

From

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To

THE SECRETARY TO GOVERNMENT,
HEALTH DEPARTMENT,
MADRAS.

[Annual Accommodation Report—Government Mental Hospitals, 1951.]

I forward herewith the Annual Report on the working of the Mental Hospitals at Madras, Waltair and Kozhikode, for the year ending 31st December 1951.

2. *Administration.*—The Mental Hospital at Madras was in charge of Dr. A. S. Johnson, B.A., M.B.B.S., M.B.C.P. (Edin.), F.I.P.S. The post of Superintendent in the Mental Hospital, Waltair, was held by the late Dr. N. V. Subramanyam, M.B.B.S., F.I.P.S., from 1st January to 12th September 1951 and by Dr. P. Ramachandrarao, M.B.B.S., from 20th October 1951 to the end of the year, while Dr. K. Sanyasi Rao, D.M. & S., was in charge of the duties of Superintendent from 13th September to 19th October 1951. The post of Superintendent at the Mental Hospital, Kozhikode, was held by Dr. K. Rama Menon, F.B.C.S., from 1st January to 12th June 1951, Dr. P. Madhavan, the Assistant District Medical Officer, Malabar, held the post of Superintendent, from 13th to 14th June 1951 while Dr. C. Raman, M.B.C.S. (Eng.) L.B.C.P. (Lond.), was in charge from 14th June 1951 to the end of the year under report.

3. *Accommodation.*—The accommodation for patients in the three mental hospitals was as follows:—

Name of the hospital.	Sanctioned accommodation.	Average daily population.	Maximum on one day in 1951.
Madras	888	1,881.28	1,923
Waltair	164	255.03	268
Kozhikode ..	364	546.00	574

The daily average population in the Mental Hospital, Madras, for the year was 1,881.28 (1,336.49 males and 444.79 females) as against the daily average population of 1,889.95 in the previous year. The daily average strength of the Mental Hospital, Waltair, during the year was 255.03 (192.50 males and 62.53 females) as against 257.97 in 1950. The daily average strength of the Mental Hospital, Kozhikode, during 1951 was 546 (403 males and 143 females) as compared with the daily average strength of 524 in 1950.

The total admissions during the year were 1,236 as against 1,133 admissions in the previous year.

STATEMENT I.

4. *Population.*—The total population of the three Mental Hospitals at Madras, Waltair and Kozhikode during the year under report was 3,907 (2,806 males and 1,101 females) as against 3,864 (2,793 males and 1,061 females) in the previous year. The number of patients that remained at the commencement of the year was 2,671 (1,913 males and 758 females) as against 2,721 (1,998 males and 723 females) in 1950.

The daily average number of patients in all the three mental hospitals during the year was 2,682.31 (1,931.99 males and 750.32 females) as compared with 2,671.92 in the previous year.

Of the total number of patients treated during the year, 321 were cured, 376 improved, 116 not improved, 78 discharged otherwise and 332 died.

The following statement shows the percentage of patients 'cured' and 'died' to the daily average strength and the percentage of the 'cured' and 'died' to the new admissions:—

Cases.		1951.	1950.
1 Daily average strength	.. ..	2,682.31	2,671.92
2 Admissions during the year	.. ..	1,236	1,133
3 (a) Percentage (daily average)—			
(i) Cured .. ..	.. ..	11.92	13.77
(ii) Died .. ..	.. ..	12.38	11.40
(b) Percentage (new admissions)—			
(i) Cured .. ..	.. ..	27.76	16.42
(ii) Died .. ..	.. ..	6.20	7.33

STATEMENT II.

5. *Cases admitted for observation.*—During the year under report, 408 cases were observed in the three mental hospitals; of these, 385 were certified and admitted into the hospital, while 9 were released as uncertifiable, 8 died in the hospital and 8 continued to remain under observation at the end of the year.

STATEMENT III.

6. *Criminal cases.*—Forty-four criminal mental cases were admitted into the Mental Hospital at Madras during the year as against 42 cases admitted during 1950. There was no admission in the Mental Hospital at Waltair. Only one criminal mental case was admitted in the Mental Hospital at Kozhikode and it was discharged subsequently. The number of criminal patients which remained in Mental Hospital, Madras, at the end of the year was 246 as against 276 in 1950.

STATEMENT IV.

7. *Classes.*—Of the total number of 1,236 patients admitted during the year in all the three mental hospitals, 14 were Europeans and Anglo-Indians, 84 Indian Christians, 1,018 Hindus, 114 Muslims and 6 belonged to other castes.

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STATEMENT V.

8. *Ages of patients admitted.*—Of the 1,236 patients admitted during the year, 104 were below 20 years of age as against 88 in the previous year, 789 patients between 20 and 40 years, as compared with 731 in 1950. Three hundred and seven between 40 and 60 years as against 282 during last year while 36 patients were over 60 years of age as against 32 in the previous year. As usual, the largest number of patients admitted was between ages 20 and 40 years.

STATEMENT VI.

9. *Types of insanity.*—This statement shows the distribution of cases according to the various types of insanity. The principal types of insanity were schizophrenia including dementia præcox, mania, Manic depressive insanity, arteriopathic and senile psychosis, Epilepsy and epileptic insanity, acute confusional insanity, etc.

STATEMENT VII.

10. *Causes of insanity.*—This statement gives an account of the causes of insanity among the patients admitted during the year.

STATEMENT VIII.

11. *Finance—Receipts and expenditure.*—The total receipts including those from paying patients in all the three mental hospitals during the year under report amounted to Rs. 16,61,825-3-3 as against Rs. 16,55,361-9-8 during the previous year. The following statement indicates the variations under the main heads of expenditure:—

	1951.	1950.
	RS.	RS.
Establishment charges	5,50,572	5,11,168
Superintendence	12,539	24,516
Diet	7,13,179	8,01,957
Clothing and bedding	25,655	26,251
Contingencies	42,711	52,553
Rates and taxes	15,221	22,338
Miscellaneous	75,435	75,609

12. *Treatment.*—Treatment is given to patients on new lines in the Mental Hospital, Madras. Insulin shock had been tried in the past in this institution at the subcoma stage. From the beginning of 1951, regular Insulin shock therapy extending over two and half months has been systematically tried in various cases of schizophrenia and in some other types of mental disorders. Out of 63 cases (44 males and 19 females) 15 males and 8 females recovered and 16 males and 7 females improved and the rest not improved. At a time, about 10 males and 5 females have been under treatment throughout the year. The long duration of the treatment restricts the possibility of handling more cases at a time. The recovery rate has been over 33 per cent.

In manic depressive psychosis, there is a benefit if Antuitrins is tried especially when the cases are associated with sterility or frequent abortions and lack of potency. In all cases, Insulin shock treatment is most beneficial in making the patients to regain insight and to augment his general health. It has to be followed up with psycho-analysis. Other methods of treatment with drugs and endocrine products are being tried extensively. Continuous narcosis treatment is also being given in certain cases. Pentothal analysis is tried wherever neurosis cases are found to resist the usual analysis. Two Western patients—one British and one American female patient—were admitted and both recovered rapidly under the treatment.

In the Mental Hospital, Waltair, all patients were treated for their mental condition with non controversial methods such as Insulin shock, Electric convulsive therapy, Hydro-therapy, continuous Narcosis, Psycho-therapy and modified Narco-analysis and re-education

with encouraging results. Insulin shock is being given more extensively in cases of schizophrenia and in early cases particularly the results are gratifying.

