	The Admissions, Discharges, and Deaths since the opening of the Asylum 25th July, 1859 ... ..	34
	III.	Showing the Admissions, Discharges, and Deaths, with the mean annual Mortality and proportion of Recoveries of each year since the Opening of the Asylum ... ..	35
	IV.	Showing the History of the Annual Admissions since the Opening of the Asylum, and the number of each year remaining on the 31st December, 1867 ... ..	36
	V.	Showing the Causes of Death during the year ...	37
	VI.	Showing the length of Residence in those Discharged, Recovered, and Died during the year ...	38
	VII.	Showing the Duration of the Disorder on Admission in the Admissions, Discharges and Deaths during the year ... ..	39
	VIII.	Showing the Ages of the Admissions, Discharges, and Deaths during the year ... ..	40
	IX.	Condition as to Marriage in the Admissions, Discharges, and Deaths during the year ... ..	41
	X.	Showing the probable Causes, Apparent or Assigned, of the Disorders in the Admissions, Discharges, and Deaths during the year ... ..	42
	XI.	Patients' daily State and Employment ... ..	43
	XII.	An Abstract of the Annual Returns of Pauper Lunatics chargeable to the several Unions and Places in the County of Sussex ... ..	44
Domestic Tables.	XIII.	The Tailor's Shop ... ..	45
	XIV.	The Shoemaker's Shop... ..	46
	XV.	The Matmaker's Shop ... ..	47
	XVI.	The Basketmaker's Shop ... ..	48
	XVII.	The Engineer's Shop ... ..	49
	XVIII.	The Carpenter's Shop ... ..	54
	XIX.	The Bricklayers' ... ..	57
	XX.	The Painter's Shop ... ..	61
	XXI.	The Needlework ... ..	64
	XXII.	The Laundry Work ... ..	65
	XXIII.	The Diet Table ... ..	66-67
	XXIV.	The Establishment... ..	68
Financial Tables.	XXV.	Contract Price of Provisions ... ..	69
	XXVI.	Provisions Consumed ... ..	70
	XXVII.	Bedding and Clothing issued ... ..	71
	XXVIII.	Income and Expenditure, with Average Weekly Cost (No. XI. of the Medico-Psychological Tables)... ..	72



TABLE 1.

*Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year 1867.*

				Male.	Female.	Total.
In the Asylum, 1st January, 1867 ..				240	303	543
	M.	F.	T.			
Admitted for the first time during the year	63	80	143			
Re-Admitted during the year .....	6	13	19			
Total Admitted.....				69	93	162
Total under care during the year .....				309	396	705
Discharged or Removed :						
	M.	F.	T.			
Recovered.....	15	27	42			
Relieved .....	6	13	19			
Not Improved	1	4	5			
Died .....	35	37	72			
Total Discharged and Died during the year .....				57	81	138
Remaining in the Asylum, Dec. 31st, 1867 (inclusive of absent on trial, Males, 1; Females, 1) .....				252	315	567
Average numbers resident during the year .....				244.1	311.9	556.0

TABLE II.

*Showing the Admissions, Re-Admissions, and Discharges, from the Opening of the Asylum to the present date, 31st December, 1867.*

	Male.	Female.	Total.
Persons Admitted during the Period of $8\frac{1}{2}$ years .....	685	690	1375
Re-Admissions .....	30	44	74
Total of Cases Admitted .....	715	734	1449
Discharged or Removed :			
	M.	F.	T.
Recovered.....	110	158	268
Relieved .....	38	41	79
Not Improved	62	36	98
Died .....	253	184	437
Total Discharged and Died during the $8\frac{1}{2}$ years .....	463	419	882
Remaining, December 31, 1867 .....	252	315	567
Average numbers resident during the $8\frac{1}{2}$ years .....	216	253	469



TABLE III.

*Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and proportion of Recoveries per cent. of the Admissions for each Year since the Opening of the Asylum.*

YEAR.	Discharged.												Remaining 31st Dec. in each year.			Average No. Resident.			Per centage of Recoveries on Admissions.				Per centage of Deaths on average Nos. Resident							
	Recovered.						Relieved.						Not Improved.						Died.											
	Recovered.			Relieved.			Not Improved.			Died.																				
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Both Sexes.	Male.	Female.	Both Sexes.			
1859.....	143	164	307	2	4	6	3	3	6	1	1	2	4	6	10	135	150	285	108	124	232	1.4	2.4	1.9	3.7	4.8	4.3			
1860.....	80	104	184	12	18	30	3	3	6	4	1	5	25	9	34	172	227	399	133	161	294	15.0	17.3	16.3	18.8	5.5	11.5			
1861.....	103	66	169	7	22	29	3	1	4	10	18	28	26	19	45	228	231	459	192	227	419	6.8	33.3	17.1	13.5	8.3	10.7			
1862.....	60	69	129	14	16	30	1	6	7	7	3	10	23	18	41	242	258	500	232	249	481	23.3	23.1	23.2	9.9	7.2	8.5			
1863.....	59	22	81	13	19	32	9	2	11	33	1	34	28	15	43	220	243	463	235	256	491	22.0	86.3	39.5	11.9	5.8	8.7			
1864.....	64	70	134	14	10	24	5	2	7	4	4	8	36	21	57	225	276	501	223	250	473	21.8	14.2	17.9	16.1	8.4	12.0			
1865.....	67	57	124	16	17	33	6	6	12	1	4	5	36	29	65	233	277	510	227	281	508	23.8	29.8	26.6	15.8	10.3	12.7			
1866.....	70	89	159	17	25	42	5	8	13	1	1	1	40	30	70	240	303	543	239	296	535	24.2	28.2	26.4	16.7	10.1	13.0			
1867.....	69	93	162	15	27	42	6	13	19	1	4	5	35	37	72	252	315	567	244	312	556	21.7	29.0	25.9	14.3	11.8	12.9			
TOTAL.....	715	734	1449	110	158	268	38	41	79	62	36	98	253	184	437				216	253	469	33	33	33	33	33	33			



TABLE IV.

*Showing the History of the Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths, and the Numbers of each year remaining on the 31st December, 1867.*

Admitted.				Of each year's Admissions Discharged and Died in 1867.								Total Discharged and Died of each Year's Admissions to 31st Dec., 1866.								Remaining of each Year's Admissions, 31 Dec., 1867.							
YEAR.	New Cases.		Relapsed Cases.		Re-covered.		Relieved.		Not Im-proved.		Died.		Re-covered.		Relieved.		Not Im-proved.		Died.		Total.		M.		F.		Total.
	M.	F.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	
1859...	143	164	1	1	307	1	1	2	1	1	2	6	12	11	13	24	1	4	5	2	7	52	107	68	84	152	
1860...	79	104	1	6	184	1	1	2	1	1	2	2	1	3	16	30	7	7	14	10	16	23	46	22	27	49	
1861...	102	60	2	5	169	1	1	2	1	1	2	1	1	2	9	18	9	3	12	40	5	30	45	14	24	38	
1862...	58	64	1	1	129	1	1	2	1	1	2	3	4	16	26	42	3	2	5	1	3	22	38	17	20	37	
1863...	58	22	1	1	81	1	1	2	1	1	2	2	4	11	5	16	3	2	6	2	3	27	30	14	7	21	
1864...	56	62	8	8	134	2	2	4	1	1	2	3	6	13	18	31	4	2	6	2	6	22	33	17	30	47	
1865...	62	50	5	7	124	2	1	3	5	9	14	8	15	23	15	23	2	4	6	2	2	22	33	28	21	49	
1866...	64	84	6	5	159	6	12	18	2	5	7	7	8	15	8	15	3	3	6	1	1	20	33	26	38	64	
1867...	63	80	6	13	162	7	11	18	4	4	8	11	12	23	11	12	2	3	5	3	3	20	33	46	64	110	
TOTAL	685	690	30	44	1449	15	27	42	6	13	19	35	37	72	95	131	226	32	28	60	61	93	218	365	252	315	567

Summary of the Total Admissions, 1859-67.			
	Male.	Female.	Both Sexes.
Per centage of Cases Recovered .....	15.4	21.5	18.5
Relieved .....	5.3	5.6	5.5
Not Improved .....	8.7	4.9	6.7
Dead .....	35.4	25.0	30.2
Remaining .....	35.2	43.0	39.1
	100.	100.	100.



TABLE V.

*Showing the Causes of Death during the Year.*

CAUSE OF DEATH.	Male.	Female.	TOTAL.
<i>Cerebral or Spinal Disease.</i>			
Apoplexy and Paralysis .....	1	2	3
Epilepsy and Convulsions .....	4	2	6
General Paralysis.....	6	2	8
Maniacal and Melancholic Exhaustion or Decay .....	5	4	9
Inflammation and other Diseases of the Brain, Softening, Tumours, &c .....	5	2	7
<i>Thoracic Disease.</i>			
Inflammation of the Lungs, Pleuræ and Bronchi .....	2	1	3
Pulmonary Consumption .....	2	10	12
Disease of the Heart, &c.....	"	4	4
<i>Abdominal Disease.</i>			
Inflammation and Ulceration of the Stomach, Intestines, or Peritoneum .....	2	"	2
Dysentery and Diarrhœa .....	1	3	4
Pelvic Abscess .....	"	"	"
Exanthemata.....	"	"	"
Erysipelas .....	"	"	"
Cancer .....	"	1	1
Anœmia.....	1	"	1
General Debility and Old Age ...	6	6	12
Suicide .....	"	"	"
Accidents .....	"	"	"
TOTAL.....	35	37	72

TABLE VI.

*Showing the length of Residence of those Discharged Recovered,  
and in those who have Died during the year 1867.*

Length of Residence.	RECOVERED.			DIED.		
	Male.	Female.	Total.	Male.	Female.	Total.
Under 1 month .....	1	„	1	6	8	14
From 1 to 3 months .....	4	3	7	4	5	9
„ 3 „ 6 „ .....	2	7	9	3	2	5
„ 6 „ 9 „ .....	1	5	6	2	2	4
„ 9 „ 12 „ .....	1	5	6	1	2	3
„ 1 „ 2 years .....	5	4	9	2	3	5
„ 2 „ 3 „ .....	1	2	3	5	2	7
„ 3 „ 5 „ .....	„	1	1	3	6	9
„ 5 „ 7 „ .....	„	„	„	7	2	9
„ 7 „ 10 „ .....	„	„	„	2	5	7
„ 10 „ 12 „ .....	„	„	„	„	„	„
TOTAL .....	15	27	42	35	37	72



TABLE VII.

*Shewing the Duration of the Disorder on Admissions, Discharges, and Deaths during the Year 1867.*

CLASS.	Duration of Disease on Admission in Four Classes.											
	The Admissions.			The Discharges.						The Deaths.		
	The Admissions.			Recovered.			Removed, Relieved or otherwise.			The Deaths.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
FIRST CLASS— First attack, and within three months on admission.....	28	34	62	6	11	17	4	7	11	7	15	22
SECOND CLASS— First attack, above three and within twelve months on admission.....	16	12	28	2	3	5	...	2	2	7	9	16
THIRD CLASS— Not first attack, and within twelve months on admission.....	13	28	41	7	11	18	3	7	10	3	5	8
FOURTH CLASS— First attack or not, but of more than twelve months on admission.....	4	15	19	...	1	1	...	...	...	16	5	21
Not ascertained .....	8	4	12	...	1	1	...	1	1	2	3	5
TOTAL.....	69	93	162	15	27	42	7	17	24	35	37	72

**TABLE VIII.**  
*Showing the Ages of the Admissions, Discharges, and Deaths during the Year.*

AGES.	The Admissions.			The Discharges.			The Deaths.		
	The Admissions.			The Discharges.			The Deaths.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
From 5 to 10 years.....	...	1	1	...	...	...	...	...	...
" 10 15 "	...	2	2	...	...	...	...	...	...
" 15 20 "	3	3	6	...	...	...	...	...	3
" 20 30 "	13	15	28	...	2	2	...	1	10
" 30 40 "	16	25	41	...	4	11	2	3	14
" 40 50 "	17	19	36	2	4	5	1	9	10
" 50 60 "	5	9	14	1	2	3	3	7	12
" 60 70 "	7	8	15	3	7	10	5	3	8
" 70 80 "	2	5	7	1	3	4	3	7	10
" 80 90 "	2	2	4	...	...	...	1	2	3
" 90 and upwards.....	...	...	...	...	...	...	...	...	...
" Not ascertained .....	4	4	8	...	...	...	2	...	2
<b>TOTAL.....</b>	<b>69</b>	<b>93</b>	<b>162</b>	<b>15</b>	<b>27</b>	<b>42</b>	<b>35</b>	<b>37</b>	<b>72</b>



TABLE IX.

*Condition as to Marriage in the Admissions, Discharges, and Deaths during the Year.*

Condition in Reference to Marriage.	The Admissions.			The Discharges.				The Deaths.		
	Male.	Female.	Total.	Recovered.			Removed, Relieved, or otherwise.	Male.	Female.	Total.
				Male.	Female.	Total.				
Single.....	24	36	60	4	15	19	3	8	11	24
Married .....	31	39	70	7	7	14	3	8	11	35
Widowed .....	8	18	26	4	5	9	1	1	2	11
Not ascertained .....	6	...	6	...	...	...	...	...	...	2
TOTAL.....	69	93	162	15	27	42	7	17	37	72

TABLE X.

Showing the probable Causes, Apparent or Assigned, of the Disorders in the Admissions, Discharges, and Deaths of the year.

