

38955

ANNUAL REPORT
ON THE
LUNATIC ASYLUMS
IN THE
MADRAS PRESIDENCY
FOR THE YEAR
1898



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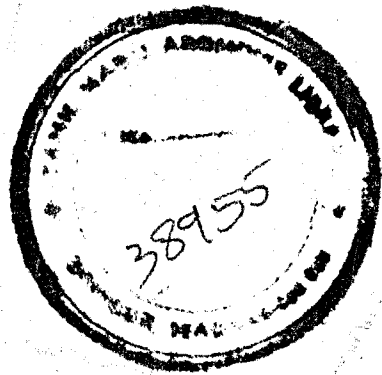
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MADRAS:

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1899.



செப்பனிருவர் பெயர்.
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 செப்பனிரு. எ. உதயசுந்தரன்
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OFFICE OF SURGEON-GENERAL
 WITH THE GOVERNMENT OF MADRAS,
 OOTACAMUND, 15th April 1899.

No. T-8/112.

From

SURGEON-GENERAL C. SIBTHORPE, C.B., F.R.C.P.I.,
 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 1898.

I.—POPULATION AND ACCOMMODATION.

(a) 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:—

Military and Civil Lunatics.

Particulars.		Males.												Total.
		Europeans.				East Indians.				Natives.				
		Tranquil and industrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	Tranquil and industrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	Tranquil and industrious.	Quiet and idle.	Violent, noisy and destructive.	Dirty habits.	
MADRAS.														
Remained on 1st January 1898	...	4	8	2	...	14	20	3	...	76	62	9	...	198
Admitted during 1898	...	...	5	...	...	...	4	2	...	15	15	27	...	68
Total treated	...	4	13	2	...	14	24	5	...	91	77	36	...	266
Died, discharged, &c.	...	1	6	...	...	...	1	...	...	15	16	14	...	53
Remaining on 31st December 1898	...	3	7	2	...	14	23	5	...	76	61	22	...	213
		Females.												
MADRAS—cont.														
Remained on 1st January 1898	...	3	4	...	...	7	20	4	...	10	25	10	...	83
Admitted during 1898	...	...	3	...	...	2	1	5	...	4	1	6	...	22
Total treated	...	3	7	...	...	9	21	9	...	14	26	16	...	105
Died, discharged, &c.	...	...	1	...	...	...	2	1	...	...	9	5	...	18
Remaining on 31st December 1898	...	3	6	...	...	9	19	8	...	14	17	11	...	87

Military and Civil Lunatics—cont.

Criminal Lunatics.

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 1898	...	...	...	...	...	...	...	...	4	11	39	3	57	
Admitted during 1898	...	...	...	...	...	...	...	...	13	8	13	...	* 34	
Total treated	...	...	...	...	...	...	...	...	17	19	52	3	91	
Died, discharged, &c.	...	...	...	...	...	...	...	...	11	9	16	1	* 37	
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	6	10	36	2	54	
Females.														
VIZAGAPATAM—cont.														
Remained on 1st January 1898	...	...	...	...	...	...	...	...	...	1	13	1	15	
Admitted during 1898	...	...	...	...	...	...	...	...	3	1	1	1	6	
Total treated	...	...	...	...	...	...	...	...	3	2	14	2	21	
Died, discharged, &c.	...	...	...	...	...	...	...	...	1	1	4	1	7	
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	2	1	10	1	14	
Males.														
CALICUT.														
Remained on 1st January 1898	...	...	...	...	...	...	...	...	24	24	6	9	63	
Admitted during 1898	...	...	...	...	...	...	...	...	4	1	2	2	9	
Total treated	...	...	...	...	...	...	...	...	28	25	8	11	72	
Died, discharged, &c.	...	...	...	...	...	...	...	...	7	3	5	3	18	
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	21	22	3	8	54	
Females.														
CALICUT—cont.														
Remained on 1st January 1898	...	...	...	...	...	...	...	...	7	9	2	2	20	
Admitted during 1898	...	...	...	...	...	...	...	...	...	...	2	1	3	
Total treated	...	...	...	...	...	...	...	...	7	9	4	3	23	
Died, discharged, &c.	...	...	...	...	...	...	...	...	...	1	2	...	3	
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	7	8	2	3	20	
Males.														
MADRAS.														
Remained on 1st January 1898	...	...	...	...	1	...	...	...	85	28	15	...	129	
Admitted during 1898	...	...	...	...	...	...	...	...	10	3	6	...	19	
Total treated	...	...	...	...	1	...	...	...	95	31	21	...	148	
Died, discharged, &c.	...	...	...	...	...	...	...	...	15	6	6	...	27	
Remaining on 31st December 1898	...	...	...	...	1	...	...	...	80	25	15	...	121	
Grand Total remaining on 31st December 1898	3	7	2	...	15	23	5	...	183	118	76	10	442	
Females.														
MADRAS—cont.														
Remained on 1st January 1898	...	...	...	...	...	...	...	...	5	7	3	...	15	
Admitted during 1898	...	...	...	...	...	...	...	...	2	...	...	...	2	
Total treated	...	...	...	...	...	...	...	...	7	7	3	...	17	
Died, discharged, &c.	...	...	...	...	...	...	...	...	2	1	...	...	3	
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	5	6	3	...	14	
Grand Total remaining on 31st December 1898	3	6	...	...	9	19	8	...	28	32	26	4	135	

* Includes transfers from one to another class of 25 males and 4 females.

(1) *Military and Civil Lunatics.*—From the above it will be seen that of Military and Civil Lunatics there remained on the 1st January 318 males and 118 females; admissions during the year numbered 86 and 26, respectively, and 1 female was re-admitted; 29 males and 7 females were discharged cured; 11 males and 1 female left the asylums much improved; 1 male from the Madras Asylum was taken over by his relations without any improvement in his condition. Of 'discharged otherwise,' there were 13 males and 2 females; of this last group, 4 Military lunatics were transferred to England. 29 males and 14 females died during the year. At the end of the year there remained under treatment 321 males and 121 females. The average daily strength of the sexes was 323.49 and 118.38, the ratio *per cent.* being 73.21 males and 26.79 females, as compared with 72.05 males and 27.95 females the average ratio for the preceding ten years.

(2) *Criminal Lunatics.*—The above details in relation to Criminal Lunatics may be gathered from Statement II. It is only necessary to remark here that of the admissions, 4 had been tried and acquitted, 12 were under-trial prisoners incapable of a making a defence, and 3 were cases that became insane during confinement in jail.

(3) *General.*—(a) The religions of new admissions are given in Statement III. The Madras Presidency furnished 16 European and East Indian and 10 Native Christians, 67 Hindus, 15 Muhammadans, and 11 of 'other castes.'

(b) In Statement IV are detailed the previous occupations of insanes admitted during the year. In 24 cases the occupation was not known, and 18 others were reported to have no occupation. Of the remainder—92 in number—there were unskilled labourers 15, cultivators 13, and sepoy 11.

(c) In Statement V is tabulated the ages of new admissions. 96 were admitted between the ages of 20 and 40 years, and 28 between 40 and 60 years, forming, respectively, 71.64 and 20.90 per cent. of the total. The corresponding ratios for the preceding ten years are 70.40 and 22.62.

(d) The distribution of the lunatics, according to types of insanity (*vide* Statement VI), gives the following particulars:—

	Remained.	Admitted.	Total.	Died, discharged, etc.	Remain- ing.
1. Idiocy	31	2	33	4	29
2. Mania	383	113	496	106	390
3. Melancholia	34	9	43	13	30
4. Dementia	116	9	125	10	115
5. Other types	16	1	17	4	13
Total	580	134	714	137	577
'Epileptic forms' in types } No. 2, 3 and 4.	31	13	44	4	40
Ratio per cent. for 1898	...	9.70	6.16	2.32	...
Do for preceding ten years.	...	8.91	4.95	3.72	...

The lower set of figures is interesting as showing the steady increase in the epileptic population of the asylums.

(e) In Statement VII the causes of admission are tabulated as far as can be ascertained. Cases of insanity attributable to intoxicants do not occur so frequently

as before, probably due to the more careful observation of the facts on the subject brought to the notice of the Superintendents.

	Number admitted.		Ratio per cent. of total.	
	1898.	Average of preceding ten years.	1898.	Preceding ten years.
Ganja smoking	7	17.9	5.22	9.25
Other intoxicants	3	11.9	2.24	6.15
Fever	3	2.7	2.24	1.39
Other physical causes	62	74.5	46.27	38.48
Moral causes	19	45.8	14.18	23.66
Unknown	40	40.8	29.85	21.07
Total ...	134	193.6	100	100

Moral causes also have declined in frequency; but a larger proportion of cases are set down as of 'unknown' origin—a fact due to the want of observation in cases when they first occur.

6. The escapes during the year numbered 3 from the Madras Asylum, 1 from Vizagapatam, and 4 from Calicut. Two of the Madras insanes, the Vizagapatam one and two of the Calicut inmates were captured during the year 1898, and another Calicut male was brought back after the beginning of the current year. The warders concerned were severely punished, and the police have been informed of the parties still at large.

(b) Accommodation—

(1) *Sufficiency.*—The available accommodation and the extent to which it is utilized is as follows:—

	Accommodation.		Maximum number of inmates on any one day.
	General.	Sick.	
Madras	643	46	437
Vizagapatam	78	13	75
Calicut	123	12	87

(2) *New constructions.*—(a) Of completed works there are in Madras a new room added to the office block; the hospital assistant's quarters and the nurses' day-room in the female hospital enclosure. In Vizagapatam a cook-room on the standard plan for jails was completed by the Public Works Department, but had not been handed over at the end of the year.

(b) The following works are in progress:—In Madras, a new block in the criminal enclosure; a ward for European males in the hospital enclosure; the extension of the general kitchen, and the isolation section. In Calicut, the office building is in course of construction.

(3) *Repairs executed.*—The usual annual repairs such as lime-washing, tarring, shifting and replacing tiles, &c., were carried out in all three asylums. In Vizagapatam the repairs to the main female ward were completed. In Calicut wooden screens were fitted to all the the cells; and 4 open cooking-sheds (not in use) were converted into female bath-room, lamp-room, gardener's store-room, and fowl-house.

(4) *State of repair.*—The Madras Asylum buildings are in good condition. In Vizagapatam repairs were estimated for, but had not been taken in hand at the close of the year. In Calicut the buildings have repeatedly been declared to be in unsatisfactory condition, and Government in Proceedings R. No. 51, dated 9th January 1899, called for an estimate for the repairs required. The Public Works Department was addressed on the subject.

