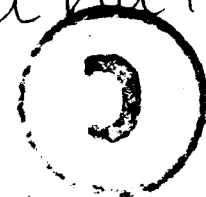


Report and Statistics showing

the working of the

Lunatic Asylum in the



Madras presidency

1887

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OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,
OOTACAMUND, 31st July 1888.

No. O/386.

From

G. BIDIE, ESQ., M.B., C.I.E.,

Surgeon-General with the Government of Madras,

To

Ootacamund.

THE CHIEF SECRETARY TO GOVERNMENT,

Judicial Department,

Ootacamund.

SIR,

I HAVE the honor to lay before the Right Honorable the Governor in Council a report and statistics, showing the working of the three Lunatic Asylums in the Madras Presidency in the year 1887.

2. GENERAL RESULTS.—The total number under treatment was 797, consisting of 619 males and 178 females, against 768 in the previous year, made up of 576 males and 192 females. The admissions, including re-admissions, amounted to 207 and were, therefore, 39 in excess of the number in 1886. The number discharged during the year was 124 (107 males and 17 females). Of these, 73 or 58·87 per cent. were cured, 24 or 19·35 per cent. transferred to friends, and 27 or 21·78 per cent. discharged otherwise. The deaths numbered 46 against 33 in 1886. At the close of 1887 there remained in the asylums 627 cases, being an increase of 37 over the number remaining at the end of the previous year.

3. The following statement contrasts the chief results in each of the three asylums in 1887, with the corresponding incidents in 1886 :—

Asylums.	Years.	Re- mained 31st Decem- ber.	Admit- ted.	Daily average strength.	Daily average sick.	Died.	Percentage of			
							Cures to daily average strength.	Deaths to daily average strength.	Cures to admis- sions.	Deaths to admis- sions.
Madras ...	1886	438	148	433·50	12·92	29	22·60	6·68	66·21	19·59
	1887	450	150	451·25	18·97	40	11·75	8·87	35·33	26·66
Vizagapatam.	1886	50	11	50·14	0·38	3	9·97	5·98	45·45	27·27
	1887	52	13	52·19	0·92	2	15·32	3·83	61·53	15·38
Calicut ...	1886	102	9	104·84	1·61	1	14·30	0·95	166·66	11·11
	1887	125	44	117·84	1·58	4	10·18	3·39	27·27	9·09

In all the three asylums the residual population at the end of 1887 was larger than at the same period of 1886, and the admissions were also in the several institutions more numerous in the former than in the latter year. The largest number of insanes locked up during any one night of the year was in Madras 472, Vizagapatam 56, and Calicut 127 ; while the existing accommodation is as follows :—

Madras space for Europeans and Eurasians	...	...	...	No. 145
Do. for Natives	...	...	...	402
Total	...	...	...	547
Vizagapatam space for Natives	...	...	...	63
Calicut do. do.	...	...	...	137

The daily average strength of insanes shows a notable increase over that of 1886 in all three institutions, and the daily average number of sick was also larger, except at Calicut. The deaths in 1887 were in Madras and Calicut more numerous than in 1886, but fewer in the Vizagapatam Asylum. The chief cases of intercurrent ailments and the causes of mortality amongst the insanes will be noticed further on. The rates per cent. of recoveries and deaths to average strength and admissions were more favorable than in 1886 in the Vizagapatam Asylum, but less so in the two others. Calicut, however, shows the lowest death-rate, viz., 3.39 per cent. of daily average strength.

4. The subjoined statement contrasts the general results in the three institutions for the entire asylum population in 1887, with the averages of the ten preceding years:—

Years.	Percentage to			
	Daily average strength.		Admissions.	
	Cured.	Died.	Cured.	Died.
1877-78 to 1886 ...	19.77	11.20	45.46	24.47
1887 ...	11.75	7.40	35.26	22.22

The rate of recoveries was therefore below the average, a result due in some measure to the accumulation of chronic cases. The rate of mortality, although higher than in 1886, was on the whole favorable as contrasted with the decennial average.

5. SEX AND NATIONALITY OF INSANES ADMITTED.—Of the 207 insanes admitted, 181 were males and 26 females, and the following abstract shows the caste or creed to which the several individuals belonged:—

Caste or Creed.	Males.	Females.	Total.
Europeans and East Indians ...	31	8	39
Hindus ...	105	16	121
Muhammadans ...	32	1	33
Native Christians ...	6	1	7
Other castes ...	7	...	7
Total ...	181	26	207

6. AGES OF INSANES ADMITTED:—

	Under 20 years.	20 to 40.	40 to 60.	Over 60.	Total.
Males ...	5	135	39	2	181
Females ...	2	20	4	...	26
Total ...	7	155	43	2	207

As usual the greatest number of admissions, both of men and women, took place between the ages of 20 to 40, the period of life at which the mental faculties are most taxed and the moral and physical causes that tend to produce insanity most likely to be encountered.

7. CAUSES OF INSANITY.—Of the total asylum population, amounting to 797, the alleged cause of attack was recorded in 337 instances, but in 460 cases could not be ascertained. As many of the insanes admitted are wanderers from their homes and uncared for by relatives, the difficulty of ascertaining any reliable points in their previous history is very great. The following abstract shows the

several ascertained causes which were believed to have produced mental aberration:—

Moral.	Males.	Females.	Total.	Physical.	Males.	Females.	Total.
Grief ...	13	9	22	Congenital ...	21	7	28
Family quarrels ...	11	...	11	Concussion of brain ...	2	...	2
Misfortune ...	5	1	6	Epilepsy ...	19	5	24
Religious excitement ...	9	5	14	Narcotic drugs ...	60	...	60
Infidelity on the part of wife ...	6	...	6	Intemperance (in alcohol) ...	12	2	14
Love and jealousy ...	1	...	1	Puerperal state ...	...	5	5
Loss of property ...	8	...	8	Privation ...	19	4	23
Over study ...	2	...	2	Syphilis ...	6	3	9
Dissipation ...	2	...	2	Fever ...	6	...	6
Satyriasis ...	1	...	1	Confinement in jail ...	3	...	3
Foreign service ...	2	...	2	Hereditary influence ...	16	11	27
Fright and nervous shock ...	9	1	10	Masturbation ...	5	...	5
Anxiety ...	3	3	6	Injury to head ...	3	1	4
Disappointment ...	3	...	3	Ill-treatment ...	...	1	1
Disgrace ...	1	1	2	Cysticerci of brain ...	1	...	1
Vicious habits ...	...	1	1	Phthisis ...	1	1	2
				Previous attacks ...	2	...	2
				Old age ...	3	...	3
				Other diseases ...	15	6	21
Total ...	76	21	97	Total ...	194	46	240

Amongst known *moral* causes the most frequent were grief, religious excitement, family quarrels, and nervous shock; and amongst *physical* the most prominent were narcotic drugs, congenital mental deficiency, hereditary influence, epilepsy and privation or starvation.

8. THE PROFESSIONS OR OCCUPATIONS of the 207 insanes admitted in the year were ascertained, except in 22 instances; and full details are given in table No. IV of Appendix. The largest number of admissions, viz., 37, under one head appears against "no occupation," the fact probably being that most of the individuals in this class were from feeble intellect unable at any period of their lives to engage in regular occupation. Of the 30 private soldiers admitted, 16 were Europeans and 14 Natives of India.

9. TYPES OF INSANITY.—Table VI of Appendix gives full details under this head, the ailments being designated and cases grouped according to the revised "Nomenclature of Diseases." The most prevalent types were mania (363 cases), dementia (240) and melancholia (51).