CAUSES.	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Removed, Re- lieved or otherwise.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
MORAL.												
Mental Anxiety .....	1	3	4	..	2	2	1	1	2	2	1	3
Domestic Troubles.....	3	1	4	..	..	..	..	..	..	..	..	..
Religious Excitement .....	3	1	4	1	1	2	1	..	1	1	1	2
Disappointment in Love .....	..	2	2	..	..	..	..	..	..	..	..	..
Seduction.....	..	..	..	..	1	1	..	..	..	..	..	..
Difficulties in Business .....	1	1	2	..	..	..	..	..	..	..	..	..
Excitement from Sister's Suicide	..	1	1	..	..	..	..	..	..	..	..	..
Mother Frightened during Preg- nancy .....	..	..	..	..	..	..	..	..	..	..	1	1
Want.....	2	1	3	1	1	2	..	..	..	1	1	2
Illtreatment.....	..	1	1	..	1	1	..	..	..	..	..	..
Fright .....	..	1	1	..	..	..	..	1	1	..	..	..
PHYSICAL.												
Hereditary Taint .....	4	3	7	1	1	2	..	..	..	..	2	2
Intemperance .....	6	5	11	3	..	3	1	1	2	1	1	2
Onanism .....	1	..	1	..	..	..	..	..	..	1	..	1
Sunstroke.....	1	..	1	..	..	..	..	..	..	1	..	1
Epilepsy .....	2	3	5	..	..	..	..	..	..	3	1	4
Idiocy .....	3	1	4	..	..	..	..	..	..	..	..	..
Injury to Head .....	1	..	1	..	..	..	1	..	1	3	..	3
Teething .....	..	..	..	..	..	..	..	..	..	1	..	1
Ill Health.....	..	..	..	..	..	..	..	..	..	1	1	2
Pulmonary Consumption .....	..	..	..	..	..	..	..	..	..	..	1	1
Puerperal Causes .....	..	..	..	..	..	..	..	..	..	..	2	2
Congenital .....	..	2	2	..	..	..	..	..	..	2	1	3
General Paralysis .....	4	..	4	..	..	..	..	..	..	2	..	2
Climacteric Period.....	..	2	2	..	..	..	..	2	2	..	1	1
Fever.....	..	2	2	..	2	2	..	..	..	..	..	..
Dissipation .....	..	1	1	..	..	..	..	..	..	..	1	1
Opium Eating.....	1	..	1	1	..	1	..	..	..	..	..	..
Injury to Spine .....	1	..	1	..	..	..	..	..	..	1	..	1
Not ascertained .....	35	62	97	8	18	26	3	12	15	15	22	37
	69	93	162	15	27	42	7	17	24	35	37	72



TABLE XI.

*Patients' Daily State and Employment.*

(Compiled from the Daily State Book, which is made up from the Ward Returns.)

OCCUPATION OR TRADE.		Daily Average No. of Patients.	REMARKS.	
<i>Male Patients.</i>				
Working Party {	With the Gardener and out-door Attendants .....	40	See Table XVIII.	
	With the Farm Attendants .....	7		
	With the Cowman .....	3		
With the Carpenter .....	2	See Table XVI.		
„ Upholsterer.....	3			
„ Basketmaker .....	3			
„ Tailor .....	10			
„ Shoemaker.....	12			
„ Matmaker .....	11			
„ Painter.....	4			
„ Engineer .....	0			
„ Baker .....	3			
„ House Attendant .....	7			
In Brewhouse and Steward's Stores .....	3			
Cleaning in the Wards .....	30			
In Dining Hall .....	6			
<i>Daily average number employed.....</i>			144	See Table XXII.
<i>Female Patients.</i>				
In Laundry and Wash-house .....		40	See Table XXI.	
In Kitchen.....		7		
Needlework in Wards.....		90		
Household Work .....		32		
Vegetable Room .....		9		
In Dining Hall.....		15		
<i>Daily average number employed.....</i>		193		



TABLE XII.

*An Abstract of the Annual Returns of Pauper Lunatics chargeable to the several Unions and places in the County of Sussex, 1st Jan., 1868.*

	In County Asylum.		In Private Asylum.		In Asylums in other Counties.		In Work-houses.		With Friends.		In Lodgings or Boarded out.		TOTAL.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Arundel .....	3	4	..	..	..	..	..	..	..	..	..	..	3	4
Battle Union .....	9	12	..	..	..	..	3	3	2	1	..	..	14	16
Brighton Parish.....	49	70	1	..	..	..	19	27	17	6	..	..	86	103
Chailley Union.....	6	11	..	..	..	..	3	1	1	5	..	..	10	17
Chichester Incorporation ..	10	10	..	..	..	..	1	1	2	3	..	..	13	14
Cuckfield Union.....	11	14	..	..	..	..	5	6	2	5	..	1	18	26
Eastbourne Union .....	4	10	..	..	..	..	..	1	1	2	..	..	5	13
East Grinstead Union ..	10	8	..	..	..	..	8	9	..	2	1	..	19	19
Hailsham Union.....	10	11	..	..	..	..	5	5	3	6	..	..	18	22
Hastings Union .....	11	13	..	..	1	..	5	4	1	2	..	..	18	19
Horsham Union .....	9	18	..	..	..	..	3	13	5	10	..	..	17	41
Lewes Union .....	7	12	..	..	1	..	3	4	..	2	..	..	11	18
Midhurst Union .....	4	5	..	..	..	..	3	2	3	6	..	1	10	14
Newhaven Union .....	4	3	..	..	..	..	1	2	..	1	..	..	5	6
Petworth Union.....	4	8	..	..	1	..	2	4	2	..	..	..	9	12
Preston (East) Union ..	8	9	..	..	..	..	..	..	..	..	..	..	8	9
Rye Union .....	11	9	..	..	..	..	5	3	1	4	..	..	17	16
Steyning Union .....	9	14	..	..	..	1	6	4	2	5	..	..	17	24
Sutton Incorporation ..	7	4	..	..	..	..	3	1	..	..	1	..	11	5
Thakeham Union .....	4	4	..	..	..	..	3	3	..	3	..	..	7	10
Ticehurst Union.....	7	8	..	..	..	..	4	4	2	5	3	..	16	17
Uckfield Union .....	15	11	..	..	..	..	4	4	7	6	2	1	28	22
Westbourne Union.....	4	11	..	..	..	..	4	2	2	3	..	..	10	16
Westfrie Union .....	2	3	..	..	..	..	..	..	1	1	..	..	3	4
Westhampnett Union ..	20	18	..	..	..	..	5	4	1	3	..	..	26	25
	238	300	1	..	3	1	95	107	55	81	7	3	399	492

## SUMMARY.

	Numbers 1st January, 1855.			Numbers 1st January, 1867.			Numbers 1st January, 1868.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
In Asylums.....	92	127	219	236	294	530	242	301	543
In Workhouses .....	79	54	133	76	99	175	95	107	202
With Friends .....	45	85	130	60	72	132	62	84	146
TOTALS.....	216	266	482	372	465	837	399	492	891



TABLE XIII.

TAILOR'S SHOP.      *Account of Patients' Work and Earnings for the Year 1867.*

CLOTHING MADE UP.	Number of Articles.	Price of making each Article.	Value of Work.	REMARKS.
Patients' Jackets ... ..	210	s. 2 9 d.	£ 28 17 6	
" Trowsers (Cord unlined) ... ..	158	1 9	13 16 6	
" Waistcoats (Cloth) ... ..	368	1 3	23 0 0	
" Caps ... ..	154	0 5	3 4 2	
Attendants' Working Uniform ... ..	2	8 0	0 16 0	
Mattress Cases ... ..	69	0 6	1 14 6	
Bolster " ... ..	24	8d. doz.	0 1 4	
Pillow " ... ..	9	8d. "	0 0 6	
Chair Cushion Cases ... ..	24	0 2	0 2 0	
Boot Uppers ... ..	138	0 4	2 6 0	
Carpets made ... ..	144 yds.	0 2	1 4 0	
Cloth Trowsers ... ..	22	2 6	2 15 0	Made for an Institution.
REPAIRS.				
Patients' Jackets ... ..	669	0 6	16 14 6	
" Waistcoats ... ..	344	0 4	5 14 8	
" Trowsers ... ..	1321	0 6	33 0 6	
Sundries ... ..	222	0 1	0 18 6	
Deduct Master Tailor's Wages ... ..			134 5 8	
Total Estimated Profit...			59 16 0	
			£74 9 8	

TABLE XIV.

SHOEMAKERS' SHOP. *Account of Patients' Work and Earnings for the Year 1867.*

ARTICLES MADE UP.	Number of Articles.	Price of Work per Article.	Value of Work.	REMARKS.
Men's Leather Boots ... ..	56	s. 3 d. 2	£ 8 s. 17 d. 4	
Slippers ... ..	2	1 0	0 2 0	
Cloth and Canvas Boots ... ..	41½	1 6	3 2 3	
Women's Leather Boots ... ..	99	2 0	9 18 0	
Shoes ... ..	1	1 9	0 1 9	
Slippers ... ..	1	1 0	0 1 0	
Cloth and Canvas Boots ... ..	112	1 6	8 8 0	
REPAIRS—				
Boots and Shoes repaired ... ..	557½	0 8	18 11 8	
“ “ soled and welted ...	819½	1 6	61 9 3	
Deduct Master Shoemaker's Wages...	...	...	110 11 3	
Total Estimated Profits...	...	...	59 16 0	
			£50 15 3	



THE  
MEDICAL SUPERINTENDENT'S  
NINTH ANNUAL REPORT.

---

THE Medical Superintendent has the honour to submit his Ninth Annual Report to the Committee of Visitors.

Ninth Annual Report.

On the 31st December, 1866, the numbers in the Asylum were 240 Male, 303 Female. Total 543.

Numbers on the 31st Dec., 1866.

The admissions during the year have been, Male 69, Female 93. Total, 162.

Admissions.

The discharges during the year have been, Male 22, Female 44. Total, 66.

Discharges.

The deaths during the same period have been, Male 35, Female 37. Total, 72.

Deaths.

The mean population resident during the year has been, Male, 244, Female 312. Mean Average 556.

Mean Annual Population.

The numbers in the Asylum this day (31st December, 1867) are Male 252, Female 315. Total, 567.

Numbers this day, 31st Dec., 1867.

The several numerical results are summed up in the first table in the Appendix to this Report. A similar statement of the Total Numerical Results, since the opening of the Asylum, will be found in Table II.

Numerical results of the year, and also since the opening of the Asylum.

Annual per cent-  
ages for 1867.

The Numerical Results of the year 1867 yield the following per centage :—

(a.) The Recoveries (including the cases Discharged Relieved) are 37·6 per cent. on the admissions of the year. Excluding those cases Relieved, the per centage of Recoveries stands at Male 21·7, Female 29·0. Average, 25·9.

Mean Annual  
Mortality.

(b.) The mean Annual Mortality is Male 14·3, Female 11·8. Average, 12·9.

(c.) Deducting the mortality of the year's admissions, i.e. of those cases sent here simply to die, the mortality on the mean population resident would be Male 7·8, Female 6·1. Average, 6·8.

Asylum Statistics.

The Medico-Psychological Association have added seven new Tables to their series, and which have been introduced into the Appendix to this report. These Tables are now being generally adopted by the English County Asylums, and promise thus in the course of ten years to furnish a valuable collection of statistics relative to the Insane Poor of England.

Sanitary condition of Asylum.

The Sanitary condition of the Asylum throughout the year has been good.

Inquests.

Two Inquests have been held during the year. (a.) Elizabeth Stringer died suddenly on the morning of the 19th September. An inquest was held and the jury returned a verdict of death from hypertrophy of the heart and disease of the brain.

(b.) William Henry Reed, who had been transferred from Bethnal Green Asylum, on 29th October, died from chronic disease of the brain and serous effusion into



entricles, on the 2nd November. The jury returned a verdict of death from chronic disease of the brain with serous effusion. They added that the ninth rib on the right side was fractured. The correspondence of the Medical Superintendent with the commissioners in Lunacy and the Medical Officer of Bethnal Green Asylum, relative to this case, is subjoined to this report.

George Battman escaped from the gardener, on November 14th, and not being re-taken, he was discharged at the end of fourteen days, as required by statute. He was convalescent. Escapes.

The Eighth Commemoration Day of the opening of the Asylum was held on the 25th inst. The Annual Sermon was preached by the Venble. Archdeacon Garbett, M.A. In the afternoon Mr. Basil Young gave his yearly entertainment. This yearly feast day passed off most satisfactorily. Commemoration Day, 1867.

The alterations which have been in progress since 1864 are now completed, and the house has been enlarged from 450 beds to 710. These are nearly divided between the Male and Female departments. This increased accommodation of 260 beds has been gained by adding a wing to the east and west extremity of the building, containing sleeping rooms (chiefly dormitories) for 250 Patients, with the necessary attendants and other rooms. The day room space for these additional 250 patients has been obtained by converting the dining rooms of the twelve wards into sitting rooms, and building out to the north a dining hall, with offices for each department. Enlargement of the Asylum.

These halls measure 82ft. 6in., by 32ft. 10in., and contain 2542 superficial feet and 53,382 cubic feet, and are able to New Dining Halls.



seat 350 patients each. They have now been in use for nine months. All the meals of the house are served there and the success of the experiment has been most encouraging. Not only are the meals served with greater facility and order, but the opportunity of fuller supervision on the part of the Head Attendants leads to a better distribution of the food and obviates waste. The Medical Superintendent feels it due to these two officers to record the aid he has received from them in thus re-organising the work of the Asylum. It is not at any time an easy matter to alter the established routine of a large Asylum, or to overcome the prejudices of the Patients and Attendants of the house against new ways. The average number of Patients absent from the hall at meal times averages (including the sick and infirm) six on the male side and twenty on the female. To these Patients the meals are sent from the hall, and the plates, &c., are each time sent back to the hall scullery to wash. Thus all the smell of food and confusion of cleaning of dishes and plates, have been removed from the twelve wards, to the manifest improvement of the quiet, order, and ventilation. On the other hand the Medical Superintendent must add that the hope he had of using one of these halls for the weekly evening entertainments has not been realised. The difficulties of moving the tables after tea, and replacing them again for breakfast, and of bringing the Male Patients and their Attendants to the Female wing, have proved so insurmountable that he has proposed making shift with the old recreation hall, inconveniently small as it is.