(5) *Hospital accommodation.*—The hospital accommodation in the Madras Asylum is being improved under G.O., No. 3467 W., dated 4th December 1896. The male hospital enclosure has had the south and east compound walls lowered to 9 feet, and has been extended by the demolition of the wall which separated it from the noisy enclosure. A ward to accommodate 12 European males is also being added, and will soon be finished. In Vizagapatam and Calicut female patients are treated in the ordinary single rooms as occasion requires; but separate accommodation exists for 13 and 12 male patients, respectively.

(c) Sanitation—

(1) *Conservancy.*—In Madras the conservancy arrangements have been somewhat modified. Kerosine-oil tins fitted with handles have been found cheap, convenient and efficient substitutes for the old filth buckets. Some portable pumps have been introduced to supplant the old and tedious practice of baling out the sewage cisterns. The sweepers still prefer employment anywhere rather than at the asylum, and especially try to get on in Municipal service where husband and wife are almost always jointly employed. The huts for sweepers, sanctioned in G.O., No. 1701, Judicial, dated 28th October 1896, had not been begun in 1898.

In Vizagapatam the 'dry-earth' system is carried out, the night-soil being converted into poudrette in the dry season and buried in trenches in the rains.

In Calicut dry-earth is used in the detached latrines, and the flushing system is adopted for the night latrines attached to the cells; the night-soil is utilized as at Vizagapatam.

(2) *General hygiene of the insanes.*—Particular attention has, as usual, been paid to the bathing, clothing, exercise, and food of the insanes. The Superintendent of the Madras Asylum recommends for consideration—(a) the artificial heating of certain rooms for such cases as need special protection from cold and exposure, and (b) the adoption of means to distribute food warm, from the kitchen to the various sections. The former item is held in abeyance for want of a well-defined scheme to put before Government; and the latter will be made the subject of special representation after the new kitchen (sanctioned in G.O., No. 923, Public, dated 16th July 1898) is completed and in working order.

(3) *Drainage.*—In Madras the plan and estimates for improving the drainage have been sanctioned in G.O., No. 1485, Public, dated 8th December 1898. In Vizagapatam the drainage is natural and satisfactory. In Calicut the work sanctioned in G.O., No. 1311, Public, dated 2nd October 1897, has not as yet been begun. In Madras and Calicut therefore the drainage is bad.

(4) *Water-supply.*—The Madras Asylum has an ample supply of Red Hills water, and also six wells, the water from which is used for agricultural purposes. In Vizagapatam for the first half of the year the water was carted and carried by the insanes from temporary wells in the bed of a tank outside the premises; subsequently the asylum well furnished all requirements. At Calicut also the supply from January to June was obtained from a tank outside the asylum; and for the rest of the year the wells in the compound yielded an abundant supply.

(d) Miscellaneous—

(1) *Food and weightings.*—Ragi was, as heretofore, the staple grain in use in the Madras Asylum; but the Superintendent reports that to improve the general health of some insanes and to induce certain others to work rice diets were more frequently ordered during 1898 than in previous years.

In the Vizagapatam Asylum cumboo and cholam are the grains in use; and the Superintendent considers them to be satisfactory. Rice is the staple food-grain in Calicut.

The following table compares the weighments in the three asylums:—

Asylums.	Of those treated during the year 1898.							Of those admitted during the year.			
	Aggregate weight on 1st January 1898.	Aggregate weight on discharge, death, or on 31st Dec. 1898.	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. 1898.	Number and ratio per cent. of those who gained weight.	
Madras	41,366	41,468	219* 51.77 %	170 40.19 %	34 8.04 %	33	15	11,278	8,743	47 + 55.30 %	
Vizagapatam	6,194	6,334	30 48.39 %	25 40.32 %	7 11.29 %	31	17	500	552	5 83.33 %	
Calicut... ..	9,143	9,417	63 68.32 %	25 26.31 %	7 7.37 %	26	37	1,123	1,179	9 75 %	

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	35 41.17 %	3 3.53 %	30	12	6,343	6,641	39 56.52 %	24 34.78 %	6 8.70 %	37	32
Vizagapatam	1 16.67 %	...	18	4	782	909	8 100 %	...	...	34	...
Calicut	3 25 %	...	26	13	1,170	1,293	9 69.23 %	4 30.77 %	...	35	11

* Less by 12.

† Less by 26.

(2) *Clothing.*—In the Madras Asylum cotton clothing was supplied to all insanes; and for the sick and weakly patients flannel banians and woollen jerseys were added. For destructive maniacs special garments of canvas drill and gunny not removable by the wearers were introduced, and proved useful not only in restraining the patients so dressed but also in some cases restoring the sense of decency and the desire for clothes; and lastly gunny-bag mattresses filled with straw have been advantageously employed as beds for old and feeble cases.

In the asylums at Vizagapatam and Calicut each patient is supplied with two suits of cotton clothing, cumby jackets being added for the sick and aged.

(3) *Industries and employments.*—Agricultural work and weaving are the chief industries in the Madras Asylum, and engaged the majority of the native patients of both sexes. A few found work in mat-making. The general conservancy of the premises occupied some native males, and others were selected to help the asylum tradesmen and to assist in the kitchen and laundry. The starting of a sewing class gave employment to some of the European and Eurasian females. A scheme to provide employment for European and Eurasian males—such as cane-work, netting, fret-work, &c.—is under contemplation, and will be submitted separately.

Gardening and weaving are the chief employments in the Vizagapatam Asylum, and these are supplemented by the preparation of grain-flour for asylum use and also light tin-work.

In the Calicut Asylum also gardening and weaving formed the more important occupations, while coir yarn-twisting and mat-making engaged some insanes, and others were employed in cleaning the premises.

In both Vizagapatam and Calicut the conveying of water for asylum purposes from sources outside the premises was, as already mentioned, a temporary employment.

(4) *Amusements.*—In the Madras Asylum these comprised—

- a monthly treat at which the Madras Volunteer Guards band plays, with permission of the Officer Commanding; light refreshments are provided;
- occasional magic-lantern exhibitions with songs and dances;
- a special treat at Christmas with sports, &c.;
- out-door games including quoits, foot-ball and bowls; in-door games of draughts, cards, &c., for the Europeans and other games for the natives.

The bullock-coach formerly used by the St. Mary's Church Choristers was (by G.O., No. 847, Public, dated 4th July 1898) made over to the Superintendent, Lunatic Asylum, Madras. A pair of bullocks had been arranged for, but had not arrived by the end of the year.

At Vizagapatam the annual treat to the insanes was again given by Sri Maharaja G. N. Gajapati Rao, C.I.E., presents of fruit for the inmates were sent by the Raja of Kurapam. Singing and native music, chess and cards formed daily amusements. On one occasion an acrobatic performance was given free by some travelling performers; and on another some selected inmates were sent out to witness a native drama.

In the Calicut Asylum the inmates were daily permitted to play at native games (chess, kolatam, &c.) from 10 to 12 A.M., the rearing of domestic pets (birds, squirrels, a cat and a monkey) was permitted to those whose bent in that direction could safely be indulged; and some of the well-behaved were taken out for local sight-seeing. Dramatic and acrobatic performances were given at nominal charges by local troupes; and on some occasions certain inmates were allowed to get up performances themselves. Mr. M. Assau Koya Hajee supplied a bag of rice for the inmates; food and refreshments were furnished by Mr. M. Gopala Menon, Dr. Appu Menon, Mrs. K. Chirutha Ammal and others; and treats were given on Onam, Vishu and Christmas holidays.

II.—STATISTICS OF HEALTH AND TREATMENT OF THE SICK.

(1) *Sickness and its causes.*—In the Madras Asylum admissions into hospital numbered 387. Excluding 141 cases of mania and epilepsy, 13 cases of old age and 16 cases of surfeit, which were sent to the hospital as needing special care, the remainder were largely due to chicken-pox, tubercle, itch, bronchitis and catarrhal inflammation of the intestines. The daily average of sick was 56.30 against 48.07 in 1897.

In the Vizagapatam Asylum there were 47 admissions, 18 of whom were cases of simple continued fever. The average daily sick was 3.83 against 3.11 in the previous year.

In the Calicut Asylum there were 81 admissions and a daily average sick of 15.12 as compared with 15.9 and 26.36, respectively, in the preceding year. Catarrhal inflammation of the stomach and intestines contributed the largest number of admissions.

(2) *Forcible feeding and methods in use.*—In the Madras Asylum 20 cases were fed by the naso-pharyngeal tube. In Vizagapatam 6 patients were fed by hand; none required feeding by tube. In Calicut 9 patients were fed by hand and 1 by naso-pharyngeal tube.

(3) *Mortality and its causes.*—In Madras Asylum 28 deaths in and 4 out of hospital occurred during the year as against 37 in the previous year. The cases were mainly due to tubercle 6, dysentery 3 and mania 3. The four deaths out of hospital were due to mania with syncope 2, cerebral apoplexy with coma 1, and epilepsy with asphyxia 1.

In Vizagapatam the death-rate rose to 6 as compared with 1 in 1897. Two were cases of chronic mania, 2 others were paralytic, 1 was an epileptic and died from exhaustion, and the last died from hypertrophic cirrhosis of the liver.

In Calicut there occurred 8 deaths as compared with 21 in the preceding year. Three were cases of advanced old age and 2 were pronounced cases of tubercle.

(4) *Epidemics and how they were dealt with.*—In the Madras Asylum there occurred an epidemic of chicken-pox. Government in G.O., No. 1307, Public, dated 28th October 1898, sanctioned a quarantine block of four cells and a latrine for use by the infected patients. Thirty-two cases in all were treated.

The other asylums were free from epidemics.

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

(5) *Injuries received in the asylum.*—In the Madras Asylum one slight case of self-inflicted hurt occurred and ended in recovery. In Vizagapatam an insane suffered an accidental slight scald in the kitchen. In Calicut there were no injuries.

(6) *Hospital diet and extras.*—The hospital diets are those laid down in G.O., No. 1, Public, dated 1st January 1889. The scale was found both ample and well-suited to the requirements of the sick. In the Madras Asylum the total cost came to Rs. 6,307-15-3,* and the average cost of a hospital diet with extras was annas 5-8½. In Vizagapatam hospital diet cost Rs. 36-7-5 and the extras cost Rs. 4-0-8. The average cost of the hospital diet with extras amounted to annas 2-7.

In Calicut Asylum the cost of hospital diet and extras amounted to Rs. 1,656-11-5. The average cost of a hospital diet with extras was annas 4-9½.