All cases of syphilis were given the usual anti-syphilitic treatment with fairly good response. Some of the cases requiring special treatment for their physical or mental condition were treated with intravenous injections of sea-water, neutral iodine, mag-sulph solution and vitamins with glucose, at regular intervals with good results.

In Mental Hospital, Kozhikode, the treatment is confined to Hygiene therapy and injection of certain drugs like potassium iodide, Mag-sulph, sea-water, vitamins, etc., and Insulin shock therapy. Though Electric convulsive therapy would have been valuable adjunct to the treatment with drugs, it can be had only when the Institution is electrified.

13. *Deaths and mortality.*—The number of deaths in all the three mental hospitals was 332 (249 males and 83 females) as against 307 (240 males and 67 females) during the previous year. The percentage of deaths to the daily average strength was 12.38 as against 11.49 in 1950.

14. *Accidents and injuries.*—In Mental Hospital, Waltair, only there were eleven cases of minor injuries sustained by patients either by falling down in a fit accidentally or by quarrelling with each other. In the mental hospitals at Madras and Kozhikode, there were no instances of serious bodily injuries being inflicted by one patient to another.

15. *Escapes.*—In Mental Hospital, Madras, four patients escaped and as they could not be traced they were treated as discharged under section 36 of the Ind an Lunacy Act. In the Mental Hospital, Waltair, there were seven escapes during the daytime. Three patients were brought back by the staff of the hospital and four patients were treated as discharged. There was no escape in the Mental Hospital, Kozhikode.

16. *General hygiene of the patients.*—The general hygiene of the patients in all the three mental hospitals was satisfactory.

17. *Water-supply—Madras.*—Red Hills tap water was used for all drinking and cooking purposes. Well water was used for cleaning and gardening purposes. The unsatisfactory condition of the pipe lines was brought to the notice of the Public Works Department to stop the leakages in underground pipe lines. Water facilities must be improved.

Waltair.—This hospital has two storage tanks which can be fed both by the bore-well of this hospital and the municipal main. The bore-well is a perennial source of abundant supply of water even during the hottest part of the year. This hospital has a vegetable garden grown by patients with waste water and the yield is consistent with the quantity of waste water available for use. Gardening also is one of the occupations for the patients. If an adequate supply of water could be ensured, not only all the suitable patients could be assured of an out-door occupation but also make this hospital self-sufficient for vegetables. The construction of another bore-well was sanctioned but not yet taken up.

Kozhikode.—As usual, water was obtained from Mananchera tank in the town by engaging Public Works Department lorry during the hot season. The question of adequate water-supply can be solved only when the municipal water-supply scheme materialises.

18. *Drainage and conservancy.*—The underground drainage of the Mental Hospital, Madras, has been almost completed by the Public Works Department during the end of the year. Every precaution was taken to maintain the high standard of sanitary condition of the hospital. The drainage systems in the other two hospitals were satisfactory. The conservancy system in the Mental Hospital, Waltair, is not satisfactory. It requires modern septic tank latrines for common use during daytime and

cage latrines one for each cell for use during lock up time to discourage indiscriminate squatting by the patients. The night soil is collected and made over to the Municipal conservancy staff for disposal.

19. *Industries and employment—Madras.*—It has been found necessary to introduce occupation centres to meet the inclinations of the various types of population accommodated here. Occupation therapy was started on a large scale with weaving, binding, printing, carpentry, etc. Five male patients and one female patient have been appointed as patient attendants during the year and they are discharging their duties satisfactorily. The Binding section has been expanded and the Hospital is undertaking orders from all City State Hospitals and Stanley Medical College, Madras, for binding case sheets, periodicals and old books. Carpentry and Weaving Sections have also expanded by increasing looms and more patients are at work. Gardening also expanded but the progress is not much due to lack of water. If the existing wells are fitted up with pumps and some bore wells are given as planned, the yield would be great. Masonary work, cleaning of the whole area and general up-keep were all done by patients.

Waltair.—The principal occupations in this Hospital were agriculture sheep rearing, spinning, weaving and gardening work. A Carpentry Section has been added and a carpentry instructor has been asked for. Suitable women patients were also encouraged to learn spinning. Lace work and hand stitching were newly introduced in the women's section.

Kozhikode.—The chief remunerating industries were weaving, vegetable cultivation, tailoring, coir making, carpentry and embroidery. As usual some selected patients were employed for the work in kitchen for drawing water, gardening and carpentry.

20. *Amusement and Physical Training—Madras.*—In the recreation centre opened with the three badminton courts, one volley ball court, one tennis Court patients take part in out-door games or in in-door games like Carroms, Ping-pong, etc. The female patients also have their recreation centre which is being expanded on similar lines. At times one of the Badminton Courts, situated near the Nurses' quarters is utilized by them. Patients have their recreation in the morning between 8 and 9. Recreation as such affords opportunities for the patients who have been for the large part of their living within the limits of the compound to relieve their internal tensions by sublimating them in active games or in attending to music. Many cinema theatres like Wellington, Roxy, Sagar, Sun, Broadway, Star and New Elephinstone have been good enough to permit the patients of this hospital to attend the shows free of cost. The American Information and the British Information Services have helped the patients with frequent picture shows in the Hospital, L.E.M. School Girls, Girl guides and Toc. H. group of young men gave entertainments for the benefit of the mental patients during the year. In addition to this the patients were periodically taken out for drives and picnics and also on special occasions to exhibitions. Recently a bus cum Ambulance has been obtained for this hospital for taking patients on picnics, etc. The annual sports of the Hospital was held on Monday the 29th January 1951. Her Highness the Maharani Sabeba of Bhavanagar presided and distributed the prizes.

Waltair.—A recreation club was opened in October 1951 for the benefit of the patients. The lecture hall is also used for this purpose. The club is opened till 8-30 in the night, and it is pleasing to see the patients spending the time happily and hearing the Radio or playing some in-door games or reading periodicals. Out-door games like Badminton and Volley ball have been popular. The proprietors of Saraswathi, Purna and 'Select Talkies' were allowing the patients to the shows freely. With the help of the hospital van patients were sent frequently for excursions. The patients were entertained by the members of the local London Mission Church.

Kozhikode.—Considerable number of patients are enjoying their daily games of Badminton, Carrom, Tenuquoit and Ping-pong. Annual Sports were held during the year by subscriptions from the philanthropic persons and prizes were distributed to the successful patients.

21. *Religious Ministration.*—Religious ministrations were rendered in the Mental Hospital, Madras, by a Rev. P. B. David of the Church of South India and the Catholic Priests from Perambur. Facilities for religious observance were provided for, in all the three hospitals as usual.

22. *Visitors.*—The usual monthly Visiting Committee of the Government Mental Hospital, Madras, was attended by official and non-official visitors. Dr. K. Norris, Public Health Nursing Professor, Vellore, Srimathi V. T. Lakshmi, Vigilance Officer, Certified Schools, Mayor Gross, M. D., F.R.C.P. (Lond.), Officer, World Health Organization and Dr. R. Barbot, Chief Medical Officer, Pondicherry, visited this institution. They were very much impressed with the working of this institution particularly with the occupational and other facilities for the recreation of the patients.

The monthly inspection of the Mental Hospitals, Waltair and Kozhikode were conducted regularly during the year.

23. *Literary activities.*—Patients were provided with newspapers and the patients in the Mental Hospital, Madras, were allowed to use the books in the library.

24. *Buildings.*—Periodical repairs to the hospital buildings were not carried out satisfactorily. Hence the minor and urgent repairs were carried out departmentally by mental patients as part of the occupation therapy in the Mental Hospital, Madras.

