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Annual Report on the Working of the Assam Mental Hospital, Tezpur, for the year 1945

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BY

COLONEL S. L. BHATIA, C.I.E., M.C., M.D., F.R.C.P., I.M.S.,
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FROM

COLONEL S. L. BHATIA, C.I.E., M.C., M.D., F.R.C.P., I.M.S., INSPECTOR-GENERAL OF CIVIL HOSPITALS,
ASSAM,

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(13)

To
THE SECRETARY TO THE GOVERNMENT OF ASSAM
IN THE EDUCATION AND LOCAL SELF-GOVERNMENT DEPARTMENTS.

Dated Shillong, the 29th October 1946.

SIR,

I HAVE the honour to forward herewith for your approval, the Annual Report on the Working of the Assam Mental Hospital, Tezpur for the year 1945.

ANNUAL REPORT ON THE WORKING OF THE ASSAM MENTAL HOSPITAL, TEZPUR,
FOR THE YEAR 1945.

Introductory.—Dr. S. K. Chakravarti, M.B., A.M.S., (Senior) was in charge of the Provincial Mental Hospital throughout the whole year of 1945.

STAFF AND ESTABLISHMENT

(1) *First Sub-Assistant Surgeon and Deputy Superintendent.*—(a) Dr. Parimal Kumar Bose worked from 1st January to 3rd September, 1945, and 12th December 1945 to 31st December, 1945.

(b) Dr. Surendra Chandra Purkayastha worked from 4th September to 11th December, 1945 during the absence of Dr. Parimal Kumar Bose deputed for training to Ranchi Indian Mental Hospital.

(2) *Second Sub-Assistant Surgeon*—(a) Dr. Surendra Chandra Purkayastha worked from 1st January to 3rd September, 1945, and 12th December to 31st December, 1945.

(b) Dr. Surendra Chandra Dev, worked from 4th September to 11th December, 1945, *vice* Dr. Surendra Chandra Purkayastha worked as Deputy Superintendent.

(3) *Third Sub-Assistant Surgeon.*—(a) Dr. Surendra Chandra Dev, worked from 1st January to 3rd September, 1945 and 12th December to 31st December, 1945.

(b) Dr. Basirali Saikia, worked from 6th September to 11th December, 1945 transferred from Naga Hills.

(4) *Stewards.*—(a) Srijut Dandiram Saikia was the Steward from 1st January to 31st December, 1945.

(b) Babu Nagendra Chandrn Dutta Chaudhury worked as Assistant Steward from 1st January to 2nd March, 1945.

(c) Muhammad Illias Ali transferred from Civil Surgeon's Office, Gauhati, worked as Assistant Steward from 2nd March to 31st December, 1945.

(5) *Clerk.*—(a) Srijut Kamala Kanta Das an outsider, worked from 1st January to 31st December, 1945.

(6) *Matron.*—(a) Miss Sibani Ryntathieng was Matron throughout the whole year.

(b) Mrs. Jayanti Bala Nath was the Assistant Matron from 1st March to 31st December, 1945.

(7) *Compounders.*—(a) There were two Compounders throughout the year.

(8) *Head Keepers and Keepers.*—(a) There were 6 Male and 1 Female Head Keepers throughout the year.

(b) There were 85 Male and 17 Female Keepers in strength but the total strength could not be maintained throughout the year owing to the constant absconding of the Keepers.

(9) *Contingency Menials.*—(a) *Sweepers.*—There were 21 Sweepers in strength but the total strength could not be maintained owing to the constant absconding and non-availability of substitutes (workers).

(b) *Barbers.*—There were 2 barbers throughout the year.

Statement No. I.—The number of inmates remaining at the end of the year 1944 was, 558, of whom 481 were males and 77 females. During the year 142 (125 males and 17 females) were admitted.

The total number of the patients treated during the year under review was, therefore, 700 (606 males and 94 females) as against 751 (664 males and 107 females) in 1944. Of this number 9 (8 males and 1 female) were discharged "Cured" 24 males and 2 females were discharged "Improved"—1 male transferred, 31 (30 males and 1 female) died, leaving 633 (543 males and 90 females) remaining at the end of the year.

Of the 9 discharged cured 8 (7 males and 1 female) were non-criminal and 1 (male) Criminal Mental Patient.

The following analysis of the 8 Non-Criminal cases shows the benefit of early treatment :

Discharged cured within 6 months	...	...	...	...	...	...	1
Ditto ditto „ 1 year	...	...	...	...	...	...	1
Ditto ditto „ 2 years	...	...	...	...	...	...	4
Ditto ditto over 2 years	...	...	...	...	...	...	2
							8

Of these 8—

2 were under 20 years of age
6 between 20 to 40 years of age.

8

The percentage of recoveries calculated on the daily average strength was 1.53 against 3.39 in the previous year.

Re-admission.—There were 2 re-admissions (males) against 3 of previous year. The interval since discharge was a few months only.

Escape.—There was no escape during the year under review. Double door gates are necessary to prevent escape through the gate. Attention is drawn to the authorities about the matter.