7. *Nursing of the sick.*—In the Madras Asylum there are a matron and three nurses. The duties of the matron and head nurse are entirely confined to the female section; the other nurses were employed alternately as *day* and *night nurse* in the male hospital. In Vizagapatam and Calicut Asylums no separate nursing establishments are maintained. In all three asylums a certain number of the ordinary attendants were employed as hospital attendants. In my opinion the members of the hospital staff should be male and female ward attendants trained in the General Hospital for at least a year, and then transferred to the Madras Lunatic Asylum for a course of special training in sick nursing for the insane; they ought also to be a little better paid than the ordinary male and female attendants. I have directed the Superintendent of the Lunatic Asylum, Madras, to draw up a scheme for their training to be submitted to Government.

III.—FINANCE INCLUDING MANUFACTURES.

I. *General.*—The subjoined statement shows the income for the year under the different sources:—

Sources.	1897.	1898.	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 ...	4,243 2 4	3,563 8 3	...	679 10 1
2. From treasury ...	82,024 15 5	86,616 1 1	4,591 1 8	...
3. From paying patients ...	11,499 4 5	11,347 7 2	...	151 13 3
4. Value of stores received from the manufacturing department less cost of raw materials ...	5,598 3 6	8,284 4 1	2,686 0 7	...
5. Book adjustments ...	3,234 5 8	22,429 12 0	19,195 6 4	...
6. From miscellaneous receipts ...	359 5 1	293 0 1	...	60 5 0
Total ...	1,06,959 4 5	1,32,531 0 8	25,574 12 3	...

* This includes value of raw materials and manufactured goods on hand at the end of the previous year at Madras and Calicut.

(i) *Value of stock remaining on the last day of the preceding year.*—The decrease in this item is due to the continued policy of not storing large quantities of food supplies.

(ii) *Receipts from Treasury.*—The increase under this head was partly due to increased expenditure on establishment in the Madras Asylum owing to arrangements made during the absence of Captain C. H. Lect-Palk, I.M.S., on leave; and partly to extra dieting charges incurred in the same asylum—*vide I (d) (1)*.

(iii) *Receipts from paying patients.*—This item decreased owing to the discharge of three paying patients in Vizagapatam Asylum.

(iv) *Value of stores received from the manufacturing department less cost of raw materials.*—The subjoined statement exhibits the details under this head:—

Details.	1897.	1898.	Increase.	Decrease.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Sold to the public—				
(a) Clothing ...	3,034 11 3	2,259 13 1	...	774 14 2
(b) Garden-produce ...	2,424 10 10	4,559 3 4	2,134 8 6	...
Made over to the asylums—				
(c) Clothing ...	1,636 2 5	2,157 14 2	521 11 9	...
(d) Garden-produce ...	315 4 9	379 0 11	63 12 2	...
Total ...	7,410 13 3	9,355 15 6	1,945 2 3	...
(e) Deduct cost of raw materials ...	2,015 10 0	1,884 8 6	...	131 1 6
Net ...	5,395 3 3	7,471 7 0	2,076 3 9	...

(a) The sale of manufactured goods was less than in the previous year owing to the return to original sale prices as contrasted with the reduced rates of 1897.

(b) The increase under this item was almost wholly due to the laudable efforts made at the Madras Asylum for the extended sale of lucerne; it would have been greater but for the fact that new lucerne seed had to be purchased after the heavy monsoon rains.

(c) The value of clothing supplied to the asylums was increased owing to the severe monsoon and the necessary protective measures.

(d) In Madras the asylum kitchen was supplied with vegetables for almost the whole year. In Vizagapatam a large crop of cumboo was grown in the asylum compound for use of the inmates. In Calicut gardening realised less than in 1897 owing to certain outstandings at the end of the year.

(e) This has fallen owing to less demand for and sale of manufactured goods.

(v) *Book adjustments.*—The increase under this item is due to the outlay by the Public Works Department on new constructions at the Madras Asylum.

(vi) *Miscellaneous receipts.*—The details of this item are shown in the subjoined statement:—

Year.	Madras.				Vizagapatam.				Calicut.			
	Sale-pro-ceeds of refuse of food, &c.	Sale-pro-ceeds of refuse of condemned stores.	Fines on contract-or.	Total.	Sale-pro-ceeds of refuse of food, &c.	Sale-pro-ceeds of refuse of condemned stores.	Total.	Sale-pro-ceeds of refuse of food, &c.	Total.	Grand total.		
1897 ...	41 9 6	163 2 7	113 5 0	257 7 3	40 13 11	5 1 4	45 0 3	49 13 7	40 13 7	339 3 1		
1898 ...	38 13 0	17 5 9	53 0 0	114 3 6	72 11 3	...	72 11 3	106 0 11	106 0 11	236 0 1		
Increase ...	...	...	...	...	25 12 9	...	20 11 5	56 3 4	56 3 4	...		
Decrease ...	2 2 11	85 12 10	55 4 0	143 3 9	...	5 1 4	...	...	...	63 5 0		

The accompanying statement shows the expenditure incurred on account of the upkeep of the asylums excluding the cost of new works:—

Particulars.	1897.	1898.	Increase.	Decrease.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1. Establishment ...	38,174 12 11	39,169 13 2	995 0 3	...
2. Diet ...	32,829 8 7	35,182 5 0	2,352 12 5	...
3. Clothing and bedding ...	2,085 15 11	2,507 6 8	511 6 9	...
4. Medicines ...	961 14 2	1,322 10 5	360 12 3	...
5. Contingencies ...	6,187 2 4	5,768 13 4	...	418 5 0
6. Hospital necessaries ...	3,976 12 1	2,461 8 2	...	915 3 11
Total ...	83,616 2 0	86,502 8 9	2,886 6 9	...
Deduct value of stock remaining at the end of the year ...	2,832 1 4	5,560 0 0	2,677 14 8	...
Net total expenditure ...	80,784 9 8	80,942 8 9	208 8 1	...

The annexed table shows the total cost under different items and the cost per head of the average strength in each of the three asylums as compared with 1897 :—

Asylums.	Establishment.				Diet.			
	Actuals.		Cost per head.		Actuals.		Cost per head.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
	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 ...	30,831 2 6	32,130 12 6	73 3 0	75 8 1	25,888 11 2	28,560 0 3	61 7 3	67 1 10
Vizagapatam ...	3,295 2 9	3,321 4 10	46 0 3	45 12 11	2,330 2 10	2,329 2 3	32 8 8	32 1 11
Calicut ...	4,048 7 8	3,717 11 10	43 1 0	45 2 11	4,610 10 7	4,293 2 6	49 0 9	52 2 10
Total ...	38,174 12 11	39,169 13 2	65 0 10	67 7 11	32,828 8 7	35,182 5 0	55 15 0	60 10 0

Asylums.	Clothing and bedding.				Medicines.			
	Actuals.		Cost per head.		Actuals.		Cost per head.	
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.
	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 ...	1,640 4 5	2,201 0 1	3 14 4	5 2 9	478 13 7	708 11 0	1 2 2	1 10 8
Vizagapatam ...	90 14 6	107 9 10	1 4 4	1 7 9	44 12 0	81 1 1	0 10 0	1 1 11
Calicut ...	354 13 0	288 12 9	3 12 5	3 8 2	438 4 7	532 14 4	4 10 7	6 7 7
Total ...	2,085 15 11	2,597 6 8	3 8 10	4 7 7	961 14 2	1,322 10 5	1 10 3	2 4 6

Asylums.	Contingencies.				Hospital necessities and miscellanies.	
	Actuals.		Cost per head.		Actuals.	
	1897.	1898.	1897.	1898.	1897.	1898.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras ...	5,183 10 11	4,712 11 2	12 4 11	11 1 2	2,631 10 9	1,893 14 7
Vizagapatam ...	74 4 0	108 2 4	1 0 7	1 7 10	81 12 3	72 15 8
Calicut ...	929 3 5	947 15 10	9 14 2	11 8 4	463 5 1	494 9 11
Total ...	6,187 2 4	5,768 13 4	10 8 8	9 15 1	3,376 12 1	2,461 8 2

Asylums.	Hospital necessities and miscellanies—cont.		Grand Total.			
	Cost per head.		Actuals.		Cost per head.	
	1897.	1898.	1897.	1898.	1897.	1898.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras ...	6 11 7	4 7 3	66,854 5 4	70,237 1 7	158 11 3	164 15 10
Vizagapatam ...	1 2 3	1 0 1	5,917 0 4	6,920 4 0	82 10 1	89 0 5
Calicut ...	4 14 10	0 0 2	10,844 12 4	10,275 3 2	115 5 9	124 14 1
Total ...	5 12 1	4 3 10	83,616 2 0	86,502 8 9	142 7 8	149 1 0

(i) *Establishment.*—In Madras the increase was due to (1) the appointment of a Senior Assistant Surgeon as Deputy Superintendent, (2) the sanction of ration allowance to nurses, and (3) of good-conduct pay to toties. In Calicut the decrease was due to a Second-class Hospital Assistant being employed throughout the year.

(ii) *Diet.*—The increase under this item was due in Madras to the fact that a considerable amount has been purchased at cheap rates and stored.

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 4 8½	0 2 2	0 7 9	0 3 8
Vizagapatam ...	0 1 5	0 1 5	0 2 7	0 2 7
Calicut ...	0 1 8½	0 1 8½	0 4 9½	0 4 9½

(iii) *Clothing and bedding.*—The increase under this item in Madras was due to a large number of blankets and cumblies having been condemned in the early part of the year.

(iv) *Medicines.*—In Madras and Calicut asylums, the increase arose from payment of bills for medical stores supplied at the end of 1897. In Vizagapatam the medical indent included some fresh appliances and fittings.

(v) *Contingencies.*—In Vizagapatam a first payment of tax was paid to the Municipality for the asylum cart and bullocks. In Calicut the increase represents the additional expenditure on weaving materials. A slight decrease occurred in Madras and indicates the greater attention paid to economy in details.

(vi) *Hospital necessities and miscellanies.*—Reductions occurred in Madras and Vizagapatam. In Calicut the increase was due to payment for medicines supplied in the previous year.

II. *Paying Patients.*—Seventy-eight paying patients were treated during the year, and the collections realised Rs. 11,347-7-2; the figures for 1897 were 81 patients and Rs. 11,499-4-5 collected.