Waltair.—A Dressing Room had been constructed for the use of patients. The Spinning Room at this hospital has been constructed during the year.

25. *Training of mentally defective children.*—There is a separate block in the Mental Hospital, Madras, for the training of mentally defective boys under the guidance of a teacher.

26. *Out-patient department.*—An out-patient department which was started in the year 1949 in the Mental Hospital, Madras, was working very satisfactorily during the year under report. Patients who attend are mostly early mental cases or those suffering from Psycho-neurotic conditions and anxiety states. An analysis of the cases treated in the out-patients department is given below:—

	Number of patients treated during 1951.		
	Male.	Female.	Total.
Manic depressive psychosis ..	20	14	34
Schizophrenia	118	66	184
Epilepsy	23	11	34
Psycho-neurosis	36	9	45
Senility	1	7	8
Mental defects	15	14	29
Toxic Psychosis	1	2	3
Neuro-syphilis	2	1	3
Total ..	216	124	340

During the year under report 156 mental cases were treated in the out-patient department of the King George Hospital, Visakhapatnam, where there is a Psychiatric Clinic for borderline cases. The Superintendent, Mental Hospital, Waltair, visits this clinic once a week. From the experience of this clinic it is observed that there were several patients of Neurotic and Psycho-neurotic cases who were helped out of their troubles and were made to get back into their jobs without being admitted into the

Mental Hospital. It is also worth mentioning that an out-patient department in the Mental Hospital, Waltair, itself will have to be opened for the benefit of treating borderline cases when the long term improvements to the hospital fructify.

27. *Welfare Section.*—The Welfare Section of the Mental Hospital, Madras, continued to function successfully. Two hospital social workers from Red Cross Society were actively employed in assessing the defects of these patients. Training is also given in this hospital to some of the people belonging to the Red Cross in the methods of assessing the relative importance of environmental condition in the development of the personality of the patients in question.

A card index system is maintained to help the relatives and visitors to get all information about the patients

without delay. Finished products from occupation centres are exhibited and offered for sale.

28. *Verification of stock registers and service books.*—The verification of the stock registers and service books of the staff of the three mental hospitals was carried out for the year 1951.

29. *General.*—Two fellows of the Indian Psychiatric Society, Dr. A.S. Johnson and Dr. N. Ekambaram attended the third Annual Conference held at Bangalore, during the first week of January 1951, along with the Indian Science Conference. Dr. A. S. Johnson read an original paper on "Schizophrenia".

The administration of the three mental hospitals was carried out satisfactorily during the year under report by the Superintendents of the respective hospitals.

Yours faithfully,
P. ARUNACHALAM,
Director of Medical Services.

MENTAL HOSPITALS IN THE MADRAS STATE, 1951

ANNEXURE.

STATEMENT I.—Showing the admissions, discharges, etc., of lunatics during the year 1951 and the State totals for the two previous years.

STATEMENT II.—Showing cases admitted for observation into the Mental Hospitals during 1951 and State totals for the two previous years.

STATEMENT III.—Return of criminal lunatics in the Mental Hospitals in the Madras State for the year 1951 and the State totals for the two previous years.

STATEMENT IV.—Return showing religion, sex and residence of patients in the Madras State during the year 1951 and the State totals for the two previous years.

STATEMENT V.—Return showing the ages of patients admitted into the Mental Hospitals in the Madras State during the year 1951 and the State totals for the two previous years.

STATEMENT VI.—Statement showing the form of mental disorder in the admissions, discharges, recoveries and deaths during the year ending 31st December 1951.

STATEMENT VII.—Statement showing the probable causes of insanity in the patients admitted in the Mental Hospitals in the Madras State during the year ending 31st December 1951.

STATEMENT VIII.—Statement showing the cash account in the Mental Hospitals in the Madras State for the year 1951.

STATE

Statement showing the admissions, discharges, etc., of lunatics in the Mental hospitals in the

(1)	Remaining at the beginning of the year.			Admitted.			Re-admitted.			Total population.			Discharged.												Died.					
													A			B			C			D								
													Cured.			Transferred to friends.			Other-wise.			Total.								
																Improved.												Not improved.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.						
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)							

MAD

Compulsory ..	1,107	408	1,515	230	79	309	23	124	1,360	438	1,848	85	12	97	58	31	89	25	15	40	28	8	36	190	66	262	125	38	163
Voluntary boarders ..	219	157	376	327	159	496	..	..	546	316	862	81	19	100	108	80	188	36	23	64	5	4	9	230	131	361	37	20	57
Total, 1951 ..	1,326	565	1,891	557	238	795	23	124	1,906	804	2,710	166	31	197	166	111	277	61	48	104	13	12	45	426	197	623	162	58	220

The capacity of the Mental Hospital, Madras, at 60 square feet per European patient equals { Males .. 85
Females .. 102
Total .. 187
The capacity of the Mental Hospital, Madras, at 45 square feet per Indian patient equals { Males .. 546
Females .. 165
Total .. 711

WAL

Compulsory ..	195	61	256	110	37	147	1	2	3	329	108	437	52	19	71	41	16	57	5	4	9	4	..	4	102	39	141	40	12	52	..
Voluntary boarders ..	..	..	..	20	7	27	3	1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, 1951 ..	195	61	256	130	44	174	4	3	7	329	108	437	52	19	71	41	16	57	5	4	9	4	..	4	102	39	141	40	12	52	..

The capacity of the Mental Hospital, Walait, at 50 square feet per Indian patient equals { Males .. 129
Females .. 35
Total .. 164

KOZH

Compulsory ..	239	131	530	134	44	178	39	9	48	552	184	746	44	8	52	34	6	40	2	3	17	9	26	98	23	121	46	13	59
Voluntary boarders ..	3	1	4	5	4	9	1	1	1	9	5	14	..	1	1	..	2	2	..	..	2	1	3	2	4	6	1	..	1
Total, 1951 ..	242	132	534	139	48	187	40	10	49	571	189	760	44	9	53	34	8	42	2	3	19	10	29	100	27	127	47	13	60

The capacity of the Mental Hospital, Kozhikode, at 50 square feet per Indian patient equals { Males .. 274
Females .. 90
Total .. 364

STA

Total, 1951 ..	1,913	758	2,671	828	330	1,158	67	13	2,806	1,101	3,907	202	59	321	241	135	376	69	47	116	56	22	78	623	283	891	249	83	332
Total, 1950 ..	1,906	723	2,629	723	329	1,057	67	9	2,798	1,061	3,854	271	97	368	204	99	203	110	21	131	55	19	74	640	326	876	240	67	307
Total, 1949 ..	1,940	696	2,636	732	312	1,044	37	11	2,768	1,019	3,787	311	118	429	187	88	275	87	11	48	72	22	94	607	239	846	168	57	220

MENT I.

Madras State during the year 1951 and the totals for the two previous years.

Remaining at the end of the year.	Daily average strength.			Daily average sick.			Percentage of							
							Daily average strength.				Admissions.			
							A.		B.		C.		D.	
							Cured.		Died.		Cured.		Died.	
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.

BAS.