Daily average—Strength.—The daily average strength was 583.12 against 618.83 in the previous year.

Percentage of total deaths.—Percentage of total deaths to daily average strength was 5.27 against 24.83 in the previous year.

Statement II.—The statement deals with observation cases for alleged Lunacy.

6 were carried forward from 1944.
48 were admitted.
1 was re-admitted during the year.

55

Of these 55—

47 were certified and admitted during the year.
3 were certified released under section 14 (Act IV of 1912).
2 were released uncertifiable.
2 remaining at the end of the year.
1 died.

55

Statement III.—This statement deals with Criminal Mental Patients, on 31st December 1944.

There were 217 Criminal Mental Patients.

16 (males) were admitted.

233—

Of these 233

5 were discharged
11 died leaving 217 on 31st December 1945.

The daily strength was 218.62 against 237.10 in the previous year.

The statement below shows the case of Criminal Mental Patients :

Rule 895 of Assam Jail Manual, Volume I	Remained on 31-12-44	Admitted and re-admitted during 1945	Total admitted during 1945	Discharged	Died	Remaining on 31-12-45
1	2	3	4	5	6	7
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
Paragraph 3, Undertrial	86 8 94	10 0 10	96 8 104	2 0 2	7 0 7	87 8 95
Paragraph 4, Acquitted	73 5 78	5 0 5	78 5 83	3 0 3	2 0 2	73 5 78
Paragraph 5, Convict	43 2 45	1 0 1	44 2 46	..	2 0 2	42 2 44
Total	202 15 217	16 0 16	218 15 233	5 0 5	11 0 11	202 15 217

Statement No. IV—Religions, Sex and Residence.—Out of total 140 admission, classified by religion—

101 were Hindus
34 were Muslims
3 Native Christian
2 Other caste.

140

Of these, 112 were natives of the province and 28 were natives of other Provinces.

Statement No. V.—As usuals the majority of the cases on admission were found to be between 20 to 40 years of age.

Statement No. VI.—The type of insanity among admissions and readmissions were as follows:—

Mentally deficiency	...	...	...	...	...	...	1
Mental depressive insanity	...	...	...	...	...	...	34
Mania	...	...	...	...	...	...	3
Melancholia	...	...	...	...	...	...	1
Schizophrenia including Demantia Praecox	...	...	...	...	...	...	96
Paranoia and Paronoid State	...	...	...	...	...	...	1
Epilepsy and Epileptic Insanity	...	...	...	...	...	...	3
Toxic Psychosi	...	...	...	...	...	...	3
							142

Statement No. VII—Aetiological Factors.—Predisposing causes were unknown in 80 cases, both predisposing and exciting causes were unknown in 44 and exciting causes were unknown in 18.

Sickness and Mortality.—Vital.—The number of admission to the Infirmaries was 576 against 899 in the previous year with a daily average sick rate of 88.5 against 149.53 in the previous year. This excludes cases of epilepsy, the daily average of which was 33.37 against 34.68 in the previous year. The following comparative statement shows the admission for the more prevalent diseases during the passed three years:—

Diseases								1945	1944	1943
1								2	3	4
Tuberculosis	...	...	...	...	...	...	...	3	40	14
Dysentery	...	...	...	...	...	...	...	153	333	240
Malaria	...	...	...	...	...	...	...	212	173	68
Influenza	...	...	...	...	...	...	...	3	7	39
Diseases of digestive system	...	...	...	...	...	...	...	4	6	17
All other diseases	...	...	...	...	...	...	...	201	340	166
Total	...	...	...	...	...	...	...	576	899	544

The statement below shows the percentage of inmates admitted in good, indifferent and bad health during the last 3 years.

Year								Good health	Bad health	Indifferent health	Remarks
1								2	3	4	5
1945	...	...	...	...	...	...	...	13.38	23.95	62.67	
1944	...	...	...	...	...	...	...	17.82	24.75	57.43	
1943	...	...	...	...	...	...	...	23.53	23.53	52.94	

Mortality.—There were 31 deaths as against 154 in the previous year. Chief causes of death were Dysentery and Tuberculosis which together (6+6) accounted for 12 out of total of 31 deaths. The low death rate cannot be ascribed to any definite cause except that there was no epidemic during the year and the staff did good work.

Dysentery.—This accounted for 6 deaths out of 153 attacks, against 73 out of 177 attacks in 1942, 44 out of 240 attacks in 1943 and 52 out of 333 attacks in 1944.

Tuberculosis.—New admission during the year was 3 and remaining of previous year 12. Thus 15 treated during the year. Out of these, 6 died, leaving 9 at the close of the year.

The Morbidity and Morality figures of last 3 years were as follows:—

								1945	1944	1943	Remarks
Daily average strength	...	...	...	...	...	...	...	588.12	618.88	665.42	
Daily average sick	...	...	...	...	...	...	...	88.5	149.53	129.46	
Percentage of daily average strength died	...	...	...	...	...	...	...	5.27	24.88	11.42	

Year after year the prevailing high rate of Mortality and Morbidity of this Institution has been telling its own tale. The inadequate and insufficient water supply problem of this Institution still remains as it was nearly two decades ago and thus this process of insidious undermining of the health of the inmates has been continuing. The provision of a segregated isolation ward for housing the Dysentery cases, which are now accommodated in the General Infirmary along with other patients is a pressing need.