10. SICKNESS AND MORTALITY.—The general health of the inmates of the *Madras Asylum* was not satisfactory, the daily average sick from intercurrent ailments having been 18.97, and, therefore, greater than in any preceding year since 1880-81. The death-rate too was unfavorable, having been 8.87 per cent. of daily average strength against 6.68 in 1886. In the febrile group of diseases, there was a fatal case of typho-malarial fever and 2 cases of the eruptive fever (chicken-pox). Of specific constitutional ailments, there were 7 cases of syphilis and 2 of tubercular leprosy. The more frequent nervous complaints, apart from mental diseases, were meningitis (3), apoplexy (4), hemiplegia (4) and epilepsy (10). There was a singular absence of diseases of the circulatory system, the only cases recorded having been 2 of fatty heart, both of which were fatal. As usual, amongst the insane, respiratory diseases were common and serious. The more important admissions were for chronic bronchitis (8), asthma (4), lobular pneumonia (4) and chronic pneumonic phthisis (18). Intestinal diseases were very prevalent, there having been 29 cases of dysentery and 28 of diarrhoea. As usual, there was a number of local injuries, including 10 wounds of head and face, 2 dislocations of the lower jaw, 2 fractures of the forearm and 2 of the phalanges, and 1 dislocation. The largest number of deaths (13) resulting from any one disease was due to chronic pneumonic phthisis. Consumption is very common amongst insanes, and very insidious in its progress, as the usual more prominent symptoms are often

absent even in the most serious cases. Amongst the causes leading to its prevalence and great fatality in Madras may be included the privations to which most of the patients are subjected prior to admission. Thirteen deaths resulted from diseases of the nervous system, the most prominent amongst these being apoplexy (4), general paralysis of insane (2) and meningitis (3). Seven deaths were due to bowel-complaints, viz., 5 to dysentery and 2 to diarrhoea. Both ailments are sometimes brought on by over-eating or the ingestion of irritating substances.

In the *Vizagapatam Asylum* the general health of the insanes was more favorable than 1886, for, although the average daily sick rate was fractionally higher than in 1887, there was a decline in the mortality from 5.98 to 3.83 per cent. of daily average strength. The latter rate is remarkably low and cannot be expected to continue. As already remarked, this asylum was the only one of the three in which the proportion of recoveries was higher than in 1886. The ailments treated in hospital included 1 of epilepsy and 1 of paralysis, both fatal; 1 of pneumonia and 6 of bowel-complaints. There was only 1 case of injury, viz., a wound of the face.

In the *Calicut Asylum*, the daily average sick, viz., 1.58, was, considering the population, very moderate; and the death-rate 3.39 per cent. of daily average strength, although higher than in 1886, was very low, in fact lower than in any of the other institutions. The more serious ailments treated were dysentery (7), atrophy (7), epilepsy (2) and senile gangrene (1). The injuries sustained were fracture of the clavicle 1 and dislocation of the humerus 1. There were in all 4 deaths, viz., 3 from atrophy and 1 from hypertrophy.

11. CRIMINAL LUNATICS.—On the 1st January 1887 there remained of this class under treatment 90 males and 18 females, to whom were added during the year 49 males and 5 females, making a total of 139 men and 23 women. Of these, 19 were discharged and 9 died, leaving at the end of the year 134 of both sexes against 108 in 1886 and 110 in 1885. These figures do not include the criminal insanes, who were detained in jails for want of room in the asylums.

12. FINANCE.—In statement IX of Appendix will be found details as to cash accounts, and according to it the receipts amounted to Rs. 1,28,302-5-7 against Rs. 1,17,965-9-5 in 1886. Of the total receipts, Rs. 91,469-2-7 were drawn from the treasury and Rs. 34,522-3-2 received on account of paying patients, including those supported by Municipalities and Local Fund Boards. The actual receipts for self-supporting patients were Rs. 6,422-8-6, and for paupers supported at the expense of local authorities Rs. 28,099-10-8. The balance of receipts consisted of Rs. 2,068-8-3, the value of articles received from the manufacturing department, and Rs. 242-7-7, the cost of medical stores.

13. The subjoined statement contrasts the monthly average cost per patient, including the Superintendent's pay for 1887 with that for 1886, in each of the three asylums:—

Years.	Madras Asylum.		Vizagapatam Asylum.	Calicut Asylum.
	Europeans and Eurasians.	Natives.		
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1886	16 14 8	11 8 4	12 4 7	10 4 9
1887	16 11 7	11 2 6	10 2 1	9 13 8

In all three asylums the charges show a reduction in 1887, and the decrease in the Vizagapatam and Calicut institutions was very satisfactory.

14. In table X of Appendix will be found a statement of the establishment of each asylum and its cost. The total monthly charge for establishments was Rs. 2,984-8-0 against Rs. 3,088 in 1886. The decrease was chiefly due to the

substitution of a First-class Hospital Assistant for a Warrant Officer at Vizagapatam. The proportion of warders to patients was as usual 1 to 6.

15. The Madras Asylum was carefully inspected by me, and so was that of Calicut. In both I found the patients well attended to and the general arrangements and working of the institutions satisfactory. I also visited the Vizagapatam institution, but owing to the irregularity of the steamers on the east coast was unable to inspect it without great loss of time.

16. The usual industries were carried on and amusements provided for the patients.

I have the honor to be,

Sir,

Your most obedient Servant,

G. BIDIE, M.D., C.I.E.,

Surgeon-General with the Government of Madras.

APPENDIX

Statement showing the Admissions, Discharges, &c., of Lunatics

Years.	Remained on 1st April (from 1877-78 to 1884-85) and on 1st January (from 1885 to 1887).			Admitted.			Re-admitted.			Total population.			Discharged.										Died.			Remaining on 1st April 1878-79 to 1884-85 and on 31st December 1885 to 1887.						
													A.	B.		C.	D.															
																		Cured.	Transferred to friends.		Other-wise.	Total.										
																			Im-proved.	Not improved.												
														Males.	Females.														Total.	Males.	Females.	Total.
1877-78	209	67	276	83	26	109	1	1	2	293	93	86	179	11	1	2	3	4	4	72	25	97	51	15	66	170	53	223				
1878-79	170	53	223	94	41	135	1	1	2	265	94	85	18	56	16	3	19	2	2	4	6	6	62	23	85	39	47	164	68	232		
1879-80	164	63	227	104	30	134	1	1	2	269	94	86	18	51	15	6	21	1	1	12	1	13	65	20	85	25	7	32	179	67	246	
1880-81	179	67	246	90	30	120	2	2	4	271	97	88	87	12	49	13	6	19	1	1	10	10	60	18	78	16	7	23	195	72	267	
1881-82	195	72	267	93	30	123	2	2	4	290	102	89	23	11	39	14	8	22	1	1	16	16	58	19	77	15	2	17	217	81	298	
1882-83	217	81	298	117	67	184	3	1	4	337	119	45	19	48	43	8	51	1	20	1	21	93	23	121	23	7	30	221	84	306		
1883-84	221	84	306	114	33	147	2	1	3	337	118	45	49	17	66	18	7	25	1	4	2	6	71	26	97	16	3	19	250	89	339	
1884-85	250	89	339	112	38	150	4	4	8	368	127	49	46	8	54	23	6	29	5	5	5	2	6	74	14	88	13	12	25	279	101	380
1885	279	101	380	104	32	136	4	4	8	383	133	51	25	5	30	16	5	21	1	11	1	11	97	26	123	21	8	25	319	119	438	
1886	323	119	442	110	34	144	4	4	8	437	153	59	75	23	98	11	8	11	1	11	1	11	97	26	123	21	8	25	319	119	438	
1887	319	119	438	127	21	148	2	2	4	448	140	58	43	10	53	19	8	22	1	22	1	23	84	14	98	32	8	40	332	118	450	

