

1878.

VICTORIA.

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# R E P O R T

OF THE

INSPECTOR OF LUNATIC ASYLUMS

ON

# THE HOSPITALS FOR THE INSANE

FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER

1 8 7 7 .

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PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO SECTION 56, ACT 31 VIC. No. 309.

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By Authority:

JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.



DEPARTMENT OF HOSPITALS FOR THE INSANE,

Melbourne, 24th June 1878.

No. 545.

SIR,

In accordance with the provisions of the 56th section of the Lunacy Statute, No. 309, I have the honor to transmit for your information the accompanying Report on the state and condition of the Lunatic Asylums, Licensed Houses, and Lunacy Wards in the Colony of Victoria for the year ended on the 31st December 1877.

I have the honor to be, Sir,

Your most obedient servant,

E. PALEY,

Inspector of Lunatic Asylums.

The Honorable the Chief Secretary.



# R E P O R T.

ON the 1st January 1877 there were 2,635 registered lunatic patients in the colony—2,490 in public asylums, 123 on probation under care of their friends and relatives, 19 in the Cremorne licensed house, and 3 in the lunacy wards of hospitals. On the 31st December the number of registered patients was 2,747, an increase of 112 during the year. The following return shows the distribution of the patients registered:—

					Males.	Females.	Total.
In the Yarra Bend Lunatic Asylum	...	...	...	...	452	284	736
„ Kew	„	„	„	„	547	422	969
„ Ararat	„	„	„	„	208	153	361
„ Beechworth	„	„	„	„	274	181	455
„ Ballarat	„	„	„	„	20	19	39
Out on probation from Yarra Bend	...	...	...	...	15	13	28
„ „ „ Kew	...	...	...	...	52	65	117
„ „ „ Ararat	...	...	...	...	4	6	10
„ „ „ Beechworth	...	...	...	...	1	1	2
„ „ „ Ballarat	...	...	...	...	...	2	2
Total number of registered lunatics in public asylums					1,573	1,146	2,719
In the Cremorne Licensed House	...	...	...	...	14	12	26
In Lunacy Ward, at Castlemaine	...	...	...	...	1	1	2
„ „ „ Sandhurst	...	...	...	...	...	...	...
„ „ „ Geelong	...	...	...	...	...	...	...
Total number of registered lunatics in the colony					1,588	1,159	2,747

TABLE I.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877 in Public Lunatic Asylums.

					Males.	Females.	Total.
In the asylums on 1st January 1877	...	...	...	...	1,513	1,100	2,613
Admitted ... {	For the first time ...	...	...	...	Males.	Females.	Total.
					334	218	552
					11	7	18
					37	39	76
Retaken	...	...	...	27	1	28	
Total admitted ...					409	265	674
Total under care during the year					1,922	1,365	3,287
Discharged, removed, &c. :—					Males.	Females.	Total.
Recovered	...	...	...	...	142	116	258
Improved	...	...	...	...	2	1	3
Not improved	...	...	...	...	1	1	2
Transferred	...	...	...	...	35	37	72
Escaped	...	...	...	...	35	1	36
Died	...	...	...	...	131	62	193
Died while on leave	...	...	...	...	3	1	4
Total discharged, died, &c., during the year					349	219	568
Remaining in the asylums on the 31st December 1877 } (inclusive of absent on trial, males and females)					1,573	1,146	2,719
Average numbers resident during the year					1,484	1,056	2,541

TABLE II.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality, and Proportion of Recoveries, &c., per Cent. on the Admissions, for the Years 1868 to 1877, in Public Lunatic Asylums.

Year.	Admitted.			Discharged.									Died.			Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.		
	Males.	Females.	Total.	Recovered.			Relieved.			Transferred.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
				Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.															
1868	313	194	507	101	68	169	19	21	40	157	171	328	78	20	98	920	636	1556	868	572	1441	38'33	45'87	41'22	8'98	3'49	6'80
1869	310	225	535	121	104	225	12	17	29	21	15	36	94	34	128	999	706	1705	956	669	1626	42'90	53'77	47'47	9'83	5'08	7'87
1870	347	219	566	119	109	228	26	22	48	55	41	90	96	39	135	1094	755	1849	1025	720	1745	41'78	59'81	48'76	9'36	5'41	7'73
1871	333	213	546	115	76	191	16	17	33	33	1	34	101	31	132	1192	845	2037	1124	778	1902	39'33	43'66	41'02	8'98	3'98	6'94
1872	357	214	571	116	67	183	9	11	20	132	70	202	108	33	141	1314	949	2263	1260	845	2107	35'01	36'44	35'55	8'57	3'90	6'69
1873	360	225	585	149	135	284	18	22	40	175	205	380	128	40	168	1370	976	2346	1339	916	2255	46'38	69'77	55'37	9'55	4'36	7'45
1874	326	226	552	125	100	225	26	37	63	7	8	15	114	54	168	1427	1011	2438	1339	928	2270	46'31	60'62	52'17	8'50	5'81	7'40
1875	349	228	577	152	131	283	10	5	15	63	8	71	121	51	172	1487	1050	2537	1399	976	2377	46'42	59'65	51'64	8'06	5'22	7'23
1876	350	237	587	166	115	281	17	20	37	76	68	144	135	50	185	1513	1100	2613	1463	1006	2471	52'28	56'96	54'17	9'22	4'97	7'48
1877	345	225	570	142	116	258	2	1	3	35	37	72	134	63	197	1573	1146	2719	1484	1056	2541	41'74	52'00	45'79	9'03	5'96	7'75

TABLE III.—Showing the Causes of Death in the Public Lunatic Asylums during the Year 1877.

Cause of Death.	Males.	Females.	Total.
Cerebral or spinal diseases:—			
Apoplexy and paralysis	7	1	8
Epilepsy and convulsions	...	1	1
General paresis	8	...	8
Maniacal and melancholic exhaustion or decay	1	1	2
Inflammation and other diseases of the brain, softening, tumors, &c.	60	25	85
Thoracic diseases:—			
Inflammation of the lungs, pleuræ, and bronchi	8	8	16
Pulmonary consumption	14	13	27
Disease of the heart and blood vessels	8	5	13
Aneurism of the aorta	1	...	1
Abdominal diseases:—			
Inflammation and ulceration of the stomach, intestines, or peritoneum...	5	4	9
Dysentery and diarrhœa	2	...	2
Pelvic abscess	1	...	1
Bright's disease	3	...	3
Abscess of the liver	1	...	1
Exanthemata	4	...	4
Cancer	3	1	4
Anæmia	1	...	1
General debility and old age	3	3	6
Suicide	1	...	1
Died while on leave	3	1	4
Total	134	63	197

TABLE IV.—Showing the Length of Residence of those Discharged Recovered, and of those who have Died in the Public Lunatic Asylums, during the Year 1877.

Length of Residence.	Recovered.			Died.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month	12	2	14	12	7	19
From 1 to 3 months	44	25	69	15	5	20
" 3 " 6 "	29	26	55	16	3	19
" 6 " 9 "	21	27	48	11	5	16
" 9 " 12 "	7	9	16	8	3	11
" 1 " 2 years	12	19	31	20	5	25
" 2 " 3 "	8	3	11	10	5	15
" 3 " 5 "	8	4	12	12	11	23
" 5 " 7 "	1	1	2	11	9	20
" 7 " 10 "	...	...	...	15	5	20
" 10 " 12 "	...	...	...	1	...	1
" 12 " 15 "	...	...	...	2	2	4
Over 15 years	...	...	...	1	3	4
Total	142	116	258	134	63	197

TABLE V.—Showing the Ages of Admissions, Discharges, and Deaths during the Year 1877 in the Public Lunatic Asylums.

Ages.	Admissions.			Discharges.						Deaths.			
				Recovered.			Removed, Relieved or otherwise.						
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
From 1 to 5 years ...	1	...	1	...	...	...	...	...	...	...	...	...	...
„ 5 „ 10 „ ...	2	7	9	1	...	1	...	2	2	4	1	...	1
„ 10 „ 15 „ ...	6	5	11	...	1	1	2	2	4	2	2	4	4
„ 15 „ 20 „ ...	20	14	34	3	10	13	7	1	8	3	3	6	6
„ 20 „ 30 „ ...	58	48	106	24	27	51	8	6	14	5	6	11	11
„ 30 „ 40 „ ...	94	72	166	33	38	71	19	11	30	15	10	25	25
„ 40 „ 50 „ ...	101	49	150	44	21	65	13	9	22	48	13	61	61
„ 50 „ 60 „ ...	53	31	84	18	10	28	12	4	16	27	8	35	35
„ 60 „ 70 „ ...	25	12	37	2	5	7	3	1	4	10	3	13	13
„ 70 „ 80 „ ...	2	2	4	2	...	2	1	...	1	11	6	17	17
„ 80 „ 90 „ ...	8	1	9	...	...	...	...	...	...	2	3	5	5
90 and upwards ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Unknown ...	39	24	63	15	4	19	8	4	12	10	9	19	19
Total ...	409	265	674	142	116	258	73	40	113	134	63	197	197

TABLE VI.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877 in the Lunacy Wards.

				Males.	Females.	Total.
In the wards on 1st January 1877 ...	...	...	...	3	...	3
				Males.	Females.	Total.
Admitted ...	{ For the first time	...	...	45	34	79
	{ Re-admitted	...	...	...	1	1
Transferred during the year ...	...	...	...	...	...	...
Retaken ...	...	...	...	...	...	...
Total admitted ...	...	...	...	45	35	80
Total under care during the year ...	...	...	...	48	35	83
Discharged, removed, &c. :—				Males.	Females.	Total.
Recovered ...	...	...	...	25	9	34
Improved ...	...	...	...	...	1	1
Transferred ...	...	...	...	22	22	44
Escaped ...	...	...	...	...	...	...
Died ...	...	...	...	...	1	1
Total discharged, died, &c., during the year ...	...	...	...	47	33	80
Remaining in the wards on the 31st December 1877	(inclusive of absent on trial, males and females)		}	1	2	3

#### ADMISSIONS.

The total number of patients admitted to the public lunatic asylums for the first time during the year was 552—334 men and 218 women—and 11 men and 7 women were re-admitted who had been discharged during this and preceding years, 76 were transferred from one asylum to another, and 28 patients who had escaped in this and previous years were retaken, giving a total of 674 admitted, and of 3,287 under treatment.

The total number of admissions and re-admissions to public asylums in this year was 570, to lunacy wards 80, to licensed houses 33, or 683 in all; and calculating on this number the ratio of admissions to the population, estimated on the 31st December at 860,804, it appears that 1 person in every 1,260 has been sent to an asylum for treatment. This proportion is slightly in excess of 1876 and the two previous years, but this is explained by the fact that the admissions to lunacy wards and licensed houses are introduced into the present calculation, whereas in former years the admissions to the public asylums alone were taken into account. The admissions to public asylums (570) gives a ratio of 1 in 1,510, being considerably less than in 1876, when it was 1 in 1,431 of the population.

