

ANNUAL REPORT
ON THE
LUNATIC ASYLUMS

IN THE
MADRAS PRESIDENCY

FOR THE YEAR

1899.

MADRAS:
PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

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1900.

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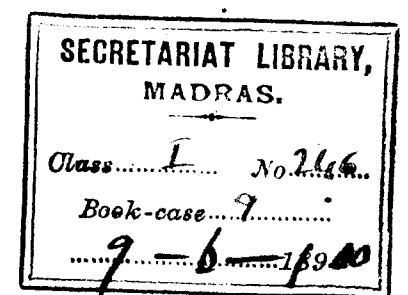
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OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,
MADRAS, 17th April 1900.

No. 233-A.

From

SURGEON-GENERAL D. SINCLAIR, M.B., C.S.I., I.M.S.,
Surgeon-General with the Government of Madras,

To

THE HON'BLE THE CHIEF SECRETARY TO GOVERNMENT,
PUBLIC DEPARTMENT.

SIR,

I HAVE the honour to submit to His Excellency the Governor in Council the annual report on the working of the Lunatic Asylums in the Presidency for the year 1899.

I.—POPULATION AND ACCOMMODATION.

1. Asylum Population—

The subjoined statement gives the classification of the insanes under treatment during the year according to paragraph 41 of the Lunatic Asylum Code:—

I. Military and Civil Lunatics.

Particulars.

Males.

Europeans.

East Indians.

Natives.

Tranquil and in-dustrious.

Quiet and idle.

Violent, noisy and destructive.

Dirty habits.

Tranquil and in-dustrious.

Quiet and idle.

Violent, noisy and destructive.

Dirty habits.

Tranquil and in-dustrious.

Quiet and idle.

Violent, noisy and destructive.

Dirty habits.

Total.

MADRAS.

Remained on 1st January 1899 ...

Admitted during 1899 ...

Total treated ...

Died, discharged, &c. ...

Remaining on 31st December 1899 ...

Females.

MADRAS—cont.

Remained on 1st January 1899 ...

Admitted during 1899 ...

Total treated ...

Died, discharged, &c. ...

Remaining on 31st December 1899 ...

I. Military and Civil Lunatics.



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Particulars.		Males.												Total.
		Europeans.				East Indians.				Natives.				
		Tranquil and in-dustrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	Tranquil and in-dustrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	Tranquil and in-dustrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	
VIZAGAPATAM.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	6	10	36	2	54	
Admitted during 1899	...	...	...	...	...	...	...	...	6	5	5	1	17	
Total treated	...	...	...	...	...	...	...	...	12	15	41	3	71	
Died, discharged, &c.	...	...	...	...	...	...	...	...	6	3	6	1	16	
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	6	12	35	2	55	
Females.														
VIZAGAPATAM—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	2	1	10	1	14	
Admitted during 1899	...	...	...	...	...	...	...	...	1	4	4	2	* 11	
Total treated	...	...	...	...	...	...	...	...	3	5	14	3	25	
Died, discharged, &c.	...	...	...	...	...	...	...	...	2	3	5	...	10	
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	1	2	9	3	15	
Males.														
CALICUT.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	21	22	3	8	54	
Admitted during 1899	...	...	...	...	...	...	...	...	1	4	12	4	21	
Total treated	...	...	...	...	...	...	...	...	22	26	15	12	75	
Died, discharged, &c.	...	...	...	...	...	...	...	...	3	4	7	5	19	
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	19	22	8	7	56	
Females.														
CALICUT—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	7	8	2	3	20	
Admitted during 1899	...	...	...	...	...	...	...	...	...	2	7	2	11	
Total treated	...	...	...	...	...	...	...	...	7	10	9	5	31	
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	6	1	7	
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	7	10	3	4	24	
Males.														
MADRAS.														
Remained on 1st January 1899	...	...	...	...	1	...	...	...	80	25	15	...	121	
Admitted during 1899	...	...	...	...	...	1	...	...	7	15	5	...	28	
Total treated	...	...	...	...	1	1	...	...	87	40	20	...	149	
Died, discharged, &c.	...	...	...	...	...	...	...	...	18	9	4	...	31	
Remaining on 31st December 1899	...	...	...	...	1	1	...	...	69	31	16	...	118	
Females.														
MADRAS—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	5	6	3	...	14	
Admitted during 1899	...	...	...	...	...	...	...	...	3	2	...	...	5	
Total treated	...	...	...	...	...	...	...	...	8	8	3	...	19	
Died, discharged, &c.	...	...	...	...	...	...	...	...	2	2	...	...	4	
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	6	6	3	...	15	

I. Military and Civil Lunatics—cont.														
VIZAGAPATAM.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	6	10	36	2	54
Admitted during 1899	...	...	...	...	...	...	...	...	...	6	5	5	1	17
Total treated	...	...	...	...	...	...	...	...	...	12	15	41	3	71
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	6	3	6	1	16
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	6	12	35	2	55
Females.														
VIZAGAPATAM—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	2	1	10	1	14
Admitted during 1899	...	...	...	...	...	...	...	...	...	1	4	4	2	* 11
Total treated	...	...	...	...	...	...	...	...	...	3	5	14	3	25
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	2	3	5	...	10
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	1	2	9	3	15
Males.														
CALICUT.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	21	22	3	8	54
Admitted during 1899	...	...	...	...	...	...	...	...	...	1	4	12	4	21
Total treated	...	...	...	...	...	...	...	...	...	22	26	15	12	75
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	3	4	7	5	19
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	19	22	8	7	56
Females.														
CALICUT—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	7	8	2	3	20
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	2	7	2	11
Total treated	...	...	...	...	...	...	...	...	...	7	10	9	5	31
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	6	1	7
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	7	10	3	4	24
Males.														
MADRAS.														
Remained on 1st January 1899	...	...	...	...	1	...	...	...	...	80	25	15	...	121
Admitted during 1899	...	...	...	...	...	1	...	...	...	7	15	5	...	28
Total treated	...	...	...	...	1	1	...	...	...	87	40	20	...	149
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	18	9	4	...	31
Remaining on 31st December 1899	...	...	...	...	1	1	...	...	...	69	31	16	...	118
Females.														
MADRAS—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	5	6	3	...	14
Admitted during 1899	...	...	...	...	...	...	...	...	...	3	2	...	...	5
Total treated	...	...	...	...	...	...	...	...	...	8	8	3	...	19
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	2	2	...	...	4
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	6	6	3	...	15

II. Criminal Lunatics.														
VIZAGAPATAM.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Females.														
VIZAGAPATAM—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Males.														
CALICUT.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Females.														
CALICUT—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Males.														
MADRAS.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Females.														
MADRAS—cont.														
Remained on 1st January 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted during 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Including transfers from one to another class of 10 males and 7 females.

(1) *Military and Civil Lunatics*.—On the 1st January there remained 321 males and 121 females; admissions during the year numbered 81 males and 35 females, and 2 men were re-admitted; 60 males and 14 females were discharged cured; 6 males and 3 females left the asylums much improved; 6 males and 1 female were removed without any improvement in condition; and 6 males and 1 female were ‘discharged otherwise.’ 21 males and 21 females died during the year, a percentage mortality of 6·36 and 17·44, respectively, on the daily average of this class. At the end of the year there remained under treatment 305 males and 116 females. The average daily strength of the sexes was 330·17 and 120·39, respectively, the ratio *per cent.* being 73·28 males and 26·72 females, as compared with 72·27 and 27·93 the average ratios for the preceding ten years.

(2) *Criminal Lunatics*.—Similar particulars to the foregoing in relation to Criminal Lunatics are detailed in Statement II. Of the admissions, 5 had been tried and acquitted, 21 were under-trial prisoners incapable of making a defence, and 7 had become insane during confinement in jail.

(3) *General*.—(a) In Statement III are given the *religions* of new admissions as well as their *residence*. Christians numbered 31, of whom 17 were natives; the rest comprised 87 Hindus, 25 Muhammadans, and 8 of ‘other castes.’ One hundred and twenty-eight admissions were residents of the Madras Presidency; 13 were brought from Burma; Coorg and Hyderabad sent 3, respectively, while Pondicherry furnished 2, and Mysore and Cochin 1 patient each.

(b) The *occupations* of those admitted are given in Statement IV. Twenty-seven cases are returned under the heading ‘unknown,’ and 5 were declared to have no occupation. Soldiers and sepoy numbered 14; 17 were agriculturists and 22 were unskilled labourers.

(c) Statement V exhibits the *ages* of those admitted. Contrasted with previous statistics they appear as follows:—

	1899.		Preceding ten years.	
	Number.	Ratio per cent.	Average number.	Ratio per cent.
Under 20 years	6	3·97	9·3	4·89
20 to 40 years	113	71·84	134·3	70·61
40 to 60 years	30	19·87	48·6	22·92
Upwards of 60 years	2	1·32	3·0	1·58
Total	151	...	190·2	...

(d) The following particulars as to *types of insanity* are summarised from Statement VI:—

	Remained.	Admitted.	Total.	Died, discharged, etc.	Remain- ing.
1. Idiocy	29	3	32	1	31
2. Mania	390	117	507	145	362
2. Melancholia	39	15	45	8	37
4. Dementia	115	13	128	19	109
5. Other types	13	3	16	1	15
Total	577	151	728	174	554
Epileptic forms in types } No. 2, 3 and 4.	40	11	51	16	35
Ratio per cent. for 1899 ...	...	7·28	7·00	9·19	...
Do. for preceding ten years.	...	4·43	5·06	3·65	...

A comparatively larger proportion of epileptics was discharged in 1899 than heretofore, and the number of that class now remaining is less than at the end of 1898.

(e) The *causes of admission* are given in Statement VII, from which the following is abstracted:—

	1899.		Preceding ten years.	
	Number.	Ratio per cent.	Average number.	Ratio per cent.
Ganja smoking	7	4.64	17.4	9.15
Other intoxicants	6	3.97	11.7	6.15
Fever	2	1.33	2.7	1.42
Other physical causes	48	31.79	74.7	39.28
Moral causes	35	23.17	42.8	22.50
Unknown	53	35.10	40.9	21.50
Total	151	...	190.2	...

As remarked in the report for 1898 the admissions under intoxicants among physical causes and under moral causes are declining in frequency; but cases returned as of unknown origin continue to increase. These changes are due, no doubt, to the greater caution exercised during recent years in determining causes of admission.

(f) The *escapes* were one female criminal from the Madras Asylum, who was re-captured after a fortnight; two male civil insanes from the Vizagapatam Asylum both re-captured, and one male civil lunatic from the Calicut Asylum still at large.

The escape of a non-criminal insane is a matter of little or no consequence, for so long as he can elude discovery and take care of himself there is in most cases no particular need for his detention. There is always a suspicion that in asylums where such incidents never occur restraints are more rigid than are compatible with conditions best suited for the recovery of the inmates. It is different with criminal insanes who should, at any rate until the probationary stage is reached, be as carefully guarded as ordinary prisoners.

2. Accommodation—

(1) *Sufficiency*.—The available accommodation and the extent to which it was utilized are as shown below:—

	Accommodation.		Maximum number of inmates on any one day.
	General.	Hospital.	
Madras	589	100	446
Vizagapatam	78	13	76
Calicut	123	12	81

(2) *New constructions*.—(a) Of completed works there are in Madras a new block in the criminal enclosure; a ward for Europeans in the male hospital enclosure; an 'isolation section,' separately enclosed, comprising four blocks with attached out-houses; an extension of the kitchen and a new range; a noisy enclosure, and dining shed therein; a dining shed in the male criminal enclosure, and another in the female enclosure; an extension of the weaving room; covered passages in the male and female hospital enclosures; and lines for the sweepers. In Vizagapatam the cook-room constructed by the Public Works Department in 1898 on the standard plan for jails was taken over last year, but found unsuitable for a Lunatic Asylum. Certain proposals have been submitted for modifying the same. In Calicut a Superintendent's office was erected; and out-houses, servants' quarters and stables were attached to the Superintendent's quarters; masonry drains were constructed round the refractory wards and the kitchen, and huts were provided for the sweepers.

(b) There are no works in progress.