Statement below shows the causes of deaths during the last 3 years—

Diseases	1945	1944	1943	Remarks
Dysentery	6	73	44	
Enteric fever	...	1	...	
Kala-Azar	...	2	1	
Malaria	1	...	...
Influenza	...	...	...
Pneumonia	1	3	3	
All other diseases of the Respiratory System	2	5	...	
Tuberculosis of Lungs and other Tubercular diseases	6	39	16	
Anaemia	2	3	2	
Diseases of Nervous system—				
(a) Disease of nerve brain, etc.	3	...	2	
(b) Diseases of which Pathological basis is unknown.	...	2	...	
(c) Mental Disease	3	1	1	
Nephritis (acute and chronic)	1	...	...
Diseases of Liver	...	2	1	
Abscess of Liver	1	1	...	
Disease of Circulatory System	1	1	...	
Syphilis	...	...	...
All other Infective Diseases	2	1	...	
All other diseases of digestive system	...	2	...	
Injuries	1	1	...	
Leprosy	...	1	2	
Ascitis of uncertain Origin	...	...	1	
Intestinal Parasites	1	16	1	
New Growth (Malignant)	...	...	1	
Total	31	154	76	

FINANCE

Statement VIII, Paragraph 1.—Excluding receipts from paying patients and miscellaneous receipts which were credited to the Government the total expenditure for the up-keep of the Mental Hospital amounted to Rs. 2,46,916-12-3 against Rs. 2,35,421-0-9 in the previous year. The average cost per head was, Rs. 416-9-10 against Rs. 378-10-6 in the previous year. The increase in expenditure was due to prevailing high prices of foodstuff and all other articles.

Paragraph 2.—The total expenditure for the up-keep, therefore, of the Mental Hospital for the year 1945 excluding Rs. 12,710-3-0 for Public Works Department "Original" works—amounted to Rs. 2,33,624 9-3 against Rs. 2,22,168-0-9 in the previous year or an average cost per capita of Rs. 395-2-0 against Rs. 357-5-5 in the previous year.

Paragraph 3.—Excluding Public Works Department charges, repairs and maintenance, rates and taxes and receipts from paying patients and profit on manufactures the average cost worked out to Rs. 350-10-7 against Rs. 319-6-10 in the previous year.

Paragraph 4.—The profit in the Manufactory Department were Rs. 11,257-14-3 against Rs. 8,561-9-6 in the previous year or an average, Rs. 293-12-3 per head of inmates employed on manufactories against Rs. 214-0-5 in the previous year.

The increase in profit was due to higher prices of the articles and to increased productions.

The daily average number employed was 38.32 against 40.00 in the previous year.

Paragraph 5.—The principal item of expenditure was the cost of "diet" which amounted to Rs. 1,30,863-1-6 against Rs. 1,31,575-10-3 in the previous year. The average cost per capita was Rs. 221-5-2 against Rs. 211-10-0 in the previous year. The increase was due to prevailing high prices of dietary articles.

The daily average number of patients including observation cases, during the year was 591.27 against 621.73 in the previous year.

MISCELLANEOUS

Employments of patients.—Mental patients are employed in cultivation of Vegetables, sugarcane, Jute, Manufacture of gur, Fencing of Garden, Bamboo works, Carpentry, tailoring daily routine of clearing and disinfecting of clothing and cooking of food, etc.

Female patients are employed on paddy husking, preparation of spices, mending of clothes and other house-hold works.

Weaving is done by female patients.—The Hospital (Female Section) is self-supporting to some extent in the matter of cotton clothing. In this connection it is emphasised that the post of a skilled occupational therapist is absolutely necessary for an Institution of this type and size, as the patients are to be employed in a variety of employments in order to lessen the drudgery and boredom and the progress carefully watched and noted. Besides, as the better class patients loathe to work in farm and soil, with help of a skilled instructor they may be trained in some handicrafts as is done by the occupational therapist in the Ranchi European Mental Hospital. The proposal for appointment of occupational therapist is under consideration.

Treatment—Mental.—As previously noted occupational-therapy continues to occupy its exalted position. Maniacal outburst and insomnia are treated with Hypnotics Hydrotherapy could not be continued for want of a Salamander which is unserviceable and could not be repaired or replaced, for want of materials due to war. Installation of a small boiler is absolutely necessary near the infirmaries in both the male and female section to carry on the treatment.

A case of General Paralysis of the Insane was treated by induced Malaria Therapy.

1. As noted in the previous years.

(1) The inmates were periodically treated with vermifuges and vermicides.

(2) Skin diseases and cases of pyorrhoea Alveolaris were regularly attended to.

(3) New admissions were vaccinated against Small-pox, inoculated with Cholera vaccine as a prophylactic measure, and their blood sera were sent to the Pasteur Institute, Shillong for Wasser-test. Positive cases were treated with anti-syphilitic drugs.