## DISCHARGES.

The total number of persons under care in public lunatic asylums during the year was 3,287; of this number, 142 men and 116 women were discharged recovered, and 2 men and 1 woman improved, the total, 361, being equal to 45·79 in every 100 of the admissions. This proportion of persons recovered and improved is somewhat below that of the four preceding years, but I do not regard it as deserving of such notice as to demand special enquiry into its cause. In order that the ratio of recoveries only may be compared with the results in English asylums, I have made a further calculation, omitting those patients who were discharged relieved, and it appears that the recoveries are equal to 45·26 in every 100 of the admissions to Victorian asylums as against 35·49 in those of England (p. 21 of Report, Commissioners in Lunacy for 1876).

## DEATHS.

From Table III. it appears that 134 males and 63 females died in the year; 3 males and 1 female while on leave of absence from Kew. The total number of deaths (197) is in a proportion equal to 7·75 in every 100 of the daily average of patients resident, a result in no way different from that of the last 10 years. The causes of death are shown in Table III., and those which demand any special notice are referred to in the remarks on the various asylums.

The mortality in England, taken from the last Report by the Commissioners, is 10·08 in every 100 of the daily average numbers resident.

## RETURN OF ADMISSIONS, DISCHARGES, AND DEATHS, FOR TEN YEARS.

	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
<i>Under Detention on the 1st January in each Year.</i>										
In Public Lunatic Asylums	1,280	1,556	1,705	1,849	2,037	2,261	2,347	2,438	2,537	2,613
In Licensed Houses ...	78	11	15	17	15	18	12	16	19	19
In Lunacy Wards ...	...	...	...	...	1	4	2	4	1	3
Totals ...	1,358	1,567	1,720	1,886	2,053	2,283	2,361	2,458	2,557	2,635
<i>Admitted each Year (including Re-admissions).</i>										
To Public Lunatic Asylums	514	535	566	546	571	585	552	577	587	570
To Licensed Houses ...	35	53	49	43	46	35	56	37	48	49
To Lunacy Wards ...	...	1	2	9	28	31	89	81	98	80
Totals ...	549	589	617	598	645	651	697	695	733	697
<i>Transferred each Year.</i>										
From Public Lunatic Asylums	328	36	96	34	202	380	15	71	144	72
From Licensed Houses ...	74	4	6	6	5	...	...	2	2	3
From Lunacy Wards ...	...	...	...	8	14	17	38	41	56	44
Totals ...	402	40	102	48	221	397	53	114	202	119
<i>Escaped Patients Retaken each Year.</i>										
From Public Lunatic Asylums	8	1	1	1	3	15	7	11	13	28
From Licensed Houses ...	...	...	...	...	...	...	...	...	...	...
From Lunacy Wards ...	...	...	...	...	...	...	...	...	...	...
Totals ...	8	1	1	1	3	15	7	11	13	28
<i>Under Care during each Year (including Transfers).</i>										
In Public Lunatic Asylums	2,199	2,129	2,367	2,434	2,815	3,241	2,920	3,097	3,281	3,287
In Licensed Houses ...	113	64	66	62	62	53	68	54	69	68
In Lunacy Wards ...	...	1	2	9	29	35	91	85	99	83
Totals ...	2,312	2,194	2,435	2,505	2,906	3,329	3,079	3,236	3,449	3,438



RETURN OF ADMISSIONS, DISCHARGES, AND DEATHS, FOR TEN YEARS—*continued.*

	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
<i>Discharged Recovered each Year.</i>										
From Public Lunatic Asylums	169	225	228	191	183	284	225	283	281	258
From Licensed Houses ...	28	38	39	34	36	34	49	28	42	35
From Lunacy Wards ...	...	...	2	...	10	14	43	37	36	35
Totals ...	197	263	269	225	229	332	317	348	359	328
<i>Discharged Improved each Year.</i>										
From Public Lunatic Asylums	39	29	48	33	20	40	63	15	37	3
From Licensed Houses ...	...	2	2	4	2	5	2	2	6	3
From Lunacy Wards ...	...	...	...	...	...	...	4	1	2	1
Totals ...	39	31	50	37	22	45	69	18	45	7
<i>Discharged not Improved each Year.</i>										
From Public Lunatic Asylums	...	...	...	...	...	...	...	3	3	2
From Licensed Houses ...	...	...	...	...	...	...	...	...	...	...
From Lunacy Wards ...	...	...	...	...	...	...	...	...	...	...
Totals ...	...	...	...	...	...	...	...	3	3	2
<i>Escaped each Year.</i>										
From Public Lunatic Asylums	9	6	11	7	6	23	11	16	18	36
From Licensed Houses ...	...	...	...	...	...	2	...	2	...	1
From Lunacy Wards ...	...	...	...	...	...	...	...	...	...	...
Totals ...	9	6	11	7	6	25	11	18	18	37
<i>Died each Year.</i>										
In Public Lunatic Asylums	98	128	135	132	141	168	168	172	185	197
In Licensed Houses ...	...	5	2	2	1	...	1	1	...	...
In Lunacy Wards ...	...	1	...	...	1	2	2	5	2	1
Totals ...	98	134	137	134	143	170	171	178	187	198
<i>Daily Average Numbers Resident each Year.</i>										
In Public Lunatic Asylums	1,441	1,626	1,745	1,902	2,107	2,255	2,270	2,377	2,471	2,541
In Licensed Houses ...	28	14	15	15	15	14	13	14	17	21
In Lunacy Wards ...	...	...	...	...	...	...	...	...	...	...
Totals ...	...	...	...	...	...	...	...	...	...	...
<i>Numbers Recovered and Improved in each 100 Admissions.</i>										
In Public Lunatic Asylums	41'22	47'47	48'76	41'02	35'55	55'37	52'17	51'64	54'17	45'79
In Licensed Houses*	...	...	...	...	...	...	...	...	...	...
In Lunacy Wards*	...	...	...	...	...	...	...	...	...	...
Totals ...	...	...	...	...	...	...	...	...	...	...
<i>Number of Deaths per 100 of Daily Average Numbers Resident.</i>										
In Public Lunatic Asylums	6'80	7'87	7'73	6'94	6'69	7'45	7'40	7'23	7'48	7'75
In Licensed Houses*	...	...	...	...	...	...	...	...	...	...
In Lunacy Wards*	...	...	...	...	...	...	...	...	...	...
Totals ...	...	...	...	...	...	...	...	...	...	...

\* Not stated, the numbers treated having been under 100.

I have introduced the above return into this Report for the purpose of making comparison of the various changes that have taken place during a period of ten years, and where necessary of making enquiry concerning or suggesting explanation of any great disparity that is observed in the numbers. The numbers under care on the 1st January in each year have gradually increased from 1,358 in 1868 to 2,635 in 1877, or by an average of 142 each year. During the first five of the years indicated

the increase was 925, or an average of 185 in each year; and in the last four years the increase was only 352, or an average of 88 in each year. The increase in the year under review was 112, and, though somewhat greater than in the four preceding years, I do not regard it as being so large as to need explanation, and it does not materially alter the average of increase in the ten years. It is satisfactory to observe that the diminished ratio of increase brought under notice in my Report for 1876 still continues.

The admissions show that a steady increase is taking place; and, though the change is not always in proportion to the population of the colony, yet the difference between the numbers received in 1868 and 1877 may be fairly set down as due to increase of population alone, as the proportion of admissions to the population does not show that insanity is increasing.

Under the head of transferred the total for ten years is 1,698, or an average of 170 per year; and as this no doubt will seem to be a very large number, it may be well to explain the circumstances under which so many patients were removed. At the beginning of 1867 the only asylums in the colony were at Yarra Bend, Carlton, and the Cremorne licensed house. Towards the close of the same year the buildings at Beechworth and Ararat became ready for occupation, and a small number of patients was transferred to each place from Yarra Bend. In 1868, the number of patients transferred to Ararat and Beechworth was 101 and 215 respectively, and transfers continued in following years until these buildings were fully occupied. Additional accommodation was afterwards provided at Beechworth, whereby I was enabled to remove there 35 patients in 1875 and 127 in 1876. In 1872 the Lunatic Asylum at Kew was opened for the reception of patients, when a number was transferred to it from Yarra Bend, and in 1873 all the Carlton patients (161) were removed there. Again, in 1877 the Ballarat Asylum for idiots and imbeciles was opened, when a transfer of 42 patients from Kew took place. It is thus shown that the transfers have been made almost entirely for the purpose of filling up new establishments and relieving the overcrowded state of old buildings.

The patients under care have increased from 2,312 in 1868 to 3,438 in 1877, and in the same period the mortality has advanced from 98 to 198, a proportion of 6·8 in every 100 of the daily average numbers resident in 1868, and of 7·75 in 1877. The mortality, however, when calculated on the total population or the actual number under care, gives a percentage of 4·23 in 1868 and 5·99 in 1877.

The number of recoveries also shows increase from 197 in 1868 to 328 in 1877, and the number of these patients who were discharged improved during the decade ranges from a minimum of 7 in 1877 to a maximum of 69 in 1874, such removals being governed by conditions and circumstances which vary considerably from year to year. The proportion of patients recovered and improved to the number admitted is shown to be equal to 41·22 in 100 in 1868 and 45·79 in 100 this year. Various changes, however, appear during these two periods, when the proportion has been as high as 52·37 per 100 and again as low as 35·55 per 100. There is no special reason to be given for these apparent discrepancies, but they may be accounted for to a small extent by examination of the return, as it will be observed that in any year when the recoveries are unusually large a correspondingly large number of new patients are treated, as in 1873, when the recoveries were highest, the proportion of fresh admissions to the public asylums was high, being 585, and in the only year that number was exceeded (1876), the proportion of recoveries, though not equal to 1873, falls but very little below it.

#### INCREASE AND ACCOMMODATION.

The actual increase of registered lunatics for the year has been 112, and 106 of this number have been added to the population of the public asylums. At the end of the year 1876 it was estimated that 2,609 patients could be accommodated in all the buildings, and at the end of this year the number under care was 2,560 out of 2,719 whose names are on the registers, the balance (159) being absent at the time on trial. Taking it for granted that the average number of patients on trial will continue to be as high as the number on trial on the 31st December, though that number is unusually great, it is still shown that there is only present accommodation for 49 additional patients, and at the rate of increase for the past year, 13 per month, this available space will be filled by the end of April 1878, and it is now important to consider the manner in which further space is to be provided for future increase.