(3) *Repairs executed*.—The usual annual repairs such as lime-washing, tarring, shifting and renewing tiles, &c., were carried out in all three asylums. In Madras the water-pipes were largely renewed; in Vizagapatam improvements and repairs were made to three male cottages and six male single rooms; while in Calicut the two open kitchens attached to the male wards and an open shed in the old criminal enclosure were converted into godowns for the storage of tools, garden implements and kerosine-oil stock.

(4) *State of repair*.—The Madras Asylum buildings are in good condition. In Vizagapatam the buildings are good with the exception of the Hospital Assistant's quarters, which, in my opinion, can be put into order at far less cost than would be required for the reconstruction originally proposed. In Calicut the buildings are in need of extensive repairs; and Government in G.O., No. 29, Public, dated 16th January 1900, have sanctioned Rs. 4,900 for the work.

(5) *Hospital accommodation*.—In the Madras Asylum this has been improved under G.O., No. 3467 W., dated 4th December 1896; accommodation now exists for 80 males and 20 females. In Vizagapatam and Calicut separate accommodation exists for 13 and 12 male patients, respectively; female patients are treated in the ordinary single rooms as necessary.

3. Sanitation—

(1) *Conservancy*.—The night-soil is deposited in trenches outside the asylum premises and subsequently utilized as manure in the gardens; this method is adopted in all three asylums. The sweepers at Madras are reported to have behaved very well after the erection of their huts.

(2) *General hygiene of the insanes*.—Particular attention has been paid to the bathing, clothing, food and exercise of the insanes.

(3) *Drainage*.—This in Vizagapatam is natural and satisfactory. In Madras and Calicut the improvements sanctioned in G.O., No. 1485, Public, dated 8th December 1898, and No. 1311, Public, dated 2nd October 1897, respectively, remain to be carried out.

(4) *Water-supply*.—The Madras Asylum has an ample supply of Red Hills water for drinking purposes, and, in addition, six wells the water from which is used for agricultural purposes, washing, &c. In Vizagapatam and Calicut water was carted in from outside the asylum grounds during the hot season owing to the drying-up of the wells of these institutions.

4. Miscellaneous—

(1) *Food and weighments*.—In Madras rice was more largely used than ragi under G.O., No. 232, Public, dated 24th February 1899. Cumboo and cholam continued to be the grains in use at Vizagapatam; and rice was, as heretofore, the staple food-grain at Calicut.

Fortnightly weighments were made throughout the year. The following table compares the weighments in the three asylums:—

Asylums.	Of those treated during the year 1899.						Of those admitted during the year.		
	Aggregate weight on 1st January 1899.	Aggregate weight on discharge, death, or on 31st Dec. 1899.	Number and ratio per cent. of those who gained weight.	Number and ratio per cent. of those who lost weight.	Number and ratio per cent. of those who remained stationary.	Greatest gain.	Greatest loss.	Aggregate weight on admission.	Aggregate weight on discharge, death, or on 31st Dec. 1899.
Madras	LB. 39,416	LB. 35,884	198 51.83 %	142 37.17 %	42 11.00 %	26	22	9,242	7,872
Vizagapatam	6,159	6,293	35 56.45 %	15 24.19 %	12 19.36 %	21	17	798	868
Calicut	10,525	10,925	81 76.42 %	14 13.21 %	11 10.37 %	29	35	3,090	3,327

Asylums.	Of those admitted during the year—cont.					Of those discharged during the year.							
	Number and ratio per cent. of those who lost weight.	Number and ratio per cent. of those who remained stationary.	Greatest gain.	Greatest loss.	Aggregate weight on admission.	Aggregate weight on discharge.	Number and ratio per cent. of those who gained weight.	Number and ratio per cent. of those who lost weight.	Number and ratio per cent. of those who remained stationary.	Greatest gain.	Greatest loss.		
Madras	31 34.06 %	6 6.59 %	LB.	LB.	LB.	LB.	58 65.91 %	24 27.27 %	6 6.82 %	LB.	LB.		
Vizagapatam	1 12.50 %		26	25	645	758	7 100 %			26			
Calicut	3 9.38 %		26	13	1,917	2,089	18 90.00 %	2 10.00 %		29	7		

The ratios *per cent.* of those who gained weight during the year contrast favourably with the figures for 1898.

(2) *Clothing.*—In the three asylums cotton clothing was supplied to all insanes, and for the sick and aged flannel banians and woollen jerseys were added at Madras and cumby jackets at Vizagapatam and Calicut.

(3) *Industries and employments.*—For native insanes gardening and weaving are the chief employments. These were supplemented in Madras by aiding the asylum staff in all departments, in Vizagapatam by the grinding of corn, and in Calicut by coir yarn-twisting. Mat-making engages a few at Madras and Calicut, and some at Vizagapatam are employed in light tin-work. In Vizagapatam and Calicut the conveying of water for asylum purposes from sources outside the premises was, as already mentioned, a temporary employment.

European and Eurasian females are chiefly employed in needle-work, while the males help the asylum staff in such way as it is deemed best to employ them.

(4) *Amusements.*—In Madras the Europeans and Eurasians were provided with in-door and out-door games, and some were allowed an occasional outing in the bullock-coach; the library afforded recreation to several. For the Natives games were also provided, and occasional juggling and acrobatic performances were given. In addition a monthly treat with music and light refreshments and a special Christmas treat at which small presents were distributed to deserving patients were provided.

At Vizagapatam the annual treat was again given by Sri Maharaja G. N. Gajapati Rao, C.I.E., and the Rajah of Kurapam continued to send frequent presents of fruit. Singing and native music, chess and cards afforded daily amusements. Selected patients were sent out to witness a native drama, and travelling acrobats gave a performance at the asylum on payment of a small sum.

In the Calicut Asylum the inmates were supplied with games; some were allowed to rear domestic pets, and others were taken out for local sight-seeing. Among those who took an interest in the asylum may be named His Highness The late Zamorin of Calicut, M.R.Ry. C. M. Rarichen Muppen, and M.R.Ry. G. Subba Row. The proprietor of the Bombay Parsi Opera Troupe gave a few selected insanes free admission to the performance, and the Karaparamba Dramatic Troupe gave a free performance on the asylum premises.

II.—MEDICAL.

5. Statistics of Health and Treatment of the Sick—

(1) *Sickness and its causes.*—The following statement exhibits the number of sick treated during the year, and contrasts the figures with those of 1898:—

		Remained.	Admitted.	Total.	Results.			Remaining.	Average daily sick.
					Discharged cured.	Discharged otherwise.	Died.		
Madras	1899	39	368	407	134	158	50	65	61.70
	1898	36	387	423	203	154	29	39	56.30
Vizagapatam	1899	3	54	57	44	8	2	3	5.48
	1898	3	47	50	37	4	6	3	3.83
Calicut	1899	13	60	73	39	20	6	8	14.21
	1898	8	51	59	51	17	8	13	15.12
Total	1899	55	482	537	217	186	58	76	81.34
	1898	47	515	562	290	175	42	55	75.25

The most frequent causes of admission into hospital were—

	In Madras.	In Vizagapatam.	In Calicut.
Mania	76	4	7
Epilepsy	42	...	1
Tubercle	34	1	3
Simple continued fever	...	19	1
Surfeit	17	...	...
Melancholia	14	...	...
Old age	10	...	3
Catarrhal inflammation of the intestines	9	...	5
Do. do. of the stomach	3	...	14
Dysentery	7	...	9

(2) *Forcible feeding and methods in use.*—In the Madras Asylum 20 cases were fed by the naso-pharyngeal tube. In Vizagapatam 7 patients were hand-fed for various periods, and 1 was fed by the nasal tube. In Calicut 3 insanes were fed by hand and 2 by the naso-pharyngeal tube.

(3) *Mortality and its causes.*—Deaths in hospital occurred from—

	In Madras.	In Vizagapatam.	In Calicut.
Dysentery	4	...	1
Tubercle	10	...	1
Leprosy	1	...	...
Secondary syphilis	2	...	...
Surfeit	1	...	...
Myxœdema	1	...	...
Diabetes mellitus	1	...	...
Old age	8	...	...
Acute inflammation of spinal cord	1	...	...
Epilepsy	5	...	2
Mania	7	...	1
Dementia	2	...	...
Fatty degeneration of heart	1	...	...
Hypertrophy of heart	...	1	...
Pneumonia	1	...	...
Gangrene of lung	1	...	...
Chronic interstitial inflammation of lung	...	1	...
Catarrhal inflammation of stomach	...	...	1
Obstruction of intestines	1	...	...
Chronic inflammation of kidneys	1	...	...
Privation	2	...	...
Total	50	2	6

The corresponding totals in the previous year were 28, 6 and 8. Of the 50 deaths that occurred in the Madras Asylum, 18 were of patients admitted to the asylum in a very bad state of health; 3 died within one month and 7 within three months of admission. Seven others were local cases in which privation was a prominent feature. Seventeen of the total were criminals; and in explanation of the high mortality in this class the Superintendent states that dysentery and tubercle of lung accounted for 3 deaths each, epileptic mania for 2, the remainder dying

from various other diseases. In Madras 1 death occurred out of hospital as the result of rupture in a case of aneurysm of the aorta.

(4) *Epidemics*.—No epidemics occurred during the year.

Vaccination and re-vaccination have been regularly carried on in each asylum.

(5) *Injuries received in the asylums*.—These are detailed in Statement VIII, and amount to 15—contusions 2, wounds 6, sprains 2, and fractures 5.

(6) *Hospital diet and extras*.—The hospital diets are those laid down in G.O., No. 1, Public, dated 1st January 1889. The scale continues to afford satisfaction. The expenditure is tabulated as follows:—

Asylums.	1898.		1899.	
	Total.	Average.	Total.	Average.
Madras	Rs. A. P. 6,307 15 3	Rs. A. P. 0 5 8½	Rs. A. P. 6,731 5 5	Rs. A. P. 0 5 8½
Vizagapatam	40 8 1	0 2 7	65 0 11	0 2 11
Calicut	1,656 11 5	0 4 9½	858 8 10	0 2 8
Total	8,005 2 9	0 4 8	7,654 15 2	0 4 1½

The fall in the average cost of a diet at Calicut is due to the comparatively small number of paying patients that were put on the sick list during the year. The difference in cost between European and Native hospital diets at Madras is shown under paragraph 8 (2).

III.—FINANCE INCLUDING MANUFACTURES.

6. *Income*.—The subjoined statement contrasts the income for 1899 with that of the previous year:—

Sources of income.	1898.	1899.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Value of stock remaining on the last day of the preceding year	3,563 8 3	6,199 6 5	2,635 14 2	...
2. From treasury	86,616 1 1	86,589 0 9	...	27 0 4
3. From paying patients	11,347 7 2	12,126 10 11	779 3 9	...
4. Value of stores received from the manufacturing department less cost of raw materials	8,284 4 1	5,996 3 7	...	2,288 0 6
5. Book adjustments	22,429 12 0	43,345 6 3	20,915 10 3	...
6. From miscellaneous receipts	293 0 1	665 13 11	372 13 10	...
Total	1,32,531 0 8	1,54,922 0 10	22,398 9 2	...

(1) *Value of stock remaining on the last day of the preceding year*.—The increase under this item is due to the fact—mentioned on page 12 of the last annual report—that a considerable amount of provisions had been purchased at cheap rates and stored in 1898.

(2) *Receipts from treasury*.—A trifling decrease which needs no explanation.

(3) *Receipts from paying patients* dealt with in paragraph 9 *infra*.

(4) *Value of stores received from the manufacturing department*.—The subjoined statement exhibits the details under this head:—

Details.	1898.	1899.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Sold to the public—				
(a) Clothing	2,259 13 1	2,311 11 6	51 14 5	...
(b) Garden-produce	4,550 3 4	2,785 7 1	...	1,773 12 3
Made over to the asylums—				
(c) Clothing	2,157 14 2	2,536 0 8	378 2 6	...
(d) Garden-produce	379 0 11	420 0 5	40 15 6	...
Total	8,355 15 6	8,053 3 8	...	1,302 11 10
(e) Deduct cost of raw materials	1,884 8 6	2,057 0 1	172 7 7	...
Net	7,471 7 0	5,996 3 7	...	1,475 3 5

The decrease under (b) was due to the entire failure of the lucerne-grass and mango crops at Madras. The increase under (c) and (d) was coincident with that in the population of the asylums.

(5) *Book adjustments*.—The continued increase under this item arose from the outlay on 'new works' at the Madras Asylum.