The capacity of the Madras Lunatic Asylum at 60 superficial feet per European patient equals ... 146
 Do. do. do. do. Native do. ... 402

Total ... 547

VIZAGA

1877-78	33	8	41	19	3	22	...	52	11	63	4	2	6	1	1	...	1	1	6	2	8	7	1	8	39	8	47
1878-79	39	8	47	16	5	21	...	55	13	68	9	3	12	...	...	...	...	...	9	3	12	11	3	14	35	7	42
1879-80	35	7	42	12	2	14	2	2	49	9	58	7	2	9	...	2	...	...	9	2	11	9	1	10	31	6	37
1880-81	31	6	37	28	3	31	...	59	9	68	12	...	12	...	...	...	2	...	12	...	11	9	1	10	31	6	37
1881-82	34	7	41	8	6	14	...	42	13	55	5	3	8	...	...	...	...	1	1	6	3	9	10	2	26	8	34
1882-83	26	8	34	13	5	18	1	1	40	18	53	5	3	8	...	...	...	1	1	6	3	9	10	2	26	8	34
1883-84	33	10	43	19	2	21	2	2	54	12	66	8	1	9	...	1	...	1	1	9	10	2	2	45	9	54	
1884-85	45	9	54	8	3	11	...	53	12	65	8	3	11	...	...	...	...	1	1	8	3	11	5	6	42	7	49
1885	45	9	54	9	2	11	...	54	11	65	7	3	10	...	...	...	...	1	1	7	4	11	5	6	42	7	49
1886	42	7	49	8	1	9	2	2	52	8	60	4	1	5	1	1	...	1	1	6	1	7	8	3	43	7	50
1887	43	7	50	10	2	12	1	1	54	9	63	7	1	8	1	1	...	1	1	8	1	9	2	2	44	8	52

The capacity of the Waltair Lunatic Asylum at 60 superficial feet per patient equals--

Males ... 50

Females ... 13

Total ... 63

CALI

1877-78	33	13	46	11	6	17	...	1	4	44	20	64	7	6	13	2	2	...	7	6	13	5	1	6	32	13	45	
1878-79	32	13	45	10	5	15	2	2	4	44	20	64	6	7	13	2	2	...	8	7	15	8	...	8	36	13	49	
1879-80	28	13	41	15	3	18	2	2	4	45	16	61	10	2	12	...	...	...	10	2	12	1	1	2	34	13	47	
1880-81	34	13	47	16	11	27	1	1	2	51	25	76	8	6	14	...	...	...	8	6	14	6	1	7	37	18	55	
1881-82	37	18	55	27	7	34	2	2	2	66	25	91	13	6	19	1	1	2	14	7	21	4	1	5	48	17	65	
1882-83	48	17	65	32	9	41	2	2	2	82	26	108	8	1	9	...	1	1	8	2	10	11	1	12	63	23	86	
1883-84	63	23	86	31	11	42	2	1	3	96	35	131	18	5	23	...	1	2	3	19	9	28	3	3	74	26	100	
1884-85	74	26	100	33	11	44	4	1	5	111	38	149	21	6	26	...	3	1	4	24	6	30	4	1	5	83	31	114
1885	83	31	114	22	9	31	...	1	1	105	41	146	13	5	18	1	1	6	5	20	10	30	6	1	7	79	30	109
1886	79	30	109	7	1	8	1	...	1	87	31	118	10	5	15	...	...	...	10	5	15	1	1	1	76	28	104	
1887	76	26	102	41	2	43	...	1	1	117	29	146	10	2	12	...	1	1	4	15	2	17	4	4	98	27	125	
Grand Total for 1887.	438	152	590	178	25	203	3	1	4	619	178	797	60	13	73	20	3	23	1	126	127	107	17	124	38	846	474	1318

The capacity of the Calicut Lunatic Asylum at 60 superficial feet per patient equals--

Males ... 110

Females ... 27

Total ... 137

in the Asylums during the year 1887 and Ten previous Years

Daily average strength.			Daily average sick.			Percentage to									
						Daily average strength.			Admissions.						
						A.		B.		C.		D.			
						Cured.		Died.		Cured.		Died.			
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Total.
1887	193.50	62.00	255.50	12.25	3.25	15.50	28.94	35.48	30.52	26.35	24.19	25.83	62.66	84.61	70.90
1886	168.25	62.50	230.75	12.00	5.25	17.25	22.58	28.80	24.16	23.17	12.80	20.28	40.00	43.90	41.17
1885	181.25	65.25	246.50	12.75	3.25	16.00	20.96	19.92	20.68	13.79	10.72	12.98	36.19	41.93	37.50
1884	192.50	68.00	260.50	10.75	5.50	16.25	13.42	14.86	13.80	7.19	8.66	9.76	25.00	50.00	31.01
1883	208.50	74.00	282.50	10.75	5.50	16.25	13.42	14.86	13.80	7.19	8.66	9.76	25.00	50.00	31.01
1882	226.48	80.76	307.22	10.00	5.00	15.00	20.35	19.37	20.09	6.64	3.41	5.78	42.24	60.00	44.00
1881	240.75	87.75	328.50	8.60	4.10	12.70	20.35	19.37	20.09	6.64	3.41	5.78	42.24	60.00	44.00
1880	261.50	98.50	360.00	7.52	4.25	11.77	17.59	8.12	15.00	3.57	3.63	3.59	24.03	15.62	22.05
1879	307.53	110.11	417.64	8.00	6.50	14.50	8.12	4.54	7.18	3.57	3.63	3.59	24.03	15.62	22.05
1878	315.25	118.25	433.50	8.04	4.88	12.92	23.79	19.45	22.60	6.66	6.76	6.68	65.78	67.64	66.21
1877	331.75	119.50	451.25	11.74	7.23	18.97	12.96	8.36	11.75	6.64	6.69	8.87	33.33	47.61	35.33

The maximum number of lunatics confined during any one night was of--

Males ... 348

Females ... 124

Total ... 472

PATAM.

38.56	8.58	47.14	4.42	0.71	5.13	10.37	23.31	12.72	18.15	11.65	16.97	21.05	66.66	27.27	36.84	33.33	36.36
36.12	8.19	44.31	2.64	0.58	3.22	24.91	36.63	27.08	30.45	36.63	31.59	56.25	60.00	57.14	68.75	60.00	66.66
31.07	4.25	35.32	3.65	0.39	4.04	22.52	47.05	25.48	28.96	23.52	28.31	50.00	100.00	56.25	64.28	50.00	62.50
32.41	5.84	38.25	4.29	0.14	4.43	37.02	...	31.37	40.11	34.24	39.21	42.85	...	38.71	46.42	66.66	48.38
27.67	7.08	34.75	2.88	1.04	3.92	18.07	42.37	23.02	36.14	28.24	34.53	62.50	50.00	57.14	125.00	33.33	85.71
31.26	9.01	40.27	1.93	0.99	2.92	15.99	33.30	19.87	3.20	...	2.48	35.71	60.00	42.10	7.14	...	5.26
40.25	9.26	49.51	1.43	1.15	2.58	20.00	11.11	18.36	...	22.22	4.08	39.09	50.00	39.13	...	100.00	8.69
43.55	8.83	52.43	2.75	0.11	2.86	18.36	33.78	20.98	9.18	11.25	9.53	100.00	100.00	100.00	50.00	33.33	45.45
42.10	8.87	50.47	1.91	0.36	2.27	16.63	35.84	19.81	11.88	...	9.90	77.77	150.00	90.90	55.55	...	45.45
42.95	7.19	50.14	0.83	...	0.38	9.31	13.90	9.97	6.98	...	5.98	40.00	100.00	45.45	30.00	...	27.27
44.46	7.73	52.19	0.61	0.31	0.92	15.74	12.93	15.32	4.49	...	3.88	63.63	50.00	61.53	18.18	...	15.38

...any one night was of—

II.