In my last Report I suggested "that several buildings, each capable of receiving 20 patients, should be commenced without delay—one being placed in each of the four asylum reserves—and that the plans be arranged, and the position of the cottages chosen, so as to admit of additions being made to the system as necessity might arise." No steps, however, have been taken to carry out this suggestion; but as it is now clear that something must be immediately done to provide additional space for patients, I would specially recommend the adoption of this plan as the best and most economical manner of providing what is required.

In connection with the subject of increased asylum accommodation, attention is again especially directed to the want of special wards for the reception of criminal lunatics, who, for reasons which have been fully dwelt upon in former Reports, ought not to be treated in association with patients of a non-criminal class, as is unavoidably the case under existing arrangements.

#### CAUSES OF INSANITY.

I have again introduced the return of the assigned causes of insanity, although I do not consider it of much value, the sources of information being very unreliable. Of the total fresh cases admitted (552), the number reported to be suicidal was 115.

RETURN showing the assigned Causes of Insanity of Patients admitted during the Year 1877.

	Males.	Females.	Total.		Males.	Females.	Total.
Accident ... ..	8	2	10	Injury at birth ... ..	1	...	1
Anxiety ... ..	2	7	9	Ill-health ... ..	1	...	1
Change of life ... ..	...	1	1	Jealousy ... ..	3	3	6
Congenital ... ..	...	1	1	Melancholy ... ..	1	...	1
Disease ... ..	6	8	14	Miscarriage ... ..	...	1	1
„ of the brain ... ..	1	1	2	Natural causes ... ..	7	5	12
Disappointment in love ... ..	3	2	5	Over study ... ..	1	...	1
Domestic troubles ... ..	3	13	16	Pecuniary difficulties, &c....	10	1	11
Dotage ... ..	1	...	1	Poverty ... ..	2	...	2
Excitement ... ..	1	1	2	Puerperal ... ..	...	12	12
Epilepsy ... ..	...	1	1	Religion ... ..	6	1	7
Fright... ..	...	7	7	Self-abuse ... ..	4	...	4
Fever ... ..	...	2	2	Softening of the brain ... ..	3	...	3
Grief ... ..	1	3	4	Sunstroke ... ..	14	4	18
Hereditary ... ..	3	3	6	Unknown and not stated ... ..	202	120	322
Intemperance ... ..	50	17	67				
Idiocy ... ..	...	2	2				
				Total ... ..	334	218	552

#### COST OF MAINTENANCE.

The total amount paid to the credit of the general revenue in the year has been £4,723 4s. 6d.—£4,418 5s. 3d. for maintenance of patients at the various asylums, and £304 19s. 3d. realised from fines and sales of Government property. The expenditure amounted to £95,517 6s. 6d.—£1,439 1s. 5d. for general expenses, £93,958 11s. 1d. for maintenance of patients in the public asylums at Yarra Bend, Kew, Ararat, Beechworth, and Ballarat, and £119 14s. for maintenance of patients in the lunacy wards attached to hospitals. The receipts show an increase of £401 5s. 10d. as compared with the previous year, and the expenditure has also been increased to the extent of £5,736 8s. 11d.

The average weekly cost of each patient has been increased at all the asylums in this year, showing an addition upon 1876 of 6d. a week in the maintenance rate. Comparison of the tables of weekly cost for each of these years does not show increase to salaries beyond what might have been anticipated at Yarra Bend, Kew, Ararat, and Beechworth by the recognised increments of wages to the staffs; and the votes allowance to stewards, allowance to chaplains, forage, and incidental expenses, appear to be nearly the same. The cost of provisions, stores, fuel and light, and medicines, at all asylums, has been increased. The only item upon which a general reduction has been made is clothing and bedding, and this has been due to the very largely reduced rates at which the required goods were obtained during the second half of the year. The largest increase is observed in the cost of provisions; but as I pointed out on a previous occasion their issue is always in accordance with the same scale, it is evident that increased rates of supply under contracts has caused this difference.

The total increase of 6d. per week is also due, to a large extent, to the cost of opening the Ballarat asylum, but when it has been properly stocked I do not anticipate that the rate will be higher than at any other asylum. I have omitted to calculate the maintenance rate against the separate votes for this establishment, as, on account of the short time it has been occupied and the large quantities of goods that were sent from other asylums, in addition to what was procured from contractors, no value could be attached to the result.

The brewing return at Yarra Bend still shows satisfactory results, and the vote for medical comforts is being kept reasonably low. In 1876 the total cost for an average of 2,471 patients was £2,080 6s. 11d., and in 1877 for 2,541 patients it amounted to £2,607 17s. 2d., giving an average slightly in excess for the latter year, which is mainly due to the extra price of brandy. I regret to add, however, that, owing to want of funds, it has not been practicable to adopt my recommendation for the erection of a proper brewery, whereby I might have been enabled to brew sufficient beer for the service of all the asylums. When this is done, I confidently expect to be able to make a large reduction in the expenditure from this vote.

I furnish the following tables giving particulars of the expenditure:—

TABLE VII.—Showing the Total Receipts and Expenditure of the Department of Hospitals for the Insane during the Year 1877.

<i>Receipts.</i>								
Collections made by the Master-in-Lunacy for maintenance of patients						£	s.	d.
	at Yarra Bend Lunatic Asylum	...	...	...	...	1,547	13	4
Ditto	„ Kew	„	„	„	„	2,141	11	2
„	„ Ararat	„	„	„	„	325	2	7
„	„ Beechworth	„	„	„	„	403	13	2
„	„ Ballarat	„	„	„	„	0	5	0
Amount of fines and sales						304	19	3
Total						4,723	4	6
<i>Expenditure.</i>								
General expenses						1,439	1	5
Maintenance, Yarra Bend Asylum						30,286	2	0
„	„ Kew	„	„	„	„	29,812	8	9
„	„ Ararat	„	„	„	„	15,339	5	10
„	„ Beechworth	„	„	„	„	16,731	7	8
„	„ Ballarat	„	„	„	„	1,789	6	10
„	„ Lunacy Wards	„	„	„	„	119	14	0
Total						95,517	6	6

TABLE VIII.—Showing the Total Cost of Maintenance against each Asylum, the Sums Expended against each Vote, and the Amount of General Expenses, for the Year 1877.

Lunatic Asylum.	Daily Average Numbers Resident.	Total Cost of Maintenance.			Salaries.			Fees to Official Visitors.			Allowance to Stewards.			Allowance to Chaplains.			Provisions and Extra Articles.		
		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Yarra Bend	756	30,286	2	0	11,467	14	0	...	65	0	0	51	5	0	9,290	1	9		
Kew	938	29,812	8	9	9,872	8	9	...	35	0	0	51	5	0	10,846	12	3		
Ararat	360	15,339	5	10	5,103	0	1	...	...	...	...	90	0	0	5,221	2	3		
Beechworth	464	16,731	7	8	5,626	5	5	...	35	0	0	65	0	0	6,146	4	2		
Ballarat	23	1,789	6	10	412	1	11	...	...	...	...	...	...	...	147	10	11		
General expenses	...	1,439	1	5	496	13	0	870	6	2	...	...	...	...	...	...	...		
Total	2,541	95,397	12	6	32,978	3	2	870	6	2	135	0	0	257	10	0	31,651	11	4
Lunatic Asylum.	Clothing, Bedding, and Materials for Manufacture.	Stores, &c.			Fuel, Light, and Water.			Medicines and Medical Comforts.			Forage.			Incidentals.					
		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.			
Yarra Bend	4,141	13	0	964	16	11	3,060	16	9	891	10	4	51	16	9	301	7	6	
Kew	4,623	9	8	735	17	1	2,235	7	8	942	19	3	126	16	4	342	12	9	
Ararat	2,276	7	11	600	2	7	1,288	8	1	433	10	5	62	7	1	264	7	5	
Beechworth	2,919	10	3	514	8	9	863	17	10	339	17	2	60	13	1	160	11	0	
Ballarat	700	19	0	332	19	6	71	10	0	...	...	...	3	19	6	120	6	0	
General expenses	...	...	...	9	18	1	...	...	...	...	...	...	...	...	...	62	4	2	
Total	14,661	19	10	3,158	2	11	7,520	0	4	2,607	17	2	305	12	9	1,251	8	10	

TABLE IX.—Showing the Average Weekly Cost of Patients for the Year 1877.

Lunatic Asylum.	Daily Average Numbers Resident.	Total Cost of Maintenance.	Salaries.	Allowance to Stewards.	Allowance to Chaplains.	Provisions and Extra Articles.	Clothing, Bedding, and Materials for Manufacture.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Yarra Bend ...	756	30,286 2 0	0 5 10	0 0 0 $\frac{1}{2}$	0 0 0 $\frac{1}{4}$	0 4 8 $\frac{3}{4}$	0 2 1 $\frac{1}{4}$
Kew ...	938	29,812 8 9	0 4 0 $\frac{1}{2}$	0 0 0 $\frac{1}{4}$	0 0 0 $\frac{1}{4}$	0 4 5 $\frac{1}{2}$	0 1 10 $\frac{3}{4}$
Ararat ...	360	15,339 5 10	0 5 5 $\frac{1}{2}$	...	0 0 1	0 5 7	0 2 5 $\frac{1}{4}$
Beechworth ...	464	16,731 7 8	0 4 8	0 0 0 $\frac{1}{4}$	0 0 0 $\frac{3}{4}$	0 5 1 $\frac{1}{4}$	0 2 5
Ballarat ...	23	1,789 6 10	...	...	...	...	...
Total ...	2,541	93,958 11 1	...	...	...	...	...
General expenses	...	1,439 1 5	...	...	...	...	...

  

Lunatic Asylum.	Stores, &c.	Fuel, Light, and Water.	Medicines and Medical Comforts.	Forage.	Incidentals.	Weekly Cost.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Yarra Bend ...	0 0 6	0 1 6 $\frac{1}{4}$	0 0 5 $\frac{1}{2}$	0 0 0 $\frac{1}{4}$	0 0 1 $\frac{3}{4}$	0 15 5
Kew ...	0 0 3 $\frac{3}{4}$	0 0 11	0 0 4 $\frac{3}{4}$	0 0 0 $\frac{1}{2}$	0 0 1 $\frac{3}{4}$	0 12 3
Ararat ...	0 0 7 $\frac{3}{4}$	0 1 4 $\frac{1}{2}$	0 0 5 $\frac{1}{2}$	0 0 0 $\frac{3}{4}$	0 0 3 $\frac{1}{2}$	0 16 4 $\frac{3}{4}$
Beechworth ...	0 0 5 $\frac{1}{4}$	0 0 8 $\frac{1}{2}$	0 0 3 $\frac{1}{2}$	0 0 0 $\frac{1}{2}$	0 0 1 $\frac{1}{2}$	0 13 10 $\frac{1}{2}$
Ballarat ...	...	...	...	...	...	...
Total ...	...	...	...	...	...	0 14 2 $\frac{3}{4}$
General expenses	...	...	...	...	...	0 0 2 $\frac{1}{2}$

  

Amount collected by the Master-in-Lunacy for maintenance at—						
Yarra Bend Lunatic Asylum	...	...	...	...	£1,547	13 4
Kew Lunatic Asylum	...	...	...	...	2,141	11 2
Ararat Lunatic Asylum	...	...	...	...	325	2 7
Beechworth Lunatic Asylum	...	...	...	...	403	13 2
Ballarat Lunatic Asylum	...	...	...	...	0	5 0
Total	...	...	...	...	£4,418	5 3

  

Average weekly cost of patients in public asylums, less amounts of maintenance collections and general expenses	...	...	...	...	...	...	0 13 6 $\frac{3}{4}$
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## LUNATIC ASYLUM, YARRA BEND.