1,038	334	1,422	1,336	423	544	700	1,881	23	195	275	71	850	267	125	12	42	5	69	10	47	12	13	10	6	11	69	23	62	12	93	24	05	7	38	4	47	6	8
279	165	444	1,336	423	544	700	1,881	23	195	275	71	850	267	125	12	42	5	69	10	47	12	13	10	6	11	69	23	62	12	93	24	05	7	38	4	47	6	8
1,317	549	1,866	1,336	423	544	700	1,881	23	195	275	71	850	267	125	12	42	5	69	10	47	12	13	10	6	11	69	23	62	12	93	24	05	7	38	4	47	6	8

The maximum number of patients confined during any one night was on 15th March 1951, viz.—
Males .. 1,367
Females .. 566
Total .. 1,933

Recoveries on new admissions 94
Deaths on new admissions 12
Total .. 106

TAIR.

187	57	244	192-50	62-53	255-03	25-06	9-14	34-20	27-01	30-38	27-84	20-78	19-19	19-61	40-30	38-30	39-78	8-21	6-38	7-73
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
187	57	244	192-50	62-53	255-03	25-06	9-14	34-20	27-01	30-38	27-84	20-78	19-19	19-61	40-30	38-30	39-78	8-21	6-38	7-73

The maximum number of lunatics confined during any one night was on 9th April 1951, viz.—
Males .. 204
Females .. 64
Total .. 268

Recoveries on new admissions 54
Deaths on new admissions 11
Total .. 65

KODE.

418	148	566	}	408°0	143°0	548°0	101°0	55°0	156°0	11°0	6°0	10°0	12°0	9°0	11°0	11°0	4°0	9°0	4°0	4°0	4°0	4°0
6	1	7																				
424	149	573		403°0	143°0	548°0	101°0	55°0	156°0	11°0	6°0	10°0	12°0	9°0	11°0	11°0	4°0	9°0	4°0	4°0	4°0	4°0

The maximum number of lunatics confined during any one night was on 12th November 1951, viz.—
Males .. 428
Females .. 148
Total .. 576

Recoveries on new admissions 19
Deaths on new admissions 7
Total .. 26

TEL.

1,929	755	2,683	1,931	99	750	82	2,682	31	321	34	135	99	467	32	13	56	7	66	11	92	12	88	11	07	12	38	21	71	17	37	27	76	6	71	4	95	6	20
1,918	758	2,671	1,934	51	757	41	2,671	92	310	26	138	30	448	56	14	00	13	15	13	77	12	41	9	09	11	49	16	86	13	38	16	42	7	80	6	21	7	23
1,906	723	2,629	1,937	14	714	58	2,701	72	341	32	118	23	460	05	15	55	16	50	15	99	8	20	7	47	8	14	23	02	19	55	22	03	6	52	4	80	6	03

ANNUAL ADMINISTRATION REPORT OF THE

STATEMENT II.

Statement showing the cases admitted for observation into the Mental Hospitals during the year 1951 and the State totals for the two previous years.

Name of the hospital.	Year.	Remained on 1st January 1951.	Admitted.	Re-admitted.	Certified and re-admitted into the hospital.	Certified and released under section 14 of Act IV of 1912.	Released as uncerifiable.	Died.	Remaining on 31st December 1951.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Madras ..	1951 ..	4	202	..	194	..	3	5	4
Waltair ..	1951 ..	..	107	..	104	..	4	..	..
Kozhikode ..	1951 ..	..	67	25	87	..	2	1	2
Total for 1951 ..		4	376	25	385	..	9	6	6
Total for 1950 ..		8	239	28	318	..	7	1	4
Total for 1949 ..		2	371	19	379	1	8	1	8

STATEMENT III.

Return of criminal mental patients in the Mental Hospitals in the Madras State for the year 1951 and the totals for the two previous years.

Name of the hospital.	Year.	Remained at the beginning of the year.			Admitted.			Re-admitted.			Total.		
(1)	(2)	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Madras ..	1951 ..	250	26	276	88	6	44	..	..	..	288	32	320
Waltair ..	1951 ..	..	..	..	..	1	1	..	..	..	..	1	1
Kozhikode ..	1951 ..	..	..	..	..	..	..	..	..	..	..	..	..
Total for 1951 ..		250	26	276	88	7	45	..	..	..	288	33	321
Total for 1950 ..		274	26	300	89	8	42	..	..	..	318	29	342
Total for 1949 ..		271	28	299	48	2	50	..	..	..	319	30	349

Discharged, transferred, etc.			Died.			Remaining at the end of the year.			Daily average strength.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
Madras ..	1951 ..	44	8	47	28	4	27	221	25	246	232.21
Waltair ..	1951 ..	..	..	..	..	..	..	..	..	..	28.04
Kozhikode ..	1951 ..	..	..	..	..	..	..	..	..	..	26.05
Total for 1951 ..		44	8	48	28	4	27	221	25	246	232.21
Total for 1950 ..		58	1	54	10	2	12	250	26	276	245.79
Total for 1949 ..		30	4	34	15	..	15	274	28	300	278.06

STATEMENT IV.

Return showing the religion, sex and residence of patients admitted into the Mental Hospitals in the Madras State during the year 1951 and the totals for the two previous years.

District.	Christians.			Europeans and Anglo-Indians.			Indians.			Hindus.			Muslims.			Other castes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Compulsory boarders—																					
Madras ..	4	4	8	11	3	14	128	56	184	20	4	24	..	..	..	..	..	..	168	67	235
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madurai ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tiruchirappalli ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pondicherry ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Godavari, West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bellary ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cochin ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kuranoor ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tirunelveli ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madurai ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Visakhapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ramanathapuram ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Andamans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pudukkottai ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
East Godavari ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
The Nilgiris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vijayawada ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	4	4	8	14	5	19	212	67	279	23	4	27	..	..	..	..	..	..	254	107	361

MENTAL HOSPITALS IN THE MADRAS STATE, 1951

STATEMENT IV—cont.

Return showing the religion, sex and residence of patients admitted into the Mental Hospitals in the Madras State during the year 1951 and the totals for the two previous years—cont.