III. *Manufactures.*—Statement XI in the appendix gives details of the manufacturing operations during the year.

The following statement shows the outturn of the results as compared with that of the previous year :—

Particulars.	1897.	1898.	Increase.	Decrease.
CREDITS.				
1. Cash paid into the treasury for articles sold ...	5,500 6 9	6,857 14 2	1,357 7 5	.....
2. Value of manufactured goods made over to the asylum for asylum purposes ...	1,951 7 2	2,536 15 1	585 7 11	.....
3. Value of raw materials in store at the end of the year ...	671 11 10	477 9 9	.....	194 2 1
4. Value of manufactured goods in store at the end of the year ...	2,500 0 4	2,286 12 7	.....	213 3 9
5. Value of plant and machinery in store at the end of the year ...	434 11 0	401 11 0	.....	33 0 0
Total credits ...	11,058 5 1	12,560 14 7	1,502 9 6	.....
DEBITS.				
1. Value of manufactured goods in store at the beginning of the year ...	3,855 2 8	2,500 0 4	.....	1,355 2 4
2. Value of raw materials in store at the beginning of the year ...	515 14 7	671 11 10	155 13 3	.....
3. Value of plant and machinery in store at the beginning of the year ...	480 12 0	434 11 0	.....	46 1 0
4. Value of raw materials purchased ...	2,207 7 11	1,881 6 6	.....	323 1 5
5. Contingencies on manufactures ...	55 8 3	114 2 2	58 9 11	.....
6. Other charges ...	.....	.....	.....	.....
Total debits ...	7,114 13 5	5,601 15 10	.....	1,512 13 7
Excess of credits or profits ...	3,943 7 8	6,958 14 9	3,015 7 1	.....

The following table contrasts the profit per head of the average number employed on manufactures as compared with the two previous years :—

Asylums.	Daily average population.			Daily average fit for work.			Daily average number employed.					
							Number of working days in the year.			On remunerative labour.		
	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
Madras ...	423.95	421.26	425.53	318.89	316.16	307.37	356	354	313	75.36	75.12	71.28
Vizagapatam ...	67.21	71.61	72.51	58.58	62.25	56.54	310	308	311	25.82	31.15	31.93
Calicut ...	101.22	94.01	82.28	75.99	67.65	72.61	314	310	308	34.36	27.82	30.46
Total ...	592.38	586.88	580.32	453.46	446.06	436.72	...	...	...	135.54	134.09	133.67

Asylums.	Daily average number employed—cent.			Total profits.			Profit per head employed on remunerative labour.		
	On unremunerative labour.								
	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
Madras ...	243.53	241.04	236.09	RS. A. P. 2,850 9 5	2,330 9 2	5,005 12 9	RS. A. P. 37 13 3	31 0 5	70 3 8
Vizagapatam ...	32.76	31.10	24.61	1,145 3 5	1,083 15 11	1,221 14 6	44 5 8	24 12 9	38 4 3
Calicut ...	41.63	39.53	42.35	582 15 1	528 14 7	731 8 6	16 15 5	13 15 8	24 0 1
Total ...	317.92	311.67	303.05	4,578 11 11	3,943 7 8	6,958 14 9	33 12 6	23 6 7	52 1 0

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

Asylums.					1896.	1897.	1898.
					RS. A. P.	RS. A. P.	RS. A. P.
Madras ...	...	...	...	...	1,979 15 11	1,750 10 11	3,805 2 8
Vizagapatam ...	...	...	...	...	899 2 9	614 13 3	616 14 4
Calicut ...	...	...	...	...	329 12 10	374 7 5	316 3 3
Total ...	...	...	...	...	3,208 15 6	2,739 15 7	4,939 4 3

IV. GENERAL.

(1) **General Administration.**—The general administration of the asylums was satisfactory.

(2) **Establishment.**—

(a) *General-Madras Asylum.*—The late Assistant Surgeon H. H. M. Judge was Deputy Superintendent until 8th April. His untimely death deprived the asylum of a most zealous and efficient Deputy Superintendent, and one who deserved praise for the untiring and kindly care he exercised in all matters relating to the welfare and comfort of the patients. His successor, Senior Assistant Surgeon, S. C. White, is declared to be painstaking and energetic. *The European attendants* are reported to have worked well; one was degraded owing to an escape from the criminal enclosure. *The matron and nurses* have given satisfaction in their work. *The steward* K. Annu Chetty was under suspension during the latter part of the year for certain irregularities in his department; he has since been declared medically unfit for his work or similar service, and his papers have been submitted for pension. *The native attendants and ayahs* have worked well; and the *toties* have done good work as well.

Vizagapatam Asylum.—First-class Hospital Assistant Y. Anantayya, No. 326, has now been 6½ years in charge without a day's leave. In accordance with G.O., No. 1271, Public, dated 3rd December 1896, he draws Rs. 10 per mensem as a personal allowance.

The Store-keeper has done his work satisfactorily. *The native attendants* are of indifferent character, and require constant and careful supervision.

Calicut Asylum.—Second-class Hospital Assistant A. Gopalan, No. 422, was in subordinate charge, and is reported to have taken much trouble to improve the institution.

(b) *Hospital.*—In the Madras Asylum, Civil Apothecary B. D'Prager and Third-class Hospital Assistant P. Kuppusami Mudali, No. 503, form the hospital staff. The former is characterised as having special ability in the management of insanes.

There are no special hospital establishments in the Vizagapatam or Calicut Asylums.

(3) **Notes on Visitors' Reports.**—*The Madras Asylum* was visited during the year once by the Inspector-General of Prisons, once by the Director-General, Indian Medical Service, and by me on several occasions.

The Vizagapatam Asylum was visited once by His Excellency the Governor and once by the Inspector-General of Prisons.

The Calicut Asylum was visited once by the Inspector-General of Prisons and once by me.

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

(4) **Inventory.**—The inventory of the valuable stock of the three asylums has been duly checked and maintained.

(5) **Verification of Service Books.**—The service books of all the servants of the three asylums have been verified up to the period under report.

I have the honour to be,

Sir,

Your most obedient servant,

C. SIBTHORPE, C.B., F.R.C.P.I., Surgn.-General,
Surgeon-General with the Government of Madras.

STATEMENTS I TO XI.

MAD

VIZAGA

The capacity of the Vizagapatam Lunatic Asylum at 50 square feet per Native patient equals—											75
Males	...	...	...	...	...	...	...	...	...	...	16
Females	...	...	...	...	...	...	...	...	...	...	16
Total											32

1888	98	27	125	21	8	23	3	...	3	122	35	157	13	720	2	...	2	1	...	1	...	1	16	7	23	4	1	5	102	27	129			
1889	102	27	129	12	12	24	2	...	2	113	39	155	2	2	4	2	...	2	...	1	...	1	5	2	7	5	3	8	106	34	140			
1890	106	34	140	25	16	41	3	...	3	134	50	184	2	5	17	1	1	2	1	...	1	1	14	7	21	20	7	27	100	36	136			
1891	100	36	136	31	7	38	1	...	1	132	43	175	12	5	17	2	2	2	2	...	2	...	14	7	21	19	4	13	109	32	141			
1892	109	32	141	16	4	20	1	...	1	123	36	162	17	5	22	2	2	...	2	...	1	1	26	6	32	45	12	57	23	1	24			
1893	58	23	81	22	5	27	1	...	1	81	24	103	8	1	9	2	1	3	...	1	1	1	1	1	11	3	14	13	2	15	57	23		
1894	57	23	80	34	5	41	3	...	3	96	28	124	18	3	21	3	1	4	2	...	2	...	...	...	20	3	23	7	14	75	26	101		
1895	72	25	97	27	8	35	3	...	3	102	36	138	15	3	27	3	1	4	2	...	2	...	...	...	22	5	27	6	1	7	69	25	94	
1896	75	26	101	19	4	23	1	...	1	4	3	97	31	128	17	5	22	3	3	2	...	2	...	...	...	...	...	...	...	...	...	...		
1897	69	25	94	18	2	20	3	...	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	1	72	23	95	7	1	8	3	...	3	...	...	...	...	1	1	2	11	2	13	7	1	8	54	20	74
Grand Total.	447	133	586	101	27	131	1	2	3	552	162	714	54	9	63	11	1	12	1	...	1	1	13	2	15	79	12	91	31	15	46	442	135	577

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

HAS

Figure 1

The maximum number of Larvæ confined during any one night in 1898 was on the night of 26th July 1898, viz.:-

Males	60
Females	15
Total	75

98-53	26-12	122-68	2-35	0-73	3-08	13-46	26-80	16-30	4-14	3-82	4-07	54-17	87-50	62-50	16-66	12-50	15-6
105-03	29-27	131-30	3-30	0-64	3-24	1-30	6-33	2-98	4-76	10-25	5-35	14-28	15-38	15-38	33-71	25-00	30-7
99-94	34-28	134-09	4-55	1-25	5-80	12-01	14-58	12-67	20-03	20-42	20-13	42-33	31-25	38-33	71-42	43-75	61-3
103-85	34-15	141-00	7-39	0-76	8-15	11-23	14-64	12-05	8-42	11-71	9-21	37-50	71-43	43-59	28-12	57-14	39-3
83-11	29-33	118-50	8-16	0-72	8-58	19-08	17-01	18-37	23-81	3-40	20-25	100-00	125-00	104-76	135-29	25-00	114-2
60-80	21-04	84-34	6-08	2-02	8-10	13-27	4-16	10-67	21-56	8-32	7-75	34-78	20-09	32-14	56-52	40-00	53-2
72-68	25-39	98-07	10-14	4-93	15-07	24-77	11-82	21-41	8-26	...	6-12	46-15	60-00	47-73	15-38	...	13-6
77-67	25-39	103-36	17-98	4-50	22-57	19-31	7-78	10-45	9-01	27-25	13-54	50-00	13-18	41-46	23-33	63-63	3-4
73-95	27-27	101-22	10-50	5-32	24-32	22-09	18-34	21-73	8-11	3-67	6-92	77-27	100-00	81-48	27-27	20-00	25-2
69-59	24-02	94-01	19-03	7-33	26-36	8-57	4-16	7-35	20-00	29-14	22-34	31-58	25-00	30-43	73-68	175-00	91-3
60-60	21-03	82-28	10-89	4-23	15-12	11-55	4-61	9-72	11-55	4-61	9-72	77-77	83-33	66-66	77-77	33-33	66-1
443-94	133-48	580-32	50-93	24-27	75-23	12-08	6-74	10-86	6-94	11-24	7-93	51-43	31-03	47-01	29-52	51-72	34-3

The maximum number of Lunatics confined during any one night in 1898 was on the night of 3rd April 1898, viz.:-															
Males	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
Females	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Total														87	

STATEMENT No. IV.