TABLE X.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

	Males.	Females.	Total.
In the asylum on 1st January 1877 ...	483	299	782
	Males.	Females.	Total.
Admitted for the first time ...	4	6	10
Re-admitted ...	...	1	1
Transferred during the year...	13	17	30
Retaken ...	5	...	5
Total admitted ...	22	24	46
Total under care during the year...	505	323	828
	Males.	Females.	Total.
Discharged, removed, &c.:—	6	3	9
Recovered ...	1	1	2
Improved ...	5	2	7
Transferred ...	8	...	8
Escaped ...	18	20	38
Died ...	...	...	...
Total discharged, died, &c., during the year	38	26	64
Remaining in the asylum on the 31st December 1877 (inclusive of absent on trial, males and females) ...	467	297	764
Average numbers resident during the year	466	290	756

TABLE XI.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &c., per Cent. on the Admissions, for the Years 1848 to 1877.

Year.	Admitted.			Discharged.									Died.			Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.		
				Recovered.			Relieved.			Transferred.																	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1848	12	13	25	1	1	2	1	1	2	...	...	...	1	...	1	9	11	20	7	9	17	16.66	15.38	16.00	14.28	...	5.88
1849	22	12	34	1	2	3	1	3	4	...	...	...	3	1	4	26	17	43	13	12	25	9.09	41.66	20.58	23.07	8.33	16.00
1850	10	5	15	7	1	8	1	...	1	...	...	...	1	1	2	27	20	47	25	18	44	80.00	20.00	60.00	4.00	5.55	4.54
1851	22	19	41	9	11	20	...	1	1	...	...	...	4	3	7	35	24	59	33	26	59	40.90	63.15	51.21	12.12	11.53	11.86
1852	9	26	35	2	8	10	4	2	6	...	...	...	1	2	3	36	38	74	36	29	66	66.66	38.46	45.71	2.77	6.89	4.54
1853	109	35	144	29	15	44	1	2	3	...	...	...	15	4	19	97	52	149	69	43	113	27.52	48.57	32.63	21.73	9.30	16.81
1854	79	41	120	33	17	50	3	3	6	...	...	...	16	4	20	122	68	190	103	56	160	45.56	48.78	46.66	15.53	7.14	12.50
1855	111	48	159	39	20	59	4	2	6	...	...	...	23	5	28	162	89	251	132	74	206	38.73	45.83	40.88	17.41	6.75	13.59
1856	100	49	149	43	19	62	1	5	6	...	...	...	27	6	33	190	108	298	167	97	264	44.00	48.97	45.63	16.16	6.18	12.50
1857	74	65	139	22	27	49	6	1	7	...	...	...	25	4	29	208	141	349	194	121	316	37.83	43.97	40.28	12.88	3.30	9.17
1858	160	99	259	44	33	77	5	7	12	...	...	...	48	16	64	267	184	451	...	...	412	30.62	40.40	34.36	...	...	15.53
1859	167	89	256	34	29	63	6	6	12	...	...	...	55	12	67	337	227	564	...	...	490	23.95	39.32	29.29	...	...	13.67
1860	104	81	185	34	38	72	11	9	20	...	...	...	42	16	58	351	245	596	347	244	592	43.26	58.02	49.72	12.10	6.55	9.79
1861	178	96	274	49	31	80	9	15	24	...	...	...	48	13	59	420	282	702	400	266	667	32.58	47.91	37.95	11.50	4.88	8.84
1862	137	76	213	25	43	68	16	15	31	...	...	...	49	14	63	464	286	750	436	285	722	29.92	76.31	46.47	11.23	4.91	8.72
1863	158	122	280	51	26	77	11	14	25	...	...	...	52	12	64	501	355	856	498	326	825	39.24	32.78	36.42	10.44	3.68	7.75
1864	208	142	350	37	48	85	19	24	43	...	...	...	88	26	114	562	398	960	539	374	913	26.92	50.70	36.57	16.32	6.95	12.48
1865	178	132	310	37	42	79	7	13	20	...	...	...	59	23	82	610	393	1,003	587	397	984	24.71	41.66	31.93	13.44	5.79	10.36
1866	80	76	156	26	38	64	15	13	28	...	...	...	...	19	69	596	399	995	604	396	1,001	51.25	67.10	58.97	8.27	4.79	6.89
1867	95	69	164	18	23	41	11	19	30	50	15	65	29	20	49	583	390	973	599	401	1,001	30.52	60.86	43.29	4.84	4.98	4.89
1868	142	88	230	36	27	63	7	9	16	130	155	285	45	12	57	512	350	862	539	347	886	30.28	40.90	34.34	8.34	3.45	6.43
1869	193	138	331	52	61	113	8	8	16	16	6	22	48	23	71	587	399	986	550	369	920	31.08	50.00	38.97	8.72	6.23	7.71
1870	242	164	406	82	62	144	15	11	26	55	39	94	55	25	80	615	428	1,043	590	412	1,002	40.08	44.51	41.87	9.32	6.06	7.98
1871	233	163	396	66	58	124	13	10	23	73	41	114	56	25	81	641	458	1,099	624	440	1,065	33.90	41.71	37.12	8.97	5.68	7.60
1872	281	186	467	81	57	138	5	5	10	121	69	190	67	20	87	662	495	1,157	598	415	1,013	30.60	33.33	31.69	11.20	4.81	8.58
1873	245	158	403	104	102	206	12	14	26	69	147	216	85	21	106	634	368	1,002	607	473	981	47.34	73.46	57.56	14.00	5.63	10.80
1874	...	1	1	31	15	46	20	29	49	...	5	5	32	12	44	558	311	869	547	301	849	...	...	...	5.85	3.98	5.18
1875	2	5	7	14	8	22	5	1	6	23	...	23	33	13	46	510	302	812	508	286	795	...	...	...	6.49	4.54	5.78
1876	7	8	15	9	3	12	10	5	15	...	...	...	25	5	30	483	299	782	481	284	765	...	...	...	5.19	1.76	3.92
1877	4	7	11	6	3	9	1	1	2	5	2	7	18	20	38	467	297	764	466	290	756	...	...	...	3.86	6.89	5.02

Statistics.—Owing to some extensive repairs that were carried out during the year, this asylum has not been receiving many new cases, but, including 35 transferred and retaken, 46 names have been added to the registers, giving a total of 828 patients under care. The number recovered and improved is 11, but the admissions having been so few, the percentage of cases recovered and relieved calculated on the admissions is again omitted; 7 patients were transferred to other asylums, 8 escaped, and the number of deaths is 38, or 5.02 in every 100 of the average numbers resident.

At the end of the year, 26 men and 15 women are reported as curable cases—the remaining 753 being all incurable—64 are returned as epileptic, 150 harmless imbeciles, 42 adult idiots, and 19 idiots under 15 years of age. There were 19 males and 10 females allowed to leave the asylum on trial, and 1 male and 1 female, on trial, were discharged cured. Of those received in the year, 10 were sent by their friends, and 1 was received from a benevolent asylum.

The number of patients placed under restraint during the year by gloves, camisoles, and in seclusion, was only 34.

Casualties.—On the 20th October, J. T., a patient in one of the refractory wards, was thrown against a table by another patient, and sustained Potts' fracture of the fibula. A careful enquiry was made into the case, but no blame could be attributed to any person.

The general health of the patients has been good.

Work.—In Appendix A will be found a return of the average number of patients who work about the asylum grounds. Under the charge of the farm bailiff, gardener, and warders, the male patients carry out all the farm and garden work of the establishment. The farm contains about 70 acres of cultivation and 540 acres of grazing land; the gardens, 12 acres for vegetable growing, and about 15 acres of ornamental grounds, and the tables of the Appendix give returns of all the produce from these sources. The net estimated value of the farm produce, after allowing for salaries, purchase of stock, seeds, repairs, and all other expenses incurred, is £1,238 3s. 7d. Further returns of labor will be found in Appendix A, which contains statements of work done in the tailor's and shoemaker's shops. A few other patients are engaged in assisting the carpenter, the engineer, and the blacksmith, but no

statement of the result of their labors is given here. The return of the work performed by the female patients under the direction of the matron and female warders will likewise be found in Appendix A.

*Inspection.*—The inspection of this asylum has been made by the board of official visitors, consisting of the Honorable J. T. Smith, M.P., Chairman, Drs. Barker, Youl, and Campbell, and J. Farrell, Esq., M.P., who make a quarterly report for your information.

#### LUNATIC ASYLUM, KEW.

TABLE XII.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

							Males.	Females.	Total.
In the asylum on the 1st January 1877	...	...	...	...	...	...	531	449	980
							Males.	Females.	Total.
Admitted for the first time	...	...	...	...	...	...	261	192	453
Re-admitted	...	...	...	...	...	...	4	4	8
Transferred during the year	...	...	...	...	...	...	2	...	2
Retaken	...	...	...	...	...	...	12	...	12
Total admitted	...	...	...	...	...	...	279	196	475
Total under care during the year	...	...	...	...	...	...	810	645	1,455
							Males.	Females.	Total.
Discharged, removed, &c. :—	...	...	...	...	...	...	103	90	193
Recovered	...	...	...	...	...	...	1	...	1
Improved	...	...	...	...	...	...	1	1	2
Not improved	...	...	...	...	...	...	27	30	57
Transferred	...	...	...	...	...	...	12	...	12
Escaped	...	...	...	...	...	...	64	36	100
Died	...	...	...	...	...	...	3	1	4
Died while on leave	...	...	...	...	...	...	...	...	...
Total discharged, died, &c., during the year	...	...	...	...	...	...	211	158	369
Remaining in the asylum on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	...	...	...	599	487	1,086
Average numbers resident during the year	...	...	...	...	...	...	522	416	938

TABLE XIII.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &c., per Cent. on the Admissions, for the Years 1872 to 1877.