Return of Criminal Lunatics during the year 1887 and Ten previous Years.

Years.	Retained on 1st April (from 1877-78 to 1884-85) and on 1st Jan. from 1885 to 1887.			Admitted.			Re-admitted.			Total.			Discharged, transferred, &c.			Died.			Remaining on 1st April 1878-79 to 1884-85 and on 1st Dec. 1886 to 1887.			Daily average strength.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																								
1877-78	65	6	71	15	1	16	...	...	...	80	7	87	21	...	21	19	2	21	40	5	45	50.50	5.00	55.50
1878-79	40	5	45	32	5	37	...	...	...	72	10	82	13	1	14	13	...	13	46	9	55	44.50	6.25	50.75
1879-80	46	9	55	20	1	21	...	...	...	66	10	76	18	2	20	11	2	13	37	6	43	40.50	8.00	48.50
1880-81	37	6	43	21	...	21	1	...	1	59	6	65	18	1	17	6	...	6	87	5	42	37.50	5.75	43.25
1881-82	37	5	42	15	3	18	...	...	...	52	8	60	9	...	9	2	...	2	41	8	49	38.50	5.00	43.50
1882-83	41	8	49	31	4	35	...	...	...	72	12	84	20	...	20	2	...	2	50	12	62	49.00	10.50	59.50
1883-84	50	12	62	23	2	25	1	...	1	74	14	88	14	4	18	2	...	2	68	10	68	55.50	10.50	66.00
1884-85	58	10	68	18	1	19	1	...	1	77	11	88	10	2	12	4	...	4	68	9	72	59.75	9.75	69.50
1885	63	9	72	8	2	10	...	...	...	71	11	82	8	...	8	1	...	1	62	11	73	58.50	9.75	68.25
1886	62	11	73	9	4	13	1	...	1	72	15	87	6	1	7	4	...	4	62	14	76	63.50	13.14	76.64
1887	62	14	76	27	4	31	1	...	1	90	18	108	9	4	13	6	1	7	75	13	88	68.75	13.50	82.25
VIZAGAPATAM.																								
1877-78	7	2	9	6	...	6	...	...	...	13	2	15	2	1	3	2	...	2	9	1	10	8.19	1.89	10.08
1878-79	9	1	10	3	...	3	...	...	...	12	1	13	1	...	1	3	...	3	8	1	9	7.68	1.00	8.68
1879-80	8	1	9	3	...	3	...	...	...	11	1	12	1	1	2	1	...	1	9	...	9	8.24	0.02	8.26
1880-81	9	...	9	4	1	5	...	...	...	13	1	14	2	...	2	2	...	2	9	1	10	7.84	0.49	8.33
1881-82	9	1	10	4	...	4	...	...	...	13	1	14	1	...	1	2	...	2	10	1	11	9.13	1.00	10.13
1882-83	10	1	11	3	...	3	1	...	1	14	1	15	3	1	4	...	...	...	11	...	11	11.27	0.88	12.15
1883-84	11	...	11	4	...	4	...	...	...	15	...	15	...	...	...	...	...	...	15	...	15	11.90	...	11.90
1884-85	15	...	15	1	...	1	...	...	...	16	...	16	...	...	...	1	...	1	15	...	15	15.79	...	15.79
1885	16	...	16	1	...	1	...	...	...	17	...	17	...	...	...	1	...	1	16	...	16	15.74	...	15.74
1886	16	...	16	...	...	...	...	...	...	16	...	16	2	...	2	...	...	...	14	...	14	14.73	...	14.73
1887	14	...	14	1	1	1	...	...	...	15	...	15	1	...	1	1	...	1	13	...	13	13.08	...	13.08
CALICUT.																								
1877-78	9	3	12	1	...	1	...	...	...	10	3	13	1	...	1	2	1	3	7	2	9	8.98	2.39	11.37
1878-79	7	2	9	2	...	2	...	...	...	9	2	11	2	1	3	4	...	4	3	1	4	5.75	1.04	6.79
1879-80	3	1	4	3	...	3	...	...	...	6	1	7	...	...	...	...	...	...	6	1	7	4.01	1.00	5.01
1880-81	6	1	7	6	...	6	...	...	...	12	1	13	1	...	1	1	...	1	10	1	11	8.90	1.00	9.90
1881-82	10	1	11	5	...	5	1	...	1	16	1	17	4	...	4	...	...	...	12	1	13	11.29	1.00	12.29
1882-83	12	1	13	3	1	3	1	...	1	16	2	17	1	...	1	2	...	2	13	2	14	11.70	1.01	12.71
1883-84	12	2	14	3	1	4	...	...	...	17	3	20	1	...	1	...	...	...	16	3	19	13.40	2.08	15.48
1884-85	16	3	19	9	...	9	...	...	...	25	3	28	5	...	5	1	...	1	19	3	22	17.29	3.00	20.29
1885	19	3	22	2	1	3	...	...	...	21	4	25	3	...	3	1	...	1	17	4	21	18.75	3.75	22.50
1886	17	4	21	...	...	...	...	...	...	17	4	21	3	...	3	...	...	...	14	4	18	15.00	4.00	19.00
1887	14	4	18	20	1	21	...	...	...	34	5	39	...	...	...	1	...	1	28	5	33	27.12	4.90	32.02
Grand Total...	90	18	108	48	5	53	1	...	1	139	23	162	15	4	19	8	1	9	116	18	134	109.01	18.40	127.41

III.

Return showing the Religion, Sex and Residence of Patients admitted during the year 1887.

Districts.	Europeans and East Indians.			Hindus.			Muhammadians.			Christians.			Other Castes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																		
Aroot (North)	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	2	1	3
Do. (South)	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	2	1	3
Akola	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Bangalore	...	...	1	4	...	4	...	...	...	...	...	...	...	...	...	4	...	4
Bellary	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burmah	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Berhamore	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Calicut	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Cuddapah	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Cuddalore	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calcutta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Chittoor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
China	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1
Dindigul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
England	...	...	17	...	...	17	...	...	...	...	...	...	...	...	...	17	...	17
Guntur	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Godavari	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	2	...	2
Kurnool	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	2	...	2
Kistna	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	3	...	3
Madras	...	5	3	8	21	3	24	7	...	7	3	...	...	...	...	36	6	42
Mayaveram	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Madura	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	3	...	3
Malabar	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1
Mysore	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
Mangalore	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Nellore	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Poonamallee	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	2	...	2
Poodookottah	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	1	1	2
Palamcottah	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	1	1	2
Pondicherry	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Produttore	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Ramnad	...	...	...	1	3	4	...	...	...	...	...	...	...	...	...	1	3	4
Salem	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1
Sindh	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	2	1	3
Secunderabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Scotland	...	2	2	3	1	4	...	...	...	...	...	...	...	...	...	3	1	4
Tanjore	...	...	...	2	...	2	1	...	1	...	...	...	...	...	...	3	...	3
Trichinopoly	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2	...	2
Tinnevely	...	...	...	3	...	3	2	...	2	...	...	...	...	...	...	5	...	5
Vellore	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	1	1
Vardapalli	...	...</																

IV.

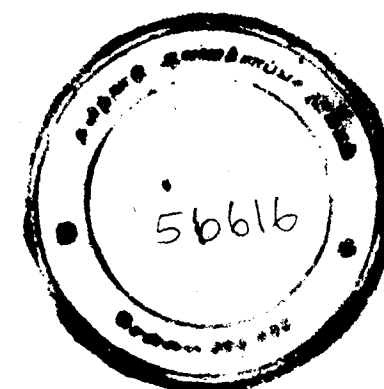
Return showing the previous Occupation of several Patients admitted during the year 1887.