Return showing the previous occupation of Patients admitted into the Lunatic Asylums in the Madras Presidency during the year 1898.

1	2			3			4			5		
Name of Asylum.	Madras.			Vizagapatam.			Calicut.			Total.		
Occupation of Patients.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Beggars ...	1	2	3	...	1	1	1	1	2	2	4	6
Bricklayer ...	1	...	1	...	...	...	...	...	...	1	...	1
Boatman ...	1	...	1	...	...	...	...	...	...	1	...	1
Cultivator ...	11	...	11	1	...	1	1	...	1	13	...	13
Compounder ...	...	...	...	...	...	...	1	...	1	1	...	1
Engine-driver ...	1	...	1	...	...	...	...	...	...	1	...	1
Gardener ...	2	...	2	...	...	...	...	...	...	2	...	2
Musicians ...	1	1	2	...	...	...	...	...	...	1	...	1
Printer ...	2	...	2	...	...	...	...	...	...	1	1	2
Pensioner (soldier) ...	1	...	1	...	...	...	...	...	...	1	...	1
Schoolmistress ...	...	1	1	...	...	...	...	...	...	...	1	1
Sepoy ...	11	...	11	...	...	...	...	...	...	11	...	11
Soldiers ...	3	...	3	...	...	...	...	...	...	3	...	3
Servants ...	4	1	5	2	1	3	...	1	1	6	3	9
Stationmaster ...	...	...	...	1	...	1	...	...	...	1	...	1
Scavenger ...	1	...	1	...	...	...	...	...	...	1	...	1
Student ...	1	...	1	...	...	...	...	...	...	1	...	1
Traders ...	3	1	4	...	...	...	...	...	...	3	1	4
Writers ...	2	...	2	...	...	...	...	...	...	2	...	2
Washermen ...	2	1	3	...	...	...	...	...	...	2	1	3
Weavers ...	...	1	1	1	...	1	...	...	...	1	...	1
No occupation ...	5	10	15	1	...	1	1	1	2	7	11	18
Cotton dyer ...	...	...	...	1	...	1	...	...	...	1	...	1
Medical practitioner ...	...	...	...	...	...	...	1	...	1	1	...	1
Pilgrim ...	...	...	...	1	...	1	...	...	...	1	...	1
Unskilled labourers ...	11	...	11	...	...	...	4	...	4	15	...	15
Bazaarmen ...	3	...	3	...	...	...	...	...	...	3	...	3
Prostitute ...	...	1	1	...	...	...	...	...	...	...	1	1
Unknown ...	19	5	24	...	...	...	...	...	...	19	5	24
Supervisor ...	1	...	1	...	...	...	...	...	...	1	...	1
Seaman ...	...	...	...	1	...	1	...	...	...	1	...	1
Total	87	24	111	9	2	11	9	3	12	105	29	134

The occupations of 11 European and Eurasian males and 11 European and Eurasian females admitted during 1898 into the Madras Lunatic Asylum were as follows:—

Males.				Females.			
Engine-driver ...	...	...	1	Musician ...	...	...	1
Soldiers ...	...	...	4	Schoolmistress ...	...	...	1
Organist ...	...	...	1	No occupation ...	...	...	9
Printer ...	...	...	2				
No occupation ...	...	...	3				

STATEMENT No. V.

Return showing the Ages of Patients admitted into the Lunatic Asylums in the Madras Presidency during the year 1898.

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	2	5	65	17	82	18	5	23	1	...	1	87	24	111
Vizagapatam ...	1	1	2	7	...	7	1	1	2	...	...	...	9	2	11
Calicut ...	1	...	1	5	2	7	2	1	3	1	...	1	9	3	12
Total ...	5	3	8	77	19	96	21	7	28	2	...	2	105	29	134

STATEMENT No. VI.

Return showing the Types of Insanity of the Lunatics in the Asylums in the Madras Presidency during the year 1898.

Cases.	1		2		3		4	
	136. Idiocy.		137. Mania, acute or chronic.		138. Melancholia acute or chronic.			
	Epileptic.		Epileptic.		Epileptic.		Other forms.	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
MADRAS.								
Remained on 31st December 1897	21	5	26	18	5	23	202	68
Admitted	1	...	1	9	5	14	67	15
Total treated	22	5	27	23	10	33	269	83
Recovered	...	...	...	...	...	...	35	64
Improved	...	...	...	...	...	...	17	5
Died	2	1	3	2	...	2	12	1
Remaining on 31st December 1898	20	4	24	21	9	30	205	70
VIZAGAPATAM.								
Remained on 31st December 1897	1	1	2	4	...	4	24	4
Admitted	1	...	1	...	1	2	7	1
Total treated	2	1	3	4	1	5	31	5
Recovered	...	...	...	...	...	...	7	...
Improved	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...
Remaining on 31st December 1898	...	...	...	...	...	...	...	...
CALCUT.								
Remained on 31st December 1897	2	1	3	3	...	3	42	13
Admitted	...	...	...	...	...	...	8	2
Total treated	2	1	3	3	1	4	50	15
Recovered	...	...	...	...	...	...	6	1
Improved	...	...	...	...	...	...	3	1
Died	...	...	...	...	...	...	5	...
Remaining on 31st December 1898	2	...	2	4	1	5	35	13
Grand Total treated	26	7	33	31	12	43	349	104

STATEMENT No. VI.—continued.

Return showing the Types of Insanity of the Lunatics in the Asylums in the Madras Presidency during the year 1898—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.		Males.		Females.	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.												
Remained on 31st December 1897	...	...	...	...	...	...	...	...	...	...	...	...
Admitted	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	...	...	...	...	...
Improved	...	...	...	...	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	...	...	...	...
VIZAGAPATAM.												
Remained on 31st December 1897	1	...	1	14	5	19	...	...	...	...	...	...
Admitted	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	1	...	1	14	5	19	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	...	...	...	...	...
Improved	...	...	...	...	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1898	1	...	1	14	4	18	...	...	...	...	...	...
CALCUT.												
Remained on 31st December 1897	...	...	...	...	...	...	...	...	...	...	...	...
Admitted	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	...	...	...	...	...	...	...	...	...	...	...	...
Recovered	...	...	...	...	...	...	...	...	...	...	...	...
Improved	...	...	...	...	...	...	...	...	...	...	...	...
Died	...	...	...	...	...	...	...	...	...	...	...	...
Remaining on 31st December 1898	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total treated	1	...	1	99	25	124	...	...	...	...	...	...

* Handed over improved Do. not improved Transferred to England Do. to Civil List

† Escaped

Total ... 5

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STATEMENT No. VII.

Table showing the alleged Causes of Insanity among the Lunatics in the Asylums in the Madras Presidency during the year 1898.

1	2		3		4		5		6		7		8		9	
	Cases.		Charas smoking.		Ganja smoking.		Use of bhang.		Opium smoking (madak and chandu).		Opium eating.		Spirit drinking.		All other intoxicants.	
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Fever.
MADRAS.																
Remaining ...	...	...	41	...	...	...	5	...	...	...	2	...	4	...	...	2
Admitted { Criminal	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-criminal.	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated ...	...	...	47	...	...	...	5	...	...	...	...	...	...	...	...	...
Recovered ...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Improved ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Died ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
VIZAGAPATAM.																
Remaining ...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted { Criminal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-criminal.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CALCUT.																
Remaining ...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Admitted { Criminal	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-criminal.	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Total treated ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Recovered ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total treated ...	...	...	57	...	...	...	5	...	...	...	3	...	10	...	2	7

STATEMENT No. VII—continued.

Table showing the alleged Causes of Insanity among the Lunatics in the Asylums in the Madras Presidency during the year 1898—continued.

Cases.	10		11		12		13		14		15		16			
	Physical Causes—cont.						Moral causes.						Total unknown.		Grand Total.	
	Etc.		Etc.		Total, Physical.		Total.		Total known.		Total.		Total.			
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
MADRAS.																
Remaining Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	117	47	164	...	172	48	220	59	28	87	231	76	307	96		
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	27	11	38	...	37	11	48	10	4	14	47	15	62	21		
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	10	5	15	...	17	5	22	10	2	12	27	7	34	13		
Improved	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	9	3	12	...	12	2	14	4	...	4	16	2	18	4		
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	11	4	15	...	14	5	19	4	3	7	18	8	26	2		
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	153	60	213	...	219	61	280	72	32	104	291	93	384	123		
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	425	98	523	...	523	101	624	172	34	206	529	137	666	171		
VIZAGAPATAM.																
Remaining Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	23	4	27	...	30	4	34	5	1	6	3	5	40	22		
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Improved	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
CALCUT.																
Remaining Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	19	7	26	...	28	8	36	25	5	30	53	13	66	10		
Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Improved	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Grand Total treated	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	206	73	279	...	260	75	365	102	40	142	392	115	507	160		
* Handed over improved ... 3 Do, not improved ... 2 Transferred to England ... 5 Do, to Civil list ... Total ...																

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1898—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.	Males.	Females.	Total.	
MADRAS—continued.																						
Diseases of the Intestines.																						
433. Inflammation, acute, catarrhal.	...	...	✓	12	2	14	12	2	14	9	2	11	1	...	* 1	...	...	...	2	...	2	
445. Hernia, (b) inguinal—	...	...	...	3	3	3	3	3	3	3	...	3	...	...	...	...	...	...	...	...	...	
Oblique strangulated ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Do. reducible ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
452. Stricture ...	1	...	1	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	
Diseases of the Rectum and Anus.																						
465. Abscess ...	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	
477. Piles—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a). Internal ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
(c). Mixed ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Diseases of the Liver.																						
479. Inflammation—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(b). Chronic Hob Nail Liver ...	...	...	...	2	...	2	2	...	2	...	...	...	1	...	1	...	...	...	1	...	1	
Diseases of the Hepatic Ducts and Gall Bladder.																						
488. Inflammation—	...	...	...	2	1	3	2	1	3	2	...	2	...	1	1	...	...	...	...	...	...	
(a). Catarrhal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diseases of the Urinary System.																						
Diseases of the Kidney and Duets.																						
539. Bright's disease—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(1). Chronic Nephritis ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
(2). Graauar kidney ...	...	...	...	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	
Diseases of the Generative System.																						
Diseases of the Male Organs Of Generation.																						
Diseases of the Prepuce.																						
598. Phimosis—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a). Congenital ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
(b). Acquired ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Diseases of the Penis.																						
601. Balanitis ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
603. Uloer ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Diseases of the Tunica Vaginalis.																						
623. Hydrocele—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a). Enoysted ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Diseases of the Testicle.																						
625. Orchitis—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(a). Acute ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Diseases of the Organs of Locomotion—																						
Diseases of the Bones.																						
736. Necrosis, ungual phalanx of thumb (left) ...	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	

STATEMENT No. VIII—continued.