Full advantages is taken of the Laboratory examinations at the Pasteur Institute, Shillong. During the year under review, the following specimens were sent for the examination:—

1. Blood Sera for Wasserman test	...	...	...	...	...	...	77
2. " " " Widal,	...	...	...	...	...	...	1
3. Cerebro-Spinal fluid and Wasserman and Langes colloidal gold test.	...	...	...	...	...	...	1
4. C. S Fluid for W. R. test	...	...	...	...	...	...	1
5. Urine for Culture	...	...	...	...	...	...	2

Routine clinical Laboratory work is carried out here satisfactorily. The following specimens were examined here:—

1. Blood	...	...	...	...	...	...	234
2. Sputum	...	...	...	...	...	...	21
3. Stool	...	...	...	...	...	...	1,136
4. Urine	...	...	...	...	...	...	38
5. Blood for F. G. test	...	...	...	...	...	...	4
6. Prostatic smear for Gonococci	...	...	...	...	...	...	2
7. Scrapings from skin for L. D. Bodies.	...	...	...	...	...	...	1
8. Discharge from eye for Gonococci	...	...	...	...	...	...	1
9. Pus from pleural Cavity for Pneumococci	...	...	...	...	...	...	1

Epilepsy.—Treated with adequate doses of Bromide and Luminal.

Treatment of physical conditions has been up-to-date.

Patients are encouraged to engage themselves in flower gardening seasonally and some of them take keen interest in it.

Garden.—The vegetable garden of the Hospital which is entirely run by the patients' labour continues to do well yielding some profit and useful addition to the dietary. A supervisor is necessary for better management of the extensive vegetable and sugarcane cultivation.

Accommodation.—The capacity of the hospital was 716 during the year. There was no overcrowding. The maximum number confined on any one night during the year under review was 635.

Conservancy.—Night soil is trenched in a selected site of the Garden Land and infected stool is incinerated outside the enclosure.

Water Supply.—As noted in all previous Annual Reports it is still very insufficient and inadequate and it has become a matter of hardy annual for the Superintendent to deplore the state of affairs year after year on this subject. Much ink has been spilled on this subject but to no purpose. The Municipality though it realised a big amount as consolidated taxes, from this Institution, is not alive to the urgency of this problem of supplying water to this hospital. Recently six tube wells have been sunk in the hospital but they are not in working order as yet and have not been fitted with proper pumps. Although a big amount has been spent over this project, it is not likely to solve the much vexed problem of water supply of this Hospital.

The Chief Engineer's attention has been drawn to this matter.

Disinfection.—It is also in a very unsatisfactory state. The old crude method of disinfection by boiling still continues. The Government have sanctioned Rs.25,504 for steam disinfectant and some parts of the disinfection plant have arrived. When the installation of this plant is completed, the much needed disinfection of the clothings and beddings of the patients will be carried out.

Electric Installation.—Electrification of the different wards and dormitories and also the compound of the Hospital is also a necessary along with the installation of a refrigerator radio set, etc. Electric installation will also be helpful in introducing the modern Electric Shock therapy in this hospital. Plans and Estimates for this purpose are being put up to Government.

Diet.—Liberal and nutritious diet with adequate vitamine contents is supplied to patients. It is ensured in every case that each patient gets and eats his proper quantity of diet. The weight losers, patients with indifferent health and cases of anorexia are given sufficient quantity of milk to improve their health and to reach upto the due standard of weight.

Live-stock supplied by the Upper-Shillong Farm is as follows :—

	Cows	Heifer	Cow-calf	Bullocks	Bull	Bull-calf	Remarks
Remained on 31st December 1944 or 1st January 1945.	5×1	..	2	..	1	4	
Born or received during the year ..	..	..	2×4(6)×	×	×	1	*Received from Gauhati Jail.
Total	5×1	..	8	..	1	5	
Died	×1	..	1	..	..	1	
Destroyed .. .. .	..	..	..	..	..	..
Sold	1	..	..	..	..	..
Transferred .. .. .	..	..	..	..	..	..
Remaining on 31st December 1945 or 1st January 1946.	4 ×	..	7	..	1	4	

Poultry.—The number is meagre, fresh eggs, when available, were issued for the patients.

Cleanliness.—Great care was taken in the difficult matter of maintaining the personal cleanliness of the inmates, but without sufficient water this important work cannot be carried out satisfactorily.

Clothings.—Clothings were sufficient.

Discipline.—Good and well maintained.

Amusement and Recreation.—Patients are kept amused with music, band and game. Literate inmates were provided with books and news papers. Proper recreation hall is wanting. Want of a recreation hall with a library section is a great desideratum in this Mental Hospital.

It is hoped that as the normal times have returned the provision of a recreation hall for the patients as in other Mental Hospitals will be made. Some well behaved patients are sent out for walking. They were entertained to a cinema show.

The provision of a Char a-banc for regular outings for the patients as well as for transport purposes of this hospital is a pressing necessity.

Sanitation.—As in previous years satisfactory sanitary condition could not be maintained for want of sufficient water.