General Bath  
Rooms.

The alterations and new buildings have further led to provision of a general bath-room for each wing, and in accordance with a suggestion of the Visiting Commissioners printed rules have been hung up, both there and in the ward



the bath-rooms, for the guidance of the attendants. Each patient is twice weekly thoroughly washed in warm soap and water, and each patient has clean water and a clean towel for his separate use.

The following Tables show the new distribution of the patients in their new day-rooms, and in their bed-rooms. The average allowance of space for each patient is 50 superficial feet, and 550 cubic feet in the sleeping-rooms, and 35 superficial feet, and 450 cubic feet in the day rooms and dining-hall, giving a total for each patient of 85 superficial feet and 1,000 cubic feet.

Cubic and Super-  
ficial Space.

These measurements accord with the scale laid down by the Commissioners in Lunacy in their paper of Suggestions and Instructions on the Building of Lunatic Asylums.

In the *Report of the Committee appointed to consider the Cubic Space of Metropolitan Workhouses* (presented to both Houses of Parliament by command of Her Majesty, 1867), a great deal of valuable information bearing on the cubic space in Workhouses and Hospitals will be found. The committee recommend that 850 cubic feet be allotted to each sick inmate in the Metropolitan Workhouses, with a clear space of 6 feet across each bed, and that when the ward is more than 12 feet high such additional height should not be taken into account in calculating the cubic space of 850 feet.

## MALE WING.

## DAY ROOM SPACE.

WARDS.	NUMBER OF PATIENTS.	SUPERFICIAL AND CUBIC MEASUREMENT.
I.	75	In each ward (I., II., III., IV.) there are two day rooms, connected by a gallery, containing in all 7,576 superficial feet, and 83,336 cubic feet. These four wards hold each 75 patients, who have, therefore, each 25 superficial feet, and 277 cubic feet.
II.	75	
III.	75	
IV.	75	
V. } V <sub>A</sub> . }	40	Infirmery contains 1,898 superficial feet, and 20,878 cubic feet, and 5A 1,000 superficial feet and 11,000 cubic feet.
VI.	30	Day room and gallery contain 815 superficial feet, and 12,730 cubic feet.
Total...	370	
General Dining Hall ...	350	Contains 2,542 superficial feet, and 53,382 cubic feet, giving 7 superficial feet per patient, with 150 cubic feet each.

## FEMALE WING.

## DAY ROOM SPACE.

WARDS.	NUMBER OF PATIENTS.	SUPERFICIAL AND CUBIC MEASUREMENT.
I.	70	In each ward (I., II., III., IV.) there are two day rooms, connected by a gallery, containing in all 7,576 superficial feet, and 83,336 cubic feet. These four wards hold each 70 patients, who have, therefore, each 27 superficial feet, and 297 cubic feet.
II.	70	
III.	70	
IV.	70	
V.	25	Infirmery contains 1,770 superficial feet, and 19,470 cubic feet, giving 70 superficial feet, and 778 cubic feet per patient.
VI.	45	Day room and gallery contain 1,135 superficial feet, and 18,278 cubic feet.
Total...	350	
General Dining Hall ...	350	Contains 2,542 superficial feet, and 53,382 cubic feet, giving 7 superficial feet per patient, with 150 cubic feet each.





## TABLE XVI.

BASKET MAKERS' SHOP. *Account of Work for the Year 1867.*

	Made.	Repaired.
2 Bushel Baskets.....	1	"
1 Bushel Baskets.....	28	24
$\frac{1}{2}$ do. ".....	"	"
Work ".....	5	1
Egg ".....	1	"
Hand ".....	10	"
Butter ".....	2	"
Lunch ".....	2	2
Square ".....	5	3
Knife ".....	1	"
Bread ".....	2	"
Large Clothes Baskets .....	"	74
5 Nail ".....	"	
6 " ".....	"	
7 " ".....	"	
8 " ".....	"	
9 " ".....	"	
10 " ".....	5	
11 " ".....	3	
12 " ".....	26	14
Willow Chairs .....	18	
Cradles .....	6	
Bird Cages .....	1	
Flower Stands.....	12	
Chairs Bottomed .....	2	
Hampers .....	2	
Table Mats.....	2	
Sieves.....	2	8
Fire Screens .....	2	"
Willow Carriages .....	1	2
Berceau-nettes .....	2	"
Bottle Case .....	1	"
Whisps .....	2	"

Manufactured Goods sold, £9 19s. 11d.



## TABLE XVII.

## ENGINEER'S SHOP.

- Fitting new  $\frac{1}{2}$  in. ball cock and elbow to condensed water tank in surgery
- Making three bearing bars for large boiler flues
- „ 3 in. double clip,  $1\frac{1}{4}$  in. hole drilled and screwed, and two  $\frac{1}{2}$  in bolts and nuts for gas main
- „ Copper hinge and  $\frac{3}{8}$  bolt to door of washing machine
- Fitting and fixing 12 ft.  $\frac{1}{2}$  in. gas pipe, and pendant light, with ceiling plate, in old day room, No. 6, F. W.
- Making six stop plates for windows to ditto
- „ 3 in. double clip, and two  $\frac{1}{2}$  inch bolts and nuts
- „ four brackets to fix shelves, two cramp hooks, and two meat hooks for stores
- „ two cramps, and cutting two castings for stoves
- „ six striking plates for locks
- Fitting two stoves for new buildings
- Forging, fitting, and fixing hand rail and gate round hatch to cellar, new stores
- Making four chimney bars, M. dining hall
- Forging and fitting three sets of levers, and six  $\frac{3}{8}$  in. bolts and nuts for water closets new dining halls
- Cutting and straightening seven  $\frac{1}{2}$  bars, and cutting and shutting seven 1 in. bars to same for windows in new cellar
- Forging and fitting three stay brackets, and six  $\frac{1}{2}$  in. bolts and nuts for gas pendants, F. dining hall
- Fitting six stoves, and making twelve cramps, dining halls
- Taking out gas and water pipes in 3rd storey and M. infirmary
- Making one  $\frac{1}{2}$  in. connecting pipe, and back rest for fire hydrant pipe
- NEW MALE DINING HALL—Fitting and fixing 150 ft.  $1\frac{1}{4}$  in. pipe, four  $1\frac{1}{4}$  in. tee pieces, one  $\frac{1}{4}$  in. reduced socket, 204 ft. 1 in. pipe, five 1 in. tee pieces, two 1 in. reduced elbows, two 1 in. bends, and one 1 in. Carter's stop valve. 12 ft.  $\frac{1}{2}$  in. pipe, 13 ft. of  $\frac{3}{8}$  in., and 24 ft.  $\frac{1}{4}$  in. Two  $\frac{1}{2}$  in. tee pieces, one  $\frac{1}{2}$  in. elbow, one  $\frac{3}{8}$  tee piece, one  $\frac{3}{8}$  in. and one  $\frac{1}{2}$  in. reduced sockets, one  $\frac{1}{4}$  in. elbow, and one  $\frac{1}{2}$  in. reduced tee piece. Three 6-lights star-lights in hall, one 5 light ditto in attendants' room, one pendant light in carving-room, one ditto in scullery, one triangle light in corridor, and one bracket light in water closet for gas
- „ Hot and cold water. Fitting and fixing 3 ft. 2 in. pipe, one 2 in. tee piece, and one  $1\frac{1}{2}$  in. reduced socket. 63 ft. 1 in. pipe, one 1 in. connecting piece and nut, one  $1\frac{1}{2}$  in. tee piece, one 1 in. Lambert's stop valve, one 1 in. gun metal stop cock
- „ Water closet. Fitting and fixing one 1 in. and one  $\frac{3}{4}$  in. tee pieces, one  $\frac{3}{4}$  reduced socket, 4 ft.  $\frac{3}{4}$  in and 1 ft.  $\frac{1}{2}$  in. pipe, One  $\frac{1}{2}$  in. elbow, and one  $\frac{1}{2}$  in. stop cock
- „ Urinal. Fitting and fixing one  $\frac{3}{4}$  in. stop cock, 2 ft.  $\frac{3}{4}$  in. pipe, one  $1\frac{1}{2}$  in. reduced socket, one syphon trap, one  $1\frac{1}{2}$  in. socket, one  $1\frac{1}{2}$  in. elbow, and 2 ft.  $1\frac{1}{2}$  in. pipe
- „ Scullery sinks. Fitting and fixing two 2 in. zinc traps, 6 ft. 2 in pipe, and 22 ft.  $\frac{3}{4}$  in., four  $\frac{3}{4}$  in. elbows, eight nipple pieces (3 in.), eight  $\frac{3}{4}$  in. sockets, eight Lambert's  $\frac{3}{4}$  in. bib cocks, and two 1 in. tee pieces



- NEW FEMALE DINING HALL—Fitting and fixing 155 ft.  $1\frac{1}{4}$  in. pipe eight  $1\frac{1}{4}$  in. bends, two elbows, two tee pieces, and two reduced sockets,  $1\frac{1}{4}$  in. Two 1 in. connecting pieces, with back nuts 206 ft. 1 in. pipe, seven 1 inch tee pieces, two 1 in. elbows, and two 1 in. bends. One 1 in. Carter's stop valve, 13 ft.  $\frac{1}{2}$  in., 15 ft.  $\frac{3}{8}$  in. and 20 ft.  $\frac{1}{4}$  in. pipe. Three tee pieces, and one elbow,  $\frac{1}{2}$  in. One tee piece, and one reduced socket,  $\frac{3}{8}$  in. One  $\frac{1}{2}$  in. socket, and one  $\frac{1}{4}$  in. elbow. Three 6-lights star lights, and eight 1 in. husks. One 5-light ditto, and ceiling plate in attendants' room. One 2-light pendant in carving-room. One ditto, with ceiling plate, in scullery. One triangle light, with ceiling plate, in corridor. One bracket light in water closet for gas
- „ Hot and cold water. Fitting and fixing 6 ft. 2 in. pipe, one 2 in. tee piece, one  $1\frac{1}{2}$  in. reduced socket, 6 ft.  $1\frac{1}{2}$  in., and 63 ft. 1 in. pipe. One 1 in. connecting piece, with back nut. One connecting piece and one tee piece,  $1\frac{1}{2}$  in., one gun metal stop cock, and one Lambert's stop valve, 1 in.
- „ Water closets. One tee piece and one reducing socket, 1 in., one tee piece, one elbow, and two reducing socket,  $\frac{3}{4}$  in. Two  $\frac{1}{2}$  in. elbows, 2 ft.  $\frac{1}{2}$  in. pipe, and two  $\frac{1}{2}$  in. Lambert's stop cocks
- „ Scullery sinks. Two 2 in. traps, 6 ft. 2 in., 22 ft.  $\frac{3}{4}$  in. pipe, four  $\frac{3}{4}$  in. elbows, eight nipple pieces (3 in.), eight  $\frac{3}{4}$  in. sockets, eight  $\frac{3}{4}$  in. Lambert's bib cocks, and two 1 in. tee pieces
- Cutting two 1 in. bars, 7 ft. long, for windows. M. hot water boiler room
- LAUNDRY GAS—Fitting and fixing 124 ft. 1 in. pipe, two elbows, one tee piece, one connecting piece with back nut, 1 in., two 1 in. bends, and connecting to new main.
- Fitting and fixing one new "Haden's patent" steam coil (3 in. cast iron) to M. hot water tank.
- Making two cramps to carry 3 in. hot water pipe.
- „ Chimney bar F. dining hall.
- „ Two hand rails M. hot water boiler room.
- Fitting and fixing in day rooms, male wards, four 5-lights, star lights, four ceiling plates, 7 ft.  $\frac{3}{4}$  in. pipe, four tee pieces, four reducing sockets, two elbows, and two connection pieces, with back nuts,  $\frac{3}{4}$  in.; 42 ft.  $\frac{1}{2}$  in. pipe, 6 elbows, and four bends,  $\frac{1}{2}$  in.
- Fitting and fixing in day rooms, male wards, five 3-lights star lights, five ceiling plates, 16 ft.  $\frac{3}{4}$  in. pipe, four tee pieces, and one elbow,  $\frac{3}{4}$  in., 60 ft.  $\frac{1}{2}$  in. pipe, four tees, one elbow, one cap, and one bend,  $\frac{1}{2}$  in.
- Taking down eighteen bracket lights, and making eighteen iron-screwed plugs,  $\frac{1}{4}$  in., for stopping gas mains.
- Fitting and fixing gas in meat cellar, 40 ft.  $\frac{3}{4}$  in. pipe, four tee pieces, one connection piece, with back nut, and six hooks,  $\frac{3}{8}$  in., and three bracket lights.
- Making blower for M. dining room stove, two brackets, and box plates. Lengthening three 1 in. bolts for crane.
- Fixing horse chaff cutting machine at farm, making four bolts, 3 ft. long, 1 in., and nuts, with four coulters holes, and gib keys, four  $\frac{1}{8}$  in. bolts and nuts, 21 in. long, and two plates 4 ft. and two plates 2 ft. long, with four  $1\frac{1}{4}$  in. holes in each, and four cramps, 1 ft. long, with holes for  $\frac{1}{2}$  in. bolts.
- Fixing one 2 in. high pressure stop valve, making one 2 in. connection piece, with back for fire hydrant, F. W.