Year.	Admitted.			Discharged.									Died.			Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.		
	Males.	Females.	Total.	Recovered.			Relieved.			Transferred.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
				Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.															
1872	..	..	..	8	1	9	..	..	..	7	1	8	3	1	4	137	106	243	152	84	236	..	..	..	1'97	1'19	1'69
1873	59	43	102	17	17	34	1	3	4	1	1	2	15	11	26	333	321	654	229	206	435	30'50	46'51	37'25	6'55	5'33	5'97
1874	273	196	469	76	70	146	2	6	8	6	1	7	61	32	93	458	413	871	392	346	739	28'57	38'77	32'83	15'56	9'24	12'58
1875	301	200	501	111	111	222	4	1	5	39	8	47	72	32	104	530	460	990	480	410	890	38'20	56'00	45'30	15'00	7'80	11'68
1876	299	191	490	136	99	235	4	10	14	71	64	135	84	31	115	531	449	980	499	401	900	46'82	57'06	50'81	16'83	7'73	12'77
1877	265	196	461	103	90	193	1	..	1	27	30	57	67	37	104	599	487	1086	522	416	938	39'24	45'90	42'08	12'83	8'89	11'08

*Statistics.*—On the 1st January there were 980 patients on the books; 453 fresh patients were admitted during the year, 8 were re-admitted, 2 were transferred and 12 retaken, giving a total of 1,455 under care. The number discharged recovered and improved was 194, or 42'08 per cent. of those admitted, 2 were discharged on bond, 57 transferred, 12 escaped, 100 died in the asylum, and 4 of those who were out on trial died at their homes. The total number of deaths (104) gives a percentage of 11'08 on the daily average numbers resident. Of the number remaining at the end of the year (1,086) 101 are supposed to be curable, and 985 are returned as incurable, and suffer from various forms of mental disorder. There are also returned as in the asylum on the 31st December, 68 idiots, 161 harmless imbeciles, and 9 idiot children under 15 years of age. There were 197 patients allowed on trial, and 85 of those have recovered. Of the number admitted, 19 were received from benevolent asylums and the Immigrants' Home, 80 were sent by their friends, 28 were received from the various gaols, 11 from hospitals, 3 from the Industrial and Reformatory Schools, and 320 were brought by the police.

The number of patients subjected to seclusion and restraint has been 251—by gloves 98, by camisoles 58, and 95 in seclusion.

*Casualties.*—There are 8 cases of slight fractures recorded among the male patients, but I thought it necessary to make personal enquiry respecting only one of them, as there was reason to suppose that the injury sustained (fracture of a rib) was the result of ill-usage by a warder. From the evidence obtained, I was of opinion that

the injury was caused to the patient in a struggle he had with 3 warders while they were undressing him ; but as it is very difficult to decide in such a case where justifiable force ends and wilful cruelty begins, I concluded that a charge of ill-usage could not be sustained ; but I thought it right to warn one of the men concerned, whose behaviour seems to have been unnecessarily rough, that in the event of any other patient suffering injury when in his hands, I would advise his removal from the service. This man has since been dismissed for misconduct of a different kind.

Among the female patients there were numerous minor injuries, such as contusions and abrasions, caused in various ways and duly recorded in the medical journal. E. T. fractured her thigh in trying to get over a form in A ward. E. D. was knocked down and kicked in the side by another patient, one rib being fractured. B. McC. was found one morning to be suffering from a recent fracture of the clavicle. She is a demented epileptic patient, and, owing to want of single-room accommodation, had to be put to sleep in a passage, not being fit to sleep in a dormitory. It is probable that she fell in a fit during the night and sustained this injury. She had formerly broken the same clavicle and dislocated her shoulder by falling in an epileptic fit. J. S., a feeble old woman, tripped in the ward and fell, spraining her wrist. E. G. had her elbow joint injured. She stated it was caused in a struggle with warders, but of this there was no proof.

*Work.*—Appendix A contains full information of the labors of the patients during the year on the farm, in the gardens, and in the workrooms. About 17 acres of land have been brought under cultivation during this year, and fair crops of oaten hay, mangold wurtzel, maize, and carrots were produced. The stock return at the end of the year shows 1 bull, 39 cows, and 12 calves depastured on the reserve, and 133 store and other pigs in the farm-yard. The estimated cost of the farm for salaries, seeds, repairs, forage, and incidental expenses during the year is £377 11s. 5d. ; the value of the produce is calculated at £1,027 18s. 3d., showing a net profit of £650 6s. 10d. The area of the kitchen garden is about 7 acres, and the produce from it enables the superintendent to issue about  $\frac{1}{2}$  lb. of fresh vegetables to each patient daily during the year. The average issue of fresh vegetables has increased by 40 lbs. per annum to each person during this year when compared with 1876, showing that care and attention are bestowed upon the garden work. Employment is also given to a number of patients in ornamental gardening, the quantity of ground taken up in this way being 15 acres outside the walls of the building, 4 acres in the airing courts, and 4 acres under a bowling-green and flower garden inside the walls.

*Inspection.*—The board of visitors of the Melbourne district also inspect and report to you upon the state and condition of this asylum. The only matter deserving of notice here to which I find they have called attention is the overcrowded state of the wards. Steps have been taken, however, to give such relief as was possible by transfers to other asylums ; but only partial relief can be afforded in this way, and the real remedy lies in the erection of new buildings.—See my remarks under the head of Accommodation.

### LUNATIC ASYLUM, ARARAT.

TABLE XIV.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

							Males.	Females.	Total.
In the asylum on 1st January 1877	...	...	...	...	...	...	215	158	373
							Males.	Females.	Total.
Admitted for the first time	...	...	...	...	...	45	15	60	
Re-admitted	...	...	...	...	...	1	1	2	
Transferred during the year	...	...	...	...	...	...	1	1	
Retaken	...	...	...	...	...	4	1	5	
Total admitted	...	...	...	...	...	...	50	18	68
Total under care during the year	...	...	...	...	...	...	265	176	441
							Males.	Females.	Total.
Discharged, removed, &c. :—	...	...	...	...	...	...	...	...	
Recovered	...	...	...	...	...	17	12	29	
Improved	...	...	...	...	...	...	...	...	
Transferred	...	...	...	...	...	1	...	1	
Escaped	...	...	...	...	...	5	1	6	
Died	...	...	...	...	...	30	4	34	
Total discharged, died, &c., during the year	...	...	...	...	...	...	53	17	70
Remaining in the asylum on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	...	...	...	212	159	371
Average numbers resident during the year	...	...	...	...	...	...	207	152	360



TABLE XV.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &c., per Cent. on the Admissions, for the Years 1867 to 1877.

Year.	Admitted.			Discharged.									Died.	Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.				
	Males.	Females.	Total.	Recovered.			Relieved.			Transferred.	Males.	Females.		Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
				Males.	Females.	Total.	Males.	Females.	Total.																		
1867	37	14	51	1	...	1	2	...	2	...	...	...	1	...	1	85	17	102	64	8	72	8.10	...	8.88	1.56	...	1.38
1868	82	53	135	27	22	49	7	3	10	...	...	...	15	3	18	158	112	270	127	90	217	41.46	47.16	43.70	11.81	3.33	8.29
1869	63	46	109	37	18	55	1	7	8	...	...	...	26	8	34	156	125	281	154	117	271	60.31	54.34	57.79	16.88	6.83	12.54
1870	89	44	133	27	34	61	10	3	13	...	...	...	19	12	31	200	141	341	174	127	301	41.57	84.09	55.63	10.91	9.44	10.29
1871	74	42	116	39	15	54	2	5	7	...	...	...	25	2	27	206	161	367	204	151	356	55.40	47.61	52.58	12.25	1.32	7.58
1872	41	19	60	13	2	15	4	3	7	...	...	...	16	8	24	215	167	382	206	162	369	41.46	26.31	36.66	7.76	4.93	6.50
1873	26	13	39	15	10	25	4	5	9	1	...	1	9	5	14	211	161	372	208	159	368	73.07	115.38	87.18	4.32	3.14	3.80
1874	32	18	50	9	9	18	1	1	2	1	2	3	12	9	21	219	158	377	210	156	367	31.25	55.55	40.00	5.71	5.76	5.72
1875	21	15	36	17	11	28	...	3	3	1	...	1	10	3	13	212	156	368	216	151	368	80.95	93.33	86.11	4.62	1.98	3.53
1876	22	19	41	6	8	14	3	2	5	...	1	1	10	6	16	215	158	373	212	153	366	40.90	52.63	46.34	4.71	3.92	4.37
1877	46	16	62	17	12	29	...	...	1	...	1	...	30	4	34	212	159	371	207	152	360	36.95	75.00	46.77	14.49	2.63	9.44

*Statistics.*—At the end of the year 1876 there were 373 patients under care—215 males and 158 females; 62 were admitted during the year, 1 was transferred, and 5 were retaken who had escaped during this and the previous year, giving a total of 441 who were placed under care. Of this number 17 males and 12 females were cured, 1 female was transferred to another asylum, 5 males and 1 female escaped, and 30 men and 4 women died. The total mortality (34) is equal to 9.44 in every 100 of the average daily numbers resident. Of the deaths among the male patients 4 come under the head of "Exanthemata"; 1, a case of scarlatina, occurred to an idiot boy, and proved fatal after an illness of a few days; the other 3 were from typhoid fever, the victims being adult patients constitutionally weak by disease of the nervous system; and as the fever was at the same time in the town of Ararat, it was thought that infection must have been conveyed to the asylum by some member of the staff or visitor to the establishment. The 3 adult cases appeared almost simultaneously in different wards of the building. A very careful enquiry was made respecting the cause of this outbreak, and I attended personally to investigate the matter, on the 13th February. The causation was, in my opinion, very obscure; but as the state of the rain-water tanks and the ventilation of the closets were regarded as possible factors of the disease, I thought it right to recommend alterations to the inflow and outflow pipes to the tanks, and the removal of certain closets to positions where they could be directly ventilated into the outer air. Notwithstanding that the death rate has been high this year, the general health of the inmates was satisfactory. The percentage of cases recovered and relieved, calculated on the admissions (46.77), remains about the same as in the previous year.

Of the number remaining on the 31st December, 36 are returned as curable, 28 epileptic, 13 harmless imbeciles, and 4 idiots. During the year 12 men and 7 women were allowed on trial, out of whom 3 men and 6 women recovered. The number of patients sent to the asylum by friends was 3, and 54 were brought by the police.

The numbers subjected to seclusion and restraint were 19 males and 10 females.

*Casualties.*—On the morning of the 16th April a male patient (J. J. W.) was found hanging by part of a sheet tied to a water-pipe in G ward. The man was an inmate of the asylum since October 1867, and nothing in his conduct or manner led any one to suspect that he was suicidal. He was frequently engaged on the farm, and at one time he was allowed out on trial. A coroner's jury made full enquiry into the cause of his death, and returned a verdict of "Suicide by hanging." No blame could be attached to any member of the staff. On the 18th April, a female patient (M. A.) fell in the airing court, causing a dislocation of the right shoulder joint; but enquiry into the matter by the superintendent relieved the warders of any blame.

