1945

NEW ZEALAND

MENTAL HOSPITALS OF THE DOMINION

(REPORT ON) FOR 1944

Presented to both Houses of the General Assembly pursuant to Section 78 of the Mental Defectives Act, 1911

The DIRECTOR-GENERAL to the Hon. A. H. NORDMEYER, Minister in Charge of the Department of Mental Hospitals

SIR,— Wellington, 1st June, 1945.

I have the honour to present my annual report upon the work of the Department of Mental Hospitals for the year ended 31st December, 1944.

STATISTICAL

There were 8,753 names of persons upon our register at the end of the year, including 34 patients and boarders at Ashburn Hall private licensed institution and 599 patients and boarders who were absent on probation in the care of relatives and friends.

In actual residence in our eight State hospitals on 31st December there were 8,120 persons—an increase of 160, compared with the previous year—and of this number 7,760 were subject to a reception order, while 360 were voluntary boarders.

There was an increase of 233 in the number of those admitted for the first time, and 428 ex-patients and boarders returned for further treatment.

Of all classes of admissions we were able to discharge 961, or 51·92 per cent., calculated upon the number admitted, but no more than 578, or 31·23 per cent., were fully recovered at the time of discharge.

This number falls far short of the true recovery rate, as patients who go on probation and do not send a medical certificate or report to the institution require to be discharged as "unrecovered."

VOLUNTARY BOARDERS

Year.	First Admission.			Not First Admission.			Total Admissions.			Transferred to Register of Patients.			Died.			Discharged.			Remaining on 31st December.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1912	6	17	23	0	0	0	6	17	23	1	3	4	0	0	0	4	3	7	1	11	12
1913	18	19	37	0	2	2	18	21	39	2	5	7	0	1	1	12	12	24	5	14	19
1914	17	19	36	3	2	5	20	21	41	7	5	12	1	1	2	11	15	26	6	14	20
1915	15	17	32	1	2	3	16	19	35	3	4	7	0	1	1	8	14	22	11	14	25
1916	13	23	36	5	8	13	18	31	49	4	4	8	1	2	3	14	14	28	10	15	25
1917	14	21	35	1	13	14	15	34	49	6	6	12	0	1	1	10	23	33	9	19	28
1918	23	38	61	5	11	16	28	49	77	1	4	5	2	2	4	15	30	45	19	32	51
1919	31	39	70	5	19	24	36	58	94	3	3	6	0	2	2	26	42	68	26	43	69
1920	26	38	64	16	12	28	42	50	92	3	4	7	1	2	3	33	33	66	31	54	85
1921	39	39	78	11	15	26	50	54	104	2	3	5	5	1	6	38	41	79	36	63	99
1922	47	38	85	10	16	26	57	54	111	6	5	11	4	4	8	40	48	88	43	60	103
1923	44	50	94	15	21	36	59	71	130	3	6	9	3	3	6	47	47	94	49	75	124
1924	38	44	82	16	20	36	54	64	118	4	8	12	6	3	9	39	48	87	54	80	134
1925	64	59	123	15	34	49	79	93	172	10	15	25	6	3	9	60	63	123	57	92	149
1926	71	60	131	11	29	40	82	89	171	10	11	21	7	2	9	49	71	120	73	97	170
1927	70	70	140	25	32	57	95	102	197	8	6	14	5	12	17	75	58	133	80	123	203
1928	120	94	214	37	39	76	157	133	290	8	10	18	10	8	18	102	97	199	117	141	258
1929	102	63	165	50	43	93	152	106	258	11	3	14	9	9	18	119	110	229	130	125	255
1930	152	84	236	41	35	76	193	119	312	15	9	24	8	6	14	130	79	209	170	150	320
1931	166	98	264	43	36	79	209	134	343	11	14	25	11	7	18	159	102	261	198	161	359
1932	150	85	235	50	40	90	200	125	325	24	32	56	14	5	19	190	108	298	170	141	311
1933	112	109	221	53	32	85	165	141	306	11	14	25	5	4	9	121	107	228	198	157	355
1934	132	90	221	56	33	89	188	123	311	7	11	18	10	6	16	152	99	251	217	164	381
1935	130	87	217	40	55	95	170	142	312	18	20	38	19	10	29	151	116	267	199	160	359
1936	98	99	197	62	44	106	160	143	303	21	20	41	7	10	17	137	111	248	194	162	356
1937	103	91	194	64	45	109	167	136	303	14	7	21	6	10	16	163	122	285	178	159	337
1938	111	105	216	60	53	113	171	158	329	11	15	26	11	8	19	144	125	269	183	169	352
1939	131	103	234	63	72	135	194	175	369	22	21	43	16	15	31	157	130	287	182	178	360
1940	128	124	252	65	63	128	193	187	380	18	18	36	10	12	22	176	167	343	171	168	339
1941	93	104	197	48	58	106	141	162	303	11	9	20	10	13	23	140	151	291	151	157	308
1942	88	108	196	44	74	118	132	182	314	14	15	29	15	8	23	124	160	284	130	156	286
1943	95	126	221	66	87	153	161	213	374	2	8	10	13	14	27	115	159	274	161	188	349
1944	146	168	314	70	104	174	216	272	488	4	7	11	11	10	21	172	243	415	190	200	390

Accommodation

For many years the shortage of accommodation for patients has been the burthen of annual reports, but in 1936 I was able to say that by the carrying-out of an extensive building programme we had reduced the deficiency from 935 to 514 beds, despite a fairly large net increase in the number of patients resident.