- Fixing iron crane, new store. Making eight  $\frac{1}{2}$  in. rings, seven  $\frac{3}{8}$  in. links, and four hooks for sling chains. Drilling two  $\frac{3}{8}$  in. holes, making one  $\frac{3}{8}$  in. bolt and nut, two 1 in. collars, 1 S. hook. Cutting and fixing chain to roller, making two brackets, and guide roller.
- Making four sets of ironwork for water closets, new building, M.
- „ Wrought iron cover to wheel of chaff machine.
- Fixing sun light in F. dining hall, 50 ft. 1 in. pipe, one tee piece, one connecting piece, with back nut, one 1 in. stop cock, and making cowl to same.
- Taking out, cleaning, repairing, and re-fixing steam coil, and 2 in. valve, F.
- „ 80 ft. 2 in. pipe to hot water tank, F.
- Cutting and lengthening tumbler shaft to horse root pulper at farm.
- Fitting and fixing four 3-lights star lights, in old dining room, F. wards, 80 ft.  $\frac{1}{2}$  in. pipe, four tee pieces, two elbows,  $\frac{1}{2}$  in., three  $\frac{3}{4}$  in. tee pieces, three  $\frac{3}{4}$  in. reduced sockets, and one connecting piece, with back nut.
- Making six brackets for hand rail, to steps No. 1 M.
- „ New gate spring, four irons for side boards of carts, new roller frame and lift to mangle, triangle plate for table, cutting four bars to fix copper at cottages, new spring and head band, and two hooks for farm gate.
- NEW MALE WING (Gas)—Fitting and fixing 100 ft. 1 in., 70 ft.  $\frac{3}{4}$  in., 62 ft.  $\frac{3}{8}$  in., 121 ft.  $\frac{1}{2}$  in., and 46 ft.  $\frac{1}{4}$  in. pipe, six  $\frac{3}{4}$  in. and three  $\frac{3}{8}$  in. reduced sockets; three 1 in., four  $\frac{3}{4}$  in., five  $\frac{1}{2}$  in., five  $\frac{3}{8}$  in. tee pieces; and 1  $\frac{3}{8}$  in. and six  $\frac{1}{4}$  in. elbows; 3 ft. 3 in. cast iron pipe, and syphon connected to main
- Fitting and fixing four baths with hot and cold water cocks, and waste valves and connections, 38 ft. 2 in., 69 ft. 1  $\frac{1}{2}$  in., and 48 ft. 1  $\frac{1}{4}$  in. pipe, two 2 in. elbows, three 2 in. tee pieces, one 2 in. reduced socket, four 1  $\frac{1}{2}$  in. elbows, six 1  $\frac{1}{2}$  in. tee pieces, eight 1  $\frac{1}{4}$  in. elbows, eight 1  $\frac{1}{4}$  in. nipples, 7 ft. 1 in. pipe, one 2 in. high pressure stop valve, one 1  $\frac{1}{2}$  in., and one 1 in., F. new bath room.
- Altering gas pipes and fitting new F. bath room, 48 ft.  $\frac{1}{2}$  in., 24 ft.  $\frac{1}{4}$  in. pipe, four  $\frac{1}{2}$  in. tee pieces, one  $\frac{1}{2}$  in. connecting piece, four  $\frac{1}{4}$  in. brass hose, cocks and burner pieces.
- Fixing steam bath, F., with 2 ft.  $\frac{3}{4}$  in., 13 ft.  $\frac{1}{2}$  in. pipe, two  $\frac{3}{4}$  in. round elbows, one  $\frac{3}{4}$  in. reduced socket, and one  $\frac{1}{2}$  in. steam valve.
- Fitting new stove front, M. dining hall.
- Making three plate hangers for new stoves in dining hall.
- Five hydrants new building. M., fitting and fixing 55 ft. 2 in. pipe, four elbows, two tee pieces, two nipples, one reduced socket 2 in., 14 ft. 1  $\frac{1}{2}$  in. pipe, one tee piece, and one reduced socket, 9 ft. 1 in. pipe, two elbows, and three fire cocks for hose.
- Taking down, altering, and refitting and fixing gas and water pipes, and fixing grating over hot water pipe, No. 6, M. W.
- Fitting and fixing 72 ft. 6 in. cast iron soil pipe, four tee pieces and two bends, and making ten double screwed straps and twenty  $\frac{3}{8}$  in. screwed nuts and plates, new building, M.
- Fitting and fixing one new water-closet, and removing and re-fixing one with new inside pan and syphon trap, No. 6, M. W.
- Fitting and fixing 40 ft. cast iron 2 in. stack pipe, and making four perforated plates to traps to take water off floors of lavatory and bath room, M. new building.



- Making two stay bars 2 ft. 6 in., for man hole No. 6, M. airing court.  
 „ one set of iron work for water closet, M., new building.  
 „ five iron cramps for new shed at farm.  
 „ iron band, two cramps, three stay hooks, and fixing iron smoke flue, new blacksmith's forge.
- Fitting and fixing 39 ft.  $1\frac{1}{4}$  in. pipe, one bend, six tee pieces, six sockets, and one high pressure stop valve, to supply No. 5, M. W., with cold water.
- Drilling one  $\frac{3}{4}$  in. hole in gas main, making two  $\frac{3}{4}$  in. bends, and fixing 11 ft.  $\frac{3}{4}$  in. pipe, and the connecting piece, to supply No. 6 Ward, M., with gas.
- Fitting four hot air register stoves, with cramps, chimney bars, &c., M., new building.
- No. 5, M. WARD—Taking down, and refitting and fixing water supply to two water closets and one new pan.
- Taking down old and fitting up new urinal.
- Taking down old slate scullery sink and fixing new iron one, 2 ft. 2 in. waste pipe, 19 ft.  $\frac{3}{4}$  in. pipe, five elbows, one reduced socket, and two  $\frac{3}{4}$  in. bib cocks, for hot and cold water.
- Fitting and fixing one new bath with 6 ft.  $1\frac{1}{4}$  in. pipe and two elbows, 80 ft. 1 in. pipe, one connecting piece, two tee pieces, with cocks and waste valve for hot and cold water.
- Fixing one large slop basin, with syphon, trap, and waste pipe.
- Fitting and fixing one 6-light starlight, with 4 ft.  $\frac{1}{2}$  in. pipe, one bend and elbows, one double clip and screws, in day room.
- Fitting and fixing 63 ft.  $\frac{1}{4}$  in. pipe, twelve elbows and four swing bracket lights, in bath room, scullery, and water closet.
- No. 2 STOREY MALE NEW BUILDING—Fitting and fixing two water closets, with 17 ft.  $1\frac{1}{4}$  in. pipe, and one tee piece, 6 ft. 1 in. pipe, two tee pieces, and one reduced socket, and 4 ft.  $\frac{1}{2}$  in. pipe, two elbows, and two stop cocks, with supply tanks, valves, &c.
- Fitting and fixing lavatory, with one large slop basin and syphon trap, 24 ft. iron pipe, one tee piece, and two bends; 44 ft.  $\frac{3}{4}$  in. pipe, two elbows, two bends, and two bib cocks, to supply hot and cold water. Fixing seven swing bracket lights, with glass globes.
- No. 3 STOREY MALE NEW BUILDING—Fitting and fixing two water closets, with 48 ft. 1 in. pipe, two elbows, and two stop cocks. Fixing seven swing bracket gas lights.
- Making one tie band, 20 lbs., to fix screwing post, and two 2 in. bolts and nuts, to fix vice and hood for forge, in smith's shop.
- Cutting three bars for copper furnace, at farm.
- NEW BATH ROOM, MALE—Fitting and fixing wrought iron tank, making one 1 in. flange, drilling four  $\frac{1}{2}$  in. holes, making four  $\frac{1}{2}$  in. bolts and nuts, fixing one  $\frac{3}{4}$  in. bend and cock, refitting 16 ft. 1 in. pipe, one connecting piece, and refitting and fixing 20 ft.  $\frac{3}{4}$  in. pipe, and two bib cocks.
- Fixing one 1 in. tee piece, 2 ft.  $\frac{3}{4}$  in. pipe, one elbow, and one bib cock.
- Fitting and fixing one new bath, with two  $1\frac{1}{4}$  in. cocks, waste valve, and connections; 110 ft. 1 in. pipe, six bends, four elbows, and one tee piece; two  $1\frac{1}{4}$  in. bends and reduced sockets, and one  $1\frac{1}{4}$  in. gun metal stop cock, high pressure, to supply hot and cold water.
- NEW SHOE HOUSE SKYLIGHT—Making two bars and drilling and countersinking 24 holes.



- Drilling and tapping two  $\frac{1}{2}$  in. holes, and fixing 20 ft.  $\frac{1}{2}$  in. pipe, two elbows, and two  $\frac{3}{4}$  in. bib cocks, and altering two windows, new bath room, F. W.
- Forging new guide rod and key for pumps at well.
- Making seven stumps, 75 hooks, with 9 ft. chain, for vermin traps.
- Making three large iron stays, to fix partitions, new bathing room, F. W.
- „ New iron work to hand truck for garden.
- „ Large dowels to fix stove, bracket and two plates to fix seats in chapel.
- Fitting and fixing gas lights, with two  $\frac{3}{8}$  in. nose cocks and burners, one  $\frac{1}{2}$  in. tee piece, and 4 ft.  $\frac{1}{2}$  in. pipe, No. 5 A. M. W.
- Water Closet at workshops, shoe house, and No. 6, M. Airing Court—Fitting and fixing 60 ft. 1 in. pipe, one bend, three tee pieces, and four reducing sockets; 40 ft.  $\frac{3}{4}$  in. pipe, three bends, one tee piece, 5 elbows, and bib cocks.
- GAS—Blacksmith's and Bricklayer's Shops, and Shoe House.—Fitting and fixing 70 ft.  $\frac{1}{2}$  in. pipe, three bends, three tee pieces, three reducing sockets, and one connecting piece; 26 ft.  $\frac{3}{8}$  in. pipe, two bends, two tee pieces, and one reducing socket; 60 ft.  $\frac{1}{4}$  in. pipe, three elbows, making three bends, and fixing three swing bracket lights, and one  $\frac{1}{2}$  in. stop cock.
- Making twenty-four wedges, to fix lead to roof of water closet; two lock plates and twelve striking plates.
- MALE BATH ROOM—Dressing Room.—Fitting and fixing 18 ft.  $\frac{1}{2}$  in. pipe, four elbows and nipple, and one reducing socket; 13 ft.  $\frac{3}{8}$  in. pipe, one elbow, one bend, two  $\frac{3}{8}$  in. nose cock and nipples, one  $\frac{1}{2}$  in. tee piece, and fixing gas light.
- Hot water apparatus for heating No. 5 and 6 F. Wards.—Fitting and fixing 200 ft. 1 in. galvanized iron steam pipe, twelve round elbows, two bends, three connecting pieces, five 1 in. back nuts, two  $\frac{3}{4}$  in. connecting pieces, with three back nuts; one 1 in. gun metal valve, one condense box valve, one wrought iron covered tank, 4 ft. 6 in. by 3 ft. 6 in., by 2 ft., and 3 in. cast iron treble steam coil.
- MEDICAL SUPERINTENDENT'S APARTMENTS—Fitting and fixing one cast iron sink, 50 ft.  $\frac{3}{4}$  in. pipe, twelve elbows, two bit cocks and 10 ft.  $1\frac{1}{2}$  in. pipe.
- Making new corner irons for hand rail, and pin and chain for farm gate.
- Cutting off ten irons for new shed (bricklayer), and making 60 irons, 2 ft. long, for same
- Making two iron caps to chimney pots
- „ and fixing two iron stays to refrigerator
- „ 25 irons to hang ladder and tools on in new tool shed
- „ two hooks for grate, and new standard for wire fence
- „ large iron cramp for roof of tool shed
- „ two blowers for stoves, M. W.
- ATTENDANTS' ROOM, No. 5, M.—Fixing one bracket gas light with 17 ft.  $\frac{1}{4}$  in. pipe, and four elbows
- Making one new end to guide rod, and twelve split keys for pump at well
- Cutting and fixing waste pipe to urinal at shoe house
- Making hand-rail for stoke-hole, 8 ft. long, at chapel
- „ two long hooks, two bolts and plates, staples and fastenings for barn doors
- „ cramps and bars, and fitting stove in visiting room
- „ twelve bolts and nuts, 2 ft. 6 in. long, and 24 plates and corner irons for new dining tables
- „ twenty-four  $\frac{1}{2}$  in. spike nails, and twelve plates, drilled and counter-sunk for padded room, No. 6, M.



**KITCHEN**—Alteration of steam and water supply pipes  
 Fitting and fixing 50 ft. of 2 in. wrought iron pipe and one connecting piece, with back nut, 40 ft. of  $1\frac{1}{2}$  in., 200 ft. of 1 in., and 100 ft. of  $\frac{3}{4}$  in. pipe. Two 2 in. round elbows, four tee pieces, three reduced sockets, and three nipples. One  $1\frac{1}{2}$  in. reduced socket, four  $1\frac{1}{2}$  in. tee pieces, twenty-four 1 in. round elbows, twelve back nuts, eight tee pieces, and one high pressure stop cock. Twenty-four  $\frac{3}{4}$  in. round elbows, and twelve back nuts. Six 2 in. rubber joints, and four condensed steam trap valves

**FEMALE GENERAL BATHING ROOM**—Fitting and fixing one hot water supply tank, 1 ft. 6 in. by 1 ft. One  $1\frac{1}{2}$  in. ball valve, two 2 in. nuts and nipple, two bolts and nuts, one elbow and nipple, 3 ft. 2 in. pipe, and one reduced socket and two elbows

Making twenty-one bolts and nuts and 527 pipe hooks, stay nails, &c., &c., for repairs and alterations

„ ten steel scrapers for painter, four pairs smith's tongs, two hand hammers, two dung forks, four hand chisels, two long chisels, hammers, &c., &c.