(6) *Miscellaneous receipts*.—These are shown in detail below:—

Details.	1898.	1899.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Madras.				
Sale-proceeds of refuse of dhál, &c.	38 13 9	36 13 3	...	2 0 6
Do. of condemned stores	17 5 9	139 9 10	122 4 1	...
Fines on contractor	58 0 0	36 12 0	...	21 4 0
Earnest deposit of a tenderer confiscated to Government	...	100 0 0	100 0 0	...
Total	114 3 6	313 3 1	198 15 7	...
Vizagapatam.				
Sale-proceeds of refuse of paddy, &c.	72 11 8	69 2 10	...	3 8 10
Do. of condemned stores	...	8 0 0	8 0 0	...
Total	72 11 8	77 2 10	4 7 2	...
Calicut.				
Sale-proceeds of the dairy farm	84 6 7	204 1 5	119 10 10	...
Do. of gunny bags, &c.	21 10 4	71 6 7	49 12 3	...
Total	106 0 11	275 8 0	169 7 1	...
Grand Total	293 0 1	665 13 11	362 13 10	...

The increase in the sale-proceeds of the Calicut dairy farm is very satisfactory.

7. *Expenditure*.—The following statement contrasts the different items with those of the previous year:—

Particulars.	1898.	1899.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Establishment	39,189 13 2	39,273 4 4	103 7 2	...
2. Diet	35,182 5 0	35,082 6 3	...	99 14 9
3. Clothing and bedding	2,597 6 8	3,527 10 5	930 3 9	...
4. Medicines	1,322 10 5	678 10 5	...	644 0 0
5. Contingencies	5,768 13 4	6,993 8 5	1,224 11 1	...
6. Hospital necessaries	2,461 8 2	4,579 5 8	2,117 13 6	...
Total	86,502 8 9	90,134 13 6	3,632 4 9	...
Deduct value of stock remaining at the end of the year	5,560 0 0	4,318 2 11	...	1,241 13 1
Net total expenditure	80,942 8 9	85,816 10 7	4,874 1 10	...

8. *Total cost and cost per head*.—The annexed table contrasts the figures of Statement IX-A for the years 1898 and 1899:—

Asylums.	Establishment.				Diet.			
	Totals.		Cost per head.		Totals.		Cost per head.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
Madras	Rs. A. P. 32,130 12 6	Rs. A. P. 31,980 15 6	Rs. A. P. 75 8 1	Rs. A. P. 73 12 7	Rs. A. P. 28,560 0 3	Rs. A. P. 30,107 0 7	Rs. A. P. 67 1 10	Rs. A. P. 69 7 5
Vizagapatam	3,321 4 10	3,298 7 2	45 12 11	46 2 5	2,329 2 3	1,950 15 8	32 1 11	27 4 9
Calicut	3,717 11 10	3,993 13 8	45 2 11	51 5 10	4,293 2 6	3,024 6 0	52 2 10	38 14 5
Total	39,169 13 2	39,273 4 4	67 7 11	67 6 6	35,182 5 0	35,082 6 3	60 10 0	60 3 4

Asylums.	Clothing and bedding.				Medicines.			
	Totals.		Cost per head.		Totals.		Cost per head.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
Madras ...	RS. A. P. 2,201 0 1	RS. A. P. 3,131 0 4	RS. A. P. 5 2 9	RS. A. P. 7 3 7	RS. A. P. 708 11 0	RS. A. P. 576 9 4	RS. A. P. 1 10 8	RS. A. P. 1 5 3
Vizagapatam ...	107 9 10	98 3 1	1 7 9	1 6 0	81 1 1	20 12 9	1 1 11	0 4 8
Calicut ...	288 12 9	298 7 0	3 8 2	3 13 5	532 14 4	81 4 4	6 7 7	1 0 9
Total ...	2,597 6 8	3,527 10 5	4 7 7	6 0 10	1,322 10 5	678 10 5	2 4 6	1 2 8
Asylums.	Contingencies.				Hospital necessities and miscellanies.			
	Totals.		Cost per head.		Totals.		Cost per head.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
Madras ...	RS. A. P. 4,712 11 2	RS. A. P. 6,126 0 2	RS. A. P. 11 1 2	RS. A. P. 14 2 2	RS. A. P. 1,893 14 7	RS. A. P. 4,282 9 3	RS. A. P. 70 10 7	RS. A. P. 223 1 10
Vizagapatam ...	108 2 4	91 0 3	1 7 10	1 4 4	72 15 8	70 10 7	...	...
Calicut ...	947 15 10	776 8 0	11 8 4	9 15 10	494 9 11	223 1 10	...	...
Total ...	5,768 13 4	6,993 8 5	9 15 1	12 0 0	2,461 8 2	4,579 5 8	...	...
Asylums.	Grand Total.				Grand Total.			
	Totals.		Cost per head.		Totals.		Cost per head.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
Madras ...	RS. A. P. 4 7 3	RS. A. P. 9 14 1	RS. A. P. 70,207 1 7	RS. A. P. 76,204 3 2	RS. A. P. 164 15 10	RS. A. P. 175 13 1	...	...
Vizagapatam ...	1 0 1	0 15 10	6,020 4 0	5,530 1 6	83 0 5	77 6 0	...	...
Calicut ...	6 0 2	2 14 6	10,275 3 2	8,400 8 10	124 14 1	108 0 9	...	...
Total ...	4 3 10	7 13 9	86,502 8 9	90,134 13 6	149 1 0	154 11 2	...	...

(1) *Establishment.*—The decrease at Madras resulted from the Senior Assistant Surgeon being replaced by an Assistant Surgeon; while the increase at Calicut is merely nominal, and is due to the pay of the establishment for December 1899 being disbursed and debited to account in that month.

(2) *Diet.*—The increase at Madras is due to the more liberal use of rice in lieu of ragi sanctioned in G.O., No. 232, Public, dated 24th February 1899.

The following statement gives the details of the cost per diet for each asylum :—

Asylums.	Ordinary diet.		Hospital diet with extras.	
	European.	Native.	European.	Native.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras ...	0 5 2½	0 2 2½	0 6 7½	0 4 10
Vizagapatam ...	...	0 1 2	...	0 2 11
Calicut ...	...	0 1 8	...	0 2 8

(3) *Clothing and bedding.*—The increase at Madras was due to the increase population, and to the proportionately large number of epileptic insanes among new admissions.

(4) *Medicines.*—The expenditure under this heading was reduced at all three asylums and especially at Calicut where a large balance of the previous year's supply of European medicines remained unconsumed.

(5) *Contingencies.*—Under this heading is included the items 'contingencies' and 'cost of printed forms and stationery' detailed in Statement IX. Expenditure at Madras was particularly increased under the heads of petty repairs and lime-washing charges, funeral expenses, and railway and carriage hire for discharged patients.

(6) *Hospital necessities and miscellaneous.*—The increase at Madras is due to the furnishing of the extended male hospital, the purchase of some new weaving looms, the replacement of iron cooking utensils by aluminium vessels, and additions to the sanitary stock.

9. *Paying Patients.*—The numbers treated during the year were 77 at Madras and 3 at each of the other asylums, as compared with 70, 3 and 2, respectively, in 1898. The total collections realized an increase of Rs. 779-3-9; but at Madras there was an increase of Rs. 1,091-12-6, the diminished collections at the other asylums accounting for the deficiency. The new patients at the latter are paying less than those of 1898; and at Vizagapatam there is a sum outstanding with the Joint Magistrate, Kistna, for the year's maintenance of one patient.

10. *Manufactures.*—Details of the manufacturing operations during 1899 are given in Statement XI.

(1) The results, as compared with those of the previous year, are as follows :—

Particulars.	1898.	1899.	Increase.	Decrease.
CREDITS.				
1. Cash paid into the treasury for articles sold	RS. A. P. 6,857 14 2	RS. A. P. 5,133 15 10	...	1,723 14 4
2. Value of manufactured goods made over to the asylums for asylum purposes	2,536 15 1	2,958 11 6	421 12 5	...
3. Value of raw materials in store at the end of the year	477 9 9	446 8 5	...	31 1 4
4. Value of manufactured goods in store at the end of the year	2,286 12 7	2,078 6 6	...	208 6 1
5. Value of plant and machinery in store at the end of the year	401 11 0	784 0 0	382 5 0	...
Total credits	12,560 14 7	11,401 10 3	...	1,159 4 4
DEBITS.				
1. Value of manufactured goods in store at the beginning of the year	2,500 0 4	2,286 12 7	...	213 3 9
2. Value of raw materials in store at the beginning of the year	671 11 10	477 9 9	...	194 2 1
3. Value of plant and machinery in store at the beginning of the year	434 11 0	401 11 0	...	33 0 0
4. Value of raw materials purchased	1,881 6 6	2,022 7 0	141 0 6	...
5. Contingencies on manufactures	114 2 2	143 8 7	29 6 5	...
6. Other charges	...	...	...	...
Total debits	5,601 15 10	5,332 0 11	...	269 14 11
Excess of credits or profits	6,958 14 9	6,069 9 4	...	889 5 5

(2) The following table contrasts the profit per head of the average number employed on manufactures in each asylum for the past three years :—

Asylums.	Daily average population.			Daily average fit for work.			Daily average number employed.					
							Number of working days in the year.			On remunerative labour.		
	1897.	1898.	1899.	1897.	1898.	1899.	1897.	1898.	1899.	1897.	1898.	1899.
Madras	421.26	425.53	433.42	316.16	307.37	306.82	354	313	313	75.12	71.28	42.33
Vizagapatam	71.61	72.51	71.47	62.25	56.54	53.35	308	311	312	31.15	31.93	30.33
Calicut	94.01	82.28	77.75	67.65	72.81	65.54	310	308	306	27.82	30.46	26.47
Total	586.88	580.32	582.64	446.06	436.72	425.71	...	...	...	134.09	133.67	99.13

Asylums.	Daily average number employed— <i>cont.</i>			Total profits.						Profit per head employed on remunerative labour.											
	On unremunerative labour.																				
	1897.	1898.	1899.	1897.			1898.			1899.			1897.			1898.			1899.		
Madras	241.04	236.09	264.49	RS. 2,330	A. 9	P. 2	RS. 5,005	A. 12	P. 9	RS. 4,368	A. 14	P. 6	RS. 31	A. 0	P. 5	RS. 70	A. 8	P. 8	RS. 103	A. 3	P. 4
Vizagapatam	31.10	24.61	23.02	1,083	15	11	1,221	14	6	1,010	3	11	34	12	9	38	4	3	33	4	11
Calicut	39.83	42.35	39.07	528	14	7	731	3	6	690	6	11	18	15	8	24	0	1	26	1	4
Total	311.97	303.05	326.58	3,943	7	8	6,958	14	9	6,069	9	4	29	6	7	52	1	0	61	5	3

The earnings per head in the Madras Asylum are relatively high because of the small proportion shown as employed on remunerative labour. The reason for employing year after year on remunerative labour such a small proportion of the inmates of the Madras Asylum will be enquired into.

11. Gardening.—The subjoined table represents the results of the year as compared with the two previous years:—

Asylums.	1897.	1898.	1899.
Madras	RS. A. P. 1,750 10 11	RS. A. P. 3,805 2 8	RS. A. P. 2,067 4 9
Vizagapatam	614 13 3	816 14 4	613 13 4
Calicut	374 7 5	316 3 3	530 1 9
Total	2,739 15 7	4,938 4 3	3,211 3 10

IV.—GENERAL.

12. General Administration—

(1) The general administration of the asylums was satisfactory.

(2) *Establishment—Madras Asylum—General.*—Captain C. H. L. Palk, I.M.S., resumed charge of his duties as Superintendent on return from leave at the end of February, relieving Captain W. C. Vickers, I.M.S., who acted for three months. Senior Assistant Surgeon S. C. White was replaced as Deputy Superintendent by Assistant Surgeon M. Bowers in June. European attendant Downey was dismissed for being drunk on duty. Mrs. Fellowes, the Matron, was pensioned on medical certificate after a service of 13 years. K. Annu Chetty, the Steward, was granted his pension. The Second Assistant Steward, D. Rajagopal, gave much trouble in passively resisting orders and resigned. The rest of the establishment have worked well, and, as already remarked, the toties are on very good behaviour since the erection of their huts.