Building.—(1) The construction of a convalescent Home for those Mental Patients who are on the way to recovery deserves sympathetic consideration as such patients react adversely in association with Chronic cases.

(2) The construction of an Isolation Ward specially for Dysentery cases is urgently needed.

Nursing.—Provision of Nursing Sisters for the Female section and male Nurses for the male section is an urgent necessity.

Staff.—The staff worked hard and satisfactorily. Increases in the superior staff is essentially and urgently required. The Scheme for improvement of the Mental Hospital is being taken up in two stages :—

I. The interim stage in which provision of nurses with buildings programme for their accommodation is under correspondence with Government.

II. Find five year plan—to increase accommodation of the Hospital by 284 to raise it to a thousand beds with increase and improvement of the staff.

Inspection.—During the year under report this hospital was visited by Lady Clow, the Hon'ble Minister of Education, Assam, and the Commissioner of Divisions.

Meeting of the Board of Visitors.—The usual monthly meeting of the Board of Visitors were held regularly. The keen interest displayed in the patients by these voluntary workers and the time they have given to their duties ungrudgingly is highly appreciated.

GENERAL REMARKS—II

(11) This Institution though styled "Mental Hospital" is still in mixed state of a Prison, an Asylum and a Mental Home. In order to modernise it a good deal of improvement is necessary, so that the inmates of endeavours on up-to-date lines may be made to rehabilitate and accommodate them back into the society. The Provision of a suitable convalescent block where in patients improving and reacting favourably may be suitably lodged and a Refractory block for housing the noisy, dirty and demented patients who have little prospect of recovery should also be constructed in order to prevent the maxing up of acute recoverable cases with chronic incurables. Now that the projects for post-war reconstruction are seriously engaging the attention of the Government, it is expected that the much needed all round improvements of this hospital regarding its buildings, equipment and staff will be effected. The attitude of the general public towards lunacy is still very crude and the Medical profession for lack of sound training is inclined to look upon psychiatry as a kind of pathological curiosity; so, a propaganda programme to educate the public, and to cope with the apathy and lack of understanding in the Medical Profession is the first essential thing.

Your obedient servant,
S. L. BHATIA,
Colonel, I. M. S.,
Inspector-General of Civil Hospitals, Assam.

Statement

STATEMENT

Showing the Admissions, Discharges, etc., of Mental patients in the Mental

1 Name of Men- al Hospital	2 Remaining from previous year			3 Admitted			4 Re-admitted			5 Total population			6 Discharged												7 Died							
													A Cured			B Transferred to friends						C Otherwise			D Total							
																Improved			Not improved													
													M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mental Hospital, Tezpur	1945	..	481	77	558	123	17	140	2	..	2	606	94	700	8	1	9	24	2	26	..	..	..	1	..	1	33	3	36	30	1	31
	1944	..	558	97	655	83	10	93	3	..	3	644	107	751	20	1	21	16	1	17	..	..	..	..	1	1	36	3	39	127	27	154
	1943	..	549	106	655	85	8	93	7	2	9	641	116	757	14	1	15	8	..	8	..	..	..	3	..	3	25	1	26	58	18	76

N. B.—Observation cases are
The capacity of the Tezpur Mental Hospital is at 50 superficial
The maximum number of mental patients confined on any one night was 544 males, 94

STATEMENT

Statement showing the cases admitted for observation in the Provincial Mental Hospital

1 Name of the Mental Hospital	2 Year	3 Remained on the 1st January 1945	4 Admitted	5 Re-admitted
Mental Hospital, Tezpur	1945	6	48	1
...	1944	5	38	2
...	1943	4	47	5

STATEMENT

Return of Criminal Lunatics in the

1 Name of Mental Hospital	2 Remaining from previous year			3 Admitted			4 Re-admitted			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
	Mental Hospital, Tezpur	1945 ..	202	15	217	16	..	16
	1944 ..	234	18	252	14	1	15	1	..	1
	1943 ..	238	19	257	22	1	23	..	..	..

The figures in the statement

No. I

Hospital at Tezpur during the year 1945

8 Remaining on 31st December 1945			9 Daily average strength			10 Daily average sick			11 Percentage to—												12 Results of mental patients admitted (vide columns 3 and 4)					
									Daily average strength						Admissions						A			B		
									A			B			C			D			A			B		
									Cured			Died			Cured			Died			Cured			Died		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
543	90	633	564·91	83·21	538·12	78·25	10·25	88·5	1·58	4·20	1·53	5·94	1·20	5·27	·8	..	·70	3·2	..	2·82	1	..	1	4	..	4
481	77	558	529·50	90·38	618·88	126·06	23·47	149·53	3·78	1·11	3·39	29·14	29·87	24·88	..	..	..	18·63	30·00	19·79	..	..	..	16	3	19
558	97	655	561·55	103·87	665·42	110·46	19·00	129·46	2·49	·96	2·25	10·33	17·33	11·42	2·17	..	1·96	8·69	20·00	9·80	2	..	2	8	2	10

excluded from this statement.
feet per patient, 598 for males, 118 for females, 716 total.
females, 635 total.