Forging 114 steel horse shoes, and changing and shoeing farm horses, &c.

General repairs to engines, boilers, washing and laundry machinery, hot water apparatus, tanks, steam and water cocks, and water closets, &c., &c.

## TABLE XVIII.

### CARPENTER'S SHOP.

**NEW CELLAR STORES**—Making and fixing one flight of stairs, 15 treads, match boarded. Two stollages for casks, 15 ft. by 2 ft., 4 ft. by 4 in., fixed on iron stands. Making four centres, 7 ft. by 4 ft. 9 in., and 5 ft. long. Fitting and hanging one door, and 14 sashes. Cutting out floor and joist for hatchway, 6 ft. by 2 ft. 8 in., and making and hanging trap door to same. Making and fixing one set of 5 shelves, 12 ft. 6 in. by 7 ft., 2 ft. 4 in. wide, grooved into end, with partitions  $1\frac{1}{2}$  in. deal. One soap rack, 8 ft. 6 in. by 7 ft., 3 ft. 6 in. wide, three shelves, seven rails, each with uprights and bearers, 3 ft. by  $2\frac{1}{2}$  in., deal. One cheese rack, 9 ft. 6 in. by 7 ft., 1 ft. 6 in. wide, 6 shelves, 4 rails each, and 6 uprights and bearers. One set of shelves, 8 ft. 8 in. long, 4 shelves grooved into ends. One shelf, 12 ft. 6 in. long, 2 ft. 4 in. wide. Lengthening and fixing bottle rack. One hop cupboard, 7 ft. 6 in. high, 4 ft. 4 in. by 2 ft. 6 in., with two doors. Re-fixing bacon cupboard, 8 ft. 6 in. by 6 ft., with new end. One set of shelves, 9 ft. by 5 ft., 4 in. wide, grooved into ends.

**OLD STORE ROOM**—Converting to housekeeper's store, taking down three sets of shelves, bacon cupboard, and salt racks. Making and fixing sixteen partitions. One cupboard, 7 ft. 6 in. high, 4 ft. 4 in. by 2 ft. 6 in., with two doors.

**DINING HALL, M.**—Taking down five cupboards and plate racks from wards, and re-fixing in dining hall. Making and fixing casing to W. C., and partition, 5 ft. 6 in. by 2 ft. 2 in.



Two towel rollers, broom and mop rack.

Fixing three cupboards and making two stands, 7 ft. 3 in. by 1 ft. 3 in.  
**BASEMENT, M.**—Making and fixing three door frames, 6 ft. 2 in. by 3 ft. 4 in., timber, 4½ in. by 3 in., and fixing three panels into doors, for single rooms, fitting and hanging same.

**BRICKLAYER'S TOOLS**—Making one triangular level, four hand floats, three awks, and one tool box, 18 in. by 14 in., and 12 in.

**No. 2, F.**—Taking up floor and joists, 9 ft. by 7 ft.

Making table top for pattern, 6 ft. by 2 ft. 3 in.

„ Dog kennel, 5 ft. 6 in. by 3 ft. and 3 ft.

„ Clothes horse, 4 ft. 6 in. by 3 ft. 6 in.

„ Shed for mowing machine, 7 ft. by 4 ft. by 4 ft., with roof for slates and door, 5 ft. by 4 ft.

„ Cupboard for harness and fixing same in stable, 5 ft. long, 6 ft. 3 in. high by 1 ft. 8 in., with two ledge doors, and saddle peg.

Taking up and re-fixing flooring for gas, in 1, 2, 3, and 4 M. W.

Making and fixing two hand rails for stairs, 10 ft. long, 2½ in. by 2¼ in.

**NEEDLE ROOM**—Taking down shelves and cupboards, 25 ft. long, taking out window and shoring up floor. Laying floor, 2 oak plates, 25 ft. long, 4 ft. by 2 in., 22 joists, 12 ft., 4½ ft. by 2½ in. Boarding, 25 ft. by 12 ft., 1 in. deal.

Making and fixing one large cupboard, 11 ft. 3 in. high, 8 ft. wide, 4 ft. deep, with five shelves, 8 ft. by 4 ft., with one partition, four panel doors, 6 ft. 2 in. by 3 ft. 10 in., and two panels, 4 ft. by 3 ft. 10 in., made to slide on brass wheels, match boarded back and sides, and moulding round front.

Altering and fixing one dwarf cupboard, 14 ft. by 2 ft., 3 ft. high, with shelves fixed on top, 5 ft. high. Making and fixing moulding round window and shelves.

Making mould for bricklayer, 4 ft. by 3 ft. 11 in.

**NEW FEMALE DINING HALL**—Fixing two sets of casing to W. C.'s. Cutting out hole in roof for sun light; altering two sets of shelves; taking down five plate racks, and refixing same, and one large cupboard. Making and fixing one broom rack. Making two stands, 7 ft. 3 in. by 1 ft. 3 in. Making and fixing two frames to ventilators, 2 ft. by 11½ in. deep, and 6 in. deep.

Making one large table, 10 ft. long, 4 ft. wide, 2 ft. 6 in. high, 1½ in. top. Making and fixing one dresser top, 15 ft. long, 2 ft. 6 in. wide, 1½ in., with four legs and bearers and two counters, 6 ft. 4 in. long, 2 ft. 6 in. wide, each with frames to rest on. Making and fixing one set of five shelves, 4 ft. by 1 ft. 6 in., 7 ft. high, 1 in. deal. Making and refixing cupboard, with four doors and five shelves, 6 ft. 6 in. by 4 ft. 3 in. and 1 ft. 10 in.

Fixing joists and floor, 14 ft. long, 2 ft. 8 in. wide, lower engine house.

Making and fixing one window frame for meat stores, 4 ft. 5½ in. by 3 ft. 5½ in.

**THIRD STOREY, MALE W.**—Making two sets frame work for bath, 7 ft. by 2 ft. 2 in., seven panels each side, and two taps 7 ft. 3 in. by 3 ft.

Making and fixing cupboard in steward's store, 2 ft. 2 in. by 1 ft. 4 in., with two doors and shelves.

**No. 6, M.**—Making and fixing two sets casing for W. C., 6 ft. 6 in. by 18 ft. and 8 in.

Making and fixing four hand rails, 10 ft. long 3 ft. by 2½ in., oak



- THIRD STOREY, M.**—Making one top, with six holes, for washing basins, 10 ft. by 18 in., and one with four holes, 7 ft. long by 18 in.  
 Making and fixing broom rack, 5 ft. 4 in., and two sets shelves each 6 ft. 6 in. high by 7 ft. 7 in., with uprights and bearers, for No. 6, M., Clothes Store.
- MALE CORRIDOR**—Making and fixing two sashes, 3 ft. 3 in. by 2 ft. 11 in., and one lintel, 4 ft. 6 in. and 11 in. wide, for bath room.
- BLACKSMITH'S SHOP**—Making and fixing bench, 9 ft. long by 2 ft. 3 in. wide, and two drawers 2 ft. by 19 in.  
 Making copper lid for bath room at cottages, and ventilator in roof, 2 ft. 10 in., 1 ft. 10 in. wide, 2 ft. 8 in. high, sides open.
- Making and fixing one trough to tank in garden, 12 ft. long, 12 ft. by 9 in. deal. Making three troughs to carry water intanks, 7 ft. 3 in., 17 ft., and 15 feet long. Making pigeon house, 4 ft. 6 in. by 4 ft., 14 holes, and fixing same.
- NEW STORES**—Fixing 16 iron bars in windows, and perforated zinc on doors.  
 Making six hen coops and repairing 39 hurdles.
- No. 5, M.**—Making and fixing one top, with eight holes, for washing basins, 12 ft. long by 18 in., fixed on bearer and legs; and one top for waste pan, 5 ft. by 1 ft. 10 in. Taking out four circular headed sashes and re-fixing ditto. Re-fixing plate rack. Fixing wood work to bath, two sides and ends with door and top. Making and fixing shelves for clothes store, three uprights and four rails 6 ft. 6 in., 3 ft. 2 in. by 3 ft. Four shelves, each 10 ft. 2 in. long, eight bars on each. Making and fixing casing to W. C., 7 ft. 2 in. by 2 ft. 2 in.
- FARM**—Preparing posts and fixing up one shed, 30 ft. long, 12 ft. 6 in. wide; 25 rafters 14 ft. 6 in. long, 4 in. by 2 in.
- SECOND FLOOR, NEW M. WING**—Making and fixing set of casing to W. C., 7 ft. 2 in. by 2 ft. 2 in.; and two sets 6 ft. high, 18 in. by 11 in. Fixing one top, with waste pan, on bearers, 10 ft. 7 in.; and one top for washing basins, 7 ft. long.
- Making two mashing oars for brewhouse.
- No. 6, M. W.**—Making and fixing three sets linings for shutters, 6 ft. high, 9 in. by 1½ in. Making and fixing two circular headed shutters, 5 ft. 7 in. by 3 ft. 2 in.
- NEW SHOE ROOM.**—Making and fixing skylight, 8 ft. 4 in. by 5 ft. 7 in. Preparing and fixing two roofs, 10 ft. and 22 ft. long, with valley and girder under plate to carry roofs and gutter.
- GARDEN**—Making cart, 4 ft. by 2 ft. 6 in., and 1 ft. 8 in. Preparing and fixing roof to closet, 10 ft. by 4 ft. 4 in.
- CHAPEL**—Making one centre, 7 ft. 4 in. by 7 ft. 4 in., covered with 1 in. boarding.
- BATH ROOM, F. SIDE**—Making and fixing three partitions, 8 ft. by 6 ft. 6 in. each. Making and fixing four sets frame work for bath sides, 7 ft. 4 in. by 22 in., and top 7 ft. 4 in. by 3 ft.
- FEMALE BASEMENT**—Making platform under tank, 5 ft. by 4 ft.
- HOUSEKEEPER'S CLOTHING STORE**—Making and fixing large cupboard, 11 ft. 2 in., 8 ft. wide, and 4 ft. deep; five shelves, 8 ft. by 4 ft.; and one partition, 11 ft. by 4 ft., with four doors. Making and fixing one set of five shelves, 7 ft. by 8 ft., 21 in. wide, and two partitions; one set, 8 ft. 8 in. by 8 ft. high, 11 in. wide, five shelves and three partitions; one set 9 ft. 6 in. by 8 ft. 11 in. wide, 17 shelves and 3 partitions; and one set 10 ft. 3 in. by 8 ft. high, 22 in. wide, five shelves and three partitions.
- Making three oak frames and slides for drains at farm, and six do. for iron gratings in stable yard.



Cutting out 438 ft. run of battens for bricklayers.

FEMALE DINING HALL—Making frame and flap for wash tank, 6 ft. by 4 ft. 6 in. 9 in. by 3 in.

Making dog kennel, 6 ft. by 4 ft., with roof and door.

GARDEN TOOL SHED—Preparing and fixing roof, 26 ft. long, 24 rafters, 10 ft. 4 in. and 2½ in.

CARPENTERS' AND BRICKLAYERS' SHED—Preparing and fixing roof, 50 ft. long, front plate 50 ft., 6 in. by 6 in.; one post in centre, top plate 50 ft., 4 in. by 3 in.; one purline, 50 ft., 6 in. by 4 in.; six tie beams, 2 ft., 7 in. by 4 in.; and 41 rafters, 14 ft., 4 in. by 2½ in.

FARM.—Making and fixing one pair barn doors and frame, 8 ft. by 9 ft. 6 in.; frame timber, 9 in. by 2½ in.; doors, 2½ in. Fixing floor in meal room, 18 ft. by 9 ft., 1½ in. board; 15 joists, 9 ft., 3 in. by 2½ in. Fixing 50, 10 ft. lengths of post and rails in park.

Making and fixing one broom rack, 6 ft. long, in No. 5; and two shelves 8 ft. by 11 in., in No. 6, M.

DINING HALL, M.—Making one coal box, 6 ft. by 22 in. and 22 in., 1½ in. deal, on castors.

No. 6, M.—Making one linen box, 2 ft. 6 in. by 20 in. and 20 in.

No. 5, M.—Preparing and laying down floor, 8 ft. by 6 ft., 1 in. boards, seven joists, 4 in. by 2½ in.

Making oak slide for tank in garden, 4 ft. by 14 in.

DINING HALL, F.—Altering nine seats from 10 ft. to 13 ft. long. Making four table tops to fit on iron stands, each 13 ft. by 2 ft. 6 in., 1½ in. white deal.

CENTRE BUILDING.—Making and fixing one circular headed door and frame with 9 in. moulding each side, upper panels rabbetted for glass.

Making two ladders, 12 ft. long, 15 treads in each.

„ one window frame and fixing same in barn, with iron sash.

„ coal box, 4 ft. by 2 ft. 6 in. and 2 ft. 4 in., 1½ in. deal, for F. dining hall.

„ one trough for farm, 18 ft. long, 6 in. by 4½ in., with three stays.

„ 68 handles to mops, brooms, tools, &c.

„ 61 coffins during the year.

## TABLE XIX.

### BRICKLAYER'S WORK.

Cutting out wall at boiler house, 3 ft. by 5 ft., and fixing two steps for cleaning boiler flues, and opening bricked up, 4 ft. by 3 ft.