Return of the Sick in the Hospitals of the Lunatic Asylums for the year 1898--continued.

1	2			3			4			5							6					
Diseases.	Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.							Re-maining sick.					
										Discharged 'cured.'			Discharged 'otherwise.'*			Died.						
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
MADRAS—continued.																						
Diseases of the Connective Tissue.																						
790. Abscess	1	...	1	1	1	2	2	1	3	2	1	3	...	...	...	...	...	...	...	...	...	
803. Elephantiasis	...	...	...	1	1	2	1	1	2	...	...	...	1	1	2	...	...	...	...	...	...	
Diseases of the Skin.																						
811. Eczema	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
820. Pemphigus	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	
843. Ulcer	1	...	1	2	1	3	3	1	4	2	2	...	3	...	...	...	...	1	1	...	...	
General Injuries.																						
873. (a) Scald, left side and shoulder 3rd degree	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
880. Privation	...	...	...	3	1	4	3	1	4	2	1	3	...	...	...	...	...	...	1	...	1	
Local Injuries.																						
Section II.																						
Injuries of the Ear.																						
961. Foreign bodies in the external meatus	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Injuries of the Chest.																						
976. Fracture of the ribs— (a). With injury to lung (emphysema)	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Injuries of the Pelvis and Organs of Generation.																						
1004. Wound, penis	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Injuries of the Upper Extremities.																						
1022. Contusion, finger (accidental)	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	
1030. Fracture, simple, of the humerus (anatomical neck)	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
1031. Fracture simple, of the bones of the forearm— (a). Radius, lower 3rd, indirect violence (accidental)	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
(c). Both bones, simple, indirect violence (accidental)	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
1032. Fracture, simple metacarpal bone of right ring finger.	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	
Injuries of the Lower Extremities.																						
1036. Contusion (hip 1, foot 1)	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	
1039. Wound, leg (lacerated)	...	...	...	3	...	3	3	...	3	3	...	3	...	...	...	...	...	...	...	...	...	
1045. Compound fracture of 1st metatarsal bone of left-foot (self-inflicted by direct violence)	...	...	...	1	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	
Total ...	23	13	36	312	75	387	335	88	423	170	32	202	117	37	154	19	9	28	29	10	39	

* The cases discharged 'otherwise' include—other than those discharged "relieved"—8 re-admissions for other diseases (1 hemiplegia under dementia, 1 idiocy under *anchylostomosis*, 1 mania under *septicemia*, 1 mania under stomatitis, 1 mania under catarrhal enteritis, 1 mania under dementia; 1 mania under chicken-pox, 1 catarrhal enteritis under worms); 1 escape and 1 discharged to be sent to England.

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1898—continued.

1			2			3			4			5									6		
Diseases.	Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.									Re-remaining sick.				
										Discharged 'cured.'			Discharged 'otherwise.'*			Died.							
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
VIZAGAPATAM.																							
I.—GENERAL DISEASES.																							
16. Simple continued fever	...	...	...	10	8	18	10	8	18	10	8	18	...	...	...	...	...	...	...	...	...	...	
21. Dysentery	...	...	...	1	1	2	1	1	2	1	1	2	...	...	...	...	...	...	...	...	...	...	
22. Malarial fever—	...	...	...	2	...	2	2	...	2	2	...	2	...	...	...	...	...	...	...	...	...	...	
(a). Intermitent...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
33. Syphilis—	...	...	...	...	1	1	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	
(a). Primary	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
40. Diseases dependent on animal parasites—	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	
H (107) Acarus scabiei	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
II.—LOCAL DISEASES.																							
Diseases of the Nervous System.																							
Sub-Section I.																							
Diseases of the Brain & its membranes.																							
80. Meningitis, chronic	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	
95. Softening of the brain	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	
Sub-Section II.																							
103. Paralysis—	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	
(b). Hemiplegia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
118. Epilepsy—	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	1	1	...	...	...	
(a). Major	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Sub-Section III.																							
137. Mania, acute	...	1	1	2	2	...	2	3	1	4	...	...	...	2	1	3	...	...	...	1	1	1	
138. Melancholia, acute	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	
141. General paralysis of the insane	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	
Diseases of the Eye.																							
Of Conjunctiva.																							
143. Conjunctivitis—	...	...	...	1	1	2	1	1	2	1	1	2	...	...	...	...	...	...	...	...	...	...	
(a). Catarrhal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diseases of the Ear.																							
Of External Ear.																							
230. Inflammation—	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	
(b). Chronic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diseases of the Respiratory System.																							
Diseases of the Trachea & Bronchi.																							
315. Bronchitis, acute—	...	...	...	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	
(a) Catarrhal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diseases of the Lung.																							
334. Phthisis—	...	...	...	1	...	1	...	...	1	...	1	...	...	1	...	1	...	...	...	...	...	...	
(b). Chronic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diseases of the Digestive System.																							
Diseases of the Intestines.																							
462. Diarrhoea	...	...	...	2	1	3	2	1	3	2	1	3	...	...	...	...	...	...	...	...	...	...	

* The cases 'discharged otherwise' were 3 Mania, 1 Chronic Phthisis—Relieved.

STATEMENT No. VIII.—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1898—continued.

1			2			3			4			5									6		
Diseases.			Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.											
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	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.	Males.	Females.	Total.
VIZAGAPATAM—continued.																							
I.—GENERAL DISEASES—cont.																							
Diseases of the Liver.																							
479.	Inflammation chronic—																						
(b).	Hypertrophic cir-																						
rrhosis	... ..					1	1		1	1								1	1				
Diseases of the Connective Tissue.																							
798.	Inflammation					1	1		1			1											
799.	Abscess					3		3	3			3	3		3								
Diseases of the Skin																							
843.	Ulcer					1		1	1			1										1	1
845.	Boil						1	1		1			1	1									
INJURIES.																							
Local.																							
Section I.																							
Injuries of the Skin & Subcutaneous Tissue.																							
915.	Burn					1		1	1			1	1		1								
Total	...					2	1	3	31	16	47	33	17	50	23	14	37	3	1	4	4	2	6
CALICUT.																							
I.—GENERAL DISEASES.																							
16.	Simple continued Fever					1		1	1			1	1		1								
21.	Dysentery					1		1	3	1	4	4	1	5	3	1	4				1		1
30.	Tubercle								6		6			6						4		4	2
33.	Syphilis constitutional								1		1	1		1	1		1						
40.	Diseases dependent on Animal Parasites					1		1	1		1	1		1								1	1
53.	Rheumatism					1		1	1	1	2	2	1	3	2	1	3						
80.	Old age						1	1	2		2	2	1	3			2		2				1
II.—LOCAL DISEASES.																							
Diseases of the Nervous System.																							
Sub-Section II.																							
103 (b).	Hemiplegia					1		1	1		1	1		1					1		1		
118.	Epilepsy							3		3	3		3				1		1			2	
Sub-Section III.																							
Mental Diseases.																							
137.	Mania					1		1	5	5	10	6	5	11				5	4	9	1		1
139.	Dementia					1		1	1		1	2		2				1		1			1
Diseases of the Eye.																							
143.	Conjunctivitis							1		1	1		1	1		1							

* The cases 'discharged otherwise' were 3 Mania, 1 Chronic phthisis—Relieved.

STATEMENT No. VIII—continued.

Return of Sick in the Hospitals of the Lunatic Asylums for the year 1898—continued.

Diseases.	2			3			4			5								6	
	Remaining in hospital from the previous year.			Admitted during the year.			Total.			Results.									
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Discharged 'cured.'	Discharged 'otherwise.'	Died.	Re-remaining sick.						
CALCUTTA—continued.																			
LOCAL DISEASES—cont.																			
Diseases of the Iris.																			
156 (a). Iritis, Syphilitic ...				1	1		1	1				1	1						
Diseases of the Eyelids.																			
215. Hordeolus ...				1		1	1		1	1									
Diseases of the Circulatory System.																			
259 (2). Valvular Disease of the Heart ...				5	2	7	5	2	7	1		1	1	2			3	1	4
Diseases of the Respiratory System.																			
322. Spasmodic Asthma ...				1	1		1	1		1		1							
326 (a). Pneumonia, catarrhal ...	1		1				1		1	1									
Diseases of the Digestive System.																			
Diseases of the Mouth.																			
348. Stomatitis ...				1		1	1		1	1		1							
Diseases of the Stomach.																			
403 (a). Gastritis, catarrhal ...	1		1	15	2	17	16	2	18	16	1	17					1	1	
Diseases of the Intestines.																			
433. Inflammation, catarrhal ...				7	4	11	7	4	11	6	3	9	1		1				
Diseases of the Liver.																			
431 (b). Congestion, Liver, Passive ...				2	2		2	2		2									
Diseases of the Genurative System.																			
634. Dysmenorrhoea ...				3	3		3	3				3							
Diseases of the Connective Tissue.																			
799. Abscess ...	1		1	1	2	2	1	3	2	1	3								
Diseases of the Skin.																			
843. Ulcer ...				1	1		1	1		1	1								
Local Injuries.																			
Injuries of the Lower Extremities.																			
1036. Contusion ...				1		1	1		1	1									
Total ...	7	1	8	59	22	81	66	23	89	39	12	51	11	6	17	7	1	8	413

STATEMENT No. IX.

Statement showing the Cash Account of the Lunatic Asylums for the year 1898.