District.	Christians.																				
	Europeans and Anglo-Indians.						Indians.			Hindus.			Muslims.			Other castes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS—cont.																					
Voluntary boarders—	3	2	5	8	13	21	153	79	232	17	9	26	..	..	..	181	108	289	..	..	..
Madras	..	..	..	1	1	2	7	6	13	..	..	..	..	..	..	8	7	15	..	..	..
Chingleput .. .	..	..	..	1	..	1	6	2	8	..	..	..	..	..	..	..	2	9	11	..	..
Salem	..	..	..	..	..	..	10	6	16	..	..	..	..	..	..	10	6	16	..	..	..
Arcot, North ..	..	..	..	1	1	2	1	..	1	..	..	..	..	..	..	2	1	3	..	..	..
Malabar	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Visakhapatnam ..	..	..	..	1	..	1	6	4	10	..	..	..	..	..	..	7	4	11	..	..	..
Tiruchirappalli ..	..	..	..	1	1	2	6	1	7	..	..	..	..	..	..	7	1	8	..	..	..
Tanjore	..	..	..	1	1	2	6	1	7	1	1	1	..	..	..	8	1	9	..	..	..
Arcot, South ..	..	..	..	..	..	..	18	4	22	..	..	..	..	..	..	18	4	22	..	..	..
Chittoor	..	..	..	..	..	..	10	8	18	..	..	..	..	..	..	10	8	18	..	..	..
Nellore	..	..	..	..	..	..	14	6	20	1	..	1	..	..	..	15	6	21	..	..	..
Kurnool	..	..	..	..	..	..	2	2	4	..	..	..	..	..	..	2	2	4	..	..	..
West Godavari ..	..	..	..	..	..	..	4	..	4	..	..	..	..	..	..	4	..	4	..	..	..
Bellary	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Coimbatore .. .	..	..	..	..	..	..	11	3	14	..	..	..	..	..	..	11	3	14	..	..	..
Cochin	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Guntur	..	..	..	1	2	3	4	2	6	..	..	..	..	..	..	5	2	7	..	..	..
Tirunelveli .. .	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	1	1	2	..	..	..
Madurai	..	..	..	..	..	..	4	1	5	..	..	..	..	..	..	5	1	6	..	..	..
Ramanathapuram ..	..	..	..	..	..	..	9	4	13	..	..	..	..	..	..	9	4	13	..	..	..
Ondupah	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Anantapur	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Pudukkottai .. .	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3	..	..	..
East Godavari ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
The Nilgiris .. .	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Vijayawada .. .	..	..	..	..	..	..	4	..	4	..	..	..	..	..	..	4	..	4	..	..	..
South Kanara ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	3	2	5	15	17	32	290	131	421	19	9	28	..	..	..	357	159	516	..	..	..
WALTAIR.																					
Compulsory boarders—	..	..	..	..	..	..	3	..	3	2	2	2	..	..	..	5	..	5	..	..	..
Bellary	..	..	..	..	..	..	2	1	3	..	..	..	..	..	..	3	..	3	..	..	..
Cuddapah	..	..	..	1	1	2	1	1	2	..	..	..	..	..	..	2	..	2	..	..	..
Godavari, East ..	..	..	..	..	..	..	8	1	9	1	1	1	..	..	..	10	2	12	..	..	..
Guntur	..	..	..	..	..	..	6	..	6	1	1	1	..	..	..	7	..	7	..	..	..
Krishna	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Kurnool	..	1	1	1	3	4	79	28	107	2	2	2	2	4	6	84	36	120	..	..	..
Visakhapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	1	1	4	5	100	30	130	8	8	8	2	4	6	111	39	150	..	..	..
Voluntary boarders—	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..
Anantapur	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2	..	..	..
East Godavari ..	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3	..	..	..
West Godavari ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Guntur	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	2	1	3	..	..	..
Krishna	..	..	..	..	..	..	1	..	1	1	1	1	..	..	..	4	1	5	..	..	..
Nellore	..	..	..	2	12	14	6	18	24	..	..	..	..	..	..	14	6	20	..	..	..
Visakhapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	2	2	4	20	28	48	1	1	1	..	..	..	23	6	29	..	..	..
KOZHIKODE.																					
Compulsory boarders—	..	..	..	5	6	11	84	29	113	39	6	45	..	..	..	123	41	164	..	..	..
Malabar	..	..	..	7	6	13	10	3	13	1	1	1	..	..	..	18	9	27	..	..	..
South Kanara ..	..	..	..	1	..	1	8	2	10	1	1	1	..	..	..	10	3	13	..	..	..
Coimbatore .. .	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	2	1	3	..	..	..
The Nilgiris .. .	..	..	..	1	1	2	11	1	12	2	2	2	..	..	..	14	3	17	..	..	..
Madurai	..	..	..	..	..	..	2	3	5	..	..	..	..	..	..	5	3	8	..	..	..
Oorng	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	2	1	3	..	..	..
Salem	..	..	..	..	..	..	1	1	2	1	1	1	..	..	..	4	1	5	..	..	..
Ramanathapuram ..	..	..	..	..	..	..	2	1	3	..	..	..	..	..	..	3	1	4	..	..	..
Tirunelveli .. .	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2	..	..	..
Total	..	..	..	14	13	27	121	39	160	44	6	50	..	..	..	179	37	216	..	..	..
STATAL.																					
Madras	7	6	13	29	23	51	502	198	700	42	13	55	..	..	..	560	239	799	..	..	..
Waltair	..	1	1	3	4	7	120	38	158	9	..	9	..	..	..	124	37	161	..	..	..
Kozhikode .. .	..	..	..	14	12	26	121	39	160	44	6	50	..	..	..	179	37	216	..	..	..
Total for 1951 ..	7	7	14	46	35	84	743	275	1,018	95	19	114	2	4	6	863	345	1,208	..	..	..
Total for 1950 ..	9	2	11	72	41	113	628	271	894	85	17	102	6	7	13	775	285	1,060	..	..	..
Total for 1949 ..	8	8	16	66	39	105	643	258	901	102	20	122	..	..	..	873	317	1,190	..	..	..

STATEMENT VI—cont.

Statement showing the form of mental disorder in the admissions, discharges, recoveries and deaths during the year ending 31st December 1951—cont.

	Remained on 31st December of the preceding year.			Admissions during the year.			Total.			Discharges.						Deaths.			Remaining on 31st December.		
										Recoveries.			Otherwise.								
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
KOZHIKODE.																					
1 Mental deficiency ..	31	1	34	2	1	3	33	4	37	..	..	2	..	2	..	..	..	31	4	35	
2 Maniac depressive insanity ..	19	22	41	6	16	22	25	38	63	1	..	1	4	1	5	..	..	20	37	57	
3 Mania ..	118	34	152	71	7	78	189	41	230	25	5	30	19	3	22	18	8	26	127	25	152
4 Melancholia ..	28	9	37	2	..	2	30	9	39	3	..	3	4	1	5	4	1	5	19	7	26
5 Schizophrenia including dementia praecox.	125	22	147	72	23	95	197	45	242	6	2	8	19	10	29	18	2	20	154	31	185
6 Secondary dementia ..	6	8	14	..	..	..	6	8	14	..	..	..	..	..	..	..	..	6	8	14	
7 Paranoia and paranoid states.	7	3	10	..	..	..	7	3	10	..	..	..	..	..	..	3	..	3	4	3	7
8 Epilepsy and epileptic insanity.	19	4	23	5	1	6	24	5	29	..	..	..	1	..	1	..	1	1	23	4	27
9 Hysteria ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9 Toxic psychosis—																					
(a) Acute confusional insanity	12	5	17	6	..	6	18	5	23	1	(a)	2	..	2	1	..	1	14	5	19	
(b) Alcoholic psychosis.	1	1	2	..	..	..	1	1	2	..	..	..	..	..	..	..	..	1	1	2	
(c) Cannabis Indica psychosis.	3	..	3	1	..	1	4	..	4	..	..	..	..	..	..	1	..	1	3	4	
(d) Of endocrine origin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(e) In relation to child-bearing.	..	14	14	..	3	3	..	17	17	..	2	..	1	1	..	..	..	..	14	1	
(f) In relation to other constitutional diseases.	2	1	3	1	..	1	3	1	4	..	..	..	..	..	..	..	..	3	1	4	
10 Organic psychosis—																					
(a) General.	..	..	7	1	..	1	8	..	8	1	..	1	..	..	..	..	..	7	..	7	
(b) Cerebral syphilis.	10	2	12	4	3	7	14	5	19	2	..	2	2	..	2	2	1	3	8	4	
(c) Arterio-pathic and senile psychosis.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(d) Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(e) Other cerebral lesions.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
11 Neurosis and psychoneurosis.	4	4	8	6	..	6	10	4	14	5	..	5	2	..	2	..	..	3	4	7	
12 No appreciable disease.	..	..	..	1	2	3	1	2	3	..	..	..	2	3	..	..	..	..	..	..	
13 Not yet diagnosed (discharged before certification).	..	..	..	1	1	2	1	1	2	..	..	..	..	..	..	..	..	1	1	2	
14 Psychopathic personality.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total ..	392	132	524	179	57	236	571	189	760	9	53	56	18	76	47	13	60	424	140	564	

* NOTE.—Four observation cases are excluded from this statement and 4 observation cases remaining at the end of 1950 have been included in this statement.