Gas pipes, valves, condenser, and two purifiers taken down, and partition wall bricked up 12 ft. by 10 ft. at gas house

No. 6, F. W.—Gallery and single room ceilings whitewashed, walls of three dormitories, scullery, bath room, and single room pointed in cement

„ New sitting room, two hearth stones taken up, repairing back, and refixing grate

COTTAGES—Two iron gratings fixed in brickwork

FEMALE AIRING COURT—Manhole, 3 ft. by 2 ft. 6 in. and 3 ft. built in



**NEW DINING HALL (M.)**—Water closet, urinal, and drains fixed. One stone base to stove, and four stoves fixed. Four flues cased, and soot door openings bricked up. Slop pail fixed in scullery, and slate partition at water closet. Drain put in, and man-hole built for new sinks. Two sinks fixed,  $7\frac{1}{2}$  ft. long, and three brick piers, 2 ft. 6 in. by 2 and 3 feet. Traps, pipes, and slate partition fixed, and ceiling repaired. Stove fixed, and back cemented

**No. 6, F. AIRING COURT**—Drain opened and cleaned

**No. 2, F. WING**—Four holes cut through walls for water pipes

**FEMALE DINING HALL**—Brackets and two iron cisterns fixed. Two slate partitions fixed and floor made good at water closet. Three grates fixed. Cementing 60 square ft. backs of stoves and sinks. Two stoves with stone base fixed. Kitchen range fixed in carving-room. Two sinks fixed, 7 ft. 6 in., and three brick piers, 2 ft. 6 in. by 2 and 3 feet. Partition wall taken down between scullery and carving-room. Ceiling made good, 15 ft. by 12 in. Two side walls, 12 ft. high by 9 in. Floor paved 15 ft. by 3 ft. Four chimneys made good, and holes left for soot doors

**BARN FLOOR AT FARM**—Ground levelled, rammed, and paved with kiln bricks, 70 yards superficial. Side wall built, 20 ft. by 3 ft. 6 in. Two oak sills, 10 ft. each. Brickwork for base of horse-power chaff-machine, 4 ft. square, 3 ft. deep. Pointing and lime whitening two walls

**LAUNDRY**—Drain opened and cleaned, and brickwork and stones taken up, new cast iron top fixed to apparatus, and again made good

**F. DINING HALL**—Roof opened for sunlight and again made good. Grate bottom and grate fixed

**COTTAGES**—Brick oven taken down. Partition wall and floor taken up. Wall rebuilt 10 ft. by 10 ft. Floor paved 10 ft. square with tiles. Bath fixed on brick walls, and drain laid. One 20 gallon copper fixed, and chimney built. Walls repaired and whitewashed

**FEMALE SLEEPING GALLERY**—700 ft. brickwork pointed and prepared for painting

**3RD. STOREY (M.)**—Cutting out gas pipes and through walls for gas and water pipes. Again made good

**CHAPEL**—Roof repaired

**BEER CELLAR**—Floor taken up and drains cleared

**ROOF**—Slating repaired in centre building, and 3rd Storey F.

Large tank in laundry drying yard pumped and cleaned out

**KITCHEN** floor taken up and relaid, and brickwork made good back of boilers. Man-hole built and grating fixed

**LAUNDRY** pump refixed, and floor relaid

**LOWER WELL**—Drain repaired, floor cemented, and new drain laid

**F. NEW BATH ROOM**—Floor taken up and relaid, 40 ft. long by 3 ft. wide. New drain laid, 40 ft. 6 in. Pipes and man-hole built. Four baths fixed on brickwork. Four brick piers, and wall cut through for water pipes

4,693 square feet walls pointed near new bath room, F.

**M. DINING ROOM**—Range taken out and stove fixed

**CHICKEN HOUSE** at farm walled in, 34 ft. by 6 ft., floor paved, 46 ft. by 7 ft., doorway cut, and roof repaired

**TANK** in garden cemented, 4 ft. by 4 ft., and 1 ft. brickwork on top

**NEW BUILDING (M.)**—Slate partition and walls cut through for water pipes and drains fixed, &c., to supply water and carry off waste from two closets, urinal, slop pail, and sink



- No. 6, F. AIRING COURT—Drain opened and cleaned. Boiler, Roman bath, laundry, and kitchen chimney flues opened for sweeping, and bricked up again
- No. 6, M. WATER CLOSET—Slate partition fixed, two syphon pipes and new drain laid, and floor paved
- No. 3 STOREY (M.)—Two water closets, two slate slabs, and two drains fixed. Floor concreted and paved, 8 ft. by 5 ft., skirting fixed, 36 ft. of 6 in. Three floors cut through, and pipes fixed for slop pail, and taking waste water from floors. Two holes cut through wall for hot water pipes to bath, sink fixed and pipe made good to drain
- BOILER HOUSE—Back and two bridges bricked up
- NEW BUILDING (MALE WING)—Four new water closets fixed. Two slate partitions drilled for water pipes and fixed. One urinal fixed. Two closet floors concreted and paved, 9 ft. by 7 ft. Skirting in closets, lavatory, and scullery fixed, 60 ft. of 6 in. Water pipes cemented in, and ceilings made good
- „ M. 3RD STORY—Four stoves fixed. Corridor and passage paved with red and black tiles, 60 superficial yards. Four ventilating flues opened and cemented round. Man-hole and iron frame fixed in corridor floor, over gas and water pipes
- No. 1, F. W.—Two closet pans fixed
- MALE BATH ROOM—Bath fixed. Wall, 6 ft. square, cut out and arched. Iron tank fixed and drain made good
- FIVES COURT built. Front wall, 30 ft. by 25 ft., one wing, 25 ft. by 16 ft., other, 25 ft. by 36 ft., ramped down to 16 ft. Ground levelled, 30 ft. by 36 ft., concreted and paved with 6 in. tiles. Front wall cemented, 25 ft. by 30 ft. Trench dug out and filled in, 30 ft. Embankment and 6 ft. path made 30 ft. long
- SHOE ROOM—Walls built up roof high. Man-hole built in fitting shop, 7 ft. 6 in. deep, by 2 ft. 6 in. square, for pipe screwing. New floor laid. Doorway bricked up. Second door-frame fixed. Fire-place and grate fixed and doorway cut. Bench and shelves in bricklayer's shop
- No. 6, M. AIRING COURT—Wall built, 150 ft. by 14 ft., thirteen piers, 13 ft. by 9 in., and double coping fixed. New water closet built. Three walls, 12 ft. by 8 ft. each, and 24 ft. double coping. 150 ft. cemented. 64 ft. brick paving. Cast iron closet and urinals fixed. Drain opened and made good, and for water supply. Old water closet and urinal taken down. Window bricked up, 6 ft. 6 in. by 3 ft. 6 in. Bricks cleaned and wall repaired, pointed, and coloured. Ground opened, 30 ft. by 2 ft., water pipe and valve taken out, walling and steps taken down, and wall made good, 6 ft. by 2 ft. Ten new steps built, and side walls, 18 ft. by 4 ft., brick on edge. Coping 36 ft. 64 ft. brick paving. Four yards of earth removed to form a slope. Wall, 120 ft. long, 10 ft. high, taken down and carted to garden, with 16 tons of Bath stone
- SHOE ROOM (OLD)—Walls, slates, and timber taken down and carted to garden
- „ (NEW)—Three walls built 3 ft. higher. Two walls repaired. New drain dug out, and pipes laid for stack pipe and sink. Two bricked holes for gas and water valves, 2 ft. square. Ground opened and filled in again for water pipe, 30 ft. by 2 ft. Sink fixed on two 18 in. piers. Ground levelled, 30 ft. by 13 ft., concreted and paved with 6 in. tiles. Three holes cut through walls, and made good, for gas and water pipes. 18 holes, cut and made good, for fixing shelves



- CHAPEL—Heating apparatus taken out. Earth dug out  $7\frac{1}{2}$  ft. square,  $8\frac{1}{2}$  ft. deep, and walls 16 ft. deep by 18 in. underpinned. Air shaft bricked up 9 ft. square,  $8\frac{1}{2}$  ft. deep, and iron grating fixed. Door frame and wall cut out, 8 ft. by  $3\frac{1}{2}$  ft., and 5 ft. square excavated for coke place. Drain, 6 ft. deep, 50 ft. long opened, and pipes laid. Two man-holes and one trap fixed
- „ Heating apparatus re-fixed. Wall built,  $7\frac{1}{2}$  ft. by 7 ft. Seven brick steps and two wing walls, 6 ft. by 5 ft., and brick-on-edge coping fixed, 20 ft. long. Doorway bricked-up and door frame re-fixed. Floor for stoking, &c., paved, 42 superficial ft. Apparatus arched in with brick,  $7\frac{1}{2}$  ft. square
- „ Porch concreted and paved,  $7\frac{1}{2}$  ft. square. Door frame fixed and cased up each side, 8 ft. high. Walls made good in porch. Iron ventilator taken out and bricked up. Second ventilator bricked up each side. Stone taken up 8 ft. square and re-laid. Apparatus flue cased up 8 ft.
- COAL YARD (M.)—Floor taken up, bricks cleaned. Seven cartloads ballast levelled, and bricks re-laid, 34 ft. by 19 ft.
- DINING HALL—90 yards of brick paving, six man-holes and traps fixed outside
- No. 5, M. SLEEPING APARTMENT—500 yards ceiling lathed and plastered 3 coats. Foundation excavated and wall built, 45 ft. by  $4\frac{1}{2}$ , and coping fixed. 50 ft. of brick paving
- BATH ROOM (F.)—80 yards of plastering, with Keene's cement. Floor taken up and drain re-laid 20 ft. Two man-holes, 18 in. square and traps fixed. 50 ft. of paving made good over drain. Trap taken up, and floor made good 4 ft. square. Two air gratings taken out and Arnott's ventilator fixed in chimney. Eight holes drilled in floor for fixing bath
- BACK YARD (M.)—96 yards of brick paving laid round dining hall and embankment turfed. Brick guttering laid from corridor to workshops, 60 ft. long, 4 bricks wide. 40 yards of brick paving laid, and 2 man-holes and traps fixed adjoining corridor and No. 5, A., and embankment levelled and turfed
- VEGETABLE STORE—Two walls, 6 ft. by 6 ft., taken down and hot water boiler taken out and new one fixed. Steam channel from boiler house excavated, 2 ft. by 20 in. Two brick walls, 4 courses high, with paved bottom and covered with brickwork, 2 ft. wide. Three walls cut through and made good. Floor taken up and channel continued through vegetable store, 45 yards long. New boiler bricked in with 2 ft. 9 in. walls, 12 ft. long, 4 deep. Stoke-hole filled up and paved, 20 ft. long, 10 wide, and cemented.
- STABLE YARD—30 yards brick paving, 8 yards of tile paving, and wall built 20 ft. long by 18 in.
- STEWARD'S STORE—Brickwork at fireplace taken out. Stove and hearth-stone fixed, and brick work rebuilt, 4 ft. by 4 ft.
- DRAINAGE IN PARK—300 yards of 10 and 12 in. drain pipe taken up. 220 yards of new drain, 10 in. pipes, relaid. Three wood frames with slides fixed. Two trap doors, with frames, and brick man-hole built, 4 ft. by  $2\frac{1}{2}$  ft., 5 ft. deep
- WASH TANK F. SIDE built, 4 ft. by 3 ft. and 3 ft. deep, cemented, and 8 yards of paving laid
- BRICKLYER'S SHED built, 50 ft. long, and slated in. Gardener's tool place, 30 ft. long, and closet 6 ft. 3 in. long. 20,000 bricks cleaned and used
- Floor taken up, and brick man-hole and iron frame over gas valve re-laid in corridor adjoining kitchen. Tile floor opened in four places



- over gas pipe and made good in corridor adjoining surgery, and in three places in M. corridor. Wall cemented in two places, 6 ft. by 2 ft. 3 in.
- No. 2, M., WATER CLOSET—Urinal taken out and new one fixed
- NEW SHOE ROOM—Urinal fixed
- CENTRE BUILDING—Earthenware chimney-pot taken down, and replaced by a zinc one
- BOILER HOUSE—Bridge built of fire bricks
- DINING HALL (M.)—Four ventilators taken out
- STABLE YARD—Brick Wall, 12 ft. by 2 ft., for dung
- DINING HALL (F.)—Chimney cut out, and two flues joined at scullery range
- KITCHEN—Floor and earth taken up, and steam and water pipe taken out, 20 ft. by 4 ft. Brick drain laid 6 ft. long. Nine man-holes, with iron frames, and nine condense steam pots fixed and connected to steam boiler. Drain under ground. Chimney-piece cut in 4 places for steam and water pipes. Wall, 8 ft. long, built under boilers, and casing at back built up 15 ft. by 2 ft. Chimney piece worked out and cemented. Steam and water pipes cemented in and floor made good with 6 in. tiles, 10 ft. by 4 ft. Floor taken up and re-laid, 45 ft. by 6 ft.
- VISITING ROOM—Stove taken out—grate, hearth-stone, and chimney piers built in
- COMMITTEE ROOM—Wall cut through and two iron gratings fixed. Floor cut and grating, 2 ft. 4 in. by 1 ft. 6 in. fixed
- SUPERINTENDENT'S OFFICE—Floor cut, and grating, 2 ft. 4 in., by 1 ft. 6 in. fixed
- FEMALE DINING HALL—Wall cut through. Cold air flue built, and soot door fixed in chimney
- MALE AIRING COURT—New drain, with syphon pipe, 8 ft. long, from stack pipe fixed
- Lime whitening out houses, cleaning drains, water pipes, stack pipes, guttering, &c., &c.