Unfortunately, owing to causes outside the control of the Department, we have been unable to maintain or improve upon that happy position, and the shortage of accommodation is once more very acute, as disclosed in the following table, which shows the position at each hospital at the end of the year :—

Hospital.	Accommodation.	Number of Patients and Voluntary Boarders on Register.	Number on Probation.	Number actually resident.	Deficiency.	Surplus.
Auckland ..	1,187	1,479	178	1,301	114	..
Kingseat ..	780	807	28	779	..	1
Tokanui ..	710	801	23	778	68	..
Porirua ..	821	1,163	61	1,102	281	..
Seacliff ..	879	1,063	68	995	98	..
Christchurch ..	1,236	1,525	174	1,351	115	..
Nelson ..	954	1,077	56	1,021	67	..
Hokitika ..	512	553	32	521	9	..
Total ..	7,097	8,468	622	7,848	752	1

These figures do not take account of 265 patients temporarily lodged at The Chateau and Wairakei and for whom other accommodation must be found at an early date, so that there is an actual deficiency of 1,016 beds, or the equivalent of an additional mental hospital.

For the most part the shortage can be ascribed to the damage caused at Porirua by the earthquake of 1942, which necessitated the evacuation of 532 patients to The Chateau, Wairakei, and to other mental hospitals, but the problem of overtaking the shortage is greatly accentuated by the urgent need to evacuate other existing accommodation. This refers particularly to Seacliff, where the earth movements of the unstable land has rendered parts of the buildings unsafe, and to Nelson City Mental Hospital, where the old buildings are becoming less serviceable with the passage of time. Our building programme has, of course, been affected to some extent by the shortage of labour and materials arising out of war conditions, but steps are being taken to relieve the situation.

Contemporaneously with the rebuilding of Porirua on the villa system, we have made a start with the erection of the new Lake Alice Hospital, near Bulls, which will take admissions from the Taranaki, Manawatu, and Hawke's Bay areas and so diminish the admission rate at Porirua. Lake Alice Hospital will be an advance upon the villa system, in that small cottages will be provided for those who are likely to benefit from association in smaller groups.

To replace Seacliff it is proposed to build a new hospital on the Cherry Farm estate, near Waikouaiti, and, after due consultations with geologists as to the stability of the site, plans are being made.

When Stoke Farm, near Nelson, was acquired for the purpose of erecting the mental hospital there, now known as Ngawhatu, the original Nelson Mental Hospital was retained as a colony for the lower grades of mentally defective children. This hospital, built in 1874, has deteriorated beyond the limits of economic repair, and it is proposed to transfer the children to an institution which has become available in the North Island. It is desirable that there should be at least one such colony in each of the main provincial districts, and it is proposed to utilize the Orokonui Home, in Otago, for this purpose, and also to acquire as soon as may be possible an institution near Auckland.

Alterations, Additions, and Improvements

Capital expenditure on new buildings and additions and improvements amounted to £37,741 during the year, and the following summary shows the principal items making up the total, including new buildings in progress but not completed by 31st March :—

Auckland (£2,504)

New occupational class-rooms have been erected and a new washhouse provided at the nurses' home.

Kingseat (£424)

Roading and water-supply services have been extended.

Porirua (£20,623)

Three new villas have been erected and equipped.

Christchurch (£766)

A new vegetable-shed has been erected at Templeton Farm and a new transformer-house at Sunnyside.

Seacliff (£6,526)

The water-supply has been improved.

The erection of a new villa at Waitati should be completed at an early date.

Marton (£6,680)

Roading, water-supply, and drainage work have been carried out. It is expected that the building programme will soon be commenced.

The Training of Psychiatric Nurses

The passing of the Nurses and Midwives Registration Amendment Act, 1944, recognizes the status which is due to those who train to become proficient in nursing the mentally afflicted.

The Department has provided courses of lectures, tuition, and training since 1907 on a progressively higher standard, but it has been felt that to attach to the diploma the status which it merits we should come into line with other branches of nursing and vest the conduct of the examination in the Nurses and Midwives Registration Board.

With the introduction of the more recent methods of treatment, including the various forms of shock therapy and the spread of occupational therapy, throughout our hospitals, there has been instituted a greater individualization of treatment and a corresponding requirement of more knowledge on the part of the nurse, but in this, as, indeed, in all forms of social service the work becomes more congenial and easier in proportion to the intellectual as well as the humanitarian interest which can be brought to bear on it.

It is essential for the proper training of nursing staff that our Matrons should hold the double general and psychiatric nursing qualification, and every encouragement is given to our nurses to take further training in the hope that they will return to fill the higher positions in our hospitals. We have, of course, to consider the claims of those of our staff who have given long and faithful service to the Department, but at several of our hospitals we already have doubly trained Matrons and many of our nurses are on special leave for general training.

Conversely, with the wider recognition of the psychological aspects of physical illness, no nurse can be described as fully qualified unless she has spent at least some time in nursing psychiatric cases, and the logical result of the recent legislation should be the institution of some means whereby such training can be made available to all nurses.

Shortage of Nurses

I regret to say that there has been no material change from last year so far as staff shortage is concerned, and the main body of our nurses have to carry an undue burden. I have been greatly impressed upon my visits of inspection by the manner in which our nurses carry out their duties, and this I have pleasure in putting upon record.