Hospital.—Civil Apothecary B. D'Pracer and Third-class Hospital Assistant P. Kuppusami Mudali, No. 503, have again given satisfaction in the management of the sick. The revised proposition statement for a separate hospital nursing staff was sanctioned in G.O., No. 329 R., Financial, dated 24th March 1900.

Vizagapatam Asylum.—Captain G. G. Giffard, I.M.S., held charge of the asylum for eight months from 18th March during the absence, on leave to Europe, of Lieutenant-Colonel A. H. Leapingwell, I.M.S. No change occurred in the staff. Except the native attendants and toties, who are characterised as of indifferent character and requiring steady supervision, the establishment has worked satisfactorily.

Calicut Asylum.—Lieutenant-Colonel T. J. Hackett Wilkins, I.M.S., was in charge during the year, except for the three months ending 15th July, while absent on privilege leave, when Captain E. M. Illington, I.M.S., acted on his behalf. The clerk was dismissed, and another, M. Govindan, appointed. The rest of the establishment is well reported on.

13. Notes on Visitors' Reports—

(1) *Madras Asylum.*—The annual inspection was made by Surgeon-General C. Sibthorpe, C.B.; and I visited the asylum frequently during November and December. The Inspector-General of Prisons also made two visits.

(2) *Vizagapatam Asylum.*—This was once visited by the Inspector-General of Prisons.

(3) *Calicut Asylum.*—The Inspector-General of Prisons visited the asylum once.

The Vizagapatam and Calicut institutions have been inspected by me during the current year.

In addition the asylums were visited by official visitors every month. The general tone of the reports has been satisfactory.

14. Inventory.—The inventory of the valuable stock of the three asylums has been duly maintained and carefully checked.

15. Verification of Service Books.—The service books of the establishment in all three asylums have been verified up to the period under report.

I have the honour to be,

Sir,

Your most obedient servant,

D. SINCLAIR, M.B., I.M.S., Surgn.-General,
Surgeon-General with the Government of Madras.

STATEMENTS. I TO XI.

STATEMENT

Statement showing the admissions, discharges, &c., of Lunatics in the

1			2			3			4			5			6												7			8														
Years.	Remained at the beginning of the year.			Admitted.			Re-admitted.			Total population.			Discharged.												Died.			Remaining at the end of the year.																
													A.			B.			C.			D.																						
													Cured.			Transferred to friends.			Other-wise.			Total.																						
																Im-proved.			Not improved.																									
Males.			Females.			Total.			Males.			Females.			Total.			Males.			Females.			Total.			Males.			Females.			Total.			Males.			Females.			Total.		
1889	...	345	118	463	90	23	113	1	...	1	436	141	577	50	12	62	18	4	22	2	2	4	11	...	11	81	18	99	26	17	43	329	106	435										
1890	...	329	106	435	109	33	142	2	2	4	440	141	581	32	12	44	8	4	12	13	8	21	14	...	14	67	24	91	59	22	81	314	95	409										
1891	...	314	95	409	120	42	162	...	...	...	434	137	571	31	10	41	5	5	10	5	2	7	18	...	18	59	17	76	76	21	97	299	99	398										
1892	...	299	99	398	156	58	214	1	1	2	456	158	614	33	18	51	14	9	23	14	2	16	17	...	17	78	29	107	63	18	71	325	111	436										
1893	...	325	111	436	130	36	166	1	...	1	456	147	603	40	14	54	10	10	20	2	...	2	17	2	...	19	69	26	95	35	15	50	352	106	458									
1894	...	352	106	458	181	35	166	...	...	...	483	141	624	36	8	44	14	8	22	3	2	5	22	1	12	75	19	94	43	13	56	365	109	474										
1895	...	365	109	474	133	26	159	1	2	3	499	137	636	57	13	70	5	2	7	4	2	6	12	...	12	78	17	95	79	15	94	342	105	447										
1896	...	342	105	447	89	21	110	...	...	...	431	126	557	54	12	66	9	2	11	12	2	14	8	...	8	83	16	99	28	10	38	320	100	420										
1897	...	320	100	420	101	22	123	...	...	...	421	122	543	40	7	47	9	2	11	4	1	5	18	...	18	71	10	81	23	14	37	327	98	425										
1898	...	327	98	425	86	23	109	1	1	2	414	122	536	40	7	47	7	1	8	1	...	1	12	1	13	60	9	69	20	12	32	334	101	435										
1899	...	334	101	435	80	24	104	3	1	4	417	126	543	62	11	73	4	1	5	4	1	5	4	1	5	74	14	88	31	20	51	312	92	404										

MAD

1889	...	345	118	463	90	23	113	1	...	1	436	141	577	50	12	62	18	4	22	2	2	411	...	11	81	18	99	26	17	43	329	106	435	
1890	...	329	106	435	109	33	142	2	2	4	440	141	581	32	12	44	8	4	12	13	8	21	14	14	67	24	91	59	22	81	314	95	409	
1891	...	314	95	409	120	42	162	...	...	...	434	137	571	31	10	41	5	5	10	5	2	7	18	...	18	59	17	76	76	21	97	299	99	398
1892	...	299	99	398	156	58	214	1	1	2	456	158	614	33	18	51	14	9	23	14	2	16	17	...	17	78	29	107	53	18	71	325	111	436
1893	...	325	111	436	130	36	166	1	...	1	456	147	603	40	14	54	10	10	20	2	...	2	17	2	19	69	26	95	35	15	50	352	108	460
1894	...	362	106	468	131	35	166	...	...	...	483	141	624	36	8	44	14	8	22	3	2	5	22	1	23	75	19	94	43	13	56	365	109	474
1895	...	365	109	474	133	26	159	1	2	3	499	137	636	57	13	70	5	2	7	4	2	6	12	...	12	78	17	95	79	15	94	342	105	447
1896	...	342	105	447	89	21	110	...	...	...	431	126	557	54	12	66	9	2	11	12	2	14	8	...	8	83	16	99	28	10	38	320	100	420
1897	...	320	100	420	101	22	123	...	...	...	421	122	543	40	7	47	9	2	11	4	1	5	18	...	18	71	10	81	23	14	37	327	98	425
1898	...	327	98	425	86	23	109	1	1	2	414	122	536	40	7	47	7	1	8	1	1	1	12	1	13	60	9	69	20	12	32	334	101	435
1899	...	334	101	435	80	24	104	3	1	4	417	126	543	62	11	73	4	1	5	4	1	5	4	1	5	74	14	88	31	20	51	312	92	404

The capacity of the Madras Lunatic Asylum at 60 square feet per European patient equals... 186
 Do. do. 45 do. per Native do. ... 553
 Total ... 689

VIZAGA

1889	41	11	55	2	3	5	...	...	...	46	14	60	1	1	2	1	...	...	...	...	2	1	3	...	...	...	...	44	13	57		
1890	44	13	57	7	...	7	...	...	...	51	13	64	2	1	3	1	...	...	...	...	2	5	1	6	4	2	6	42	10	52		
1891	42	10	52	9	2	11	1	...	...	52	12	64	2	1	3	3	...	...	...	...	1	1	6	1	7	4	4	42	11	53		
1892	42	11	53	5	3	8	...	...	...	47	14	61	4	...	...	...	...	...	...	...	12	1	13	16	1	17	7	2	9	24	11	35
1893	24	11	35	13	2	15	1	...	...	38	13	51	3	...	...	...	...	...	...	...	4	...	4	1	...	...	1	33	13	46		
1894	33	13	46	7	2	9	3	...	...	43	15	58	2	1	3	1	1	...	...	...	3	1	4	2	...	...	2	38	14	52		
1895	38	14	52	14	3	17	1	...	...	53	17	70	5	1	6	...	...	...	...	...	2	7	1	8	1	1	2	45	15	60		
1896	45	15	60	17	2	19	...	...	...	62	17	79	5	2	7	1	...	...	...	...	6	2	8	1	...	...	1	55	15	70		
1897	55	15	70	9	2	11	1	...	...	65	17	82	6	1	7	1	1	1	...	...	1	...	8	1	9	...	1	57	15	72		
1898	57	15	72	9	2	11	...	...	...	66	17	83	7	1	8	1	1	...	...	...	8	1	9	4	2	6	54	14	68			
1899	54	14	68	7	4	11	...	...	...	61	18	79	5	1	6	1	1	1	...	...	...	5	2	7	1	1	2	55	15	70		

The capacity of the Vizagapatam Lunatic Asylum at 50 square feet per Native patient equals—
 Males ... 75
 Females ... 16
 Total ... 91

CALI

1889	102	27	129	12	12	24	2	...	2	116	39	155	2	2	4	2	...	2	...	1	1	5	2	7	5	3	8	106	94	140			
1890	106	34	140	25	16	41	3	...	3	134	50	184	12	5	17	1	1	2	1	...	1	1	14	7	21	20	7	27	100	36	138		
1891	100	36	136	31	7	38	1	...	1	132	43	175	12	5	17	...	2	2	2	...	2	14	7	21	9	4	18	109	32	141			
1892	109	32	141	16	4	20	1	...	1	126	36	162	17	5	22	2	...	2	...	1	126	6	32	46	12	57	23	1	24	58	28	81	
1893	58	23	81	22	5	27	1	...	1	81	28	109	8	1	9	2	1	3	...	1	1	11	3	14	13	2	15	57	28	80			
1894	57	23	80	36	5	41	3	...	3	96	28	124	18	3	21	...	...	...	...	...	18	3	21	6	...	6	72	25	97				
1895	72	25	97	27	8	35	3	...	3	102	36	138	15	2	17	3	1	4	2	...	2	20	3	23	7	7	14	75	26	101			
1896	75	26	101	19	4	23	3	1	4	97	31	128	17	5	22	3	...	3	2	...	2	22	5	27	6	1	7	69	25	94			
1897	69	25	94	18	2	20	1	2	3	88	29	117	6	1	7	5	1	6	...	...	11	2	13	14	7	21	63	20	83				
1898	63	20	83	9	2	11	...	1	72	23	95	7	1	8	3	...	3	...	...	1	1	11	2	13	7	1	8	54	20	74			
1899	54	20	74	19	11	30	2	...	2	75	31	106	9	4	13	2	1	3	2	...	2	2	2	...	2	...	6	50	24	80			
Grand Total } for 1899.	442	135	577	106	39	145	5	1	6	553	175	728	76	16	92	6	3	9	6	1	7	6	1	7	94	21	115	56	23	59	428	131	554

The capacity of the Calicut Lunatic Asylum at 50 square feet per Native patient equals—
 Males ... 100
 Females ... 35
 Total ... 135

No. I.

Asylums in the Madras Presidency during the year 1899 and ten previous years.