*Work.*—The returns of produce from the farm and garden and the quantity of work done in the shops will be seen in Appendix A. Owing to a large portion of the reserve having been fenced off to make plantations that are needed to afford shelter to the airing court of the asylum, it was necessary to seek some extra grazing land on which the cattle could be depastured. After some search, this was obtained at

Moore's Reef, situate about three miles distant, and this ground has been fenced in by the patients, who also made a large dam in the enclosure. All the milk required by the establishment is produced from the farm.

About 3 additional acres of land have been planted with trees this year, and those planted during previous years are in a good healthy condition, though, owing to the very poor nature of the soil, they still require much care and labor bestowed on them. The quantity of ground under crops in this year was 61 acres; and, including Moore's Reef reserve, the pasture land amounts to about 410 acres, carrying a stock of 1 bull, 31 cows, 5 heifers, and 10 calves. The estimated value of the farm produce is £1,230 9s. 6d., and the expenses of salaries, seeds, stock, repairs, forage, and incidental expenses, £391 17s. 3d.; showing that the farm is managed at a profit to the Government of £838 12s. 3d.

The quantity of land now under shrubberies, flower gardens, and plantations is about 41 acres; and the kitchen garden contains about 2 acres. The return of vegetables has, however, been so very small for some years past that it has been determined to give up the present garden, and accordingly a fresh site has been chosen and fenced in. It is expected that the new ground will prove more remunerative than the old one, as it has been arranged to carry down to it for irrigation all the waste water of the building.

*Inspection.*—On the 22nd and 23rd March I paid a visit of inspection to this asylum, when I found there were 206 men and 153 women under care; 3 men and 2 women were confined to bed by debility, paralysis, and rheumatism; no one was in seclusion; and only 2 men and 1 woman were restrained by camisoles. I was told, in reply to enquiries, that the men's camisoles were removed at meal times and at night, but were worn every day. I advised the superintendent to make persistent efforts against restraint becoming habitual in any case, and with this view to have camisoles and gloves kept in the surgery to be issued only on a medical order. The provisions and stores generally were good, with the exception of butter, which the steward was directed to return to the contractor. The farm and garden works were carried on as usual, and additional land was being fenced in for grazing purposes. I had occasion to call attention to the untidy state of some of the women's dresses.

On the 14th and 15th June, 355 patients were under care when I visited the asylum, and though both days were bleak and cold, and the patients necessarily kept indoors, there was very little excitement among them; the rooms and corridors were comfortably warm, and the atmosphere free from taint; the bedding was clean and in good order, each bed being supplied with three good blankets, sheets, and a rug, a reserve being kept by the head warder for the use of any patient requiring additional covering. Only 3 men and 4 women were in bed on account of chronic maladies, and all the rest of the inmates were in satisfactory health.

At my visit of inspection on the 28th and 29th September, I found 359 patients in the asylum. They were more than usually tranquil, and very free from sickness of any kind. A few patients of destructive habits wore gloves, but no one was in any other form of restraint. I have already stated that the death rate is high, and at this time I learnt that a number of patients were sent to the asylum in such a state of prostration from mental and bodily disease that they succumbed within a few weeks of their reception, no fewer than 13 patients of those admitted in the year having died. The average number employed is 115 men and 90 women, who are engaged in various useful occupations about the asylum and on the grounds.

I again visited on the 29th November, when I found that 364 patients were under care, and that 11 of those on the registers were absent on trial with their friends. A few patients, feeble from old age or from chronic brain disease, were confined to bed. The medical journal showed a satisfactory diminution in the amount of restraint by camisole. The store was clean, the goods in it properly classed and in good condition. I saw the dinner served in both divisions, and was satisfied with the quantity and the quality of the food and the manner of its distribution. The various statutory books were seen and signed, and the recent orders of admission were examined and found to be in proper form.

The inspection of this asylum by the local board of official visitors has been made as usual, and their reports on the state and condition of the institution have generally been of a satisfactory character.

LUNATIC ASYLUM, BEECHWORTH.

TABLE XVI.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

				Males.	Females.	Total.
In the asylum on 1st January 1877	...	...	...	284	194	478
				Males.	Females.	Total.
Admitted for the first time	...	...	...	24	4	28
Re-admitted	...	...	...	6	1	7
Transferred during the year	...	...	...	1	...	1
Retaken	...	...	...	6	...	6
Total admitted	...	...	...	37	5	42
Total under care during the year	...	...	...	321	199	520
Discharged, removed, &c.:—				Males.	Females.	Total.
Recovered	...	...	...	16	11	27
Improved	...	...	...	...	...	...
Transferred	...	...	...	2	4	6
Escaped	...	...	...	9	...	9
Died	...	...	...	19	2	21
Total discharged, died, &c., during the year	...	...	...	46	17	63
Remaining in the asylum on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	275	182	457
Average numbers resident during the year	...	...	...	277	187	464

TABLE XVII.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &c., per Cent. on the Admissions, for the Years 1867 to 1877.

Year.	Admitted.			Discharged.									Died.			Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.		
	Males.	Females.	Total.	Recovered.			Relieved.			Transferred.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
				Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.															
1867	17	4	21	...	...	...	...	...	...	...	...	...	1	...	1	55	16	71	25	9	34	...	...	...	4'00	...	2'90
1868	19	10	29	6	4	10	...	1	1	...	...	...	7	...	7	176	119	295	129	83	212	31'57	50'00	39'73	5'40	...	3'30
1869	19	12	31	11	5	16	2	2	4	1	1	2	9	2	11	171	127	298	173	127	300	68'42	58'33	64'51	5'20	1'57	3'66
1870	16	11	27	5	5	10	...	5	5	1	1	2	6	1	7	176	127	303	171	126	297	31'25	90'90	55'55	3'50	0'79	2'33
1871	27	8	35	10	3	13	1	2	3	...	...	...	8	2	10	184	128	312	177	126	304	40'74	62'50	45'71	4'51	1'58	3'28
1872	36	9	45	14	7	21	...	3	3	3	3	3	11	3	14	191	124	315	189	125	315	38'88	111'11	53'33	5'88	2'40	4'44
1873	30	11	41	13	6	19	1	...	1	...	...	...	14	3	17	192	126	318	190	122	313	46'66	54'54	48'78	7'36	2'45	5'43
1874	21	11	32	9	6	15	3	1	4	...	...	...	9	1	10	192	129	321	190	125	315	57'14	63'63	59'37	4'73	0'80	3'17
1875	25	8	33	10	1	11	1	...	1	...	...	...	6	3	9	235	132	367	195	129	324	44'00	12'50	36'36	3'07	2'32	2'77
1876	22	19	41	15	5	20	...	3	3	5	3	8	16	8	24	284	194	478	271	168	439	68'18	42'10	56'09	5'90	4'76	5'46
1877	30	5	35	16	11	27	...	...	...	2	4	6	19	2	21	275	182	457	277	187	464	53'33	...	77'14	6'85	1'06	4'52

*Statistics.*—On the 1st January there were 478 patients in the asylum. The admissions during the year were 28 for the first time, 7 re-admitted, 1 transferred, and 6 retaken, making the number under care 520. The number of recoveries (16 men and 11 women) is equal to 77'14 in every 100 of the admissions. There were 6 patients transferred from the asylum, 9 escaped, and the mortality (21) is 4'52 per cent. of the daily average numbers resident. Of the number remaining on the 31st December, 11 are returned as curable, 15 epileptics, 69 harmless imbeciles, 4 adult idiots, and 1 idiot girl under 15 years of age. The number allowed on trial during the year is 15, and 14 of these were discharged cured. Of the total number of patients received in the year, 3 were sent by friends, 26 by the police, 3 from hospitals and benevolent asylums, and 3 from the gaols. The number who have been subjected to seclusion and restraint is 95.

*Casualties.*—E. L. fractured her right thigh by a fall in the ward. J. P. dislocated his right elbow by a fall when jumping over a seat in the yard. J. H. K. suffered a fracture of the right tibia in attempting to climb over an airing court fence. A. K. suffered a fracture of the right femur in a struggle with another patient. In addition to the above, there have been a few cases of minor accidents that will be found duly recorded in the medical journal.

*Work.*—Appendix A contains returns of work done by the male and female patients in the garden, on the farm, and in the workshops. The yield of fresh vegetables from the garden is equal to about  $\frac{3}{4}$  lb. daily to each inmate. The farm is carried on at an expense of £293 9s., and the amount of produce from it is estimated to be worth £383 16s. 9d., a profit being thus shown of £90 7s. 9d.

*Inspection.*—On the 15th March I visited this asylum, when I saw 281 men and 189 women under care. Their general health was very good, with the exception of a few slight cases of ophthalmia. Only 2 women were in bed, 1 on account of debility, and the other on account of an old injury to the hip. Several male and female patients were wearing camisoles, to prevent them from destroying property or injuring themselves or others, and I pointed out to the superintendent the desirability of using

every means to shorten the duration of restraint, and advised the withdrawal from ward stock of all articles used for this purpose. The establishment was clean and in excellent order, and the various out-offices were in a creditable state. Occupations and amusements were as heretofore, and I was glad to learn that strenuous efforts were being made to form a band amongst the staff; and if the endeavor should be carried out successfully, a valuable means of enjoyment both to officers and patients will be secured. Since my visit in last December, Dr. Watkins has entered on duty as acting medical superintendent in place of Dr. Dick transferred to Kew.

At my visit on the 22nd June I found 467 patients in the asylum. In the male division there was a mild case of typhoid fever, which was isolated and placed under the care of special attendants, one for day and another for night duty, and all necessary measures were adopted to prevent a spread of the disease. A second man, who had some suspicious symptoms, was separated for special observation, but it had not at this time been thought necessary to isolate him. There were (including the 2 mentioned) 4 male and 3 female patients in bed at the time of my visit. Dr. Watkins brought under my notice two charges of ill-treatment against a female warder, which were duly investigated and dealt with, the records of them being entered in the office. The stores were examined, and the quality of supplies generally was good, with the exception of butter, which was specially brought under my notice, and with which I was so dissatisfied that I directed a formal complaint to be addressed to the contractor, a copy being forwarded to the Tender Board, and a sample of the peculiar looking fat which had been melted from the butter by means of hot water to be sent to me in Melbourne for the purpose of analysis. With reference to my recommendation respecting the use of camisoles, Dr. Watkins now informed me that they are kept in the surgery, and are issued only on medical order; and I was glad to observe that the amount of mechanical restraint had diminished in consequence.

At the time of my visit on the 20th September there were 460 patients under care. The building was neat and clean throughout, the bedding sufficient in quantity, and the various rooms and corridors of a comfortable temperature, and free from offensive odors. With the exception of some feeble chronic cases, I found the patients in good bodily health, and for the most part tranquil in their behaviour. I saw many of the patients at dinner, and was satisfied as to the quantity and quality of the provisions, as also with the manner of distribution to the patients. The stores were inspected, and found in a satisfactory state.