No. II

at Tezpur, for the year 1945 and the provincial totals for two previous years

Certified and admitted into the Mental Hospital	Certified and released under Section 14, Act IV of 1912	Released as uncertifiable	Died	Remained on 31st December 1945	Remarks
6	7	8	9	10	11
47	3	2	1	2	
35	2	2	...	6	
44	...	6	1	5	

No. III

Mental Hospital at Tezpur for the year 1945

5 Total			6 Discharged, transferred, etc.			7 Died			8 Remaining on 31st December 1945			9 Daily average strength		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
218	15	233	5	..	5	11	..	11	202	15	217	203·62	15·00	218·62
249	19	268	7	..	7	40	4	44	202	15	217	220·87	16·23	237·10
260	20	280	5	..	5	21	2	23	234	18	252	238·95	18·48	257·43

exclude observation cases,

STATEMENT No. IV

Return showing the religion, sex and residence of patients admitted into the Mental Hospital at Tezpur during the year 1945 and the provincial totals for two previous years

1 District	2			3			4						5			6			
	Hindus			Muham- madans			Christians						Other castes			Total			
							Europeans and Anglo Indians			Indians									
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
<i>Assam</i>																			
Darrang	18	5	23	3	3	6	..	..	..	..	..	..	..	..	..	..	21	8	29
Sylhet	14	..	14	11	..	11	..	..	..	..	..	..	..	..	..	..	25	..	25
Sibsagar	11	2	13	1	1	2	..	..	..	..	..	..	..	..	..	..	12	3	15
Goalpara	1	1	2	1	..	1	..	..	..	..	..	..	..	..	..	..	2	1	3
Lakhimpur	12	..	12	..	1	1	..	..	..	..	..	..	1	..	1	13	1	14	
Cachar	5	1	6	2	..	2	..	..	..	..	..	..	..	..	..	..	7	1	8
Khasi and Jaintia Hills .. .. .	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	1
Kamrup	6	..	6	2	1	3	..	..	..	..	..	..	1	..	1	9	1	10	
Nowgong	4	..	4	1	..	1	..	..	..	..	..	..	..	..	..	..	5	..	5
Lushai Hills .. .. .	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	2	..	2
Total	71	9	80	21	6	27	..	..	..	2	1	3	2	..	2	96	16	112	
<i>Other provinces</i>																			
Dacca .. .. .	..	..	..	2	1	3	..	..	..	..	..	..	..	..	..	..	2	1	3
Gwalior State	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Nepal	6	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	6
Ranchi	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	5
Tipperah	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..	..	3	..	3
Motihar	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Noakhali .. .. .	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	1
Chittagong	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	2	..	2
Gangpore	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Rangpur	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Parna	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Manbhum	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Nagan	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total	21	..	21	6	1	7	..	..	..	..	..	..	..	..	..	..	27	1	28
Total for 1945	92	9	101	27	7	34	..	..	..	2	1	3	2	..	2	123	17	140	
Total for 1944	70	8	78	10	2	12	..	..	..	2	..	2	1	..	1	83	10	39	
Total for 1943	71	8	79	12	..	12	..	..	..	2	..	2	..	..	..	85	8	93	

The figures in the Statement exclude the observation cases,

STATEMENT No. V

Return showing the ages of patients admitted into the Mental Hospital at Tezpur during the year 1945, and the provincial totals for the two previous years

1		2			3			4			5			6		
		Under 20			20 to 40			40 to 60			Upwards of 60			Total		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Mental Hospital, Tezpur, 1945 ..	2	2	4	96	13	109	24	2	26	1	..	1	123	17	140	
Ditto 1944 ..	8	2	10	70	7	77	4	1	5	1	..	1	83	10	93	
Ditto 1943 ..	6	1	7	68	6	74	11	1	12	..	..	..	85	8	93	

STATEMENT No. VI

Showing the form of mental order in the admissions, discharges, recoveries and deaths during the year ending 31st December 1945

1	2	3			4			5			6						7			8			9			
		Serial No.		Remaining on the 31st December of the preceding year 1944			Admissions during the year 1945			Total			Discharge						Deaths			Remaining on 31st December 1944			Remarks	
													Recoveries			Otherwise										
				M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.		F.		T.
1	Mental deficiency.. ..	5	..	5	..	1	1	5	1	6	..	..	..	..	..	..	1	..	1	4	1	5	
2	Manic Depressive Insanity.. ..	95	18	113	31	3	34	126	21	147	1	1	2	2	1	3	5	..	5	118	19	137				
3	Mania	47	22	69	2	1	3	49	23	72	1	..	1	..	..	..	7	..	7	41	23	64	
4	Melancholia	44	6	50	1	..	1	45	6	51	..	..	..	1	..	1	2	1	3	42	5	47	
5	Schizophrenia including Dementia Praecox.	205	28	233	86	10	96	291	38	329	6	..	6	18	1	19	11	..	11	256	37	293				
6	Secondary Dementia .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	Paranoia and Paranoid State ..	13	..	13	1	..	1	14	..	14	..	..	..	2	..	2	..	..	..	12	..	12	
8	Epilepsy and Epileptic Insanity ..	28	1	29	2	1	3	30	2	32	..	..	..	..	..	..	3	..	3	27	2	29	
9	Toxic Psychosis :—																									
	(a) Acute purchase insanity .. ..	..	..	..	..	1	1	..	1	1	..	..	..	1	..	..	..	..	..	..	1	1	
	(b) Mepacrine Psychosis .. ..	..	..	..	1	..	1	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..
	(c) Cannabis Indica Psychosis ..	43	1	44	1	..	1	44	1	45	..	..	..	..	..	1	..	..	..	43	1	44	
10	Organic Psychosis :—																									
	(a) Arteriopathic and senile Psychosis																									
11	Neurosis and Psycho Neurosis ..	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
12	(General Paralysis of the Insane) ..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..	
	Total	481	77	558	125	17	142	606	94	700	8	1	9	25	2	27	30	1	31	543	99	633				