9			10			11											
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.	Males.	Females.	Total.
341-50	111-50	453-00	12-50	4-66	17-16	14-64	10-76	13-68	7-61	15-24	9-49	54-94	52-17	54-38	28-57	78-91	37-71
329-53	108-44	432-97	20-86	9-04	29-40	9-71	11-60	10-16	17-90	21-26	18-70	28-82	34-28	80-13	53-15	62-85	55-47
318-28	101-72	420-00	11-81	4-60	16-41	9-73	9-83	9-76	23-87	20-64	23-09	25-83	23-80	25-30	63-33	50-00	50-67
304-98	104-27	403-25	29-49	9-24	38-73	10-82	17-26	12-46	17-37	17-26	17-34	21-01	30-50	23-61	33-75	30-50	32-37
333-87	105-33	439-00	71-97	21-32	93-29	11-98	13-29	12-30	10-48	14-24	11-88	30-53	38-88	32-33	26-71	41-66	30-94
363-00	111-00	474-00	61-00	21-00	82-00	9-92	7-20	9-28	11-84	11-71	11-81	27-48	22-85	26-50	32-82	37-14	32-78
330-97	109-22	440-19	63-00	26-00	89-00	17-22	11-92	15-90	23-86	13-78	21-36	42-54	46-43	43-21	58-96	53-57	58-02
322-75	101-20	423-95	43-13	14-14	57-27	16-73	11-86	15-57	8-68	9-88	8-96	60-67	57-14	60-00	31-46	47-62	34-33
324-70	96-47	421-26	34-42	13-65	43-07	12-32	7-26	11-16	7-08	14-51	8-78	39-60	31-82	33-21	22-77	68-63	30-63
328-02	97-61	425-53	37-40	18-90	56-30	12-19	7-18	11-05	6-09	12-31	7-52	45-98	29-17	42-34	22-99	50-00	25-58
336-45	96-97	433-42	45-06	16-64	61-70	18-43	11-34	16-84	9-21	20-62	11-77	74-70	44-00	67-69	37-35	80-00	47-62

RAS.																	
341-50	111-50	453-00	12-50	4-66	17-16	14-64	10-76	13-68	7-61	15-24	9-49	54-94	52-17	54-38	28-57	78-91	37-71
329-53	108-44	432-97	20-86	9-04	29-40	9-71	11-60	10-16	17-90	21-26	18-70	28-82	34-28	80-13	53-15	62-85	55-47
318-28	101-72	420-00	11-81	4-60	16-41	9-73	9-83	9-76	23-87	20-64	23-09	25-83	23-80	25-30	63-33	50-00	50-67
304-98	104-27	403-25	29-49	9-24	38-73	10-82	17-26	12-46	17-37	17-26	17-34	21-01	30-50	23-61	33-75	30-50	32-37
333-87	105-33	439-00	71-97	21-32	93-29	11-98	13-29	12-30	10-48	14-24	11-88	30-53	38-88	32-33	26-71	41-66	30-94
363-00	111-00	474-00	61-00	21-00	82-00	9-92	7-20	9-28	11-84	11-71	11-81	27-48	22-85	26-50	32-82	37-14	32-78
330-97	109-22	440-19	63-00	26-00	89-00	17-22	11-92	15-90	23-86	13-78	21-36	42-54	46-43	43-21	58-96	53-57	58-02
322-75	101-20	423-95	43-13	14-14	57-27	16-73	11-86	15-57	8-68	9-88	8-96	60-67	57-14	60-00	31-46	47-62	34-33
324-70	96-47	421-26	34-42	13-65	43-07	12-32	7-26	11-16	7-08	14-51	8-78	39-60	31-82	33-21	22-77	68-63	30-63
328-02	97-61	425-53	37-40	18-90	56-30	12-19	7-18	11-05	6-09	12-31	7-52	45-98	29-17	42-34	22-99	50-00	25-58
336-45	96-97	433-42	45-06	16-64	61-70	18-43	11-34	16-84	9-21	20-62	11-77	74-70	44-00	67-69	37-35	80-00	47-62

STATEMENT No. II.

Return of Criminal Lunatics in the Asylums in the Madras Presidency for the year 1899 and ten previous years.

1	2			3			4			5			6			7			8			9			
Years.	Remained at the beginning of the year.			Admitted.			Re-admitted.			Total.			Discharged, transferred, &c.			Died.			Remaining at the end of the year.			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.																									
1889	...	81	13	94	7	...	7	...	...	88	13	101	9	1	10	1	...	1	78	12	90	78.25	12.00	90.25	
1890	...	78	12	90	10	...	10	...	...	88	12	100	3	...	3	8	3	11	77	9	86	78.52	10.04	88.56	
1891	...	77	9	86	20	4	24	...	...	97	13	110	8	3	11	7	...	7	82	10	92	82.74	9.56	92.30	
1892	...	82	10	92	63	18	76	...	...	145	23	168	10	1	11	12	...	12	123	22	145	99.37	13.35	112.72	
1893	...	123	22	145	27	6	33	...	...	150	28	178	17	5	22	4	2	6	129	21	150	125.54	22.78	148.32	
1894	...	129	21	150	38	5	43	...	...	167	26	193	14	6	20	12	2	14	141	18	159	138.00	21.00	159.00	
1895	...	141	18	159	43	2	45	...	...	184	20	204	17	1	18	24	2	26	143	17	160	133.31	16.98	150.29	
1896	...	143	17	160	28	4	32	...	...	171	21	192	34	3	37	11	1	12	126	17	143	130.91	16.22	147.13	
1897	...	126	17	143	28	2	30	...	...	154	19	173	16	...	16	9	4	13	129	15	144	128.09	15.69	143.78	
1898	...	129	15	144	18	1	19	1	1	2	148	17	165	25	2	27	2	1	3	121	14	135	123.35	15.10	138.45
1899	...	121	14	135	25	4	29	3	1	4	149	19	168	16	2	18	15	2	17	118	15	133	117.90	14.18	132.08
VIZAGAPATAM.																									
1889	...	13	1	14	...	...	...	...	...	13	1	14	1	...	1	...	...	...	12	1	13	12.22	1.00	13.22	
1890	...	12	1	13	...	...	...	...	...	12	1	13	...	...	...	1	...	1	11	1	12	11.68	1.00	12.68	
1891	...	11	1	12	...	...	1	...	1	12	1	13	1	...	1	...	...	...	11	1	12	11.00	1.00	12.00	
1892	...	11	1	12	1	...	1	...	...	12	1	13	12	1	13	...	...	...	...	...	...	6.59	0.60	7.19	
1893	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1894	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	1	...	1	0.74	...	0.74	
1895	...	1	...	1	...	...	1	...	1	2	...	2	2	...	2	...	...	...	...	...	...	0.47	...	0.47	
1896	...	...	...	...	1	...	1	...	...	1	...	1	1	...	1	...	...	...	...	...	...	0.10	...	0.10	
1897	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1898	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
CALICUT.																									
1889	...	29	5	34	5	4	9	1	...	1	35	9	44	1	...	1	3	...	3	31	9	40	30.98	6.52	37.50
1890	...	31	9	40	5	1	6	...	...	36	10	46	4	...	4	1	2	3	31	8	39	29.92	7.72	37.64	
1891	...	31	8	39	9	...	9	...	...	40	8	48	2	1	3	2	...	2	36	7	43	32.64	7.83	40.47	
1892	...	36	7	43	7	...	1	...	...	37	7	44	32	6	38	5	1	6	...	...	...	22.41	4.45	26.86	
1893	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1894	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1895	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1896	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1897	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1898	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total for 1899.	121	14	135	25	4	29	3	1	4	149	19	168	16	2	18	15	2	17	118	15	133	117.90	14.18	132.08	

STATEMENT No. III.

Return showing the Religion, Sex and Residence of Patients admitted into the Lunatic Asylums in the Madras Presidency during the year 1899.

1	2						3			4			5			6		
Districts.	Christians.						Hindus.			Muhammadans.			Other Castes.			Total.		
	Europeans and Eurasians.			Natives.														
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																		
Anantapur ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...
Arcot, North ...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	1	...	1
Arcot, South ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	1
Bangalore ...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1
Belgaum ...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	1	...	...	2
Bellary ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...	1
Berhampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Bhamo ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Chingleput ...	...	...	...	1	...	1	2	2	...	...	...	...	...	...	3	...	...	3
Cochin ...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Coimbatore ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...
Coorg ...	...	...	...	...	...	...	1	2	3	...	...	...	...	...	1	2	3	...
Cuddalore ...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	1	1	2	...
Cuddapah ...	...	...	...	1	...	1	2	2	...	...	...	...	...	...	3	...	3	...
Guntur ...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	1	...
Hindupur ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...
Hyderabad ...	...	1	1	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...
Kurnool ...	...	...	...	...	2	...	1	1	1	...	1	...	...	...	2	...	2	...
Madras ...	1	3	4	1	2	3	12	7	19	3	...	3	3	1	4	20	13	33
Madura ...	...	...	...	...	1	1	2	1	3	1	...	1	...	...	3	2	5	...
Malabar ...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...
Mandalay ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Mangalore ...	...	...	...	...	...	...	2	2	...	...	...	1	...	1	3	...	3	...
Nellore ...	1	...	1	...	...	...	5	5	...	...	...	...	...	...	6	...	6	...
Palamcottah ...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	2	...	2	...
Pondicherry ...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	1	1	2	...
Rangoon ...	2	...	2	...	...	...	6	6	2	...	2	...	...	...	10	...	10	...
Salem ...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	2	...	2	...
Tanjore ...	...	...	...	...	...	...	2	2	1	...	1	...	...	...	3	...	3	...
Thayetmyo ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Tinnevely ...	...	...	...	...	...	...	2	2	4	1	...	1	...	...	3	2	5	...
Trichinopoly ...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	1	...	1	...
Vellore ...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	2	...	2	...
Vizagapatam ...	2	...	2	...	...	...	1	1	...	...	...	...	...	...	3	...	3	...
Total ...	9	5	14	5	3	8	50	16	66	13	...	13	6	1	7	23	25	106
VIZAGAPATAM.																		
Goddavari ...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	1	1	2	...
Ganjam ...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	1	...	1	...
Hyderabad ...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	1	1	2	...
Kistna ...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	1	...
Sultappore ...	...	...	...	...	...	...	2	2	4	...	...	...	...	...	2	2	4	...
Vizagapatam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	1	...	1	4	4	8	2	...	2	...	...	7	4	11	...
CALICUT.																		
Malabar ...	...	...	...	1	4	5	8	2	10	6	2	8	1	...	1	16	8	24
South Canara ...	...	...	...	1	1	2	1	...	1	...	1	1	...	...	...	2	2	4
Coimbatore ...	...	...	...	1	...	1	2	...	2	...	...	...	...	...	3	...	3	...
Cochin State ...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...
Total ...	...	...	...	3	5	8	11	2	13	6	4	10	1	...	1	21	11	32
Grand Total ...	9	5	14	9	8	17	65	22	87	21	4	25	7	1	8	111	40	151

STATEMENT No. IV.

Return showing the previous occupation of Patients admitted into the Lunatic Asylums in the Madras Presidency during the year 1899.

1	2			3			4			5		
Name of Asylum.	Madras.			Visagapatam.			Calicut.			Total.		
Occupation of Patients.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Assistant Surgeon	1		1							1		1
Barber	2		2							2		2
Bazaarman	2		2							2		2
Beggar	4		4	2		2	1		1	5		5
Boatman	1		1							1		1
Bricklayer	1		1							1		1
Basket-maker							1		1			1
Catechist	1		1							1		1
Carpenter							1		1			1
Cultivator	11	1	12	1		1	1		1	13	1	14
Oliver-maker							1		1			1
Chuokler	1		1							1		1
Clerk	1		1							1		1
Cook	1		1				1		1			1
Cooly	11	6	17							11	6	17
Dancing woman		1	1								1	1
Domestic servant	1		1				1		1			1
Elephant mahout	1		1							1		1
Filler	1		1							1		1
Forest ranger	1		1							1		1
Locomotive Foreman	1		1							1		1
Fruit-seller	1		1							1		1
Hospital Assistant	1		1							1		1
Merchant	2		2							2		2
Labourer							4	1	5	4	1	5
Leather-worker							1		1			1
Goldsmith							1		1			1
Jutka-driver							1		1			1
Mason				1		1				1		1
Nurse		1	1								1	1
Peon	2		2	1		1				3		3
Petty trader	1		1				1	1	2	2	1	3
Police Havildar	1		1							1		1
Prostitute		1	1								1	1
Ryot	3		3							3		3
Teacher	1	1	2	1		1				2	1	3
Sepoy	7		7	2		2				9		9
Shepherd	1		1							1		1
Soldier	5		5							5		5
Spinner							1		1			1
Sweeper	1		1							1		1
Tailor	1	1	2							1	1	2
Toddy-drawer	1		1							1		1
Weaver	5		5				1		1	6		6
Unknown	8	13	21	1		1	2	3	5	11	16	27
Nil					2	2	1	2	3	1	4	5
Temple servant							1		1			1
Total	83	25	108	7	4	11	21	11	32	111	40	151

The occupations of 9 European and Eurasian males and 5 European and Eurasian females admitted during 1899 into the Madras Lunatic Asylum were as follows:—

Males.				Females.			
Assistant Surgeon			1	Nurse			1
Soldiers			5	Needle woman			1
Locomotive Foreman			1	No occupation			3
Forest ranger			1				
No occupation			1				

STATEMENT No. V.

Return showing the Ages of Patients admitted into the Lunatic Asylums in the Madras Presidency during the year 1899.

1	2			3			4			5			6		
Name of Asylum.	Under 20 years.			20 to 40.			40 to 60.			Upwards of 60 years.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Madras	3	1	4	65	17	82	15	6	21	1	1	2	83	25	108
Visagapatam				6	2	8	1	1	2		1	1	7	4	11
Calicut	2		2	17	6	23	2	5	7				21	11	32
Total	5	1	6	88	25	113	18	12	30	1	2	3	111	40	151

STATEMENT No. VI.
Return showing the Types of Insanity of the Lunatics in the Asylums in the Madras Presidency during the year 1899.