I again visited on the 20th December, when the number under care was 457, and of these only 2 females were in bed. The medical journal shows diminished frequency and lessened duration of restraint and seclusion. A complaint by a male patient against a warder was investigated by the official visitors on the 8th October, but as the papers were in the hands of the board, I was unable to peruse them. It is proposed to vary the accustomed amusements by obtaining a waggonette and light-harness horses to give a few patients a drive into the country once or twice a week, and I think such change is likely to be most beneficial, especially to those of feeble health and gloomy mind. The statutory books were examined, and the orders of admission were found in proper form.

#### LUNATIC ASYLUM, BALLARAT.

TABLE XIX.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

				Males.	Females.	Total.
In the asylum on 1st January 1877	...	...	...	...	...	...
				Males.	Females.	Total.
Admitted for the first time	...	...	...	...	1	1
Re-admitted	...	...	...	...	...	...
Transferred during the year	...	...	...	21	21	42
Retaken	...	...	...	...	...	...
Total admitted	...	...	...	...	...	43
Total under care during the year	...	...	...	21	22	43
Discharged, removed, &c. :—				Males.	Females.	Total.
Recovered	...	...	...	...	...	...
Improved	...	...	...	...	...	...
Transferred	...	...	...	...	1	1
Escaped	...	...	...	1	...	1
Died	...	...	...	...	...	...
Total discharged, died, &c., during the year	...	...	...	1	1	2
Remaining in the asylum on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	20	21	41
Average numbers resident during the year	...	...	...	12	11	23

TABLE XX.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &amp;c., per Cent. on the Admissions, for the Year 1877.

Year.	Admitted.			Discharged.									Died.	Remaining on the 31st December in each Year.			Average Numbers Resident.			Percentage of Cases Recovered and Relieved on Admission.			Percentage of Deaths on the Average Numbers Resident.			
				Recovered.			Relieved.			Transferred.																
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
1877	...	1	1	...	...	...	...	...	...	...	...	...	...	...	20	21	41	12	11	23	...	...	...	...	...	...

This building, which was formerly used as an industrial school, was handed over to me early in the year for use as an asylum for idiot children and harmless adult idiots, but, owing to the extensive repairs and alterations that were required to make it a fit place for the purpose intended, I was unable to occupy it until the 29th August, and on the 31st December there were under care 20 males and 21 females. The building will only accommodate 120 men and 80 women, but considerable relief will be given to the Melbourne asylums when that number can be removed to Ballarat. I visited the asylum in September, and again in December, and the local official visitors have also regularly inspected the establishment.

As the class of patients who are under care in this asylum are imbeciles and idiots (children and adults), principally needing the attendance of good nurses, it was not thought necessary to provide the services of a resident medical officer, and, accordingly, arrangements have been made with Dr. R. Bunce, of Ballarat, to visit the establishment at least once each day, and as often as his services are needed in special cases.

Reference has been made in the maintenance table to the actual expenditure at this asylum for the time it has been opened, but it is not possible to arrive at exact conclusions on this head until the establishment shall have been in full working for at least a year.

#### LICENSED HOUSE, CREMORNE.

The number of patients treated in this establishment during the year was 68, of whom 35 were discharged cured, 3 improved, 3 transferred, and 1 escaped; leaving under care, on the 31st December, 14 men and 12 women. Visits have been made by the board of visitors for the Melbourne district, who have furnished you with quarterly reports of the state and condition of the building and patients. It was also visited by me on the 11th April, 27th June, 17th July, 4th October, and 4th December, and I am satisfied that due care and attention is bestowed on the inmates, also that the buildings are suitable for their treatment and safe custody.

In Appendix E will be found a return of the number of inspection visits to the various asylums of the colony, and other information of the distances travelled and the number of patients under care at the time of each visit.

E. PALEY,  
Inspector of Lunatic Asylums.

## APPENDICES.

## APPENDIX A.

RETURN showing the Average Number of Patients Employed during the Year 1877.

Occupations.	Males.					Occupations.	Females.				
	Yarra Bend.	Kew.	Ararat.	Beechworth.	Ballarat.		Yarra Bend.	Kew.	Ararat.	Beechworth.	Ballarat.
Farm and Garden Labor	100	67	53	75	6	Fancy Work	2	5	10	...	...
Household Work	175	181	59	66	3	Household Work	72	65	22	39	5
Workshops	15	14	3	14	...	Laundry Work	46	87	14	19	1
Miscellaneous	10	22	...	...	1	Sewing	150	45	20	42	3
Totals...	300	284	115	155	10	Totals...	270	202	66	100	9

RETURN of Produce from the Asylum Farms during the Year 1877.

Item.	Yarra Bend.	Kew.	Ararat.	Beechworth.	Ballarat.
Barley	100 bshls.	...	...	12 bshls.	...
Beans	...	...	...	...	...
Beef	3,695 lbs.	...	...	...	...
Butter	789 "	...	116 $\frac{1}{8}$ lbs.	...	...
Canary Seed	...	...	...	...	...
Carrots	...	...	1,114 lbs.	...	...
Cabbage	...	...	242 "	...	...
Eggs	180 $\frac{8}{13}$ doz.	...	302 $\frac{2}{12}$ doz.	227 doz.	...
Firewood	36 tons	...	...	...	...
Fruit	282 lbs.	...	...	...	...
Green Food	32,415 bndls.	...	50 tons	28 $\frac{1}{2}$ tons	...
Hay	40 tons	23 tons	134,400 lbs.	16 "	...
Mangold	254,095 lbs.	...	201,600 "	...	...
Milk	60,262 qts.	47,064 qts.	23,702 $\frac{1}{2}$ qts.	9,711 qts.	825 qts.
Oats	...	...	...	...	...
Peas	...	...	...	60 bshls.	...
Pork	3,637 lbs.	7,948 lbs.	3,176 lbs.	2,707 lbs.	...
Potatoes	28,255 "	...	...	...	...
" small	...	...	...	4,389 lbs.	...
Poultry	150 lbs.	...	...	87 "	...
Rye	...	...	...	10 bshls.	...
Straw	7 tons	...	2,240 lbs.	4 tons	...
Turnips	...	...	44,800 "	...	...
Veal	302 lbs.	507 lbs.	...	257 lbs.	...
Wheat	...	...	720 lbs.	40 bshls.	...

RETURN of Produce from the Asylum Gardens during the Year 1877.

Item.	Yarra Bend.	Kew.	Ararat.	Beechworth.	Ballarat.
	lbs.	lbs.	lbs.	lbs.	lbs.
Artichokes	...	...	...	26	...
Beans	1,398	2,885	618	405	...
" French	862	...	...	...	...
Beet	1,815	...	...	...	...
Carrots	12,233	12,395	...	10,801	...
Cabbages	75,386	71,391	19,642	38,830	176
Canliflowers	6,678	12,712	1,309	7,585	...
Celery	1,020	1,888	...	...	...
Cress	...	...	982	...	...
Cucumbers...	866	1,529	...	397	...
Lettuces	6,114	2,426	1,419	619	...
Marrows	13,611	9,259	9,210	6,816	...
Onions	14,584	7,068	3,966	2,620	...
Peas	1,757	500	756	180	12
Parsnips	10,353	6,570	...	14,069	...
Pumpkins	5,521	14,594	...	23,067	...
Parsley and Herbs	...	1,891	...	...	...
Potatoes	...	...	...	20,313	...
Radishes	3,333	3,466	3,218	76	...
Rhubarb	1,639	997	494	...	...
Soup Vegetables	6,099	...	...	2,519	...
Spinach	297	...	...	...	...
Tomatoes	5,992	3,302	72	...	...
Turnips	6,106	8,030	...	6,179	50
Fruit, Melons, &c.	992	1,588	...	7,478	228

## RETURN of Clothing Made up and Repaired by Male Patients during the Year 1877.

Item.	Yarra Bend.		Kew.		Ararat.		Beechworth.		Ballarat.	
	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.
Boots—Men's ... ..	...	...	3	...	...	...	1	...	...	...
"  "  Soled ... ..	...	611	...	16	...	...	...	...	...	...
"  "  Soled and Heeled ... ..	...	300	...	532	...	396	...	443	...	...
"  Women's ... ..	...	...	...	...	...	...	...	...	...	...
"  "  Soled ... ..	...	298	...	39	...	...	...	...	...	...
"  "  Soled and Heeled ... ..	...	200	...	22	...	31	...	...	...	...
Canvas Caps ... ..	...	...	18	...	...	...	12	14	...	...
"  Dresses ... ..	10	54	18	59	23	...	7	19	...	...
"  Jumpers ... ..	...	293	...	...	...	...	...	1	...	...
"  Rugs ... ..	...	6	...	...	...	...	...	...	...	...
"  Slippers ... ..	...	...	...	...	...	...	...	...	...	...
"  Trousers ... ..	...	...	...	...	11	...	...	...	...	...
Coats ... ..	7	223	4	743	...	...	...	372	...	...
Gloves—Canvas and Leather ... ..	...	...	20	76½	...	36	13	20	...	...
Hair Beds ... ..	...	...	...	...	...	...	8	9	...	...
Sunblinds... ..	13	...	...	...	...	...	...	...	...	...
Trousers ... ..	18	1,693	4	2,501	...	...	...	1,206	...	...
Vests ... ..	6	261	5	536	...	...	...	76	...	...
Woollen Rugs ... ..	...	...	...	...	...	...	...	1	...	...
Cricket and Foot Balls ... ..	...	...	...	40	...	...	...	...	...	...
Tunics—Serge ... ..	...	124	...	...	...	...	...	...	...	...