Service Patients

The forecast made in my report of four years ago that there was " no reason to anticipate anything but a small incidence of mental disorders amongst our soldiers on active service overseas " is amply borne out by the figures compiled up to the end of 1944. The movements of service patients and boarders from the beginning of the war until the end of last year are shown in the following table :—

Admitted after Overseas Service.			Admitted from Camps, &c., in New Zealand.		
Admitted		190	Admitted		167
Discharged recovered	82		Discharged recovered	78	
Discharged, not recovered	26		Discharged, not recovered	25	
Died	4		Died	8	
	—	112		—	111
Remaining		78	Remaining		56

Our figures are much in accord with the experiences in Great Britain, where several mental hospitals and homes for defectives were taken over for war hospitals. This caused overcrowding in these institutions, " but, fortunately, the demand for beds for certifiable mental cases tended to diminish rather than to increase " (Mackintosh).

These figures, it is true, do not tell the whole story, and there are many cases of psycho neurosis which do not come within the purview of this report, although many of the patients are being seen and treated by officers of this Department, but again in respect of the psycho neuroses there is no need for public uneasiness. The psycho neuroses of war are for the most part reactive in character, their treatment is simpler, and the outlook better than those arising from peacetime conditions.

Medical Staff

The steadily increasing demands upon the Department for psychiatric service outside our mental hospitals, the institution of newer and more intensive forms of treatment, and the immediate prospect of new mental hospitals and institutions for defective children make it necessary for me to ask that attention be given to the need for increasing our medical staff which is at present hopelessly inadequate to maintain a proper standard of treatment and care.

That the services of our medical officers are greatly in demand is a gratifying sign that the importance of psychiatric treatment and advice is becoming more widely recognized, but we cannot continue to give these services without sacrificing the proper and safe conduct of our hospitals unless a substantial addition is made in the number of medical officers.

The amount of extra mural activities has greatly increased during the war years. In addition to the twelve clinics which we conduct at the general hospitals in the main centres and larger provincial towns—and these sessions involve absence from the mental hospital for periods of from a half to two days—our officers are called upon to examine and furnish reports upon pensioners, Service personnel, rehabilitation cases, and prisoners; to give lectures to medical students and to nurses at their post-graduate courses; and to address various social organizations.

Within the mental hospitals the recent introduction of the various methods of shock therapy, occupational therapy, and other modern forms of treatment has increased the demands made by the individual patient upon the doctor and lessened the number to which he can give his effective attention. Since the commencement of the war no less than eight of our assistant medical officers have been induced to leave our service because of the higher incomes which can be obtained under recently developed conditions of private practice, and they have not been replaced. In addition, two of our officers are still overseas on active service. I cannot stress too strongly the urgent need to secure at least fourteen thoroughly competent additional psychiatrists for the Department.

The following nurses and attendants passed the Senior Mental Nursing Examination :—

Passed top for Dominion : Nurse D. I. Gardiner (Auckland).

Auckland—
Attendants : W. J. Armstrong, T. I. Brown, W. Croft, W. A. M. McLean.
Nurses : J. Arthur-Worsop, D. E. Brown, F. A. Carmichael, A. J. Dawes, P. A. Dutton, *C. J. A. Fletcher, B. Gabrielsen, *D. I. Gardiner, I. M. Hope, E. M. McGuire, E. M. O'Connor, L. Whiu.

Papakura—
Attendants : R. J. Burrell, G. H. Parker.
Nurses : N. E. Hoby, H. B. Johnson, J. I. McPhail, F. G. Woolfield.

Tokanui—
Attendants : A. H. M. Grenfell, B. McCarthy.
Nurse : J. M. Kelly.

Porirua—
Attendants : O. G. Christopherson, W. Rodgers.

Nelson—
Attendants : J. C. Fleming, W. R. Holder, B. B. Pahl, A. J. Parkinson.
Nurses : S. M. Brophy, F. G. McDonald, T. P. Von Sturmer.

Hokitika—
Nurse : F. R. Hunter.

Christchurch—
Attendant : T. C. Donovan.
Nurses : K. M. Brewer, A. J. Coote, *E. M. Fry, A. M. Morel, C. P. O'Grady, M. S. Russell, A. G. Tooley.

Templeton Farm—
Institution Officers : N. McDowell, A. E. Prosser, J. Richmond, L. C. Taylor.

Seacliff—
Attendant : J. T. Thompson.
Nurse : H. T. Manning.

Valedictory

During the year an unusually large number of our Matrons and Head Attendants retired, notably Miss Mayze, Miss Redman, Mrs. McLaren, Miss Kelly, Miss Gabrielsen, Miss Finane, and Messrs. Fowlie, Briggs, Morgan, Turner, Beasley, Wicks, and Anderson. Mr. David Riddle, for many years our Agricultural Overseer, retired on account of ill health.

All these officers had given many years of good and faithful service to the Department, and it is fitting that, as an expression of gratitude, I should put their names on record.

Appreciation

I gladly avail myself of this opportunity to thank Dr. Lewis and my other medical colleagues, Mr. Sinclair, Chief Clerk, and all the Head Office staff, for the unfailing loyalty shown to myself and for the harmonious and efficient way they have worked during a very difficult period.

Theo. G. Gray, Director-General.