	STATE.																			
1 Mental deficiency ..	176	79	255	19	9	28	195	88	23	4	1	5	12	3	9	9	18	170	77	247
2 Manic depressive insanity.	112	54	166	47	89	86	159	93	252	23	11	86	1	3	19	9	7	16	109	72
3 Mania ..	367	66	433	298	74	367	660	140	800	23	23	75	1	119	57	17	74	410	54	464
4 Melancholia ..	62	17	79	6	1	7	68	18	86	5	1	1	1	9	6	1	7	49	15	64
5 Schizophrenia including dementia praecox.	762	272	1,034	368	141	599	1,180	418	1,548	102	22	124	156	98	254	92	25	117	780	368
6 Secondary dementia ..	7	35	42	..	..	..	7	35	42	..	..	..	..	..	..	..	..	7	35	42
7 Paranoia and paranoid states.	57	17	74	2	..	2	59	17	76	1	..	1	..	..	..	3	..	8	55	72
8 Epilepsy and epileptic hysteria.	124	46	170	48	9	51	166	55	221	5	..	5	24	7	31	30	7	37	107	41
9 Toxic psychosis—	..	..	..	..	3	8	..	8	8	..	2	2	..	1	1	..	..	..	..	..
(a) acute confusional insanity.	28	20	48	16	15	31	44	35	79	7	3	10	5	10	15	5	6	11	27	16
(b) Alcoholic psychosis.	14	9	23	..	..	..	14	9	23	..	..	..	..	..	..	1	..	1	14	9
(c) Cannabis indica psychosis.	78	..	73	2	..	2	75	..	75	..	..	..	..	..	..	..	..	76	..	73
(d) Of endocrine origin.	4	2	6	..	2	2	4	4	8	..	2	2	..	..	..	..	1	1	4	1
(e) In relation to child-bearing.	..	55	58	..	7	7	..	62	62	..	2	2	..	2	2	..	..	..	..	58
(f) In relation to other constitutional diseases.	26	8	34	2	..	2	28	8	36	..	..	..	..	1	1	..	..	28	7	36
10 Organic psychosis—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(a) General.	8	6	9	16	..	16	19	6	25	3	..	3	4	1	5	11	1	12	1	4
(b) Cerebral syphilis.	11	..	11	18	1	19	29	1	30	1	..	1	5	1	5	10	1	11	13	18
(c) Arteriosclerotic and senile psychosis.	30	54	84	21	34	55	61	88	139	4	1	5	11	16	27	10	8	18	26	63
(d) Encephalitis.	4	..	4	..	..	..	4	..	4	..	..	..	..	..	..	1	..	1	3	1
(e) Other cerebral lesions.	3	1	4	..	..	..	3	1	4	..	..	..	..	..	..	..	..	3	3	4
11 Neurosis and psychoneurosis.	26	10	36	13	3	13	39	13	52	9	2	11	8	1	9	..	..	..	23	10
12 No appreciable disease.	16	1	17	16	8	19	32	4	36	16	2	18	1	2	3	..	..	..	15	..
13 Not yet diagnosed (discharged before certification).	2	6	8	12	2	14	14	8	22	3	1	4	..	..	5	..	5	6	7	15
14 Psychopathic personality.	5	..	5	..	..	..	5	..	5	..	..	..	..	..	..	..	..	..	5	..
Total ..	1,912	758	2,670	898	343	1,235	2,905	1,101	3,908	303	75	378	325	188	513	249	63	352	1,928	755

NOTE.—Four observation cases are excluded from this statement and four observation cases remaining at the end of 1950 have been included in this statement.

NOTE.—Four observation cases are excluded from this statement and 4 observation cases remaining at the end of 1960 have been included in this statement.

ANNUAL ADMINISTRATION REPORT OF THE

STATEMENT VII.

Statement showing the probable cause of insanity in the patients admitted in the mental hospitals in the Madras State during the year ending 31st December 1951.

	Predisposing causes.			Exciting causes.			Total.				Predisposing causes.			Exciting causes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																			
Mental stress—																			
Moral	23	1	24	64	..	64	87	1	88		..	..	..	50	14	64	50	14	64
Business worry	..	..	..	55	..	55	55	..	55		3	..	3	4	..	4	7	..	7
Domestic worry	19	27	46	20	53	82	48	80	128		46	14	60	49	8	57	95	22	117
Stress of military service	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
WALTAIR.																			
Toxins—																			
Cannabis indica	2	..	2	35	..	35	37	..	37		1	..	1	1	..	1	2	..	2
Alcohol	..	..	..	3	..	3	3	..	3		..	..	..	..	..	..	..	..	..
Other toxins	5	..	5	..	..	..	5	..	5		16	4	20	9	4	13	25	8	33
Physical	2	1	3	13	1	14	16	2	17		..	..	..	..	..	..	..	..	..
Opium	..	..	..	..	..	..	..	..	..		21	4	25	18	9	27	39	13	52
Bodily illness	35	7	42	1	15	16	36	22	58		..	..	..	..	..	..	..	..	..
Pregnancy	..	..	..	..	1	1	1	..	1		..	10	10	..	7	7	..	17	17
Child birth	..	2	2	..	5	5	..	7	7		..	4	4	..	4	4	..	8	8
Climacteric	..	7	7	..	19	19	..	26	26		2	..	2	..	..	..	2	..	..
Epilepsy	19	5	24	11	2	13	30	7	37		..	..	..	..	..	..	..	..	..
Head injuries	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Infections—																			
Encephalitis lethargica	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Influenza	13	9	22	3	..	3	16	9	25		5	1	6	2	..	3	8	1	9
Syphilis	..	..	..	..	..	..	..	..	..		1	1	2	..	1	1	2	3	3
Other infections	11	5	16	..	..	..	11	5	16		4	2	6	..	..	4	2	6	6
Old age	31	9	40	..	..	..	31	9	40		7	2	9	..	..	7	2	9	9
Hereditary predispositions	27	13	40	..	..	..	27	13	40		25	4	29	..	..	25	4	29	29
Previous attacks	..	..	..	..	..	..	137	179	316		3	1	4	..	..	3	1	4	4
Uncertain	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Total	235	116	351	221	116	337	562	235	797		134	47	181	124	47	181	265	94	359

STATE.