Occupation.	Madras.			Visagapatam.			Calicut.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Auditor ...	1	...	1	...	...	...	...	...	...	1	...	1
Armourer Sergeant ...	2	...	2	...	...	...	...	...	...	2	...	2
Blacksmith ...	3	...	3	...	...	...	...	...	...	3	...	3
Beggar ...	3	...	3	...	...	...	1	...	1	4	...	4
Bangle maker ...	1	...	1	...	...	...	...	...	...	1	...	1
Book-seller ...	...	...	...	...	...	...	1	...	1	1	...	1
Bazaarman, Merchant, or	...	...	...	...	...	...	...	...	...	...	...	...
Trader ...	7	...	7	...	...	...	...	...	...	7	...	7
Cultivator ...	11	...	11	2	...	2	7	...	7	20	...	20
Cook ...	3	...	3	...	...	...	1	...	1	4	...	4
Cooly ...	13	2	15	1	2	3	13	...	18	27	4	31
Carpenter ...	1	...	1	...	...	...	...	...	...	1	...	1
Cigar Merchant ...	2	...	2	...	...	...	...	...	...	2	...	2
Clerk ...	1	...	1	...	...	...	...	...	...	1	...	1
Domestic Servant ...	...	...	...	...	...	...	1	...	1	1	...	1
Dhoby ...	1	...	1	...	...	...	...	...	...	1	...	1
Driver ...	3	...	3	...	...	...	1	...	1	4	...	4
Fakir ...	...	...	...	1	...	1	...	...	...	1	...	1
Farrier ...	1	...	1	...	...	...	...	...	...	1	...	1
Fish-seller ...	...	1	1	...	...	...	...	...	...	...	1	1
Goldsmith ...	2	...	2	...	...	...	...	...	...	2	...	2
Gardener ...	3	...	3	...	...	...	...	...	...	3	...	3
Hospital Assistant ...	1	...	1	...	...	...	...	...	...	1	...	1
Iron man ...	1	...	1	...	...	...	...	...	...	1	...	1
Land holder ...	1	...	1	...	...	...	1	...	1	2	...	2
Labourer ...	...	...	...	...	...	...	2	...	2	2	...	2
Lieutenant ...	1	...	1	...	...	...	...	...	...	1	...	1
Lance corporal ...	1	...	1	...	...	...	...	...	...	1	...	1
Musician ...	1	...	1	...	...	...	...	...	...	1	...	1
No occupation ...	13	16	29	...	...	...	5	3	8	18	19	37
Private soldier ...	28	...	28	...	...	...	2	...	2	30	...	30
Police Constable ...	3	...	3	...	...	...	...	...	...	3	...	3
Sepoy ...	...	...	...	3	...	3	...	...	...	3	...	3
Shipman ...	...	...	...	1	...	1	...	...	...	1	...	1
Stamp Vendor ...	1	...	1	...	...	...	...	...	...	1	...	1
Shepherd ...	1	...	1	...	...	...	...	...	...	1	...	1
School Master ...	1	...	1	...	...	...	...	...	...	1	...	1
Telegraph Signaller ...	2	...	2	...	...	...	...	...	...	2	...	2
Village Watchman ...	...	...	...	1	...	1	...	...	...	1	...	1
Vegetable-seller ...	...	1	1	...	...	...	...	...	...	...	1	1
Weaver ...	2	...	2	1	...	1	...	...	...	3	...	3
Unknown ...	14	1	15	1	...	1	6	...	6	21	1	22
Total ...	129	21	150	11	2	13	41	3	44	181	26	207

V.

Statement showing the Ages of several Patients admitted during the year 1887.

Sex.	Under 20 years.	20 to 40.	40 to 60.	Upwards of 60 years.	Total.
MADRAS.					
Males ...	3	95	29	2	129
Females ...	1	16	4	...	21
Total ...	4	111	33	2	150
VIZAGAPATAM.					
Males ...	1	8	2	...	11
Females ...	1	1	...	...	2
Total ...	2	9	2	...	13
CALICUT.					
Males ...	1	32	8	...	41
Females ...	...	3	...	...	3
Total ...	1	35	8	...	44
Grand Total ...	7	155	43	2	207



R
2211, 1637 M87
M88

Return showing the Types of Insanity during the year 1887.

Revised according to the new nomenclature and re-distributed under the above diseases according to the present mental condition of the Lunatics.

Table showing the alleged Causes of Insanity during the year 1887.

Table showing the alleged Causes of Insanity during the year 1887—continued.

	Physical—continued.										Moral.																							
	Ill-treat-ment.		Cystoeceri of brain.		Pthisis.		Previous attacks.		Old Age.		Other diseases.		Total Physical.		Grief.		Family quarrel.		Misfor-tune.		Reli-gion.		Infidelity on the part of wife or husband.		Love and jealousy perty.		Loss of pro-perty.							
	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.	Males.	Females.	Total.				
MADRAS.																																		
Remained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
{ Criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
{ Non-criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Improved	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Transferred to England	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Do. to Calicut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Escaped	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Remaining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
VIZAGAPATAM.																																		
Remained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
{ Criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
{ Non-criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Improved	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CALICUT.																																		
Remained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Non-criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Transferred	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Escaped	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table showing the alleged Causes of Insanity during the year 1887—continued.

[illegible]

VIII.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1887.