* Passed with distinction.

TABLE I.—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1944

	M.	F.	T.	M.	F.	T.
In mental hospitals, 1st January, 1944				4,376	3,746	8,122
Admitted for the first time	487	622	1,109	600	763	1,363
Readmitted	113	141	254			
Total under care during the year				4,976	4,509	9,485
Discharged and died—						
Recovered	137	218	355			
Not recovered	101	90	191			
Died	327	249	576			
(Not including transfers: Males, 107; females, 58.)				565	557	1,122
Remaining in mental hospitals, 31st December, 1944				4,411	3,952	8,363
Increase on 31st December, 1943				35	206	241
Average number resident during the year				4,231	3,640	7,871

TABLE II.—ADMISSIONS, DISCHARGES, AND DEATHS, WITH THE MEAN ANNUAL MORTALITY AND PROPORTION OF RECOVERIES, ETC., PER CENT. ON THE ADMISSIONS, DURING THE YEAR 1944.

Mental Hospitals.	In Mental Hospitals on 1st January, 1944.			Admissions in 1944. Admitted for the First Time.			Not First Admissions.			Transfers.			Total Number of Patients under Care.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland	705	641	1,346	101	132	233	23	35	58	18	13	31	847	821	1,668
Kingseat	423	327	750	11	27	38	3	3	6	43	4	47	480	361	841
Tokanui	390	617	1,007	41	56	97	5	6	11	4	17	21	440	696	1,136
Porirua	605	402	1,007	118	150	268	40	43	83	10	12	22	773	607	1,380
Nelson	623	411	1,034	68	48	116	0	2	2	2	2	4	693	463	1,156
Hokitika	265	269	534	8	10	18	2	3	5	13	5	18	288	287	575
Christchurch	729	686	1,415	86	127	213	21	23	44	13	2	15	849	838	1,687
Seacliff	626	369	995	54	71	125	19	26	45	4	3	7	703	469	1,172
Ashburn Hall (private mental hospital)	10	24	34	0	1	1		..			..		10	25	35
Totals ..	4,376	3,746	8,122	487	622	1,109	113	141	254	107	58	165	5,083	4,567	9,650

Mental Hospitals.	Patients Discharged, Transferred, and Died. Discharged recovered.			Discharged not recovered.			Transferred.			Died.			Total discharged, transferred, and died.			In Mental Hospitals on 31st December, 1944.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland ..	38	46	84	25	20	45	47	10	57	54	48	102	164	124	288	683	697	1,380
Kingseat	3	10	13	4	2	6	9	4	13	18	10	28	34	26	60	446	335	781
Tokanui	8	21	29	4	9	13	2	10	12	17	27	44	31	67	98	409	629	1,038
Porirua	47	83	130	13	14	27	15	16	31	72	51	123	147	164	311	626	443	1,067
Nelson	5	9	14	2	1	3	5	3	8	49	24	73	61	37	98	632	426	1,058
Hokitika	2	3	5	2	4	6	4	1	5	24	6	30	32	14	46	256	273	529
Christchurch ..	25	35	60	29	23	52	17	11	28	37	55	92	108	124	232	741	714	1,455
Seacliff	9	11	20	22	17	39	8	0	8	54	28	82	93	56	149	610	413	1,023
Ashburn Hall (private mental hospital)		..			..		0	3	3	2	0	2	2	3	5	8	22	30
Totals ..	137	218	355	101	90	191	107	58	165	327	249	576	672	615	1,287	4,411	3,952	8,363

Mental Hospitals.	Average Number resident during the Year.			Percentage of Recoveries on Admissions during the Year.			Percentage of Deaths on Average Number resident during the Year.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland	656	604	1,260	30·65	27·54	28·87	8·23	7·95	8·10
Kingseat	423	323	746	21·43	33·33	29·55	4·24	3·10	3·75
Tokanui	390	613	1,003	17·39	33·87	26·85	4·36	4·40	4·39
Porirua	605	399	1,004	29·75	43·01	37·04	11·90	12·78	12·25
Nelson	612	407	1,019	7·35	18·00	11·86	8·01	5·90	7·16
Hokitika	256	265	521	20·00	23·08	21·74	9·38	2·26	5·76
Christchurch	686	635	1,321	23·36	23·33	23·35	5·39	8·66	6·96
Seacliff	595	372	967	12·33	11·34	11·76	9·08	7·53	8·48
Ashburn Hall (private mental hospital) ..	8	22	30		..		25·00	0·00	6·67
Totals	4,231	3,640	7,871	22·83	28·57	26·05	7·73	6·84	7·32