1	2			3			4		
	136. Idiocy.			137. Mania, acute or chronic.			138. Melancholia, acute or chronic.		
	Epileptic.			Other forms.			Epileptic.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.									
Remained on 31st December 1898	20	4	24	21	9	30	205	70	275
Admitted	1	1	2	8	3	11	54	16	70
Total treated	21	5	26	29	12	41	259	86	345
Recovered	...	...	...	3	...	3	52	9	61
Improved *	...	...	...	1	2	3	7	...	2
Died	...	...	...	6	1	7	21	14	35
Remaining on 31st December 1899	21	5	26	19	9	28	179	63	242
VIZAGAPATAM.									
Remained on 31st December 1898	2	1	3	4	...	4	23	5	28
Admitted	...	...	...	...	...	...	6	4	10
Total treated	2	1	3	4	...	4	29	9	38
Recovered	...	...	...	...	...	...	5	1	6
Improved	...	...	...	...	...	...	...	1	1
Died	...	...	...	...	...	...	...	1	1
Remaining on 31st December 1899	2	1	3	4	...	4	24	6	30
CALCUT.									
Remained on 31st December 1898	2	...	2	4	1	5	35	13	48
Admitted	1	...	1	...	...	...	18	8	26
Total treated	3	...	3	4	1	5	53	21	74
Recovered	...	...	...	...	...	...	8	4	12
Improved	...	...	...	...	...	...	4	1	5
Died	...	...	...	...	...	...	1	...	1
Remaining on 31st December 1899	2	...	2	1	1	2	40	16	56
Grand Total treated	26	6	32	37	13	50	341	116	457

STATEMENT No. VI—continued.

Return showing the Types of Insanity of the Lunatics in the Asylums in the Madras Presidency during the year 1899—continued.

Cases.	5			6			7			8			9			10		
	139. Dementia including acquired.			140. Mental stupor.			141. General paralysis of the insane.			142. Delusional insanity.			Declared to have recovered or not yet diagnosed.			Total.		
	Epileptic.			Other forms.			Total.			Total.			Total.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																		
Remained on 31st December 1898.	...	...	...	72	12	84	...	...	...	...	...	...	1	...	1	334	101	435
Admitted	...	...	...	8	2	10	...	...	...	...	...	...	...	...	...	83	25	108
Total treated	...	...	...	80	14	94	...	...	...	...	...	...	1	...	2	417	126	543
Recovered	...	...	...	4	...	4	...	...	...	...	...	...	...	...	...	62	11	73
Improved *	...	...	...	4	1	5	...	...	...	...	...	...	...	...	...	12	3	15
Died	...	...	...	3	4	7	...	...	...	...	...	...	...	...	...	31	20	51
Remaining on 31st December 1899.	...	...	...	69	9	78	...	...	...	...	...	...	1	...	2	312	92	404
VIZAGAPATAM.																		
Remained on 31st December 1898.	1	...	1	14	4	18	...	...	...	...	...	...	...	...	...	54	14	68
Admitted	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	7	4	11
Total treated	1	...	1	15	4	19	...	...	...	...	...	...	...	...	...	61	18	79
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	1	6
Improved *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Remaining on 31st December 1899.	1	...	1	14	4	18	...	...	...	...	...	...	...	...	...	55	15	70
CALCUT.																		
Remained on 31st December 1898.	...	...	...	7	5	12	...	...	...	...	...	...	...	...	...	54	20	74
Admitted	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	21	11	32
Total treated	...	...	...	7	7	14	...	...	...	...	...	...	...	...	...	75	31	106
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	4	13
Improved	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	6	1	7
Died	...	...	...	...	5	5	...	...	...	...	...	...	...	...	...	4	2	6
Remaining on 31st December 1899.	...	...	...	7	6	13	...	...	...	...	...	...	...	...	...	56	24	80
Grand Total treated	1	...	1	102	25	127	...	...	...	...	...	...	1	...	2	553	175	728

* Handled over to Do. and improved
Do. and improved
Transferred to Criminal Department
Transferred to Civil List
Escaped
Total

STATEMENT No. VII.

Table showing the alleged Causes of Insanity among the Lunatics in the Asylums in the Madras Presidency during the year 1899.

1	2	3	4	5	6	7	8	9
Cases.	Physical Causes.							
	Charas smoking.		Ganja smoking.		Use of bang.		Opium smoking (madak and chandu).	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

STATEMENT No. VII—continued.

Table showing the alleged Causes of Insanity among the Lunatics in the Asylums in the Madras Presidency during the year 1899—continued.

Cases.	10	11	12	13	14	15	16	
	Physical Causes—cont.							
	Etc.		Total, Physical.		Total known.		Total unknown.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.
Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

Remaining ...	...	...	...	...	...	...	...	...
Admitted ...	...	...	...	...	...	...	...	...
Criminal ...	...	...	...	...	...	...	...	...
Non-criminal ...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	...	...	...	...	...	...

* Handled over improved
Do. not improved
Transferred to England
Do. to Civil List
Escaped

Total ... 15

Total ... 7

STATEMENT No. VIII.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1899.

1			2			3			4			5						6				
Diseases.	Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.												
										Discharged 'cured.'			Discharged 'otherwise.'			Died.			Re- main- ing sick.			
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
MADRAS.																						
GENERAL DISEASES.																						
16. Simple continued fever	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	
21. Dysentery	...	...	...	4	3	7	4	3	7	...	3	3	...	...	...	4	...	4	...	...	...	
24. Malarial fever—																						
(a) Intermittent	...	...	...	7	...	7	7	...	7	7	...	7	...	...	...	...	...	...	...	...	...	
(b) Remittent	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
30. Tubercle	...	2	...	2	26	8	34	28	8	36	1	...	1	6	6	11	9	1	*10	12	214	
31. Leprosy—																						
(a) Anaesthetic	...	1	...	1	1	...	1	2	...	2	...	...	1	...	1	1	...	1	...	1	...	
3. Syphilis—																						
(b) Secondary	...	1	1	2	6	1	7	7	2	9	2	...	2	4	...	4	...	2	2	1	1	
40. Diseases dependent on animal parasites—																						
D. Order Nematoda—																						
39. Ascaris lumbricoides.	...	...	..	4	1	5	4	1	5	3	1	4	...	...	...	...	...	...	1	...	1	
51. Strongylus duodenalis	...	...	...	2	2	4	2	2	4	...	...	...	1	...	1	...	...	...	1	2	3	
H. Class Arachnida—																						
107. Sarcoptes Scabiei...	...	...	...	7	...	7	7	...	7	7	...	7	...	...	...	...	...	...	...	...	...	
41. Diseases dependent on vegetable parasites—																						
III. Spirilla—																						
Hyphomycetes—																						
35. Trichophyton Tonsu- rans	...	...	...	14	...	14	14	...	14	13	...	13	...	...	...	...	...	...	1	...	1	
52. Surfeit	...	...	...	13	4	17	13	4	17	11	3	14	...	...	...	1	...	+ 1	1	1	2	
54. Scurvy	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
64 Newgrowth, Malignant(Cancer, Pancreas)	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	
67. Myxædema	...	1	1	...	1	1	...	2	2	...	...	...	1	1	...	1	1	...	...	...	...	
70. Idiopathic anæmia	...	2	1	3	1	1	2	3	2	5	3	1	4	...	...	1	1	...	...	...	...	
75. Diabetes mellitus	...	1	...	1	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	
80. Old age	...	4	4	8	7	3	10	11	7	18	...	...	...	4	2	6	3	5	8	4	4	
LOCAL DISEASES.																						
Diseases of the Nervous System.																						
Sub-Section I.																						
Diseases of the spinal cord and membranes.																						
Spinal cord—																						
85. Inflammation (acute)—																						
(b) Local—Transverse	...	-1	...	1	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	
87. Degeneration—																						
(b) Of lateral columns.	...	...	...	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	
Sub-Section II.																						
Functional Nervous Disorders, with other diseases of undetermined nature—																						
118. Epilepsy	...	1	1	2	37	5	42	38	6	44	...	...	...	80	2	32	4	1	† 5	4	8	
Sub-Section III.																						
Mental Diseases—																						
136. Idiocy	...	1	...	1	4	1	5	5	1	6	...	...	...	4	1	5	...	...	...	1	...	
137. Mania	...	9	1	10	62	14	76	71	15	86	...	...	...	63	8	66	2	5	7	6	718	
138. Melancholia	...	1	...	1	10	4	14	11	4	15	...	...	...	9	2	11	...	...	...	2	4	
139. Dementia	...	1	1	2	5	3	8	6	4	10	...	...	...	5	2	7	...	2	2	1	...	

* V. D. Heart 1, Villous growth 3 bladder 1, Gangrene of lung 1, Catarrhal enteritis 1.
† Cancer of pancreas—perforation of stomach. ‡ Asphyxia 3.

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1899—continued.

1			2			3			4			5									6		
Diseases.			Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.									Re- main- ing sick.		
												Discharged 'cured.'			Discharged 'otherwise.'			Died.					
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.			
MADRAS—continued.																							
Diseases of the Eye.																							
Diseases of the Conjunctiva.																							
143.	Conjunctivitis—					2		2	2		2	2		2									
	(a) Catarrhal																						
Disease of the Cornea.																							
149.	Ulceration—					1		1	1		1	1		1									
	(a) Superficial ulcer																						
Diseases of the Nose.																							
244.	Inflammation of soft parts—																						
	(b) Chronic—					1		1	1		1	1		1									
	(2) with atrophy																						
Diseases of the Circulatory System.																							
Diseases of the Heart and its mem- branes—																							
Diseases of the Membranes.																							
259.	Valvular disease—					2		2	2		2			1		1				1			
	(2) Mitral																						
Diseases of the Muscular substance.																							
261.	Degeneration—						1	1		1	1							1	1				
	(a) Fatty																						
278.	Disordered action of Heart...					1		1	1		1			1		1							
Diseases of the Respiratory System.																							
Diseases of the Trachea and Bronchi.																							
315.	Bronchitis (a) Catarrhal—					6		6	6		6	6		6									
	(1) Acute																						
322.	Spasmodic Asthma					1		1	1		1			1		1							
Diseases of the Lungs.																							
326.	Pneumonia—					1		1	1		1						1		*1				
	(b) Lobar (both bases)																1						
330.	Gangrene lung (right base).					1		1	1		1								1				
Diseases of the Pleura.																							
339.	Pleurisy—					1		1	1		1	1		1									
	(a) Acute (left)																						
Diseases of the Digestive System.																							
Diseases of the Mouth.																							
348.	Inflammation—					12		12	12		12	9		9	1		1			2			
	(b) Vesicular																						
Diseases of the Stomach.																							
402.	Inflammation—					3		3	3		3	3		3									
	(a) Catarrhal																						
403.	Ulceration—					1		1	1		1	1		1									
	(b) Perforating																						
414.	Dilatation					1		1	1		1	1		1									

* Gangrene of lung.

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1899—continued.

[illegible]

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1899—continued.