Diseases.	Remaining in hospital from previous year.			Admitted during the year.			Total.			Results.								
										Discharged "cured."		Discharged "otherwise."		Died.		Remaining sick.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																		
3. Chicken-pox				2		2	2		2									
16. Simple continued fever (Febricula)				5	5	10	5	5	10	5	5	10						
17. Typho-malarial				1	1	2	1	1	2									
23a. Malarial fever (ague)				2	1	3	2	1	3	2	1	3						
26a. Erysipelas, simple				2	2	4	2	2	4									
29a. Primary syphilis				2	2	4	2	2	4									
29b. Secondary syphilis				1	4	5	1	4	5	1	3	4						
55. Debility	2	2	4	4	2	6	6	4	10	4	3	7				1	1	2
66. Old age				1	1	2	1	1	2									
68. Rheumatism				1	1	2	1	1	2	1	1	2						
69a. Leprosy, tubercular				1	1	2	1	1	2							1	1	2
73. Anæmia				2		2	2		2	2								
81. Atrophy, left hemisphere cerebrum				1	1	2	1	1	2									
86(3). Meningitis				3	3	6	3	3	6									
88(3). Yellow softening of brain				1	1	2	1	1	2									
91. Apoplexy				4	4	8	4	4	8									
93. Hemiplegia	1	1	2	1	2	3	2	2	4	1	2	3						
122. Epilepsy				9	1	10	9	1	10	8	1	9						
129. Mania				1	1	2	1	1	2									
133. General paralysis of the insane				3	3	6	3	3	6									
147a. Conjunctivitis				2	2	4	2	2	4									
62a. Pterygium				1	1	2	1	1	2									
229. Blepharitis				1	1	2	1	1	2									
254a. Inflammation, external meatus				2	2	4	2	2	4									
289a. Fatty degeneration of the heart				1	1	2	1	1	2									
338b. Chronic bronchitis	2	2	4	5	1	6	7	1	8	7	1	8						
345. Spasmodic asthma				4	4	8	4	4	8									
349a. Pneumonia, lobular	1	1	2	3	3	6	3	3	6	1	4	5						
357. Chronic pneumonic phthisis	1	1	2	11	5	16	12	6	18	3	2	5						
36a. Thrush				2	2	4	2	2	4									
422. Quinsy				1	1	2	1	1	2									
452. Dyspepsia				6	1	7	6	1	7	6	1	7						
22. Dysentery	1	1	2	23	5	28	24	5	29	16	4	20						
473. Diarrhoea	2	2	4	14	12	26	16	12	28	13	12	25						
475. Colic				1	1	2	1	1	2									
480a. Hemorrhoids, internal				1	1	2	1	1	2									
483. Fistula in ano				1	1	2	1	1	2									
551. Bright's disease				1	1	2	1	1	2									
622c. Hydrocele, encysted				1	1	2	1	1	2									
636. Abscess, ovarian	1	1	2															
752a. Necrosis, central superior maxillary				1	1	2	1	1	2									
760b. Chronic synovitis	1	1	2															
812. Abscess	1	1	2	10	4	14	11	4	15	11	4	15						
849. Ulcer	2	2	4	1	1	2	1	1	2									
856. Whitlow				1	1	2	1	1	2									
870. Ring-worm				6	6	12	6	6	12									
873. Itch				1	3	4	1	3	4									
1038. Burns (hands and face) 1st degree				1	1	2	1	1	2									
1052a. Scalp, wound bone not exposed				2	4	6	2	4	6	2	4	6						
1064. Wound, face				2	2	4	2	2	4	2	2	4						
1072. Dislocation of lower jaw				2	2	4	2	2	4									
1164. Contusion, upper extremity				1	1	2	1	1	2									
1166. Wound do. do.				1	1	2	1	1	2									
1173a. Fracture, forearm (radius)				2	2	4	2	2	4									
1174. Fracture, phalanges				1	1	2	1	1	2									
1180. Dislocation, ulva				1	1	2	1	1	2									
1186. Contusion, lower extremity				1	1	2	1	1	2									
1187. Sprain, ankle				1	1	2	1	1	2									
1188. Wound, lower extremity	1	1	2	3	1	4	4	1	5	4	1	5						
18. Cysticercus testis cellulosa				1	1	2	1	1	2									
30. Ascaris Lumbricoides	1	1	2															
1. Elephantiasis				2	2	4	2	2	4									
Total	18	7	25	159	69	228	172	76	248	131	61	192	3	3	6	8	4	12

VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1887—continued.

Diseases.	Remaining in hospital from previous year.			Admitted during the year.			Total.	Results.											
								Discharged "cured."			Discharged "otherwise."			Died.			Remaining sick.		
	Males.	Females.	Total.	Males.	Females.	Total.		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
VIZAGAPATAM.																			
122. Epilepsy				1		1	1										1		
133. Paralysis of the insane				1		1	1										1		
338. Bronchitis					2	2		2			1	1							1
349. Pneumonia				1		1	1			1		1							
22. Dysentery				2		2	2			2		2							
473. Diarrhoea				4		4	4			4		4							
812. Abscess				5	1	6	5	1	6	5	1	6							
849. Ulcer				1		1	1			1		1							
1004. Wound, face				1		1	1			1		1							
30. Ascaris Lumbricoides				1		1	1			1		1							
Total				17	3	20	17	3	20	15	2	17					2		2
CALICUT.																			
16. Simple continued fever				5		5	5			5	5		5						
22. Dysentery				5	2	7	5	2		5	7		5	2					
55. Debility				1		1	1			1	1		1						
58. Rheumatism				1		1	1			1	1		1						
73. Anæmia				1		1	1			1	1		1						
81. Atrophy				7		7	7			7	4		4				3		3
117. Neuralgia				1		1	1			1	1		1						
122. Epilepsy					2	2		2	2		1	1					1		1
235. Hypertrophy				1		1	1			1									
452. Dyspepsia				1		1	1			1			1						
473. Diarrhoea				1	2	3	1	2	3	1	2	3							
475. Colic				1	1	2	1	1	2	1	1	2							
480. Hæmorrhoids				4		4	4			4	4		4						
490. Menorrhagia					3	3		3	3		3		3						
786. Abscess (muscles)				3		3	3			3	2		2						
812. Abscess (connective tissue).				1		1	1			1	1		1						
852. Boil				1		1	1			1	1		1						
854. Gangrene (a) senile				1		1	1			1			1					1	1
1170. Fracture of the clavicle				1		1	1			1			1						
1178. Dislocation of the humerus.				1		1	1			1			1						
Total				37	10	47	37	10	47	31	9	40					4		4

No. IX.

Statement showing the Cash Account of the Lunatic Asylums for the year 1887.

Receipts.										Expenditure.										
From manufacturing department on account of										From Treasury on account of										
Asylums.	Diet.	Clothing and bedding.	Bazaar medicines and hospital necessities.	Contingencies.			Total.	Value of medical stores, saving effected in establishment, lunatic labor, &c.	Value of articles received from manufacturing department.	Total.	Establishment.			Diet.	Clothing and bedding.	Bazaar medicines and hospital necessities and miscellaneous.	Contingencies.			Total.
				Contingencies proper.	Contingencies of manufacture.	Cash paid into Treasury for articles sold.					Establishment proper.	Superintendence.	Contingencies proper.				Contingencies of manufacture.	Repairs and maintenance.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
Madras	Rs. A. P. 67,999 1 2	Rs. A. P. 6,034 7 0	Rs. A. P. 15,359 5 8	Rs. A. P. ...	Rs. A. P. 1,691 7 4	Rs. A. P. 91,114 5 2	Rs. A. P. 19,139 9 0	Rs. A. P. 7,508 10 0	Rs. A. P. 32,553 1 0	Rs. A. P. 0 485 15 6	Rs. A. P. 8,183 0 3	Rs. A. P. 43,200 9 3	Rs. A. P. 8,130 14 0	Rs. A. P. 160 5 3	Rs. A. P. 67,961 0 8					
Vizagapatam.	9,789 7 3	...	4,693 5 5	...	223 14 0	14,656 10 8	3,117 12 3	600 0 0	2,332 4 10	59 11 6	0 2 0	126 3 7	...	6,286 2 2						
Calicut	13,780 10 2	358 1 6	8,046 15 7	243 7 7	153 2 11	22,531 6 9	4,646 10 6	600 0 0	6,370 1 5	251 7 0	963 7 8	247 2 5	196 5 0	456 8 2	13,780 10 2					
Expenditure—continued.																				
From manufacturing department on account of										Grand Total.										
Asylums.	Diet.	Clothing and bedding.	Bazaar medicines and hospital necessities.	Contingencies.			Total.	Works taken and accounted to the credit of the asylum.	Remitted to Treasury on account of paying patients.	Remitted to Treasury by Municipalities and Local Fund Boards.	Savings effected in the asylum establishment.	Charges on account of work done by Public Works Department.	Indulgences given as reward and annual treat for their inmates and purchase of necessities.	Cost of stationery.	Cost of European medicines.	Grand Total.				
				Contingencies proper.	Contingencies of manufacture.	Cash paid into Treasury for articles sold.														
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
Madras	Rs. A. P. 1,691 7 4	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. 1,691 7 4	Rs. A. P. ...	Rs. A. P. 6,064 7 0	Rs. A. P. 15,359 5 8	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. ...	Rs. A. P. 62 7 5	Rs. A. P. 575 9 6	Rs. A. P. 91,114 5 2				
Vizagapatam.	...	80 14 3	...	34 15 9	1 0 0	80 0 0	196 14 0	...	4,693 5 5	...	...	3,463 0 6	...	7 6 8	32 13 11	14,656 10 8				
Calicut	...	112 3 0	...	440 15 11	...	153 2 11	...	358 1 6	8,046 15 7	...	...	...	76 11 10	...	165 11 9	22,531 5 9				

* Includes the cost of hospital necessities and hospital miscellaneous which were kept back last year for want of funds.