## TABLE XX.

### PAINTER'S SHOP.

- COMMITTEE ROOM—Water closet, taking out old lead pipe and replacing with new
- Fourteen sashes glazed for new cellar stores
- NEW DINING HALL—Altering and refixing lead pipe to water closet pan
- FEMALE WARD, No. 6—389 square yards wall scraped and painted 4 coats. 327 yards painted 1 coat. 516 yards red band, 2 in. deep. Eight doors and frames, shutters and cupboards, cleaned, touched-up, and varnished. Twelve windows and frames, 1 coat. Twelve ceilings washed, sized, and white-washed
- Eight lamps painted, varnished, and lettered
- Six clothes presses, 6 ft. 6 in. by 6 ft. 3 in. sized and varnished 2 coats
- Seven easy chairs and four work baskets, 1 coat japan
- NEW MALE BATH ROOM—Four doors and frames stained, sized, and varnished. One ditto 4 coats paint, varnished



Four windows, 2 coats paint, and 40 ft. of iron pipe 1 coat  
 DOG KENNEL—17 ft. 6 in. by 11 ft., painted 2 coats  
 HARNESS CUPBOARD—10 ft. 6 in. by 6 ft., stained, sized, and varnished  
 Five chests of drawers sized and varnished  
 New lead cowl and flange, weight, 24 lbs.  
 LAWN MOWER SHED—16 ft. by 4 ft., painted 2 coats.  
 SUPERINTENDENT'S APARTMENTS—Library floor, 86 ft. by 9 in., and  
     Dining-room, 72 ft. by 16 in., varnished  
 Seven flower baskets painted and varnished  
 NEEDLE ROOM—Ceiling washed, sized, and whitewashed  
 Nos. 3 AND 4, F. WARDS—Two day and three single rooms painted 1  
     coat, 62 square yards. One single room, scraped and painted 4  
     coats, 16 square yards and 296 yards red band. Thirteen  
     square yards of wood work stained and varnished  
 TOP GALLERY F. SIDE—795 square yards wall scraped and painted 4  
     coats, and 2,317 yards red band. The whole of ceilings  
     washed, sized, and whitewashed; upper part of walls coloured;  
     partitions in W. C. stained, sized, and varnished, 6 square  
     yards  
 Thirty picture frames stained, varnished, and glazed, 2 ft. 8 in. by  
     2 ft. 2 in.  
 PIGEON HOUSE painted 3 coats  
 LAUNDRY—New water shoot painted 3 coats, pump repaired and pipe  
     lengthened  
 Two mattresses painted 4 coats for padded room  
 Six baths lettered Hot and Cold Water  
 Two settees varnished, and framework of 8 new tables, 2 coats  
 Fixing lead pipe to steam bath  
 BASEMENT, F. WING—425 square yards wall scraped and painted 4 coats.  
     474 yards red band. Eight ceilings washed and whitewashed  
 STEWARD'S SITTING AND BED-ROOMS, AND HOUSEKEEPER'S ROOM—  
     Ceilings washed, sized, and whitewashed, doors and windows  
     cleaned and varnished, floors stained round 16 yards, and  
     paper cleaned and repaired  
 GARDEN AND LAUNDRY—Pumps repaired  
 FARM HOUSE—Three doors and frames, and two cupboards stained,  
     sized, and varnished  
 Three squares Hartley's rough plate glass in bath room, &c.  
 Stand for bagatelle board stained and varnished  
 No. 5, M. WING—Lead pipe cut and fixed to 6 W. C.  
 CHAPLAIN'S ROOM—Wood work cleaned and varnished, 25 square  
     yards  
 OUTSIDE PAINTING (centre building)—55 windows, 6 doors and frames,  
     94 yards spouting, 44 yards  $3\frac{1}{2}$  in. pipe, prepared and painted  
     2 coats  
 New step ladder sized and varnished  
 NEW CELLAR STORES—Two doors and frames, hop cupboard, 6 windows,  
     2 iron and 1 wood girder prepared and painted 4 coats  
 Two windows, 1 door and frame, 4 gratings, and 2 iron pillars, 2 coats  
 No. 5, M. W.—Twenty-four squares glass taken out and replaced with  
     Hartley's rough plate  
 New lead light made for cottage, 3 ft. 6 in. by 19 in.  
 GLASS ROOF over bakehouse, 5 squares Hartley's rough plate fixed, 4 ft.  
     by 2 ft.  $1\frac{1}{2}$  in., roof cleaned and painted 1 coat  
 CENTRE BUILDING—Two skylights, 10 ft. by 5 ft., prepared and painted,  
     2 coats  
 WORKSHOPS—Two skylight, 7 ft. by 4 ft., painted 2 coats, and 5 doors  
     and frames 3 coats



- OUTSIDE PAINTING—Eight doors and frames painted three coats, 11 windows 2 coats, and 63 yards guttering, and 50 ft.  $3\frac{1}{2}$  in. piping cleaned and painted round stable yard
- NEW SHOE ROOM—New lead gutter, 17 ft. by 2 ft. 2 in., lead valley, 10 ft. by 1 ft. 4 in., lead flashing stepped-up wall, 38 ft. by 8 ft., head pipe, 2 ft. by 3 in., made and soldered in gutter
- New skylight glazed and flashed all round, and painted 3 coats
- BLACKSMITH'S SHOP—Seventeen squares rough plate glass in window 2 ft. 3 in. by 2 ft.
- MALE WARDS—One circular square glass, 3 ft. by 1 ft. 8 in., in passage
- No. 6, M. AIRING COURT—108 squares glass taken out of 3 windows and replaced with Hartley's rough plate. Lead gutter fixed over W. C., 10 ft. by 1 ft. 8 in.
- Vegetable cart painted 3 coats
- Four chests drawers, 3 wash stands, and 1 night chair painted 3 coats, and 6 chairs stained and varnished
- GREEN HOUSE—Glass repaired and wood work painted 3 coats, 120 square yards
- BARN—Painted 3 coats, 201 square yards
- FARM BUILDINGS—Three squares rough plate glass, 7 ft. 2 in. by 2 ft.,  $\frac{1}{2}$  in. thick, fixed
- MALE CORRIDOR (Roof)—One square Hartley rough plate glass fixed, 7 ft. 2 in. by 2 ft.
- FEMALE WING—One ditto ditto, 5 ft. 3 in. by 20 in.
- SEATS—Eighteen prepared and painted 2 coats, for terraces
- LOWER WELL—Gate and posts painted 3 coats
- NEW STORE ROOM—Twenty-eight square yards of wood work stained, sized, and varnished, walls coloured and ceiling whitewashed
- NEW CHAPLAIN'S ROOM—Paper cleaned off wall 49 square yards, sized, and re-papered, ceiling whitewashed, moulding picked in door, frame, window, skirting, and 12 in. round floor cleaned and varnished, cupboard and book shelves stained and varnished
- One Linen box, 2 ft. by 22 and 19 in., and 1 coal box, 3 ft. 6 in. by 24 and 22 in., stained and varnished
- CHAPEL—The whole of the seats, doors, &c., cleaned and varnished, 600 square yards, 4 chairs, 2 doors and frames painted 3 coats, 12 square yards
- ASSISTANT MEDICAL OFFICER—Book shelves stained and varnished
- M. DINING HALL—Two squares rough plate glass, 3 ft.  $4\frac{1}{2}$  in. by 1 ft. 10 in.
- FEMALE CORRIDOR—One square horticultural plate, 7 ft. 2 in. by 2 ft.,  $\frac{1}{2}$  in. thick
- KITCHEN PASSAGES—183 yards by 4 ft. 8 in. painted 2 coats, with red band round ceiling, and upper part of walls whitewashed. Wood work and 15 windows cleaned, touched-up, and varnished, 165 square yards
- FARM BUILDINGS—Sash glazed  $3\frac{1}{2}$  ft. by  $2\frac{1}{2}$  ft.
- COMMITTEE ROOM, lunch room, closets and centre passages cleaned, touched-up and varnished, 436 square yards
- 194 panes glass, various sizes, stopped in windows, picture frames &c.
- Repairing water closets, spouting, culinary utensils, &c., &c.

## TABLE XXI.

## FEMALE PATIENTS' WORK.

*Manufactured and Repaired during the Year 1867.*

Name of Articles.	Made.	Repaired.
Sheets... ..	545	3668
Pillow Cases... ..	349	2807
Shirts... ..	456	6218
Men's Stockings... ..	.....	4626
Women's do... ..	.....	11244
Blankets... ..	.....	667
Counterpanes... ..	.....	1228
Flannel Jackets... ..	99	809
Do. Drawers... ..	63	988
Shifts... ..	307	4157
Do. Flannel... ..	48	1124
Gowns... ..	483	3631
Bed gowns... ..	79	2238
Flannel Petticoats... ..	61	2186
Upper do... ..	131	2124
Aprons and Pinafores... ..	372	3290
Neckerchiefs... ..	824	987
Pocket Handkerchiefs... ..	649	165
Women's do... ..	.....	1241
Do. Nightcaps... ..	.....	857
Towels... ..	362	773
Stays... ..	16	2120
Attendants' Uniform Dresses... ..	128	144
Do. Caps... ..	21	7
Do. Collars and Cuffs... ..	338	84
Do. Aprons... ..	15	2
Men's Working Frocks... ..	25	379
Table Cloths... ..	2	132
Shrouds... ..	84	.....
Hoods... ..	140	.....
Sundries... ..	407	196



## TABLE XXII.

*Showing the Laundry Work for the Year 1867.*

NAME OF ARTICLES.	Number of Articles.	
	Males.	Females.
Sheets.....	19344	33642
Pillow Cases.....	14121	17389
Bolster Cases .....	.....	64
Blankets.....	592	610
Counterpanes .....	695	1106
Shirts .....	26498	.....
Shifts .....	.....	34102
Flannel do.....	.....	2015
Gowns (Print, Winsey, and Strong) .....	.....	8518
Stockings, Cotton (pairs).....	12179	25555
Flannel Jackets .....	3770	.....
Drawers (Cotton and Flannel).....	13178	94
Day Caps .....	825	4296
Night Caps .....	.....	3497
Bedgowns .....	.....	12555
Under Petticoats.....	.....	4758
Upper do. ....	.....	3955
Aprons (Check and Coarse) .....	1225	22622
Neckerchiefs.....	9552	4661
Pocket Handkerchiefs .....	7586	2282
Jackets .....	982	.....
Waistcoats.....	1085	.....
Trowsers.....	3893	.....
Towels .....	.....	5066
Do. Bath.....	5	7162
Do. Round .....	6971	5024
Water Sheets .....	2457	657
Strong Rugs .....	168	204
Shawls .....	.....	283
Stays .....	.....	1230
Ticken Frocks .....	117	.....
Table Cloths .....	1728	1328
Hoods .....	.....	541
Mattresses, Cases .....	115	318
Men's Garden Frocks .....	1735	.....
Boys' Dresses.....	148	.....
Toilet Covers.....	20	239
Tea Cloths.....	2014	1782
Sundries.....	250	2541
Average No. of articles for each Patient per Week .....	10.4	12.8
Officers .....	9649	
Servants and Attendants .....	38401	



TABLE XXIII.  
DIET SCALE.

	BREAKFAST, At 8.0 A.M.				DINNER, At 1.0. P.M.												SUPPER, At 6.0 P.M.									
	Males.		Females.		Males.						Females.						Males.		Females.							
	Bread.	Cocoa.	Bread.	Cocoa.	Bread or Dumpling.	Beer.	Uncooked Meat.	Suet Pudding or Pie.	Mutton Broth.	Irish Stew.	Vegetables.	Bread or Dumpling.	Beer.	Uncooked Meat.	Suet Pudding	Baked Pie.	Plum Pudding.	Mutton Broth.	Meat Stew.	Vegetables.	Bread.	Sweet Cake or Butter.	Coffee.	Bread.	Sweet Cake or Butter.	Tea.
Sunday.....	6	1	5	1	6	$\frac{1}{2}$	6	12	...	...	16	5	$\frac{1}{2}$	8	...	...	...	...	...	12	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Monday .....	6	1	5	1	6	$\frac{1}{2}$	4	...	1	...	8	5	$\frac{1}{2}$	4	8	...	...	...	...	12	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Tuesday .....	6	1	5	1	6	$\frac{1}{2}$	2	16	...	...	8	...	$\frac{1}{2}$	2	...	12	...	...	...	8	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Wednesday ..	6	1	5	1	6	$\frac{1}{2}$	8	...	...	...	16	5	$\frac{1}{2}$	4	...	...	...	...	1	12	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Thursday .....	6	1	5	1	6	$\frac{1}{2}$	4	...	...	...	8	...	$\frac{1}{2}$	...	...	...	12	...	...	...	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Friday .....	6	1	5	1	6	$\frac{1}{2}$	2	16	...	...	8	5	$\frac{1}{2}$	4	8	...	...	...	...	12	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Saturday .....	6	1	5	1	6	$\frac{1}{2}$	4	...	1	...	8	5	$\frac{1}{2}$	4	...	...	...	1	...	8	6	$\frac{1}{2}$	1	5	$\frac{1}{2}$	1
Weekly Total	42	7	35	7	42	3½	30	44	2	1	72	25	3½	26	16	12	12	1	1	64	42	3½	7	35	3½	7



TABLE XXIII. *Continued.*  
DINNER.

	Male Patients.	Female Patients.	Thursday .....	Male Patients.	Female Patients.
Sunday .....	Bacon and Greens, with fruit or Suet Pudding.	Roast Pork.	Friday .....	Irish Stew.	Plum Pudding and Treacle Sauce.
Monday .....	Mutton Broth or Bread and Cheese, (3oz).	Meat Pudding (boiled) or Fruit Pudding.	Saturday .....	Plum Pudding and Treacle Sauce.	Meat Pudding (baked) or Bacon 4oz., with Suet Pudding 4oz.
Tuesday .....	Meat and Potato Pie.	Meat and Potato Pie.		Mutton Broth.	Mutton Broth or Irish Stew.
Wednesday .....	Roast Beef or Pickled Pork.	Meat Stew and Dumpling.			