Table III.—Native Countries

Countries.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	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.	M.	F.	T.
England and Wales ..	80	64	144	76	48	124	41	73	114	80	44	124	42	40	82	24	18	42	44	64	108	39	24	63	1	2	3	427	377	804
Scotland	14	13	27	17	8	25	16	13	29	22	14	36	24	10	34	8	4	12	24	12	36	34	28	62	1	0	1	160	102	262
Ireland	23	16	39	21	20	41	21	23	44	19	15	34	11	4	15	14	7	21	13	13	26	22	13	35		..		144	111	255
New Zealand ..	461	537	998	263	228	491	285	456	741	422	332	754	496	344	840	176	199	375	639	598	1,237	483	335	818	5	20	25	3,230	3,049	6,279
Australian States ..	27	15	42	18	12	30	7	27	34	25	11	36	10	7	17	7	8	15	10	13	23	12	5	17	1	0	1	117	98	215
France	1	0	1		..		1	0	1		..			..			..			..			..			..		2	0	2
Germany	1	0	1	1	0	1	2	2	4	1	1	2	1	1	2		..		1	0	1	2	0	2		..		9	4	13
Austria	6	0	6	7	0	7	2	0	2	0	1	1	1	0	1		..			..			..			..		16	1	17
Norway	1	0	1	4	0	4	1	0	1		..		1	0	1		..			..			..			..		7	0	7
Sweden	2	1	3	1	1	2		..		1	0	1		..		1	0	1		..		2	0	2		..		7	2	9
Denmark		..			..		2	2	4	1	0	1	4	0	4	1	0	1		..		1	0	1		..		9	2	11
Italy	2	0	2	1	1	2	1	0	1	2	0	2	1	1	2	3	0	3		..			..			..		10	2	12
China	3	1	4	2	0	2	2	1	3	2	1	3	1	0	1		..		0	1	1		..			..		10	4	14
Maoris	22	30	52	10	6	16	16	21	37	32	19	51	13	12	25	1	2	3	6	9	15		..			..		100	99	199
Other countries ..	40	20	60	25	11	36	12	11	23	19	5	24	5	0	5	4	0	4	4	4	8	4	2	6		..		113	53	166
Unknown		..			..			..			..		22	7	29	17	35	52		..		11	6	17		..		50	48	98
Totals ..	683	697	1,380	446	335	781	409	629	1,038	626	443	1,069	632	426	1,058	256	273	529	741	714	1,455	610	413	1,023	8	22	30	4,411	3,952	8,363

Table IV.—Ages of Patients on 31st December, 1944

Ages.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	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.	M.	F.	T.
From 1 to 5 years ..	1	1	2		..		1	0	1	2	0	2	25	15	40		..		0	1	1	4	0	4		..		33	17	50
„ 5 „ 10 „ ..	3	1	4	1	0	1	3	5	8	3	10	13	56	26	82	0	1	1	11	15	26	2	3	5		..		79	61	140
„ 10 „ 15 „ ..	8	3	11	1	1	2	4	4	8	2	11	13	49	26	75	1	2	3	50	33	83	3	4	7		..		118	84	202
„ 15 „ 20 „ ..	27	20	47	9	4	13	12	11	23	19	18	37	52	27	79	3	4	7	73	54	127	23	5	28	1	0	1	219	143	362
„ 20 „ 30 „ ..	90	100	190	32	20	52	53	59	112	96	68	164	90	42	132	14	19	33	212	130	342	65	35	100	0	1	1	652	474	1,126
„ 30 „ 40 „ ..	161	214	285	60	58	118	66	92	158	125	76	201	95	60	155	37	24	61	96	115	211	106	56	162	0	3	3	746	608	1,354
„ 40 „ 50 „ ..	130	130	260	84	69	153	71	126	197	133	86	219	87	63	150	48	41	89	99	86	185	127	70	197	2	0	2	781	671	1,452
„ 50 „ 60 „ ..	112	145	257	110	81	191	66	143	209	110	71	181	76	73	149	69	81	150	92	118	210	118	81	199	2	5	7	755	798	1,553
„ 60 „ 70 „ ..	94	101	195	95	70	165	83	113	196	95	63	158	56	50	106	58	73	131	69	102	171	95	93	188	2	6	8	647	671	1,318
„ 70 „ 80 „ ..	40	45	85	40	26	66	39	64	103	38	32	70	31	35	66	19	20	39	29	42	71	50	49	99	0	4	4	286	317	603
„ 80 „ 90 „ ..	5	11	16	5	3	8	5	5	10	3	8	11	6	7	13	4	3	7	8	15	23	17	17	34	1	1	2	54	70	124
Upwards of 90 ..	0	3	3		..			..			..			..			..		2	3	5		..		0	2	2	2	8	10
Unknown	12	13	25	9	3	12	6	7	13		..		9	2	11	3	5	8		..			..			..		39	30	69
Totals ..	683	697	1,380	446	335	781	409	629	1,038	626	443	1,069	632	426	1,058	256	273	529	741	714	1,455	610	413	1,023	8	22	30	4,411	3,952	8,363