NOTE.—Observation cases are excluded from this statement.

STATEMENT No. VII

Showing *Ætiological Factors and Associated conditions in the patients admitted in the Tezpur Mental Hospital during the year 1945*

Ætiological Factors and Associated Conditions	Predisposing causes			Exciting cause			Total			Percentage of Patients to total admissions
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1	2	3	4	5	6	7	8	9	10	10 (a)
<i>A. Heredity—</i>										
1. Insane	6	1	7	6	1	7	12	2	14	
2. Epileptic	
3. Neurotic	
4. Marked eccentricity	
5. Alcoholism	
Total	6	1	7	6	1	7	12	2	14	
<i>B. Mental Instability, as revealed by—</i>										
1. Moral deficiency	
2. Congenital mental defect	1	1	..	1	1	..	2	2	
3. Eccentricity	
4. Previous attack	
Total	1	1	..	1	1	..	2	2	
<i>C. Deprivation of Special Senses—</i>										
1. Smell of taste	
2. Hearing	
3. Sight	
Total	
<i>D. Critical Periods—</i>										
1. Puberty and adolescence	
2. Climacteric	
3. Senility	
Total	
<i>E. Child Bearing—</i>										
1. Pregnancy	3	3	..	2	2	..	5	5	
2. Parturition	
3. Lactation	
Carried over	6	2	8	6	2	8	12	4	16	
Total	3	3	..	2	2	..	5	5	

N.B.—Observation cases are excluded from this statement.

STATEMENT No. VII - contd.

Showing *Etiological Factors and Associated conditions in the patients admitted in the Tezpur Mental Hospital during the year 1945*

Etiological Factors and Associated Conditions	Predisposing cause			Exciting cause			Total			Percentage of patients to total admissions 10 (a)
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1	2	3	4	5	6	7	8	9	10	
Brought forward ..	6	2	8	6	2	8	12	4	16	
<i>F. Mental Stress—</i>										
1. Sudden	16	..	16	..	..	..	16	..	16	
2. Prolonged	14	..	14	14	..	14	28	..	28	
Total ..	30	..	30	14	..	14	44	..	44	
<i>G. Diseases due to disorders of nutrition or metabolism—</i>										
1. Malnutrition (in early life) ..	..	..	..	..	..	..	..	..	..
2. Privation and starvation ..	..	..	..	..	..	..	..	..	..
3. Over-exertion (physical) ..	..	..	..	..	..	..	..	..	..
4. Sexual excess .. ..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..
<i>H. Infective and Toxic—</i>										
1. Alcohol	2	..	2	2	..	2	4	..	4	
2. Opium and morphia ..	..	..	..	..	..	..	..	..	..
3. Cocaine .. ..	..	..	..	..	..	..	..	..	..
4. Cannabis Indica	6	..	6	5	..	5	11	..	11	
5. Acute infective diseases ..	..	..	..	..	..	..	..	..	..
6. Tuberculosis .. ..	..	..	..	..	..	..	..	..	..
7. Syphilis, acquired .. ..	..	..	..	..	..	..	..	..	..
,, congenital .. ..	..	..	..	..	..	..	..	..	..
8. Plague .. ..	..	..	..	..	..	..	..	..	..
9. Influenza .. ..	..	..	..	..	..	..	..	..	..
10. Other toxins	6	1	7	6	1	7	12	2	14	
Total ..	6	1	7	6	1	7	12	2	14	

N.B.—Observation cases are excluded from the statement.

STATEMENT No. VII—concl'd.