1	2			3			4			5						6						
Diseases.	Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.												
										Discharged 'cured.'			Discharged 'otherwise.'*			Died.			Re-maining sick.			
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
VIZAGAPATAM—continued.																						
II.—LOCAL DISEASES—cont.																						
Diseases of the Rectum and Anus.																						
477. Piles—																						
(a) Internal 1 ... 1 1 ... 1 ... 1 ... 1 ... 1 ...																						
Diseases of the Generative System.																						
Diseases of the female organs of generation.																						
Functional disorders.																						
685. Menorrhagia 2 2 ... 2 2 ... 2 2 ... 2 ...																						
Diseases of the Connective Tissue.																						
798. Inflammation 1 1 ... 1 1 ... 1 1 ... 1 ...																						
799. Abscess 1 1 2 1 1 2 1 1 2 ...																						
Diseases of the Skin.																						
843. Ulcer 1 ... 1 ... 1 ... 1 1 ... 1 ...																						
845. Boil 1 1 ... 1 1 ... 1 1 ... 1 ...																						
INJURIES.																						
Local.																						
Section II.																						
Injuries of the upper extremities.																						
1024. Wound, finger 1 1 ... 1 1 ... 1 1 ...																						
1030. Fracture of the humerus, simple, indirect violence 1 1 ... 1 1 ... 1 1 ...																						
Total ... 3 ... 3 36 18 54 39 18 57 29 15 44 6 2 8 1 1 2 3 ... 3																						
CALICUT.																						
I.—GENERAL DISEASES.																						
16. Simple continued fever 1 ... 1 1 ... 1 1 ... 1 ...																						
21. Dysentery 9 ... 9 9 ... 9 7 ... 7 ...																						
30. Tubercle 2 ... 2 2 1 3 4 1 5 ... 3 ...																						
33(5). Secondary syphilis 1 ... 1 1 ... 1 1 ... 1 ...																						
40. Diseases dependent on animal parasites 1 ... 1 ... 1 1 ... 1 ...																						
59. Rheumatism, chronic 1 ... 1 1 3 3 1 3 4 ... 1 1 2 ...																						
89. Old age 1 1 1 2 3 1 3 4 ... 1 ...																						
II.—LOCAL DISEASES.																						
Diseases of the Nervous System.																						
Sub-Section II.																						
113. Epilepsy 2 ... 2 1 ... 1 3 ... 3 ... 1 ...																						
Sub-Section III.																						
137. Mania 1 1 3 4 7 3 5 8 ... 2 4 6 ... 1 1 1 ...																						
139. Dementia 1 ... 1 1 ... 1 ... 1 ...																						

* The cases discharged 'otherwise' were all relieved.
 * 1 re-admitted for dysentery, 1 relieved from the state.
 * 6 relieved, 1 re-admitted for dysentery.

† 2 relieved, 1 handed over under orders of the Magistrate.
§ Discharged under the orders of the Magistrate.
¶ Re-admitted for dysentery.

STATEMENT No. IX.

Statement showing the Cash Account of the Lunatic Asylums for the year 1899.

Receipts.											
Asylums.	Received from Treasury.		Received from paying patients.		Value of stores received from the manufacturing department less cost of raw materials.	Book receipts, i.e., the total of expenditure entered in columns 19, 20 and 21.	Miscellaneous receipts.		Total.		
1	2		3		4	5	6		7		
Madras	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.		
Madras	(a)	78,292 8 1	11,763	11 4	(d)	4,436 3 7	36,607	0 6	(g)	313 3 1	1,81,362 10 7
Vizagapatam	(b)	5,705 1 0	287	4 5	(e)	984 8 4	3,873	13 5	(h)	77 2 10	10,927 14 0
Calicut	(c)	8,850 14 1	75	11 2	(f)	575 7 8	2,864	8 4	(i)	276 8 0	12,642 1 3
Total		92,788 7 2	12,126	10 11		5,996 3 7	43,345	6 3		665 13 11	1,54,922 9 10

Charges.																
Asylums.	Establishment.		Diet.	Clothing and bedding.	Bazaar medicines.	Contingencies.										
	Establishment proper.	Superintendence.				Contingen- cies proper.	Repairs and maintenance.	Rates and taxes.								
	8	9	10	11	12	13	14	15								
Madras	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.							
Madras	24,463	1 2	7,517	14 4	30,107	0 7	(j)	3,131 0 4	113	10 4	(m)	3,898 5 5	329	0 2	1,804	4 10
Vizagapatam	2,698	7 2	800	0 0	1,852	12 5	(k)	98 3 1	20	12 9	(n)	78 5 9				0 0
Calicut	3,416	6 11	577	6 9	3,024	6 0	(l)	298 7 0	81	4 4	(o)	223 13 6	508	6 11	0	13 0
Total	30,577	15 3	8,695	5 1	31,984	3 4		3,527 10 5	215	11 5		4,140 8 8	837	7 1	1,811	2 4

(a)	{	Includes the value of stores on 1st January 1899	5,169 15 11	(h)	{	Sale of refuse paddy, &c.	69 2 10
	{	Cost of raw materials purchased	1,171 2 5		{	Do. condemned stores	8 0 0
					Total	77 2 10	
(b)	{	Includes the value of stores on 1st January 1899	260 9 8	(i)	{	Sale-proceeds of dairy farm	204 1
	{	Cost of raw materials purchased	288 6 6		{	Lunatic labour	35 9
						25 0	
						Gunny bags sold	10 12
					Total	275 8	
(c)	{	Includes the value of stores on 1st January 1899	129 6 5	(j)	{	Asylum clothing	2,210 3 10
	{	Cost of raw materials purchased	567 13 7		{	Local purchase	920 12
	{	Value of raw materials in store on 1st January 1899	29 9 7		Total	3,131 0	
				(k)	{	Asylum clothing	78 3
					{	Local purchase	20 0
					Total	98 3	
(d)	{	Value of clothing made over to the asylum	2,210 3 10	(l)	{	Asylum clothing	130 0
	{	Do. sold to the public	1,329 13 5		{	Local purchase	118 7
	{	Value of garden produce sold	2,067 4 9		Total	248 7	
		Total	5,607 6 0				
		Deduct cost of raw materials	1,171 2 5				
		Net	4,436 3 7				
(e)	{	Value of clothing made over to the asylum	78 3 1	(m)	{	Petty repairs	334 15
	{	Do. manufactured goods made over to the asylum	67 9 9		{	Advertisements	71 11
	{	Do. manufactured goods sold to the public	519 1 0		{	Binding charges	12 2
	{	Do. garden produce sold to the public	336 14 4		{	Petty carriage and coolie charges	53 5
	{	Do. do. made over to the asylum	211 2 8		{	Vaccine lymph	2 5
		Total	1,272 14 10		{	Funeral expenses	103 8
		Deduct cost of raw materials	288 6 6		{	Wages to extra servants	75 11
		Net	984 8 4		{	Post and telegraph charges	90 1
					{	Amusement and recreation	501 15
					{	Periodicals	40 0
					{	Railway charges and carriage hire to patients	463 6
					{	Lime-washing charges	331 5
					{	Maintenance of patients under boarding out system	120 0
					{	Miscellaneous charges	1,594 15
					Total	3,898 5 5	
(f)	{	Value of clothing made over to the asylum	180 0 0	(n)	{	Amusement and recreation	8 11
	{	Do. clothing sold to the public	462 13 1		{	Feeding of asylum bulls	41 6
	{	Do. garden produce sold to the public	321 4 0		{	Railway fare to recovered insanes	7 5
	{	Do. do. made over to the asylum	208 13 9		{	Post and telegraph charges	11 8
		Total	1,172 14 10		{	Binding and packing charges	2 4
		Deduct cost of raw materials purchased and in store	587 7 2		{	Repair of furniture	6 3
		Net	575 7 8		{	Funeral charges	1 0
(g)	{	Sale of refuse dhall	86 13 5	(o)	{	Amusement and recreation	124 2
	{	Do. condemned stores	139 9 10		{	Funeral charges	2 5
	{	Fine on the contractor	36 12 0		{	Railway fare and boat hire	8 3
	{	Deposit of a tenderer confiscated to Government	100 0 0		{	Purchase and repair of furniture	35 9
		Total	313 3 1		{	Post and telegraph charges	12 6
					{	Miscellaneous charges	43 3 1
					Total	223 13	

† No union.

STATEMENT No. IX—continued.

Statement showing the Cash Account of the Lunatic Asylums for the year 1899—continued.

Asylums.	Charges—continued.						
	Remitted to Treasury on account of paying patients, &c.	Miscellaneous items.	Total of columns 8-17.	Book charges.			Total of columns 18-21.
	16	17	18	Charges on account of work done by Public Works Department.	Cost of printed forms and stationery.	Cost of English stores and medicines.	22
Madras	RS. A. P. (p) 15,474 0 7	RS. A. P. (s) 4,282 9 3	RS. A. P. 91,060 15 0	RS. A. P. (v) 35,989 11 9	RS. A. P. 154 5 0	RS. A. P. 462 15 0	RS. A. P. (z) 1,27,067 15 6 3,084 11 1 1,31,352 10 7
Vizagapatam	(q) 1,280 6 7	(t) 70 10 7	6,705 10 8	(w) 3,709 0 0	6 10 6	(y) 98 2 11	10,879 8 1 (z) 348 5 11 10,927 14 0
Calicut	(r) 1,135 4 3	(u) 226 1 10	9,492 7 0	(x) 2,821 2 3	43 6 1		12,356 15 4 (z) 285 1 11 12,642 1 3
Total	17,889 11 5	4,879 5 8	1,07,259 0 8	42,579 14 0	204 4 4	561 1 11	1,54,922 9 10

(p) Paying patients RS. A. P. 11,763 11 4 Sale-proceeds of manufactured goods 1,329 13 5 Sale of garden produce 2,067 4 9 Miscellaneous receipts as per column 6 313 3 1 Total 15,474 0 7		(q) Paying patients 287 4 5 Sale of manufactured goods 519 1 0 Do. garden produce 396 14 4 Miscellaneous receipts as per column 6 77 2 10 Total 1,280 6 7		(r) Paying patients 75 11 2 Sale-proceeds of manufactured goods 462 13 1 Sale of garden produce 321 4 0 Miscellaneous receipts as per column 6 275 8 0 Total 1,135 4 3		(s) Hospital necessities 1,262 11 10 Do. miscellanies 3,019 13 5 Total 4,282 9 3		(t) Hospital necessities 70 10 7 (u) Hospital necessities and contingencies 226 1 10		(v) Additions and improvements to the asylum. 31,781 1 0 Construction of a platform for ragi grinding 60 2 8 Construction of a coach house 484 4 10 Iron gratings for drain 33 15 6 Provision of water service to the isolation shed and noisy enclosure 788 11 11 Repairs 2,832 7 10 Total 35,989 11 9		(w) Improvements and repairs to 3 male cottages, 6 male single rooms and 4 day latrines 3,709 0 0 (x) Superintendent's office 982 0 6 Four sweepers' huts 855 5 1 Out-houses to Superintendent's quarters 1,101 9 6 Construction of V-shaped drains 182 3 2 Total 2,821 2 3		(y) Value of cumbr bought from Jail Department 98 2 11 (z) Value of stores remaining at the end of the year 1899.	
--	--	--	--	---	--	---	--	--	--	--	--	---	--	---	--

STATEMENT No. IX-A.

Abstract of Cash Account as per G.O., No. 1344, Judicial, dated 12th August 1890, and Statement of Stores as per G.O., No. 2228, Judicial, dated 25th October 1893.

Asylums.	(a)		(b)		(c)		(d)	
	Establishment.		Diet.		Clothing and Bedding.		Medicines.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
Madras	RS. A. P. 31,980 15 6	RS. A. P. 73 12 7	RS. A. P. 30,107 0 7	RS. A. P. 69 7 5	RS. A. P. 3,181 0 4	RS. A. P. 7 3 7	RS. A. P. 576 9 4	RS. A. P. 1 5 3
Vizagapatam	3,298 7 2	46 2 5	1,950 15 8	27 4 9	98 3 1	1 6 0	20 12 9	0 4 8
Calicut	3,993 13 8	51 5 10	3,024 6 0	38 14 5	298 7 0	3 13 5	81 4 4	1 0 9
Asylums.	(e)		(f)		(g)		(h)	
	Contingencies.		Hospital necessities and miscellaneous.		Grand Total.		Value of stores intended for consumption including fire-wood, lamp-oil, &c., and excluding all goods manufactured in the asylum.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	At the beginning of the year.	At the end of the year.
Madras	RS. A. P. 6,126 0 2	RS. A. P. 14 2 2	RS. A. P. 4,282 9 3	RS. A. P. 9 14 1	RS. A. P. 76,204 3 2	RS. A. P. 175 13 1	RS. A. P. 5,169 15 11	RS. A. P. 3,684 11 1
Vizagapatam	91 0 3	1 4 4	70 10 7	0 15 10	5,530 1 6	77 6 0	260 9 8	348 5 11
Calicut	776 8 0	9 15 10	226 1 10	2 14 6	8,400 8 10	108 0 9	129 6 5	285 1 11

- (a) Vide columns 8 and 9 of Statement IX.
- (b) Vide columns 10 and 21 (y) of Statement IX.
- (c) Vide column 11 of Statement IX.
- (d) Vide columns 12 and 21 (excluding y) of Statement IX.
- (e) Vide columns 13, 14, 15 and 20 of Statement IX.
- (f) Vide column 17 of Statement IX.
- (g) Grand Total of columns (a) to (f).
- (h) Vide footnotes (a), (b), (c) and (z) of Statement IX.