TABLE V.—LENGTH OF RESIDENCE OF PATIENTS DISCHARGED "RECOVERED" DURING 1944

Length of Residence.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall.			Totals.		
	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.	M.	F.	T.
Under 1 month ..	1	2	3		..		0	1	1	2	3	5		..			..			..			..			..		3	6	9
From 1 to 3 months ..	6	5	11	1	0	1	0	3	3	13	17	30		..			..		6	1	7	1	5	6		..		27	31	58
,, 3 ,, 6 ,, ..	2	3	5	0	3	3	0	1	1	14	26	40		..			..		2	0	2	2	2	4		..		20	35	55
,, 6 ,, 9 ,, ..	8	11	19	2	3	5	0	4	4	9	15	24	0	2	2		..		6	7	13	2	2	4		..		27	44	71
,, 9 ,, 12 ,, ..	9	5	14		..		4	6	10	2	7	9	1	0	1	1	0	1	2	9	11	1	0	1		..		20	27	47
,, 1 ,, 2 years ..	8	10	18	0	1	1	2	3	5	2	11	13	2	4	6	1	2	3	4	7	11	2	2	4		..		21	40	61
,, 2 ,, 3 ,, ..	1	8	9		..		1	3	4	2	3	5	1	2	3	0	1	1	0	4	4	1	0	1		..		6	21	27
,, 3 ,, 5 ,, ..	2	2	4	0	2	2	1	0	1	0	1	1		..			..		3	5	8		..			..		6	10	16
,, 5 ,, 7 ,, ..	1	0	1	0	1	1		..		1	0	1		..			..		1	1	2		..			..		3	2	5
,, 7 ,, 10 ,, ..		..			..			..		2	0	2	1	0	1		..		0	1	1		..			..		3	1	4
,, 10 ,, 12 ,, ..		..			..			..			..		0	1	1		..		1	0	1		..			..		1	1	2
,, 12 ,, 15 ,, ..		..			..			..			..			..			..			..			..			..			..	
Over 15 years ..		..			..			..			..			..			..			..			..			..			..	
Totals ..	38	46	84	3	10	13	8	21	29	47	83	130	5	9	14	2	3	5	25	35	60	9	11	20		..		137	218	355

Table VI.—Causes of Death, 1944

Causes.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	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.	M.	F.	T.
I.—General Diseases																														
Tuberculosis—																														
General	1	0	1		..			..			..			..			..		2	0	2	1	0	1		..		4	0	4
Lungs	4	2	6	0	2	2	0	1	1	2	1	3	5	1	6		..		0	2	2	1	1	2		..		12	10	22
Intestines		..			..			..			..			..			..		1	1	2		..			..		1	1	2
Cancer	4	5	9	3	0	3		..		2	1	3	2	2	4	1	0	1	0	5	5	1	1	2		..		13	14	27
Toxæmia	0	2	2		..			..		2	1	3	1	0	1	2	1	3		..		3	1	4		..		8	5	13
Typhoid	0	1	1		..			..			..			..			..			..			..			..		0	1	1
Diabetes	1	2	3		..			..			..			..			..			..			..			..		1	2	3
Bacillary dysentery	1	0	1		..			..			..			..			..			..			..			..		1	0	1
Pernicious anæmia		..			..			..			..			..			..		0	1	1		..			..		0	1	1
II.—Diseases of the Nervous System																														
Exhaustion		..		2	1	3		..			..		0	3	3		..			..			..			..		2	4	6
Exhaustion of mania	1	1	2		..			..		3	1	4		..		1	0	1		..			..			..		5	2	7
Exhaustion of melancholia	0	2	2		..			..		1	2	3		..			..		0	2	2		..			..		1	6	7
General paralysis of the insane	2	0	2		..		1	1	2	2	0	2	0	1	1		..		1	0	1	2	0	2		..		8	2	10
Cerebral hæmorrhage	2	2	4	2	1	3	0	1	1	0	1	1	1	1	2	1	0	1	4	2	6	4	0	4		..		14	8	22
Cerebral thrombosis	2	0	2		..		0	2	2	2	4	6	1	1	2	1	1	2		..		..				..		6	8	14
Epilepsy	1	0	1		..		0	1	1	6	0	6	8	1	9		..		2	1	3	3	1	4		..		20	4	24
Post encephalitic Parkinsonism		..			..		0	1	1		..			..			..			..			..			..		0	1	1
Organic brain-disease		..			..			..		2	0	2	1	1	2		..		1	0	1		..			..		4	1	5
Meningitis		..			..			..			..			..			..		0	1	1		..			..		0	1	1
III.—Diseases of the Respiratory System																														
Pneumonia—																														
Broncho	6	10	16		..		0	2	2	4	7	11	3	2	5	1	1	2	1	2	3		..			..		15	24	39
Hypostatic	1	2	3		..		0	1	1	4	4	8		..		3	0	3	1	0	1	1	2	3	1	0	1	11	9	20
Lobar	1	1	2	1	1	2		..		2	2	4		..		1	0	1	0	1	1		..			..		5	5	10
Bronchitis		..			..			..		1	0	1	5	3	8	1	0	1		..			..			..		7	3	10
Pulmonary œdema	2	0	2		..			..		2	0	2		..			..			..			..			..		4	0	4
Empyema	0	1	1		..			..			..			..		1	0	1		..			..			..		1	1	2
Pulmonary embolism		..			..			..		0	1	1		..			..			..			..			..		0	1	1
IV.—Diseases of the Circulatory System																														
Heart-disease	9	5	14	4	2	6	10	10	20	18	9	27	3	0	3	10	2	12	5	7	12	16	16	32		..		75	51	126
Arterio-sclerosis	4	3	7	2	1	3		..			..		1	1	2		..		1	0	1	13	0	13		..		21	5	26
Coronary occlusion	1	0	1	4	0	4	0	2	2	2	4	6	1	1	2		..		1	0	1		..			..		9	7	16
V.—Diseases of the Digestive System																														
Enteritis		..			..			..		1	2	3	5	0	5		..			..		2	0	2		..		8	2	10
Colitis		..			..			..			..		0	1	1		..			..		1	0	1		..		1	1	2
Intestinal obstruction	1	1	2		..			..			..			..			..			..			..			..		1	1	2