Showing *Ætiological Factors and Associated conditions in the patients admitted in the Tezpur Mental Hospital during the year 1945*

Ætiological Factors and Associated Conditions	Predisposing Cause			Exciting Cause			Total			Percentage of patients to total admissions
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1	2	3	4	5	6	7	8	9	10	10(a)
<i>I. Traumatic—</i>										
1. Injuries	3	..	3	3	..	3	6	..	6	
2. Operations .. .. .	..	..	..	..	..	..	..	..	..
3. Sunstroke .. .. .	..	..	..	..	..	..	..	..	..
Total	3	..	3	3	..	3	6	..	6	
<i>J. Diseases of the Nervous System—</i>										
1. Diseases of the brain .. .. .	..	..	..	..	..	..	..	..	..
2. Diseases of the spinal cord and nerves.	..	..	..	..	..	..	..	..	..
3. Epilepsy	2	1	3	2	1	3	4	2	6	
4. Other defined neuroses .. .. .	..	..	..	..	..	..	..	..	..
Total	2	1	3	2	1	3	4	2	6	
<i>K. Other Bodily Afflictions—</i>										
1. Diseases of the blood .. .. .	..	..	..	..	..	..	..	..	..
2. Diseases of the Circulatory system.	..	..	..	..	..	..	..	..	..
3. Diseases of the Valves of the heart.	..	..	..	..	..	..	..	..	..
4. Diseases of the digestive system	..	..	..	..	..	..	..	..	..
5. Diseases of the urinary organs	..	..	..	..	..	..	..	..	..
6. Diseases of the Generative system (excluding syphilis).	..	..	..	..	..	..	..	..	..
7. Other general affections .. .. .	..	..	..	..	..	..	..	..	..
Total	55	7	62	38	6	44	93	13	106	
<i>L. No cause assignable—</i>	..	..	..	70	10	80	70	10	80	
<i>M. No cause ascertained—History defective.</i>	..	..	..	..	..	..	..	..	..
Total	55	7	62	108	16	124	163	23	186	

N. B.—Observation cases are excluded from this statement.

If there be two causes for one patient the same should be mentioned at the foot of the statement. In 44 cases, there were both predisposing and exciting causes, thus accounting to a total of 186 cases against 142 fresh cases.

STATEMENT No. VIII

Showing the Cash Account of the Mental Hospital at Tezpur for the year 1945

Name of Mental Hospital	Receipts						Charges				
	Received from Treasury	Received from paying patients	Value of stores received from the Manufacturing Department, less cost of raw materials	Book receipts, i.e., the total of expenditure entered in columns 19, 20 and 21	Miscellaneous receipts	Total	Establishment		Diet	Clothing and bedding	Bazar medicines
							Establishment proper*	Superintendence			
1	2	3	4	5	6	7	8	9	10	11	12
	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.	Rs. a. p.	Rs. a. p.
TEZPUR MENTAL HOSPITAL, 1945 ..	7,06,329 3 9	3,450 12 6	8,692 15 0	31,904 9 6	593 1 0	2,50,969 9 9	63,387 4 0	5,362 0 0	1,30,863 1 6	3,198 4 6	55 8 6
Ditto 1944 ..	1,99,255 10 9	1,034 11 0	6,127 0 0	30,033 6 0	1,035 0 0	2,37,490 11 9	49,553 4 0	4,440 0 0	1,31,575 10 3	6,729 4 6	0 13 0
Ditto 1943 ..	2,10,616 4 6	1,754 10 0	6,528 0 0	11,09 8 0	329 5 6	2,30,537 12 0	56,241 7 0	4,147 14 0	1,24,727 4 0	16,796 3 0	55 4 0

Name of Mental Hospital	Charges—concl'd.									
	Contingencies			Remitted to Treasury on account of paying patients, etc.	Miscellaneous items	Total of columns 8—17	Book Charges			Total of columns 18—21
	Contingencies proper	Repairs and maintenance	Rates and taxes				Charges on account of works done by the Public Works Department	Cost of printed forms and stationery	Cost of English stores, medicines, etc.	
1	13	14	15	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.	Rs. a. p.	Rs. a. p.	Rs. a. p.
TEZPUR MENTAL HOSPITAL, 1945 ..	7,463 7 3	289 0 0	2,382 12 0	4,043 13 6	1,719 13 0	2,19,056 0 3	25,671 12 0	30 15 0	6,201 14 0	2,50,960 9 9
Ditto 1944 ..	7,504 12 0	199 0 0	3,137 8 0	2,069 11 0	2,242 7 0	2,07,452 5 9	25,959 0 0	94 2 0	3,985 4 0	2,37,490 11 9
Ditto 1943 ..	7,966 15 6	459 0 0	4,786 8 0	2,083 15 6	2,063 13 0	2,19,228 4 0	7,084 0 0	66 10 0	4,158 14 0	2,30,537 12 0

Note.—The value of stores must be entered at market rates.

N.B.—Charges for observation cases are included in this statement.

* This includes the sum of Rs.5,160.5-0 being the pay of menials drawn in contingent bills.

(a) Includes amount of jail and other departmental bills adjusted by "Book Transfer" but excluding the amount shown against Notes (c) and (d) below.

(b) (i) Exclusive of Rs. 220 paid as contribution for the maintenance charge of a patient by the Manipur State.

(ii) Rupees 1,200 paid by the Khasi State for Khasi patients.

(c) Cost of "Printed Forms" not known to this office and also cost of stationery articles supplied by the Stationery Office, Calcutta.

(d) Shows the amounts drawn as cash for English stores such as medicines under value of medical stores and also the amounts adjusted by book transfer from Medical Stores Depot, Calcutta.