Asylums	Receipts.						Total.	
	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.			
1	2	3	4	5	6	7		
Madras	Rs. A. P. (a) 73,492 11 5	Rs. A. P. 10,671 14 10	(d) Rs. A. P. 5,895 13 0	Rs. A. T. 19,974 15 5	(g) Rs. A. P. 114 11 8	Rs. A. P. 1,19,719 4 6		
Vizianagaram	(b) 5,948 6 4	479 5 8	(e) 1,039 2 3	1,931 8 1	(h) 72 11 8	9,512 14 2		
Calicut	(c) 16,283 7 70	265 4 8	(f) 1,138 4 10	563 6 0	(i) 169 0 11	12,301 6 0		
Total	95,719 2 4	11,347 7 2	8,284 4 1	22,529 12 0	253 0 1	1,23,554 0 8		
Charges.								
Asylums.	Establishment.		Diet.	Clothing and bedding.	Fever medicines.	Contingences.		
	Establishment proper.	Superintendence.				Contingencies proper.	Repairs and maintenance.	Rates and taxes.
8	9	10	11	12	13	14	15	
Madras	Rs. A. P. 24,544 9 8	Rs. A. P. 7,026 11 1	Rs. A. P. 28,539 9 3	Rs. A. P. 1,12,201 9 1	Rs. A. P. 179 4 11	Rs. A. P. 12,429 11 0	Rs. A. P. 236 10 10	Rs. A. P. 1,734 4 10
Vizianagaram	2,721 4 10	699 0 0	2,225 2 3	107 9 10	0 15 0	87 1 0	8 2 0	9 1 0
Calicut	3,117 11 10	500 0 0	4,236 2 2	288 12 0	240 9 11	202 10 0	713 7 0	.....
Total	30,343 1 1	8,225 12 1	35,062 5 0	1,12,597 8 8	420 15 10	2,717 14 1	1,064 3 10	1,899 5 10

(a) Includes the following items—	Rs. A. P.	(b) Sale of refuse of paddy and other grains ...	Rs. A. P. 72 11 8
Value of stocks on 1st January 1898 ...	2,583 8 11	(c) Sale proceeds of dairy farm ...	54 6 7
Value of raw materials on 1st January 1898 ...	475 0 6	(d) Sale proceeds of condemned stores ...	1 12 10
Cost of raw materials purchased ...	1,127 5 0	(e) Lunatic labour ...	19 15 4
Total ...	4,189 4 7	Total ...	196 0 11
(b) Includes the value of stores on 1st January 1898 ...	286 8 11	(f) (Asylum clothing ...	1,826 11 0
Cost of raw materials, &c., purchased ...	297 8 4	(g) Local purchases ...	380 4 4
Total ...	583 12 3	Total ...	2,201 0 1
(c) Includes value of stores on 1st January 1898 ...	140 4 6	(h) (Asylum clothing ...	87 9 10
Cost of raw materials in store on 1st January 1898 ...	83 10 5	(i) Local purchases ...	20 0 0
Cost of raw materials purchased ...	459 11 2	Total ...	107 9 10
Total ...	683 10 1	(j) (Asylum clothing ...	173 3 6
(d) Value of clothing made over to the asylum ...	1,820 11 9	(k) Local purchases ...	115 9 3
Do. sold to the public ...	1,407 3 7	Total ...	288 12 9
Value of garden produce to the public ...	3,805 2 8	(l) Paddy repairs to buildings ...	65 9 9
Total ...	7,033 2 0	(m) Purchase of books ...	2 6 0
Deduct cost of raw materials ...	1,127 5 0	(n) Advertisements ...	99 2 6
Net ...	5,905 13 0	(o) Binding charges ...	4 12 0
(e) Value of manufactured goods (Rs. 163-14-11), and garden produce (Rs. 379-0-11) made over to the Asylum ...	542 15 10	(p) Paddy carriage hire and cool charges ...	116 2 0
Value of manufactured goods (Rs. 416-13-4), and garden produce (Rs. 437-13-5) sold to the public ...	884 10 9	(q) Vaccine lymph ...	7 9 9
Total ...	1,427 10 7	(r) Funeral expenses ...	50 0 0
Deduct the cost of raw materials ...	297 8 4	(s) Wages of extra servants ...	48 5 4
Net ...	1,130 2 3	(t) Postal and Telegraph charges ...	48 14 6
(f) Sale of manufactured goods to the public ...	345 12 2	(u) Amusement and recreation ...	407 12 2
Do. garden produce to the public ...	316 3 3	(v) Periodicals ...	80 10 3
Value of clothing made over to the Asylum ...	173 3 0	(w) Railway charges ...	125 4 9
Value in store at the end of the year ...	670 12 10	(x) Maintenance of patients under boarding out system ...	120 0 0
Do. beginning of the year ...	263 0 3	(y) Miscellaneous charges ...	1,246 8 10
Total ...	1,638 0 0	Total ...	2,429 1 10
Deduct cost of raw materials ...	459 11 2	(z) Amusement and recreation ...	12 0 0
Net ...	1,189 4 10	(aa) Feeding, &c., of asylum bulls ...	51 10 0
(g) Sale of refuse (chaff ...	58 13 9	(ab) Railway charges to recovered inmates ...	1 10 0
Sale of condemned stores ...	17 5 2	(ac) Postage charges ...	5 8 0
Fine on the contractor ...	28 0 0	(ad) Binding charges ...	0 10 0
Total ...	114 3 6	(ae) Repair of furniture ...	12 11 9
		(af) Funeral expenses ...	3 9 0
		Total ...	87 1 9
		(ag) Amusement ...	43 11 4
		(ah) Repairs to furniture ...	42 0 2
		(ai) Book binding, &c. ...	15 13 0
		(aj) Postage and telegraph charges ...	21 0 9
		(ak) Printing expenses ...	2 4 0
		(al) Sundry charges ...	76 8 3
		Total ...	201 10 4

STATEMENT No. IX—continued.

Statement showing the Cash Account of the Lunatic Asylums for the year 1898—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.
				Charges on account of work done by Public Works Department.	Cost of printed forms and stationery.	Cost of English stores and medicines, &c.	
	16	17	18	19	20	21	22
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras	(p) 18,068 8 7	(s) 1,893 14 7	85,574 10 5	(r) 19,283 15 5	152 9 8	535 6 1	(u) 1,05,549 9 7 5,169 15 11 1,10,719 9 8
Vizagapatam ...	(q) 1,427 10 1	(t) 72 15 8	7,360 14 5	(v) 1,804 6 5	6 13 7	80 2 1	(w) 9,252 4 3 290 9 8 9,512 14 2
Calicut	(x) 973 5 0	(u) 494 9 11	19,969 5 5	(z) 254 4 0	28 14 4	252 4 5	(y) 11,532 12 2 29 9 7 128 6 5 (p) 639 12 11 12,301 9 0
Total	18,459 7 8	2,461 8 2	1,03,904 14 3	21,372 9 10	196 5 7	870 12 7	1,26,534 10 3 6,193 6 5 1,32,727 6 8

		Rs. A. P.	New works.		Rs. A. P.
(p)	Paying patients ...	10,671 14 10	(c)	Additions to Lunatic Asylum ...	19,652 1 1
	Sale of refuse & hall ...	38 18 9		Petty works to block of 16 cells in the female enclosure ...	27 5 10
	Sale of condemned stores ...	17 5 9		Repairs to Superintendent's quarters ...	55 14 7
	Sale of manufactured goods ...	1,497 3 7		Repairs to service pipes ...	15 0 0
	Sale of garden produce ...	5,865 2 3		Petty repairs to block of 8 rooms, &c. ...	33 5 7
	Fine on contractor ...	58 0 0		Repairs to Red Hills Water-pipes ...	54 16 0
	Total ...	16,058 8 7		Repairs to the grinding mills in the female enclosure ...	13 8 0
(q)	Paying patients ...	479 3 8	(d)	Repairs to 75 warders and sweepers' huts ...	381 13 4
	Sale of refuse of gaddi, &c. ...	72 11 8		Total ...	19,283 15 5
	Sale of manufactured goods ...	446 13 4			
	Sale of garden produce ...	437 13 5			
	Total ...	1,427 10 1			
(r)	Paying patients ...	205 4 8	(e)	Constructing a cook-house ...	588 8 7
	Miscellaneous receipts as per column 6 ...	106 0 11		Improvements to Hospital and Female cottages ...	726 7 0
	Sale of manufactured goods ...	345 12 2		Repairs to the buildings ...	489 6 10
	Sale of garden produce ...	316 3 3		Total ...	1,804 6 5
	Total ...	973 5 0			
(s)	Hospital necessities ...	1,241 13 2	(f)	Expenditure for the Superintendent's Office ...	177 2 9
	Hospital miscellaneous ...	652 1 5		Dis-mantling old office building ...	33 13 0
	Total ...	1,893 14 7		Dis-mantling the servant's quarters ...	73 4 3
(t)	Hospital necessities ...	72 15 8		Total ...	284 4 0
(u)	Hospital necessities ...	416 6 11	(g)	Value of stores on hand at the end of the year.	
	Hospital miscellaneous ...	73 3 0		(x) Balance of raw materials.	
	Total ...	494 9 11		(y) Manufactured goods in store.	

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.
	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 ...	32,130 12 6	75 8 1	28,560 0 3	67 1 10	2,201 0 1	5 2 9	708 11 0	1 10 8
Vizagapatam ...	3,321 4 10	45 12 11	2,329 2 3	32 1 11	107 9 10	1 7 9	81 1 1	1 1 11
Calicut ...	3,717 11 10	45 2 11	4,293 2 6	52 2 10	288 12 8	3 8 2	532 14 4	6 7 7
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.
	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 ...	4,712 11 2	11 1 2	1,893 14 7	4 7 3	70,207 1 7	164 15 10	2,503 8 11	5,169 15 11
Vizagapatam ...	108 2 4	1 7 10	72 15 8	1 0 1	6,020 4 0	83 0 5	238 3 11	260 9 8
Calicut ...	947 15 10	11 8 4	494 9 11	6 0 2	10,275 3 2	124 14 1	140 4 6	129 6 5

- (a) Vide columns 8 and 9 of statement IX.
 (b) Vide column 10 of statement IX.
 (c) Vide column 11 of statement IX.
 (d) Vide columns 12 and 21 of statement IX.
 (e) Vide columns 13, 14, 15 and 20 of statement IX.
 (f) Vide column 17 of statement IX.
 (g) Grand Totals of columns (a), (b), (c), (d), (e) and (f).
 (h) Vide foot-notes (y) and (w) respectively under column 22 of statement IX of 1897 and 1898.

STATEMENT No. X.

Showing the sanctioned Establishment of the Lunatic Asylum as it stood on the 31st December 1898.

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 (Captain I.M.S.)	1	650 0 0	1	50 0 0	1	50 0 0	3	750 0 0
Assistant Surgeon, Senior	1	460 0 0					1	460 0 0
Civil Apothecary	1	130 0 0					1	130 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 Hospital Assistant	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 Assistant Steward	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 Head-keeper, Male					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	63 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 Head-keeper, Female					1	8 0 0	1	8 0 0
First-class Female Attendants	1	8 0 0	1	7 0 0			2	15 0 0
Second-class do.	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			1	6 0 0	4	24 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
Barbers	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
Gato-peon	1	8 0 0			1	6 0 0	2	14 0 0
First-class Toly	1	8 0 0	1	7 0 0	1	7 0 0	3	22 0 0

* Does not include the house-rent of Rs. 8, as quarters have been constructed in the Asylum.