STATEMENT No. X.

Showing the sanctioned Establishment of the Lunatic Asylums as it stood on the 31st December 1899.

Establishment.	Madras.		Vizagapatam.		Calicut.		Total.	
	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.
1	2	3	4	5	6	7	8	9
		RS. A. P.		RS. A. P.		RS. A. P.		RS. A. P.
Superintendent	1	* 650 0 0	1	50 0 0	1	50 0 0	3	750 0 0
Assistant Surgeon, (Senior)	1	† 260 0 0	...	...	...	...	1	260 0 0
Civil Apothecary	1	160 0 0	...	...	...	...	1	160 0 0
First-class Hospital Assistant	...	...	1	80 0 0	...	...	1	80 0 0
Second-class do.	...	...	...	...	1	50 0 0	1	50 0 0
Third-class do.	1	50 0 0	...	...	...	...	1	50 0 0
Steward	1	70 0 0	...	...	...	...	1	70 0 0
First Assistant Steward	1	30 0 0	...	...	...	...	1	30 0 0
Second do.	1	25 0 0	...	...	...	...	1	25 0 0
Clerk and Steward	...	...	...	...	1	19 0 0	1	19 0 0
Storekeeper	1	40 0 0	1	20 0 0	1	20 0 0	3	80 0 0
Writer	1	30 0 0	...	...	...	...	1	30 0 0
First-class European Attendants	3	160 0 0	...	...	...	...	3	160 0 0
Second-class do.	3	100 0 0	...	...	...	...	3	100 0 0
Matron	1	80 0 0	...	...	...	...	1	80 0 0
First-grade Nurse	1	60 0 0	...	...	...	...	1	60 0 0
Second-grade do.	1	50 0 0	...	...	...	...	1	50 0 0
Third-grade do.	1	40 0 0	...	...	...	...	1	40 0 0
Native Male Head-keeper	...	...	...	...	1	15 0 0	1	15 0 0
First-class Native Male Attendants	2	24 0 0	1	12 0 0	2	21 0 0	5	57 0 0
Second-class do. do.	6	60 0 0	...	...	4	32 0 0	10	92 0 0
Third-class do. do.	40	320 0 0	7	68 0 0	2	14 0 0	49	397 0 0
Night Watchmen	9	72 0 0	2	14 0 0	2	14 0 0	13	100 0 0
Native Female Head-keeper	...	...	...	...	1	8 0 0	1	8 0 0
First-class Female Attendant	1	8 0 0	1	7 0 0	...	...	2	15 0 0
Second-class Female Attendants	3	18 0 0	1	6 0 0	2	12 0 0	6	36 0 0
Third-class do.	10	50 0 0	...	...	...	...	10	50 0 0
Night Watchwomen	3	18 0 0	...	...	2	12 0 0	5	30 0 0
Weighman	1	10 0 0	...	...	...	...	1	10 0 0
Office Attendant	1	10 0 0	...	...	...	...	1	10 0 0
Carpenter	1	12 0 0	...	...	...	...	1	12 0 0
Blacksmith	1	10 0 0	...	...	...	...	1	10 0 0
Gardener	1	10 0 0	...	...	...	...	1	10 0 0
Tailors	2	22 0 0	...	...	...	...	2	22 0 0
Barber	1	11 0 0	...	...	...	...	1	11 0 0
Cook for European and East Indian patients.	1	12 0 0	...	...	...	...	1	12 0 0
Caste Cook for Natives	1	10 0 0	1	6 0 0	1	7 0 0	3	23 0 0
Assistant Caste Cook for Natives	1	8 0 0	...	...	...	...	1	8 0 0
Caste Cook woman for Natives	1	7 0 0	...	...	...	...	1	7 0 0
Waterwoman	1	3 8 0	...	...	...	...	1	3 8 0
Washerman	...	...	...	...	1	8 0 0	1	8 0 0
Gate-peon	1	8 0 0	...	...	1	6 0 0	2	14 0 0
First-class Toty	1	8 0 0	1	7 0 0	1	7 0 0	3	22 0 0

* Draws an allowance of Rs. 200 besides, as Lecturer on mental diseases and for giving clinical instructions at the Asylum, which is debitable to "Medical College."

† Draws an allowance of Rs. 40 besides, as Assistant to the Lecturer on mental diseases and for giving clinical instructions at the Asylum, which is debitable to "Medical College."

STATEMENT No. X—continued.

Showing the sanctioned Establishment of the Lunatic Asylums as it stood on the 31st December 1899—cont.

Establishment.	Madras.		Vizagapatam.		Calicut.		Total.	
	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.	Number.	Monthly wages.
1	2	3	4	5	6	7	8	9
		RS. A. P.		RS. A. P.		RS. A. P.		RS. A. P.
Second-class Toties	15	90 0 0	1	6 0 0	2	12 0 0	18	108 0 0
Toty women	5	25 0 0	...	...	...	...	5	25 0 0
Male toty for Warders' lines	2	12 0 0	...	...	...	...	2	12 0 0
Female toty do.	2	8 0 0	1	4 0 0	2	8 0 0	5	20 0 0
Remuneration for 2 Native Attendants for washing clothes at Rs. 2 each	...	4 0 0	...	...	...	...	...	4 0 0
Good-conduct pay for 15 toties	...	15 0 0	...	...	...	...	...	15 0 0
Total	132	2,670 8 0	19	275 0 0	28	315 0 0	179	3,260 8 0

STATEMENT No. XI.

Showing Receipts and Expenditure on account of Manufactures in the Lunatic Asylums during the year 1899.

1	2		3	4	5	6	7	8
	Mean population.		Cash paid into treasury for articles sold.	Value of manufactured goods made over to asylum for asylum purposes.	Value of raw materials in store at the end of the year.	Value of manufactured goods in store at the end of the year.	Value of plant and machinery in store at the end of the year.	Total credits.
	Males.	Females.						
Asylums.			RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
...	336-45	96-97	3,433 15 5	2,210 3 10	176 7 2	1,285 8 8	679 8 0	7,785 11 1
...	56-80	14-67	915 15 4	356 15 6	136 11 10	279 1 7	29 8 0	1,718 4 3
...	54-82	22-93	784 1 1	391 8 2	133 5 5	513 12 3	75 0 0	1,897 10 11
	9	10	12	13	14	15	16	18
	Debits.							
	Value of manufactured goods in store on 1st January 1899.	Value of raw materials in store on 1st January 1899.	Value of plant and machinery in store on 1st January 1899.	Raw materials Contingencies of purchased. manufacture.	Other charges.	Total debits.	Excess of credits or profits.	Excess of debits or loss.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras	1,412 15 10	321 14 3	1,171 2 5	138 9 1		3,416 12 7	4,368 14 6	
Vizagapatam	263 15 11	126 1 11	283 7 0	4 15 6		708 0 4	1,010 3 11	
Calicut	609 12 10	29 9 7	567 13 7			1,207 4 0	690 6 11	

The average number of inmates employed on manufacture during 1899 in the Madras Asylum was of Males 31.76 and Females 10.57. Total 42.33.
 The average number of inmates employed on manufacture during 1899 in the Vizagapatam Asylum was of Males 28.00 and Females 2.33. Total 30.33.
 The average number of inmates employed on manufacture during 1899 in the Calicut Asylum was of Males 19.18 and Females 7.29. Total 26.47.

No. 481, PUBLIC, 23RD MAY 1900.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—the following paper:—

From the Surgeon-General, dated 17th April 1900, No. 233-A.

ABSTRACT.—Forwarding annual report on the Lunatic Asylums in the Madras Presidency for 1899.

ORDER—No. 481, Public, dated 23rd May 1900.

The report on the working of the Lunatic Asylums in the Presidency for the year 1899 was due with the Government on the 15th April 1900, but was received only on the 21st idem.

2. *Population and Accommodation.*—The following table compares the statistics of the population of the asylums for the last two years:—

Year.	Population at beginning of year.			Admissions.			Discharge.			Died.			Remaining at end of year.		
	Males.	Females.	Total.	Males.	Females.	Total.	Cured or improved.	Otherwise.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1898	447	133	580	105	29	134	75	16	91	31	15	46	442	185	577
1899	442	135	577	111	40	151	101	14	115	38	23	59	423	131	554

Of the 577 patients on the rolls at the beginning of the year, 442 were civil and 135 criminal insanes. The 151 admissions included 118 of the former and 33 of the latter class.

3. The number of lunatics discharged as cured or improved was more by 26 than in 1898. The statement of the previous occupation of the patients exhibits a much greater variety of professions than in the previous year. One-fifth of the total admissions were drawn from the cultivator and cooly classes, and nearly a similar proportion were of unknown occupation.

4. Mania was again the prevailing type of insanity, and epileptic forms of mania, melancholia and dementia continued to show an increase. The additional information in connection with statement No. VI required by the Director-General of Statistics, and called for in endorsement No. 1075, Public, dated 20th April 1900, will be awaited. The proportion of cases in which specific causes of insanity were assigned was 65 per cent. against 71 per cent. in 1898. The increase in the number of cases returned as of unknown origin is attributed by the Surgeon-General to the greater caution exercised in determining causes of admission.

5. The accommodation in all three asylums was sufficient. The Surgeon-General's remarks in paragraph 2 (4) regarding the hospital assistant's quarters in the Vizagapatam Asylum will be communicated to the Public Works Department.

6. *Miscellaneous.*—The statistics of weighments show a general increase of weight among the patients treated. Of those admitted during the year, 87 per cent. at Vizagapatam and 90 per cent. at Calicut gained in weight, while the proportion at Madras was 59 per cent. The steady improvement in this respect exhibited in the Calicut Asylum during the last three years is satisfactory.

7. The Government notes with pleasure the interest in the inmates of the asylums evinced by Sri Maharaja G. N. Gajapati Rao, C.I.E., and the Raja of Kurupam at Vizagapatam, and by the late Zamorin of Calicut, M.R.Ry. C. M. Rarichen Muppen Avargal and M.R.Ry. G. Subba Rao Avargal at Calicut.

8. *Health*.—The following table compares the health of the inmates of the three asylums for the last three years :—

Year.	Daily average strength.	Daily average sick.	Deaths.	Percentage of deaths to daily average strength.
Madras—				
1897	421.26	48.07	37	8.78
1898	425.53	56.30	32	7.52
1899	433.42	61.70	51	11.77
Vizagapatam—				
1897	71.61	3.11	1	1.40
1898	72.51	3.83	6	8.27
1899	71.47	5.43	2	2.80
Calicut—				
1897	94.01	26.36	21	22.34
1898	82.28	15.12	8	9.72
1899	77.75	14.21	6	7.72
Total .. { 1897 ..	586.88	77.54	59	10.06
1898 ..	580.32	75.25	46	7.93
1899 ..	582.64	81.34	59	10.13

9. All three asylums were free from epidemics during the year. The increase over the previous year in the number of deaths in the Madras Asylum is explained in paragraph 5 (3) of the report.

10. *Finance including Manufactures*.—The following table compares the total cost of, and the cost per head of average strength in, each of the three asylums in the years 1898 and 1899 :—

Year.	Madras.		Vizagapatam.		Calicut.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
	RS.	RS. A. P.	RS.	RS. A. P.	RS.	RS. A. P.
1898	70,207	164 15 10	6,020	83 0 5	10,275	124 14 1
1899	76,204	175 13 1	5,530	77 6 0	8,400	108 0 9

The increase at Madras occurred under “Diet”, “Clothing and Bedding”, “Contingencies” and “Hospital necessities and Miscellaneous”, and is explained in paragraph 8 of the report. There was a satisfactory decrease in the charges of the Vizagapatam and Calicut Asylums. The total profits from manufactures were somewhat less than in the previous year, though the profit *per head* of patients employed in remunerative labour in the Madras Asylum shows a marked increase.

The result of the Surgeon-General's enquiries as to the reason why so small a proportion of patients in that asylum is employed on remunerative labour should be reported to Government.

11. The report shows that the general administration of the asylums has been good. The improvement in all directions exhibited by the Calicut Asylum is specially satisfactory.

(True Extract.)

G. STOKES,
Chief Secretary.