VI.—Diseases of the Urinary System																														
Uræmia	1	1	2	..			..			..			..			..			0	1	1	..			..			1	2	3
Nephritis		..		..			..			..			0	1	1	..			..			..			..			0	1	1
VII.—Old Age																														
Senile decay	5	5	10	0	1	1	5	4	9	13	10	23	9	4	13	1	0	1	12	23	35	4	4	8	1	0	1	50	51	101
VIII.—External Causes																														
Suicide	0	1	1	..			..			..			..			0	1	1	1	1	2	0	1	1	..			1	4	5
Asphyxia		..		..			0	1	1	..			..			..			0	1	1	..			..			0	2	2
Fracture of skull		..		..			..			1	0	1	..			..			..			..			..			1	0	1
Dislocated vertebræ		..		..			1	0	1	..			..			..			..			..			..			1	0	1
IX.—Died whilst on Probation	4	1	5	0	1	1	..			2	1	3	3	0	3	..			4	4	8	2	1	3	..			15	8	23
Totals	54	48	102	18	10	28	17	27	44	72	51	123	49	24	73	24	6	30	37	55	92	54	28	82	2	0	2	327	249	576

TABLE VII. PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1944

	Auckland.		Kingseat.		Tokanui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seacliff.		Ashburn Hall (Private Mental Hospital).		Totals.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Alcohol	2	2	..		..		2	1	..		..		2	1	..		..		6	4
Arterio-sclerosis ..	1	9	..		1	0	0	1	..		..		1	0	2	7	..		5	17
Congenital	11	12	5	5	7	3	22	9	49	22	1	0	27	33	9	9	..		131	93
Climacteric	..		0	2	0	2	0	9	1	4	..		0	3	..		..		1	20
Constitutional ..	50	22	0	8	1	10	38	43	..		1	3	16	7	..		..		106	93
Epilepsy	1	3	0	1	4	2	6	5	..		1	1	4	2	2	2	..		18	16
Ill-health	5	1	..		..		..		0	1	0	1	..		..		..		5	3
Involution	3	26	..		0	1	1	2	..		1	3	1	6	2	4	..		8	42
Encephalitis	0	1	..		..		..		..		..		..		..		..		0	1
Heredity	0	1	0	1	5	24	4	10	6	6	..		0	2	..		..		15	44
Mental stress ..	0	12	2	4	15	6	17	20	3	2	..		25	34	17	32	..		79	110
Organic brain-disease ..	4	2	..		0	1	0	5	0	1	..		2	0	..		..		6	9
Previous attack ..	23	35	3	3	1	0	40	43	0	5	3	4	5	18	19	26	0	1	94	135
Puberty or adolescence ..	0	2	..		..		1	2	0	1	..		2	1	0	2	..		3	8
Puerperal	0	4	0	1	0	2	0	7	..		..		..		0	1	..		0	15
Senility	20	31	4	5	10	9	24	36	9	7	2	1	22	43	20	14	..		111	146
Syphilis	4	0	..		1	1	2	0	0	1	..		..		2	0	..		9	2
Toxic	0	4	..		1	1	..		..		..		..		..		..		1	5
Trauma	..		..		..		1	0	..		1	0	..		..		..		2	0
Transfers	18	13	43	4	4	17	10	12	2	2	13	5	13	2	4	3	..		107	58
Totals ..	142	180	57	34	50	79	168	205	70	52	23	18	120	152	77	100	0	1	707	821

TABLE VIII.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS FROM 1ST JANUARY, 1876, TO 31ST DECEMBER, 1944 (EXCLUDING TRANSFERS)

				M.	F.	T.
In hospital, 31st December, 1875				482	254	736
Admissions				27,603	22,480	50,083
				28,085	22,734	50,819
Discharged	M.	F.	T.			
Recovered	9,318	8,639	17,957			
Not recovered	3,300	2,984	6,284			
Died	11,056	7,159	18,215			
				23,674	18,782	42,456
Remaining on 31st December, 1944				4,411	3,952	8,363

TABLE IX.—SUMMARY OF TOTAL ADMISSIONS: PERCENTAGE OF CASES SINCE THE YEAR 1876

	Males.	Females.	Both Sexes.
Recovered	33·17	38·00	35·33
Unrecovered	11·75	13·13	12·37
Died	39·37	31·49	35·84
Remaining	15·71	17·38	16·46
	100·00	100·00	100·00

TABLE X.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS, WITH THE MEAN ANNUAL MORTALITY AND PROPORTION OF RECOVERIES PER CENT. OF THE ADMISSIONS, FOR EACH YEAR SINCE 1ST JANUARY, 1897