*Bread, Beer, and Vegetables daily.*

*Extra Diet for Sick.*—Mince Meat, Steak, Mutton Chop, Fowl, Fish, Eggs, Mutton Broth, Beef Tea, Essence of Beef, Milk Arrow Root, Rice Pudding, Batter Pudding, Sago, Barley Water, Gruel, Oranges, Biscuits, Calf's Foot Jelly, Porter, Bitter Ale, Port Wine, Sherry, Brandy, Gin, Whisky, Rum, Lemonade, Soda Water.

*Extra Diet for Working Patients.*— $\frac{1}{2}$  Pint Beer, 2 oz. Bread, 1 oz. Cheese, at 11 A.M., and  $\frac{1}{2}$  Pint Beer at 4 P.M., the Laundry Patients  $\frac{1}{2}$  Pint Tea. Tobacco and Snuff given as indulgences.

*Attendants' and Servants' Diet.*—Men, 1 lb. Uncooked Meat; Women,  $\frac{3}{4}$  lb. ditto; 1 lb. Vegetables, 1 lb. Bread, 2 Pints Beer daily. 2 oz. Tea,  $\frac{3}{4}$  lb. Sugar,  $\frac{1}{4}$  Coffee,  $\frac{1}{2}$  Butter, 1 lb. Cheese, weekly.  $\frac{1}{4}$  lb. Meat may be exchanged for Pudding or Pie, at the discretion of the Housekeeper.

*Cocoa for One Hundred Patients.*— $3\frac{1}{4}$  lb. Cocoa,  $6\frac{1}{2}$  lb. Treacle, 3 Gallons Milk, or more, if the Dairy yields it.

*Coffee* Ditto  $1\frac{1}{2}$  lb. Coffee,  $\frac{1}{4}$  lb. Chicory, 5 lb. Treacle, 2 Gallons Milk.

*Tea* Ditto 1 lb. Tea, 4 lb. Sugar, and 2 Gallons Milk.

*Mutton Broth* Ditto { The Liquor of the Cooked Meat, Bones, &c., 25 lb. Meat, 3 lb. Scotch Barley, Oatmeal, Rice, 10 lb. Turnips, Cabbage, Parsnip, Leek, Onion, Artichokes, or other Vegetables, Herbs, Salt, and Pepper.

*Meat Pie* Ditto Dripping Crust, 31 lb. Flour, 50 lb. Potatoes, 13 lb. Meat.

*Meat Pudding* Ditto 25 lb. Meat, 25 lb. Flour—Boiled or Baked.

*Meat Stew* Ditto 25 lb. Meat, in a Stew with Potatoes and other Vegetables mixed with Rice and Barley.

*Plum Pudding* Ditto Flour,  $46\frac{3}{4}$  lbs., Suet,  $6\frac{1}{2}$  lbs., Raisins,  $7\frac{3}{4}$  lbs.

(Signed)

HAYWARD'S HEATH, 31st December, 1867.

C. L. ROBERTSON, M.D., CANTAB.,  
Medical Superintendent.



TABLE XXIV.  
THE ESTABLISHMENT.  
OFFICERS.

Medical Superintendent .....	£650	{	Furnished Apartments, Coals, Gas, Vegetables, and Washing.
Chaplain .....	200		
Clerk to Visitors .....	60		
Assistant Medical Officer .....	120	{	Furnished Apartments, Board, Lodging, and Attendance.
Clerk and Steward .....	120		ditto.
Housekeeper.....	50		ditto.
Head Attendant (Male Department) .....	60		ditto.
Ditto (Female ditto).....	50		ditto.

ATTENDANTS AND SERVANTS.

Superintendent's Clerk ...	£63	0	0	Without Board or Lodging.				
1 Male Attendant (Night)...	59	0	0	ditto.				
2 Male Attendant .....	35	0	0	Board, Lodging, and Washing.				
1 Ditto .....	33	0	0	ditto.				
2 Ditto .....	32	0	0	ditto.				
4 Ditto .....	31	0	0	ditto.				
1 Ditto .....	26	0	0	ditto.				
6 Ditto .....	25	0	0	ditto.				
3 Ditto .....	24	0	0	ditto.				
House Porter and Wife...	46	0	0	ditto.				
1 Female Attendant(Night)	25	0	0	ditto.				
2 Ditto .....	24	0	0	ditto.				
1 Ditto .....	23	0	0	ditto.				
2 Ditto .....	22	0	0	ditto.				
1 Ditto .....	21	0	0	ditto.				
3 Ditto .....	20	0	0	ditto.				
7 Ditto .....	18	0	0	ditto.				
4 Ditto .....	16	0	0	ditto.				
1 Ditto .....	12	0	0	ditto.				
Head Laundry Maid .....	25	0	0	ditto.				
2 Laundry Maids .....	18	0	0	ditto.				
1 Ditto .....	15	0	0	ditto.				
Cook .....	25	0	0	ditto.				
Dairy Maid .....	16	0	0	ditto.				
Kitchen Maid .....	14	0	0	ditto.				
1 Housemaid .....	13	0	0	ditto.				
1 Ditto .....	12	0	0	ditto.				
Engineer .....	1	17	0	per Week; House, Coals, & Gas.				
Bailiff.....	1	5	0	„ } House, Coals, Vege-				
Gardener .....	1	0	0	„ } tables, and Milk.				
Farm Attendant .....	26	0	0	per Year; Board, Lodging, and Washing.				
per Week.				per Week.				
Tailor.....	1	3	0	„ Painter and Glazier 1 7 0 „				
Shoemaker .....	1	3	0	„ Blacksmith .....	1	5	0	„
Mat Maker .....	1	3	0	„ Stoker .....	1	0	0	„
Basket Maker .....	1	3	0	„ Ditto .....	0	18	0	„
Upholsterer .....	1	7	0	„ Cow Man .....	0	17	0	„
Baker .....	1	5	0	„ Cow Boy .....	0	9	0	„
Brewer .....	1	5	0	„ Carter .....	0	17	0	„
Store Porter .....	0	17	6	„ Carter's Boy.....	0	8	0	„
Carpenter .....	1	10	0	„ Ditto ditto .....	0	3	0	„
Bricklayer .....	1	7	0	„ Stock Man .....	0	15	0	„
Bricklayer's Labourer	0	15	0	„ Garden Attendant ...	1	0	0	„

1st January, 1868.



TABLE XXV.  
*Contract Prices of the Principal Articles of Consumption for the Year 1867.*

ARTICLES.	QUARTERS ENDING											
	March.			June.			September.			December.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Beef from Farm...	0	5	0	0	4	6	0	4	6	0	4	6
Mutton do. ...	0	6	0	0	6	0	0	6	0	0	5	0
Flour, Households ...	2	9	5	2	7	9	2	10	5	2	11	5
Seconds ...	2	6	11	2	5	3	2	7	11	2	8	11
Meal ...	2	0	6	1	18	6	2	1	10	2	2	10
Malt ...	3	4	6	3	16	0	3	16	0	3	12	0
Hops ...	8	16	0	9	8	0	8	8	0	10	5	0
Cheese ...	3	10	0	3	14	0	3	14	0	3	6	0
Butter ...	5	8	0	4	14	0	4	14	0	5	12	0
Bacon ...	3	14	0	3	16	0	3	16	0	3	14	0
Sugar, Raw ...	1	15	0	1	15	0	1	15	0	1	14	0
Refined ...	2	10	0	2	10	0	2	10	0	2	10	0
Treacle ...	1	1	0	1	1	0	1	1	0	1	0	0
Soap, Yellow ...	1	13	0	1	13	0	1	13	0	1	13	0
Soft ...	0	19	6	0	19	6	0	19	6	0	19	6
Coals, Wallsend ...	1	3	9	1	3	9	1	3	6	1	3	6
Nixon's ...	1	3	3	1	3	3	1	3	0	1	3	0
Coke ...	0	16	6	0	16	6	0	16	3	0	16	3

## TABLE XXVI.

*Account of Provisions Consumed in the year 1867.*


---

Number of Officers and Servants .....	59
"    Male Patients .....	252
"    Female Patients .....	315
<hr/>	
Total Number .....	616

Meat—Bacon.....	742 $\frac{1}{16}$ Pounds.
"    Beef and Mutton .....	53,874 $\frac{1}{2}$ "
"    Pork .....	16,117 $\frac{1}{2}$ "
Beer, Porter, and Ale .....	31,629 Gallons.
Bread.....	230,798 Pounds.
Butter .....	8,132 $\frac{1}{2}$ "
Cheese .....	11,960 $\frac{1}{16}$ "
Cocoa .....	6,226 "
Coffee.....	2,549 $\frac{1}{4}$ "
Eggs .....	6,526 Number.
Flour .....	205,052 Pounds.
Potatoes .....	1,502 $\frac{1}{2}$ Bushels.
Chicory .....	233 $\frac{1}{4}$ Pounds.
Sugar .....	7,790 $\frac{1}{4}$ "
Tea.....	1,506 $\frac{1}{4}$ "
Treacle .....	16,912 $\frac{1}{2}$ "
Milk .....	15,436 $\frac{1}{4}$ Gallons.
Wine .....	311 $\frac{1}{12}$ Bottles.
Whisky .....	24 $\frac{7}{12}$ "
Gin.....	212 $\frac{1}{12}$ "
Brandy .....	653 $\frac{5}{12}$ "
Rum .....	3 $\frac{8}{12}$ "



TABLE XXVII.

*A Return of Bedding and Clothing issued from the Stores, for  
the year ending December 31st 1867.*

ARTICLES.	Males.	Females.
Blankets ... ..	64	47
Rugs ... ..	41	76
Sheets... ..	307	282
Pillow Cases ... ..	138	163
Towels (round)... ..	58	26
„ (hand) ... ..	—	76
Macintosh Sheets ... ..	92	33
Tea Cloths ... ..	10	12
Gowns... ..	—	458
Jackets ... ..	215	—
Waistcoats... ..	203	—
Trousers... ..	154	—
Upper Petticoats ... ..	—	87
Under ditto ... ..	—	109
Flannel Jackets ... ..	73	—
Ditto Drawers ... ..	94	—
Shifts ... ..	—	609
Shirts ... ..	524	—
Stockings, Pairs ... ..	614	405
Leather Boots ... ..	214	147
Ditto Shoes ... ..	32	9
Ditto Slippers ... ..	5	11
Cloth Boots ... ..	25	98
Aprons ... ..	32	221
Pinafores ... ..	—	33
Shawls ... ..	—	135
Bedgowns ... ..	—	86
Cloth Caps ... ..	223	—
Stays ... ..	—	26
Bonnets and Hoods ... ..	—	196
Day Caps ... ..	—	212
Night „ ... ..	—	55
Handkerchiefs, Pocket ... ..	496	218
„ „ Neck ... ..	590	244
Working Frocks ... ..	27	—

TABLE XXVIII.

INCOME and EXPENDITURE for the Year ending 1867.					
INCOME.			EXPENDITURE.		
From Weekly rate	£	s. d.	From Weekly rate	£	s. d.
„ Unions contributing ..	12213	13 9	Provisions .. .. .	8008	9 4
„ County treasurer ..	322	9 3	Clothing .. .. .	858	13 7
„ Unions non-contributing	2064	13 11	Salaries and wages ..	3039	10 11
For private patients .. ..	311	19 1	House Expenses .. ..	2510	1 3
From sales .. .. .			Medicine, Wine, and Spirits ..	523	11 10
			Incidentals .. .. .	136	15 3
Total from Weekly rate ..	14912	16 0	Total from Weekly rate ..	15077	2 2
Repaid from Capital Account for			Farm Improvements .. ..	110	1 3
Improvements .. .. .	500	0 0	Paid to Capital Account for		
To amount charged on Credit			Improvements .. .. .	909	10 11
side, in Excess of Cash Paid					
on Farm Account .. .. .	480	16 6	From County Rate		
From County rate			Repairs and Alter-		
Repairs and Alter-			tations .. .. .	1160	15 4
ations .. .. .	1160	11 4	Improvements .. .. .	489	2 6
Improvements .. .. .	489	2 6			
Total from County rate ..	1649	17 10	Total from County rate ..	1649	17 10
Total Income .. .. .	17543	10 4	Total Expenditure .. ..	17746	12 2
Balance, Dec. 31, 1866 ..	4262	0 4	Balance .. .. .	4058	18 6
	21805	10 8		21805	10 8

## AVERAGE WEEKLY EXPENDITURE for the Year for each Patient, from Weekly Rate.

	QUARTERS ENDING				Average for the Year 1867
	March 31st.	June 30th.	Sept. 30th.	Dec. 31st.	
	s. d.	s. d.	s. d.	s. d.	s. d.
Provisions.. .. .	5 1½	5 3½	5 2½	5 1¾	5 2
House and other Expenses .. ..	1 9¾	1 9¾	1 4¼	1 8½	1 8
Clothing .. .. .	0 6¼	0 11	0 4½	0 6½	0 7
Salaries and Wages .. .. .	2 1½	2 1½	2 0¾	2 0½	2 1
Medicine, Wine and Spirits .. ..	0 4¾	0 3¾	0 4½	0 4½	0 4
Incidentals .. .. .	0 0½	0 0½	0 0½	0 0¼	0 0
Total .. .. .	9 11½	10 5¾	9 6¼	9 11	9 11
Weekly Rate charged to the Unions					
contributing to the Asylum.. ..	9 9	9 9	9 9	9 9	9 9
Do. do. Not contributing do.	14 0	14 0	14 0	14 0	14 0
Do. do. for Private Patients ..	16 0	16 0	16 0	16 0	16 0

## ABSTRACT OF CAPITAL ACCOUNT.

	£	s.
Total Sums expended from the County Rate on the erection, fitting, furnishing, and enlargement of the Asylum from its commencement in 1857 to the present time	91321	1
Total Number of Beds .. .. .	710	
Total Cost per Bed .. .. .	128	12