† Includes Rs. 2,600 taxes on buildings for 2 years, 1886 and 1887, paid this year, which have hitherto been adjusted by the Accountant-General.

‡ Cash balance on hand.

§ Cost of stationery met from Manufacturing Department.

No. X.

Statement showing the sanctioned Establishment of Lunatic Asylums on 31st December 1887.

Establishment.	Madras.		Vizagapatam.		Calicut.		Total.	
	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.
Superintendent	1	Rs. A. P. 650 0 0	1	Rs. A. P. 50 0 0	1	Rs. A. P. 50 0 0	3	Rs. A. P. 750 0 0
Apothecary, First Class	1	260 0 0	...	...	...	...	1	260 0 0
Assistant Apothecary, First Class	...	...	...	...	...	...	...	...
Civil Apothecary	1	105 0 0	...	...	...	...	1	105 0 0
First-class Hospital Assistant	...	...	1	70 0 0	1	90 0 0	2	160 0 0
Do. European Attendants	2	100 0 0	...	...	...	...	2	100 0 0
Second-class do.	2	80 0 0	...	...	...	...	2	80 0 0
Native Head Warder	...	...	1	25 0 0	...	...	1	25 0 0
Matron	1	60 0 0	...	...	...	...	1	60 0 0
Assistant Matron	1	35 0 0	...	...	...	...	1	35 0 0
Steward	1	70 0 0	...	...	...	...	1	70 0 0
Assistant Steward	1	30 0 0	...	...	...	...	1	30 0 0
Writer	1	30 0 0	...	...	...	...	1	30 0 0
Steward and Clerk	...	...	...	...	1	19 0 0	1	19 0 0
First-class Native Attendants	2	24 0 0	...	...	...	...	2	24 0 0
Second-class do.	6	60 0 0	...	...	4	24 0 0	10	84 0 0
Third-class do.	50	400 0 0	...	...	...	...	50	400 0 0
First-class Warder	...	...	1	12 0 0	1	9 0 0	2	21 0 0
Second-class do.	...	...	2	20 0 0	3	24 0 0	5	44 0 0
Third-class do.	...	...	4	36 0 0	7	49 0 0	11	85 0 0
Night Watchmen	6	48 0 0	2	14 0 0	2	16 0 0	10	78 0 0
First-class Female Attendant	1	8 0 0	1	7 0 0	1	10 0 0	3	25 0 0
Second-class do.	3	18 0 0	1	6 0 0	1	8 0 0	5	32 0 0
Third-class do.	16	80 0 0	...	...	...	...	16	80 0 0
Night Watchwomen	4	24 0 0	...	...	2	14 0 0	6	38 0 0
Cook for Europeans and East Indians	1	12 0 0	...	...	...	...	1	12 0 0
Caste Cook for Natives	1	10 0 0	1	6 0 0	...	...	2	16 0 0
Cookwomen do.	1	7 0 0	...	...	1	7 0 0	2	14 0 0
Gate Peon	...	...	...	...	1	6 0 0	1	6 0 0
Watermen	...	...	...	...	...	...	...	...
Waterwomen	1	3 8 0	...	...	...	...	1	3 8 0
Washerman	...	...	...	...	1	8 0 0	1	8 0 0
Barber	1	11 0 0	...	...	...	...	1	11 0 0
Tailors	2	22 0 0	...	...	...	...	2	22 0 0
First-class Toties for night duty	2	15 0 0	...	...	...	...	2	15 0 0
Do. for day duty	2	14 0 0	1	7 0 0	1	7 0 0	4	28 0 0
Second-class Toties do.	6	36 0 0	1	6 0 0	4	24 0 0	11	66 0 0
Third-class do. do.	14	70 0 0	...	...	...	...	14	70 0 0
Toty women for night duty	1	5 0 0	...	...	2	8 0 0	3	13 0 0
Do. for day duty	7	28 0 0	1	4 0 0	...	...	8	32 0 0
Gate-keeper (Female)	1	6 0 0	...	...	...	...	1	6 0 0
Head Duffadar	...	...	...	...	1	15 0 0	1	15 0 0
Second do.	...	...	...	...	1	12 0 0	1	12 0 0
Daily average number of males	...	331-75	...	44-46	...	91-39	...	467-60
Do. do. of females	...	119-50	...	7-73	...	26-45	...	153-68
Proportion of male attendants to males	...	1 to 6	...	1 to 6	...	1 to 6	...	1 to 6
Do. of female attendants to females	...	1 to 6	...	1 to 6	...	1 to 6	...	1 to 6
Do. of male toties to males	...	1 to 13	...	...	...	1 to 13	...	1 to 13
Do. of female toties to females	...	1 to 15	...	...	...	1 to 15	...	1 to 15

Statement showing Receipts and Expenditure on account of the Lunatic Asylums during the year 1887.

JUDICIAL DEPARTMENT.

From the Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Ootacamund, 24th September 1888, No. O-532.

ABSTRACT.—Forwarding report on Lunatic Asylums for 1887.

ORDER—dated 5th November 1888, No. 2284, Judicial.

The Surgeon-General with the Government submits the report on the working of the three Lunatic Asylums, viz., Madras, Vizagapatam and Calicut, in the Madras Presidency for the year 1887. The following statement contrasts the chief results of the year with those of 1886:—

	1886.			1887.		
	Males.	Females.	Total.	Males.	Females.	Total.
Remaining at the end of previous year	444	156	600	438	152	590
Admitted	132	36	168	181	26	207
Deduct—						
Died	25	8	33	38	8	46
Cured	89	29	118	60	13	73
Transferred to friends	12	3	15	21	3	24
Otherwise	12	..	12	26	1	27
Remaining at the end of the year	438	152	590	474	153	627
Daily average strength	434.98	153.50	588.48	467.60	153.68	621.28
Daily average sick	9.66	5.25	14.91	13.46	8.01	21.47
Percentage of cures to daily average strength	20.46	18.89	20.05	12.83	8.45	11.75
Do. deaths to do.	5.74	5.61	5.60	8.12	5.20	7.40
Do. cures to admissions	67.42	80.55	73.29	33.14	50.00	35.26
Do. deaths to do.	18.94	22.22	20.49	20.99	30.77	22.22

2. Seven hundred and ninety-seven patients were under treatment during the year, as compared with 768 in 1886 and 727 in 9 months of 1885. The growth in total population, however, is due less to any increase in the number of admissions than to the accumulation of chronic cases.

					Admissions.
1882-83	..	..	..	..	220
1883-84	..	..	..	..	218
1884-85	..	..	..	..	214
1885 (nine months)	..	..	..	..	179
1886 ..	..	..	..	..	168
Average ..					210
Compare 1887 ..					207

population made by the Surgeon-General, it is evident that in each of the asylums nearly all the available space is occupied, the balance in the Madras asylum being probably due to the full space provided for European insanes not being occupied. It will soon be necessary to consider further the question of providing increased accommodation, especially for those classes of lunatics which are most numerous. In 1887, there was a large increase in the admissions and numbers of criminal lunatics; 54 were received against 14 in 1886, and the population of this class at the end of the year had risen from 108 to 134, while several were under detention in jails for want of room in the asylums.

3. The figures relating to the sex, race, and age of the patients admitted do not exhibit any very noticeable features.

					Percentage of females to total admissions.
1884-85	..	..	..	..	24.76
1885 ..	..	..	..	..	24.58
1886 ..	..	..	..	..	21.43
1887 ..	..	..	..	..	12.56

The proportion of females was, however, exceptionally small as shown by the figures in the margin, and the number of Native Christians was lower than for several years past. As usual, three-fourths of the lunatics admitted were between the ages of 20 and 40. Seven

persons under twenty years of age were received and only two over sixty.