## RETURN of Clothing Made up and Repaired by Female Patients during the Year 1877.

Item.	Yarra Bend.		Kew.		Ararat.		Beechworth.		Ballarat.	
	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.	Made up.	Repaired.
Aprons ... ..	...	...	24	...	24	...	32	...	...	...
Blinds—Holland ... ..	...	...	...	...	38	...	...	...	...	...
Blankets ... ..	...	50	...	...	...	60	...	85	...	...
Bonnets—Sun ... ..	200	1,765	424	1,097	80	437	50	1,985	20	...
Cap Covers ... ..	...	...	...	...	...	...	...	...	...	...
Coats ... ..	...	...	...	...	...	265	...	436	...	5
Dresses—Canvas and Duck ... ..	5	49	...	534	14	617	...	712	...	...
Chemises—Cotton ... ..	179	2,206	506	2,817	368	718	220	2,613	10	8
"  Flannel ... ..	423	315	216	999	303	513	85	1,539	...	...
Dresses—Linsey and Print ... ..	443	3,179	349	2,944	439	740	434	3,737	20	6
Drawers ... ..	51	45	137	348	55	...	40	...	...	...
Gowns—Night ... ..	...	149	50	...	16	31	...	...	...	...
Jumpers—Canvas ... ..	...	...	...	404	...	...	...	768	...	...
Laundry Cloths ... ..	...	...	...	...	...	...	...	...	...	...
Mattresses—Hair ... ..	...	...	...	...	45	...	...	...	...	...
"  Cases ... ..	20	...	...	...	...	...	...	...	...	...
Paillasses ... ..	...	...	...	...	...	...	...	...	...	...
Petticoats—Cotton ... ..	268	1,109	311	1,032	225	763	123	2,241	70	...
"  Flannel ... ..	...	826	298	1,283	415	852	110	2,235	20	...
Pinafores ... ..	...	...	...	...	...	...	...	...	...	...
Pillows—Hair ... ..	...	...	...	...	46	...	...	...	...	...
Pillowslips ... ..	2,415	220	830	285	448	73	494	1,401	...	...
Rugs ... ..	...	52	...	...	...	40	...	...	...	...
Shrouds ... ..	...	...	...	...	...	...	17	...	...	...
Sheets ... ..	2,287	4,038	1,813	1,343	777	86	569	2,149	152	...
Shirts—Cotton ... ..	1,117	6,158	1,384	6,031	515	2,185	608	1,477	32	...
"  Serge ... ..	297	450	234	654	63	314	153	656	...	...
Socks and Stockings ... ..	...	8,959	...	5,664	...	4,713	...	4,149	...	...
Tablecloths ... ..	123	26	121	265	180	...	33	239	100	...
Ticks—Bed ... ..	287	112	337	...	185	59	129	1,376	52	...
"  Pillow ... ..	159	98	195	...	255	...	101	...	60	...
Towels ... ..	342	27	230	...	267	...	103	217	200	...
Trousers ... ..	...	...	...	...	...	2,259	...	2,246	...	8
Vests ... ..	...	...	...	...	...	346	...	368	...	3
"  Flannel ... ..	200	472	282	457	156	324	172	...	...	...
Wool Jackets ... ..	...	687	...	337	...	51	...	180	...	...





## APPENDIX D.

## GEE LONG INFIRMARY AND BENEVOLENT ASYLUM.

TABLE showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877 in the Lunacy Ward.

							Males.	Females.	Total.
In the ward on 1st January 1877	...	...	...	...	...	...	...	...	...
							Males.	Females.	Total.
Admitted for the first time	...	...	...	...	...	13	18	31	
Re-admitted	...	...	...	...	...	...	...	...	
Transferred during the year	...	...	...	...	...	...	...	...	
Retaken	...	...	...	...	...	...	...	...	
Total admitted	...	...	...	...	...	13	18	31	
Total under care during the year	...	...	...	...	...	13	18	31	
							Males.	Females.	Total.
Discharged, removed, &c.:	...	...	...	...	...	...	...	...	
Recovered	...	...	...	...	...	3	4	7	
Improved	...	...	...	...	...	...	...	...	
Transferred	...	...	...	...	...	10	14	24	
Escaped	...	...	...	...	...	...	...	...	
Died	...	...	...	...	...	...	...	...	
Total discharged, died, &c., during the year	...	...	...	...	...	13	18	31	
Remaining in the ward on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	...	...	...	...	...	

## APPENDIX E.

TABLE showing the Number of Patients Visited and the Number of Miles Travelled by the Inspector of Lunatic Asylums during the Year 1877.

Place Visited and Date of Visit.	Number of Patients at Date of Visit.		Number of Miles Travelled.		Place Visited and Date of Visit.	Number of Patients at Date of Visit.		Number of Miles Travelled.	
	Number.	Total.	Number.	Total.		Number.	Total.	Number.	Total.
Yarra Bend Asylum.*					Beechworth Asylum :				
Kew Asylum :					15th March ...	470		355	
14th January ...	902		2		22nd June ...	467		355	
21st February ...	914		2		20th September ...	460		355	
13th March ...	919		2		20th December ...	457		355	
30th May ...	936		2				1,854		1,420
28th June ...	935		2		Ballarat Asylum :				
8th August ...	923		2		29th September ...	5		4	
17th August ...	929		2		27th November ...	40		4	
20th August ...	926		2		30th November ...	39		4	
9th October ...	969		2				84		†12
10th October ...	970		2		Cremorne Licensed House :				
24th October ...	975		2		11th April ...	19		6	
14th November ...	963		2		27th June ...	21		6	
16th November ...	962		2		17th July ...	21		6	
11th December ...	972		2		4th October ...	23		6	
31st December ...	969		2		4th December ...	23		6	
Ararat Asylum :		14,164		30	Totals ...	...	17,646	...	2,804
22nd March ...	359		328				107		
14th June ...	355		328						
28th September ...	359		328						
29th November ...	364		328						
		1,437		1,312					

\* Visited by Board of Official Visitors—The Hon. J. T. Smith, M.P., Chairman; Drs. Barker, Campbell, and Youl; and James Farrell, Esq., M.P.

† Balance of distance included in Ararat.

## APPENDIX F.

## LICENSED HOUSE FOR THE INSANE, CREMORNE.

TABLE 1.—Showing the Admissions, Re-admissions, Discharges, and Deaths during the Year 1877.

								Males.	Females.	Total.
In the house on 1st January 1877	...	...	...	...	...	...	...	9	10	19
								Males.	Females.	Total.
Admitted for the first time	...	...	...	...	...	...	...	31	9	40
Re-admitted	...	...	...	...	...	...	...	8	1	9
Transferred during the year	...	...	...	...	...	...	...	...	...	...
Retaken	...	...	...	...	...	...	...	...	...	...
Total admitted	...	...	...	...	...	...	...	39	10	49
Total under care during the year	...	...	...	...	...	...	...	48	20	68
								Males.	Females.	Total.
Discharged, removed, &c. :—	...	...	...	...	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	29	6	35
Improved	...	...	...	...	...	...	...	3	...	3
Transferred	...	...	...	...	...	...	...	1	2	3
Escaped	...	...	...	...	...	...	...	1	...	1
Died	...	...	...	...	...	...	...	...	...	...
Total discharged, died, &c., during the year	...	...	...	...	...	...	...	34	8	42
Remaining in the house on the 31st December 1877 (inclusive of absent on trial, males and females)	...	...	...	...	...	...	...	14	12	26
Average numbers resident during the year	...	...	...	...	...	...	...	10	11	21

## LICENSED HOUSE FOR THE INSANE, CREMORNE.

TABLE 2.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries, &amp;c., per Cent. on the Admissions, for the Years 1867 to 1877.

Year.	Admitted.			Discharged.						Died.	Remaining on the 31st December in each Year.	Average Numbers Resident.	Percentage of Cases Recovered and Relieved on Admissions.			Percentage of Deaths on the Average Numbers Resident.								
				Recovered.		Relieved.		Transferred.																
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.			
1867	3	4	7	3	2	5	..	1	1	..	..	..	5	73	78	6	73	79	..	..	..			
1868	25	10	35	22	6	28	3	20	23	..	..	..	5	6	11	..	..	..	..	..	..			
1869	33	20	53	23	15	38	1	1	2	3	1	4	4	1	5	7	8	15	7	7	14	..	..	..
1870	36	15	51	23	14	39	2	..	2	4	2	6	2	..	2	10	7	17	8	7	15	..	..	..
1871	37	7	44	28	6	34	4	..	4	5	1	6	2	..	2	7	8	15	8	7	15	..	..	..
1872	35	12	47	25	11	36	2	..	2	4	1	5	1	..	1	10	7	17	7	7	14	..	..	..
1873	29	6	35	26	8	34	4	1	5	..	..	..	..	..	..	8	4	12	8	6	14	..	..	..
1874	41	15	56	41	8	49	..	2	2	..	..	..	..	..	..	7	9	16	7	6	13	..	..	..
1875	25	12	37	19	9	28	1	1	2	1	1	2	1	..	1	10	9	19	7	7	14	..	..	..
1876	36	12	48	32	10	42	5	1	6	2	..	2	..	..	..	9	10	19	9	8	17	..	..	..
1877	39	10	49	29	6	35	4	..	4	1	2	3	..	..	..	14	12	26	10	11	21	..	..	..

## LICENSED HOUSE FOR THE INSANE, CREMORNE.

TABLE 3.—Showing the Causes of Death during the Year 1877.

Nil.

## LICENSED HOUSE FOR THE INSANE, CREMORNE.

TABLE 4.—Showing the Length of Residence of those Discharged Recovered and of those who have Died during the Year 1877.

Length of Residence.	Recovered.			Died.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month ...	24	1	25	...	...	...
From 1 to 3 months ...	2	1	3	...	...	...
" 3 " 6 " ...	1	2	3	...	...	...
" 6 " 9 " ...	1	1	2	...	...	...
" 9 " 12 " ...	1	1	2	...	...	...
" 1 " 2 years ...	...	...	...	...	...	...
" 2 " 3 " ...	...	...	...	...	...	...
" 3 " 5 " ...	...	...	...	...	...	...
" 5 " 7 " ...	...	...	...	...	...	...
" 7 " 10 " ...	...	...	...	...	...	...
" 10 " 12 " ...	...	...	...	...	...	...
" 12 " 15 " ...	...	...	...	...	...	...
Over 15 years ...	...	...	...	...	...	...
Total ...	29	6	35	...	...	...

## LICENSED HOUSE FOR THE INSANE, CREMORNE.

TABLE 5.—Showing the Ages of Admissions, Discharges, and Deaths during the Year 1877.

Ages.	Admissions.			Discharges.						Deaths.		
	Males.	Females.	Total.	Recovered.			Removed, Relieved or otherwise.			Males.	Females.	Total.
				Males.	Females.	Total.	Males.	Females.	Total.			
From 5 to 10 years ...	...	...	...	...	...	...	...	...	...	...	...	...
" 10 " 15 " ...	...	...	...	...	...	...	...	...	...	...	...	...
" 15 " 20 " ...	...	...	...	...	...	...	...	...	...	...	...	...
" 20 " 30 " ...	2	2	4	2	1	3	1	...	1	...	...	...
" 30 " 40 " ...	9	4	13	8	3	11	1	...	1	...	...	...
" 40 " 50 " ...	19	3	22	17	2	19	2	2	4	...	...	...
" 50 " 60 " ...	7	...	7	2	...	2	1	...	1	...	...	...
" 60 " 70 " ...	2	1	3	...	...	...	...	...	...	...	...	...
" 70 " 80 " ...	...	...	...	...	...	...	...	...	...	...	...	...
" 80 " 90 " ...	...	...	...	...	...	...	...	...	...	...	...	...
90 and upwards ...	...	...	...	...	...	...	...	...	...	...	...	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	39	10	49	29	6	35	5	2	7	...	...	...