MADRAS.																			
Mental stress—																			
Moral	5	..	5	..	..	..	5	..	5		28	1	29	114	14	128			
Business worry	19	..	19	19	..	19	38	..	38		22	..	22	78	..	78			
Domestic worry	25	17	42	47	19	66	72	36	108		90	58	148	125	80	205			
Stress of military service	6	..	6	5	..	5	11	..	11		6	..	6	5	..	5			
TOXINS.																			
Canabie indica	..	..	..	..	..	..	..	..	..		3	..	3	36	..	39	..	39	39
Alcohol	..	..	..	..	..	..	..	..	..		5	..	5	..	..	5	..	5	5
Other toxins	..	..	..	..	..	..	..	..	..		18	5	23	22	5	27	40	10	50
Physical	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Opium	..	..	..	..	..	..	..	..	..		61	13	74	24	24	68	36	37	122
Bodily illness	5	2	7	5	..	5	10	2	12		..	3	3	..	4	4	..	7	7
Pregnancy	..	..	..	3	3	6	6	..	6		..	14	14	..	14	14	..	28	28
Child birth	..	..	..	2	2	4	4	..	4		..	11	11	..	23	23	..	34	34
Climacteric	..	..	..	..	..	..	..	..	..		27	7	34	17	4	21	44	11	55
Epilepsy	6	2	8	6	2	8	12	4	16		..	..	..	..	..	..	..	..	..
Head injuries	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
INFECTIOUS.																			
Encephalitis lethargica	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Influenza	4	..	4	4	..	4	8	..	8		22	10	32	10	..	10	32	10	42
Syphilis	..	..	..	..	..	..	..	..	..		1	1	2	..	1	1	2	3	3
Other infections	3	1	4	3	1	4	6	2	8		18	8	26	8	1	4	21	9	30
Old age	9	3	12	8	2	10	17	5	22		47	14	61	8	2	10	55	16	71
Hereditary predispositions	36	9	45	27	7	34	63	16	79		88	26	114	27	7	34	115	33	148
Previous attacks	61	18	79	55	21	76	116	39	155		133	49	182	165	45	213	238	97	335
Uncertain	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..
Total	179	87	266	179	87	266	366	114	479		509	220	729	637	227	864	1,306	447	1,753

MENTAL HOSPITALS IN THE MADRAS STATE, 1951.

STATEMENT VIII.

Statement showing the cash account of the mental hospitals in the Madras State for the year 1951.

Government Mental Hospitals.	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)				
	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.		
Madras	10,90,500	0 0	(a) 48,629	0 0	(b) 32,622	0 0	(c) 27,051	0 0	(d) 6,060	0 0	11,99,862	0 0
Waltair	1,88,500	1 2	2,418	0 0	(f) 1,887	10 0	6,163	15 4	(m) 390	3 8	1,48,859	14 2
Kozhikode	2,68,028	9 5	20,787	8 0	(p) 10,374	7 1	18,268	0 7	(g) 700	1 0	3,12,108	5 1
Total for 1951 ..	14,97,028	10 7	66,784	8 0	44,384	1 1	46,482	15 11	7,150	4 8	16,61,825	3 3
Total for 1950 ..	14,85,088	5 8	92,244	18 0	31,149	15 5	87,881	10 4	9,001	13 3	16,55,361	9 8
Total for 1949 ..	15,04,998	12 11	1,28,511	15 0	25,488	12 11	42,921	9 0	4,495	6 4	17,06,866	8 2

Charges.																
Establishment.			Contingencies.													
Establishment proper.	Superintendence.	Diet.	Clothing and bedding.	Patent medicines locally purchased.	Contingencies proper.	Repairs and maintenance.	Rates and taxes.									
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)									
RS.	A.	P.	RS.	A.	P.	RS.	A.	P.								
Madras	4,13,490	0 0	(a) 4,82,240	0 0	(f) 18,920	0 0	14,596	0 0	(g) 24,069	0 0	323	0 0	15,052	0 0		
Waltair	46,171	11 3	8,029	12 0	63,269	4 2	2,785	8 0	1,063	12 0	(m) 11,306	12 1	2,272	0 0	188	9 8
Kozhikode	84,910	8 0	4,509	9 0	(r) 1,07,669	14 10	(s) 3,949	4 8	..	..	(i) 7,384	12 10	99	4 0	..	..
Total for 1951 ..	5,50,572	3 3	12,539	5 0	7,13,179	3 0	25,654	12 3	15,658	12 0	42,710	8 11	2,769	4 0	15,239	9 8
Total for 1950 ..	5,11,168	1 0	24,515	9 0	8,01,957	4 0	26,250	13 8	87,052	3 3	52,252	13 6	2,577	9 9	22,383	4 0
Total for 1949 ..	4,09,973	15 0	21,923	4 0	8,99,805	12 11	21,977	9 6	16,583	11 0	73,325	3 6	6,991	8 0	14,011	2 8

Charges—cont.

	Book charges.						
	Remitted to treasury on account of paying patients.	Miscellaneous items.	Total of columns (8) to (17).	Charges for work done by Public Works Department.	Cost of printed forms and stationery.	Cost of English stores and medicines.	Total of columns (18) to (21).
	(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.
	(A) 40,699 0 0	{ (B) 55,579 0 0 12,325 0 0	10,73,772 0 0 12,325 0 0 = 9,899 12 4	(C) 55,741 0 0	(D) 4,787 0 0	..	{ 11,29,250 0 0 12,325 0 0 = 9,899 12 4
Madras	2,418 0 0	..	1,86,455 5 0	..	94 9 4	(E) 2,380 2 6	1,86,455 5 0
Waltair	(a) 21,545 6 0	(b) 7,766 9 7	2,09,835 4 6	(c) 9,887 5 7	140 0 0	2,740 11 0	2,12,108 5 1
Koshikode	7,5702 6 0	75,437 9 7	15,36,784 6 10	85,198 5 7	4,971 9 4	6,020 15 6	16,12,565 3 3
o Total for 1951	1,01,833 11 0	76,809 6 7	16,55,668 11 4	64,849 13 10	1,901 11 6	7,884 5 0	17,29,001 9 8
Total for 1950	1,23,512 9 0	78,755 12 2	16,66,900 7 9	65,353 8 0	2,051 12 6	4,435 5 0	17,23,964 0 0
Total for 1949							

STATEMENT VIII—cont.

Statement showing the cash account of the mental hospitals in the Madras State for the year 1951—cont.