4. The increase in admissions occurred entirely at the Calicut asylum, where 44 insanes were received in 1887 against 9 in 1886. Of these 23 belonged to the Malabar district and 6 to South Canara as compared with six and one, respectively, in the previous year. No explanation of the sudden rise appears and it will be referred to the Collectors concerned for remarks. It seems probable that it is due to greater activity on the part of the police in arresting wandering and possibly harmless lunatics—a course which does not wholly recommend itself to the Government. The other districts of the Presidency do not show much variation. 42 lunatics, whose residence was Madras, were admitted as compared with 48 in 1886. From the return showing previous occupations of the lunatics, it appears that 28 “private soldiers” were received in the Madras asylum and no “sepoys,” but turning to statement III, it is found that the total number of European and Eurasian males was only 24 and several of these must be included under other heads than private soldiers, *e.g.*, armourer serjeant, lieutenant, corporal, driver, &c. It seems likely, therefore, that the classification is wrong and that sepoys have been included in Madras under private soldiers. On the other hand, three sepoys were admitted at Vizagapatam and no soldiers, but at Calicut two soldiers and no sepoys. 37 lunatics had no previous occupation against 38 in the previous year and only 4 in 1885. Here it would seem that there has been some change in procedure, for the number, whose previous occupation is shown as “unknown,” has fallen from 68 in 1885 to 14 in 1886 and 22 in the year under report. Apparently greater care has been taken in the last two years to ascertain whether patients admitted have ever exercised a calling.

5. Statement No. VII deals with the supposed causes of insanity. As the figures there given refer to the whole number of cases under treatment and not merely to admissions, there is less change from year to year. In 460 cases out of 797, the causes of insanity were entirely unknown, while 240 cases have been ascribed to physical and 97 to moral causes. In the previous year the number of unknown cases was even larger, *viz.*, 533; it is satisfactory that the attempts to trace the origin of insanity have not been entirely unsuccessful. The return showing types of insanity has been revised in accordance with a new nomenclature of diseases and accordingly differs from those in previous reports. Three hundred and sixty-three cases are shown under the head of “Mania” and 240 under that of “Dementia,” and there were also 51 cases of melancholia, 39 of idiotcy and 33 of tonic insanity, the latter all males. No information is given as to the forms of insanity that show the largest percentage of recoveries, but chronic cases are generally the least hopeful, and the gradual accumulation of patients of this class in the asylums tends to lower the proportion of recoveries. This explanation, however, does not affect new cases and the Government regret to find that only 35.26 per cent. of those admitted in 1887 were cured against 45.46 per cent. of the admissions in the previous ten years.

6. The general health of the inmates of the Madras asylum was less favorable than for several years past. 18.97 patients were on the sick list each day, being with one exception (1880-81) the highest number in the last eleven years, and the death-rate rose to 8.87 per cent. against 6.68 in 1886 and was the highest since 1882-83. The principal causes of deaths in this institution were chronic pneumonic phthisis (13) (which, as the Surgeon-General explains, is very common among insanes), dysentery (5), apoplexy (4), and meningitis (3). The unfavorable statistics presented by the Madras asylum appear to be in a large measure due to the heavy mortality among newly-admitted patients, the death-rate among these being as high as 26.66 per cent. for both sexes, and among females alone reaching 38.09 per cent. In the two other asylums, the health of the inmates was everything that could be desired. The daily average number of sick continued to be extremely low, and the death-rates,

3.83 in Vizagapatam and 3.39 in Calicut, were very moderate. In the former institution in particular, there has been a marked improvement in the rate of mortality during the last six years, and the average annual number of deaths since 1881-82 has been only three. In a small asylum, however, a very small number of casualties materially affect the death-rate.

7. The financial results of the year are shown in statement No. IX and are referred to in paragraphs 12 and 13 of the report, but the figures given are by no means clear. The actual cost of the asylums, excluding manufacturing and public

	1885 (9 months).			1886.			1887.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Madras ..	47,487	9	2	64,438	3	2	67,999	1	2
Vizagapatam.	7,896	8	5	7,511	11	1	6,276	6	9
Calicut ..	10,614	10	3	12,978	5	2	13,973	1	9
Total ..	65,998	11	10	84,928	3	5	88,248	9	8

works charges and taking only the totals of columns 16, and 29 to 31 is shown for three years in the margin. The increase, amounting to Rs. 3,320, in the year under report, appears to be due mainly to two causes—the fact that two years’ municipal taxes on the Madras asylum are for the first time included, instead of being adjusted by the Accountant-General as heretofore, and the fact that the cost of hospital necessities and miscellanies, which had been kept back last year for want of funds, has now been brought to account. The latter explanation is not understood and needs further clearing up. The accounts for 1886 contain an entry of Rs. 2,405 under this head, which seems to be about equal to the average amount annually expended on hospital necessities, &c., and it is not clear how charges actually incurred could be “kept back for want of funds.” The Government hope that expenditure on contingencies is carefully controlled. The charges for dieting showed a decrease in the Madras asylum in spite of a rise in population, which is satisfactory, and the outlay under the same head at Vizagapatam and Calicut was moderate. Rs. 3,463 were spent on account of work done by the Public Works Department at the Vizagapatam institution.

8. The increased expenditure in the Madras asylum has necessarily affected the figures of average cost per head. In paragraph 13 of the report, the Surgeon-General gives certain average ratios, but it is not apparent how they are arrived at. The figures relating to the Madras asylum cannot be checked, as the average daily strength of Europeans and Eurasians as distinguished from Natives is nowhere stated; those relating to the Calicut and Vizagapatam institutions appear to be incorrect. The

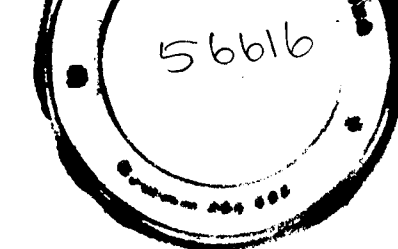
	Madras.			Vizagapatam.			Calicut.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1885 ..	12	10	1	17	6	1	10	6	6
1886 ..	12	6	2	12	7	8	10	5	0
1887 ..	12	8	11	10	0	4	9	14	1

daily average cost per head of a patient in each asylum during the past three years, calculated on the figures of actual cost given in the last paragraph, is shown in the margin. None of the averages now arrived at agree with those of the present and preceding reports, and the Surgeon-General will report what columns of statement IX are included by him for this purpose and how his figures are arrived at. It is also not clear why, in the case of the Madras asylum, the items in columns 30 and 31 of the same statement should fall within the amount (Rs. 67,999-1-2) shown in column 2, while in the case of the Calicut institution, the items in columns 29 and 31 are not included in column 2.

9. Of the total actual expenditure of Rs. 88,248-9-8, to which has to be added the sum of Rs. 3,463-0-6 on account of Public Works Department charges, making a grand total of Rs. 91,711-10-2, the amount recovered from Municipalities and Local Funds was Rs. 28,099-10-8, and Rs. 6,422-8-6 were paid into the treasury on account of paying patients. Thus the net charge of the asylums against provincial revenues was Rs. 57,189-7-0. The value of articles received from the manufacturing department was Rs. 2,068-8-3: it is not understood why column 6 of statement IX does not agree with column 5 of statement XI. The total net profit of the manufactures in the three asylums during the year amounted to Rs. 759-12-0.

(True Extract.)

F. PRICE,
Ag. Chief Secretary.



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