STATEMENT No. X—continued.

Showing the sanctioned Establishment of the Lunatic Asylum as it stood on the 31st December 1898—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	1	4 0 0	2	8 0 0	8	37 0 0
Male toty for Warders' lines	2	12 0 0					2	12 0 0
Female toty do.	2	8 0 0					2	8 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	2,840 0 0	19	275 0 0	27	309 0 0	178	3,424 0 0

STATEMENT NO. XI.

Showing Receipts and Expenditure on account of Manufactures in the Lunatic Asylums during the year 1898.

Statement of the expenditure on account of manufactures in the Lunatic Asylums during the year 1898.

1	2	3	4	5	6	7	8			
Credits.										
Asylums.	Mean population.		Cash paid into treasury for articles sold.	Value of manufactured goods made over to asylum for 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.							Total.	
	Madras	328-02	97-51	425-53	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
	Vizagapatam	57-95	14-27	72-21	1,920 11 9	331 14 3	1,412 15 10	372 3 0	9,239 0 10	
Calicut	60-60	21-68	82-28	542 15 10	126 1 11	263 15 11	29 8 0	1,817 4 5		
				173 9 6	29 9 7	609 12 10	.....	1,474 9 4		
Debits.										
Asylums.	9	10	11	12	13	14	15	16	17	18
	Value of manufactured goods in store on 1st January 1898.	Value of raw materials in store on 1st January 1898.	Value of plant and machinery in store on 1st January 1898.	Raw materials purchased.	Contingencies of manufacture.	Other charges.	Total debits.	Excess of credits or profits.	Excess of debits or losses.	Remarks.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
	2,114 5 3	478 6 8	402 3 0	1,127 5 0	111 0 2	.....	4,233 4 1	5,005 12 9	.....	
Madras	182 10 10	112 10 9	32 8 0	294 6 4	3 2 0	.....	625 5 11	1,221 14 6	.....	
Vizagapatam	203 9 3	80 10 5	.....	459 11 2	.....	.....	743 5 10	731 3 6	.....	
Calicut	.....	.....	.....	.....	.....	.....	.....	.....	.....	

The average number of inmates employed on manufacture during 1898 in the Madras Asylum was of Males 68.79 and Females 12.49. Total 71.28.
 The average number of inmates employed on manufacture during 1898 in the Vizagapatam Asylum was of Males 30.00 and Females 1.93. Total 31.93.
 The average number of inmates employed on manufacture during 1898 in the Calicut Asylum was of Males 26.12 and Females 4.34. Total 30.46.

No. 574, PUBLIC, 24th MAY 1899.

GOVERNMENT OF MADRAS

PUBLIC DEPARTMENT.

READ—the following papers:—

From the Surgeon-General with the Government of Madras, dated 15th April 1899, No. T. 8-112.

ABSTRACT.—Forwarding annual report on the lunatic asylums in the Madras Presidency for 1898.

From the Surgeon-General with the Government of Madras, dated 28rd April 1899, No. T. 8-141.

ORDER—No. 574, Public, dated 24th May 1899.

The report on the working of the lunatic asylums in the Presidency for the year 1898 was submitted punctually.

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.			Discharged.			Died.			Remaining at end of year.		
	Males.	Females.	Total.	Males.	Females.	Total.	Cured or improved.	Otherwise.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1897 ..	444	140	584	130	28	158	79	24	103	37	22	59	447	133	580
1898 ..	447	133	580	105	29	134	75	16	91	31	15	46	442	135	577

Of the 580 patients on the rolls at the beginning of the year, 436 were civil and 144 criminal insanies. The 134 admissions included 113 of the former and 21 of the latter class. The further communication from the Surgeon-General, referred to in paragraph 2 of the review of the report for 1897, as to the possibility of handing over harmless civil lunatics to the care of their friends or relatives, was received in November 1898, and recorded in G.O., No. 1521, Public, dated 14th December 1898. From that letter it appears that, since 1897, enquiries were instituted in 114 cases in the three asylums, and that it was found possible to make over to their relatives only eight insanies from the Madras Asylum, and one from the Vizagapatam Asylum. In the remaining cases no information could be obtained as to friends or relatives, or the relatives were either unwilling or too poor to receive the insanies.

3. The number of lunatics discharged as cured or improved was less by four than in 1897. The statement showing the religions of new admissions exhibits no great variation from that of the previous year. The usual large proportion of cultivators appears in the statement of the previous occupation of the patients. There was a considerable decrease in the number of beggars admitted, and a noticeable increase in the number of unskilled labourers, and of persons of unknown professions.

4. As in previous years, mania was the prevailing type of insanity. Epileptic forms of mania, melancholia and dementia showed a steady increase. The proportion of cases in which specific causes of insanity were assigned was 71 per cent.,

against 73 per cent. in 1897. There was a considerable decrease in the number of admissions considered to be due to Ganja smoking and to other intoxicants, and this result is attributed to a more careful observation of the facts in each case. On the other hand, a larger proportion of cases of unknown origin is shown.

5. The accommodation in all three asylums was in excess of the maximum number of inmates on any one day. In the Madras Asylum considerable additions have been completed or are in progress. The issue of orders with regard to the repair of the Vizagapatam and Calicut Asylum buildings was deferred pending the receipt of final instructions from the Government of India as to abolition or retention of the Vizagapatam Asylum, in which question the future constitution of the Calicut Asylum was also involved. It was finally resolved that no change should be made, and since then the execution of the necessary improvements to the buildings at Vizagapatam has been ordered, and estimates for the repairs needed at Calicut have been called for.

6. *Sanitation*.—It is satisfactory to note that sanitation and general hygiene continued to receive special attention. The Surgeon-General will again be reminded that G.O., No. 1701, Judicial, dated 28th October 1896, did not sanction the erection of huts for sweepers but returned for revision the estimates submitted to Government. The revised estimate for the work was approved in G.O., No. 872, Public, dated 9th July 1898, and sanctioned in G.O., No. 2399 W., Public Works, dated 16th September 1898, and provision of funds for this and other works at the Madras Asylum has been made in the budget estimate of the Public Works Department for 1899-1900.

7. *Miscellaneous*.—The statistics of weighments show a general increase of weight among the patients treated during the year. Of those admitted during the year, 83 per cent. at Vizagapatam and 75 per cent. at Calicut gained in weight, while the proportion at Madras was 55 per cent. Of those discharged, the entire number from the Vizagapatam Asylum had gained in weight since their admission, while the ratio per cent. of those who gained at Madras and Calicut was 56 and 69, respectively.

8. The Government learns with satisfaction that the amusement of the patients received increased attention, and is gratified to note the interest in the asylums evinced by Sri Maharaja G. N. Gajapati Rao, C.I.E., at Vizagapatam, and by M. Assai Kozha Haji, M.R.Ry. M. Gopala Menon Avargal, D. Appu Menon, Mrs. K. Chevatha ammal and others at Calicut.

9. *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—				
1896	423.95	57.27	38	3.06
1897	421.26	48.07	37	8.78
1898	425.53	56.30	32	7.52
Vizagapatam—				
1896	67.21	4.63	1	1.49
1897	71.61	3.11	1	1.40
1898	72.51	3.83	6	8.27
Calicut—				
1896	101.22	24.82	7	6.92
1897	94.01	26.36	21	22.84
1898	82.28	15.12	8	9.72
Total ..				
1896 ..	592.38	86.72	45	7.77
1897 ..	586.88	77.54	59	10.06
1898 ..	580.32	75.25	45	7.93

10. Tubercle of the lungs, which had almost disappeared in 1897, is again shown as the cause of admission to hospital in a large number of cases. There was an increase over the previous year in daily average of sick in the Madras Asylum, while the number of deaths was less. In the Vizagapatam Asylum, the daily average of sick remained almost stationary, while the number of deaths rose from one in each of the two previous years to six in 1898. The deaths, however, appear to have been due

to unavoidable causes, and the comparatively high death-rate cannot be considered to reflect any discredit on the medical administration of the asylum. There was a marked and satisfactory decrease both in sickness and mortality in the Calicut Asylum, and three out of the eight deaths which occurred there were due to advanced age.

11. Beyond an outbreak of chicken-pox in the Madras Asylum, from which there were no deaths, all three asylums were free from epidemics.

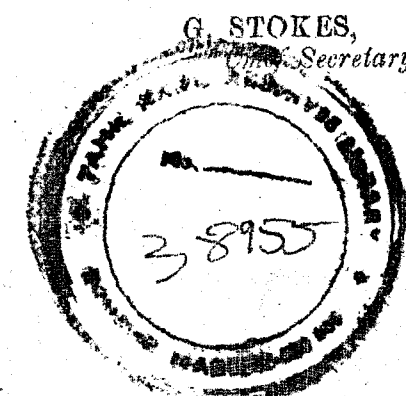
12. *Finance including Manufactures*.—The following table compares the total cost of, and the cost per head of average strength in, each of the three asylums in the years 1897 and 1898 :—

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.
1897	Rs. 66,854	Rs. A. P. 158 11 3	Rs. 5,917	Rs. A. P. 52 10 1	Rs. 10,845	Rs. A. P. 115 5 9
1898	70,207	164 15 10	6,020	53 0 5	10,275	124 14 1

There was an increase in the average cost per head in all three asylums, and in the total cost in the Madras and Vizagapatam Asylums. The increase at Madras was due to enhanced establishment charges, to the purchase of large stocks of diet articles and bedding, and to the payment of bills for medical stores supplied in 1897. The increase at Vizagapatam is hardly noticeable, and that at Calicut was due mainly to the purchase of weaving materials, and to the payment for medicines supplied in the previous year. At Madras there was a slight decrease in the number of paying patients. There was a satisfactory increase in the profits from manufactures in all three asylums, the average profit per head at Madras being more than double that of 1897. Gardening operations at Madras also showed a considerable advance. With reference to the remarks made in last year's review regarding Sunday labour in the Madras Asylum, the Surgeon-General has since explained that no work is carried out on Sundays beyond watering and weeding the gardens, which is not laborious, but gives pleasant occupation to the inmates, who would otherwise be idle.

13. *General*.—The report, on the whole, is again satisfactory. The death of Assistant Surgeon Judge was noticed with regret, and his valuable services to the Madras Asylum were acknowledged, in the review of the report for 1897. The Government is glad to learn that the asylum has been provided with an efficient successor in Senior Assistant Surgeon White, and notes with satisfaction the favourable remarks made by the Surgeon-General on the conduct and work of other subordinates in all three asylums.

(True Extract.)



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