RS. A. P.		RS. A. P.	
(a) { Cash collections from the paying patients	41,481 0 0	Value of manufactured articles sold to public in 1951	Nil.
{ Adjustment from foreign States	2,148 0 0	Value of manufactured articles made over to hospitals in 1951	2,785 8 0
Total	43,629 0 0	Value of garden produce sold to public in 1951 (English vegetable and plantains)	52 2 2
Value of stores on hand on 1st January 1951	13,648 0 0	Value of manufactured articles made over to hospital in 1951	113 14 2
Value of manufactured goods made over to the hospital	33,443 0 0	(i) { Livestock sold to public in 1951 .. .. .	.. .. .
Value of garden produce made over to the hospital	2,279 0 0	{ Livestock made over to hospital in 1951 .. .. .	.. .. .
Total	49,375 0 0	Value of miscellaneous articles sold to public in 1951	338 1 6
(b) Deduct—Cost of raw materials	16,753 0 0	Value of miscellaneous articles made over to hospital in 1951 .. .. .	.. .. .
Balance	32,622 0 0	Value of firewood made over to hospital in 1951	48 5 2
Charges on account of Public Works Department works, etc.	22,314 0 0	Total	3,337 15 0
(c) { Cost on account of printing forms and stationery	4,737 0 0	Deduct—Value of raw materials used during 1951	1,950 5 0
{ Cost of English stores and medicines .. .. .	.. .. .	Net amount shown in column (4) of Statement VIII	1,387 10 0
Total	27,051 0 0	(m) { Miscellaneous articles sold to public, viz. (soapnuts); English vegetables, etc.	390 3 8
(d) { Cost of miscellaneous unserviceable articles sold	1,033 0 0	{ Electric current charges	1,627 7 0
{ Other miscellaneous receipts	5,027 0 0	{ Other petty contingencies	4,758 15 0
Total	6,060 0 0	{ Other charges	3,254 13 4
Special diet—Europeans	1,466 0 0	{ Materials for manufacturing department	1,337 13 9
Special diet—Indians	3,191 0 0	{ Telephone charges	237 11 0
Ordinary diet—Indians	4,84,261 0 0	Total	11,306 12 1
Tuberculosis special diets	48,322 0 0	(o) Cost of English stores and medicines by Medical Stores	2,880 2 6
Total	4,82,240 0 0	{ Sold to the public—	.. .. .
Mental Hospital clothing	21,135 0 0	{ Manufactured articles	27 8 0
Local purchase .. .. .	.. .. .	{ Garden produce	130 10 0
Total	21,135 0 0	{ Made over to the Mental Hospital manufactured articles (clothing)	3,488 4 0
Deduct—Book charges	2,215 0 0	{ Coir yarn	255 15 0
Net amount	18,920 0 0	{ Garden produce	6,845 5 7
Purchase of betel leaves and nuts	2,750 0 0	Total	10,747 10 7
Pay of menials	1,871 0 0	Deduct—Cost of raw materials	373 8 6
Washing materials	1,346 0 0	Net amount	10,374 7 1
Amusements and recreation of patients	800 0 0	(g) By sale of condemned articles	700 1 0
Postage and telegraph charges	1,786 0 0	(r) { Diet charges	1,61,955 10 7
Telephone charges	10,620 0 0	{ Vegetable supplied from the hospital	6,245 5 7
Electric current charges	66 0 0	{ Stores remaining on 1st January 1951	3,974 11 9
Railway fare of discharged patients	21 0 0	Deduct—stores remaining on 31st December 1951	1,72,675 11 11
Repairs to office cycles	307 0 0	Net amount	5,005 13 1
Office expenses	469 0 0	(s) { Clothing supplied from hospital	3,488 4 0
Gardening charges	3,250 0 0	{ Clothing, local purchase, excluding book charges	461 0 8
Maintenance of motor vehicles .. .. .	.. .. .	Total	3,949 4 3
Total	24,069 0 0	{ Pay of menials including dearness allowance	729 5 0
(A) { Received from paying patients	48,629 0 0	{ Shaving and dhool materials	295 12 7
{ Sale of unserviceable articles	1,033 0 0	{ Rent	420 0 0
{ Other miscellaneous receipts	5,027 0 0	{ Purchase and repairs of furniture .. .. .	.. .. .
Total	49,689 0 0	{ Railway fare to patients' freight, etc.	1,901 11 3
Hospital necessities and miscellaneous	67,671 0 0	{ Betel leaves, snuff, cigars, beads and local purchase of medicine	3,988 0 0
Deduct—Book charges	12,292 0 0	{ Stores remaining on 1st January 1951 .. .. .	.. .. .
Net amount	55,379 0 0	{ Stores remaining on 31st December 1951 .. .. .	.. .. .
Book charges—	.. .. .	Total	7,334 12 10
{ Bedding and clothing	21,135 0 0	(u) { Received from paying patients	20,787 3 0
{ Hospital necessities	12,292 0 0	{ By sale of manufactured articles	27 8 0
{ Public Works Department works and repairs	18,225 0 0	{ Garden produce	130 10 0
{ Electric works	4,089 0 0	{ Miscellaneous articles	700 1 0
Total	55,741 0 0	Total	21,595 6 0
(B) { Cost of printing of forms	3,856 0 0	{ Hospital necessities and other miscellaneous items	7,403 3 5
{ Cost of stationery articles	901 0 0	{ Coir yarn supplied from the hospital	255 15 0
Total	4,757 0 0	{ Stores remaining on 1st January 1951	1,315 2 4
Value of raw materials on stock on 1st January 1951	1,288 5 11	Total	8,974 4 9
Value of raw materials purchased during 1951	1,397 13 9	Deduct—Stores remaining on 31st December 1951	1,207 11 2
Total	2,686 3 8	Net amount	7,766 9 7
Deduct—Value of raw materials remained at the end of 1951	735 14 8	(w) { Original works .. .. .	.. .. .
Value of raw materials issued in 1951	1,950 5 0	{ Repairs (minor)	4,045 0 0

* Made over to the mental hospital manufactured article (clothing).



HEALTH DEPARTMENT

G.O. No. 1212, 9th April 1952

Report—Mental Hospitals—Administration Report for 1951—Reviewed.

READ—the following paper:—

From the Director of Medical Services, dated 1st March 1952, Ref. No. 130495-2-G.2.

Order—No. 1212, Health, dated 9th April 1952.

Recorded.

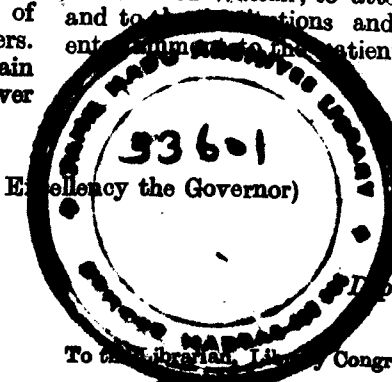
2. The total number of in-patients treated in the three Mental Hospitals (at Madras, Waltair and Kozhikode) during the year was 3,907 as against 3,854 in the previous year. The daily average number of patients in all the three hospitals slightly increased to 2,682.31 from 2,671.92 in the previous year. The number of deaths in all the three hospitals was 332 as against 307 during the previous year and the percentage of deaths to the daily average strength rose to 12.38 from 11.49 during the previous year.

3. In the Mental Hospital, Madras, in addition to the methods of environmental adjustment and recreation and occupation, regular drugs and other physical aids were employed in treatment. From the beginning of 1951, regular insulin shock therapy extending over 2½ months had been systematically tried in various cases of schizophrenia and in some other types of mental disorders. Continuous Narcosis treatment was also given in certain cases. Penothal analysis was tried with success wherever Neurosis cases were found to resist the usual analysis.

4. The recreation centre in the hospital at Madras, enlarged by providing increased facilities for both out-door and in-door games, continued to afford opportunities for the patients to relieve their internal tensions by sublimating them in active games or in attending to music. Besides, the patients were periodically taken out for drives and picnics and on special occasions to exhibitions. Similarly in Waltair Hospital a recreation club was opened in October 1951 for the benefit of the patients. And the patients take to the games and radio listening, with much enthusiasm. In Kozhikode also, patients enjoy their daily games.

5. The Government are grateful to the cinema theatres, which permitted the patients of the Mental Hospitals, Madras and Waltair, to attend certain shows free of cost, and to the institutions and associations which provided entertainment to the patients.

(By order of His Excellency the Governor)



SHAIK AHMED,

Deputy Secretary to Government.

To the Director of Medical Services.

" Accountant-General.
" Inspector-General of Police.
" Librarian, Library of the Madras Legislature.
" Superintendent, Government Museum.
" Officer-in-charge, State Administration Report.
" Public Department.
" Secretary, Madras Medical Association.
" Registrar, Madras University.
" Registrar, Andhra University.
" Registrar, Annamalai University.
" Librarian, Connemara Public Library.
" Home Department.
" Public (Press) Department.
" Secretary, Madras Chamber of Commerce.
" Secretary, South Indian Chamber of Commerce.

To the Librarian, Library of Congress, Washington, United States of America.

" Inspector-General of Prisons.
" Secretary, Madras Public Service Commission.
" Government of India, Ministry of Home (with C.L.).
" District Magistrates, Malabar and Vatakshapatnam.
" Director of Industries (Statistical Officer).
" Superintendent, Government Press (for distribution as per G.O. No. 442, P.H., dated 20th January 1951, as amended).
" Editor, "People's Health."
" Principal, I.A.S. Training School, Metcalf House, New Delhi.
" Press.

Forwarded to the

(By order)

11/1/52 Superintendent.