Year.	Admitted.			Discharged. Recovered.			Discharged. Relieved.			Discharged. Not Improved.			Died.			Remaining, 31st December in each Year.			Average Numbers resident.			Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Numbers resident.		
	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.
1897 ..	284	193	477	102	73	175	17	12	29	10	..	10	105	43	148	1,440	990	2,430	1,411	944	2,355	35·92	37·82	36·69	7·44	4·55	6·28
1898 ..	254	212	466	114	110	224	13	23	36	7	1	8	88	60	148	1,472	1,008	2,480	1,438	973	2,411	44·88	51·89	48·07	6·12	6·17	6·14
1899 ..	259	199	458	88	99	187	15	19	34	2	1	3	114	43	157	1,512	1,045	2,557	1,487	1,004	2,491	33·98	49·49	40·83	7·67	4·28	6·30
1900 ..	300	202	502	103	96	199	29	10	39	..	4	4	99	46	145	1,581	1,091	2,672	1,534	1,049	2,583	34·33	47·54	39·64	6·45	4·38	5·61
1901 ..	320	223	543	125	104	229	20	17	37	..	2	2	102	72	174	1,654	1,119	2,773	1,622	1,094	2,716	39·06	46·64	42·17	6·29	6·58	6·41
1902 ..	352	192	544	135	99	234	26	15	41	10	9	19	120	55	175	1,715	1,133	2,848	1,671	1,114	2,785	38·35	51·56	43·01	7·18	4·94	6·28
1903 ..	355	226	581	144	101	245	26	24	50	..	2	2	129	44	173	1,771	1,188	2,959	1,741	1,160	2,901	40·56	44·69	42·17	7·41	3·79	5·96
1904 ..	332	236	568	157	106	263	24	11	35	1	..	1	120	70	190	1,801	1,237	3,038	1,780	1,198	2,978	47·59	44·91	46·30	6·74	5·84	6·38
1905 ..	360	251	611	149	121	270	29	24	53	..	..	..	147	67	214	1,836	1,276	3,112	1,796	1,232	3,028	41·39	48·21	44·19	8·18	5·44	7·07
1906 ..	395	264	659	157	126	283	28	22	50	..	1	1	146	85	231	1,900	1,306	3,206	1,823	1,265	3,088	39·75	47·73	42·94	8·01	6·71	7·48
1907 ..	359	241	600	160	139	299	22	13	35	..	..	..	168	64	232	1,909	1,331	3,240	1,851	1,285	3,136	44·29	57·68	49·84	9·08	4·98	7·39
1908 ..	426	318	744	180	146	326	19	12	21	1	..	1	148	74	222	1,997	1,417	3,414	1,894	1,346	3,240	42·25	45·91	43·82	7·81	5·50	6·85
1909 ..	419	297	716	179	170	349	27	11	28	1	..	1	136	68	204	2,083	1,465	3,548	1,970	1,404	3,374	42·72	57·24	48·74	6·90	4·84	6·00
1910 ..	474	314	788	182	145	327	9	27	56	..	..	..	186	97	283	2,160	1,510	3,670	2,028	1,445	3,473	38·40	46·18	41·50	9·17	6·71	8·15
1911 ..	448	317	765	163	168	331	23	16	39	4	2	6	198	105	303	2,220	1,536	3,756	2,105	1,496	3,601	36·38	53·00	43·27	9·41	7·02	8·41
1912 ..	458	381	839	184	141	325	17	44	61	11	5	16	193	87	280	2,273	1,640	3,913	2,146	1,551	3,697	40·17	37·01	38·74	8·99	5·61	7·57
1913 ..	466	318	784	175	162	337	35	48	83	1	5	6	196	111	307	2,332	1,632	3,964	2,252	1,597	3,849	37·55	50·94	42·98	8·70	6·96	7·98
1914 ..	509	359	868	207	162	369	27	29	56	6	9	15	193	88	281	2,408	1,703	4,111	2,309	1,641	3,950	40·67	45·12	42·51	8·36	5·36	7·11
1915 ..	450	361	811	202	157	359	26	32	58	10	11	21	172	112	284	2,448	1,752	4,200	2,391	1,703	4,094	44·89	43·21	44·88	7·19	6·58	6·94
1916 .	518	361	879	160	171	331	35	34	69	7	8	15	209	80	289	2,555	1,820	4,375	2,483	1,768	4,251	30·89	47·37	37·66	8·42	4·52	6·80
1917 ..	470	374	844	171	152	323	32	20	52	6	5	11	205	113	318	2,611	1,904	4,515	2,543	1,825	4,368	36·38	40·64	38·27	8·06	6·19	7·28
1918 ..	437	402	839	142	141	283	17	36	53	12	12	24	274	174	448	2,603	1,943	4,546	2,602	1,899	4,501	32·49	35·07	33·73	10·53	9·16	9·95
1919 ..	512	371	883	190	147	337	37	44	81	9	13	22	212	130	342	2,667	1,980	4,647	2,620	1,907	4,527	37·11	39·62	38·17	8·09	6·82	7·55
1920 ..	455	418	873	162	148	310	27	37	64	6	10	16	210	166	376	2,717	2,037	4,754	2,674	1,980	4,654	35·63	35·32	35·51	7·85	8·40	8·08
1921 ..	479	402	881	178	193	371	30	21	51	15	9	24	201	117	318	2,772	2,099	4,871	2,723	2,031	4,754	37·23	47·88	42·11	7·38	5·76	6·69
1922 ..	453	386	839	156	157	313	32	20	52	10	8	18	211	184	395	2,816	2,116	4,932	2,747	2,062	4,809	34·44	40·67	37·31	7·67	8·92	8·21
1923 ..	442	366	808	168	151	319	42	38	80	15	5	20	194	131	325	2,839	2,157	4,996	2,789	2,079	4,868	38·00	41·25	39·48	6·95	6·30	6·67
1924 ..	446	377	823	152	128	280	30	42	72	9	11	20	221	95	316	2,873	2,258	5,131	2,808	2,146	4,953	34·08	33·95	34·02	7·87	4·42	6·37
1925 ..	445	430	875	144	175	319	29	37	66	23	17	40	201	123	324	2,921	2,336	5,257	2,830	2,203	5,033	32·36	40·69	36·45	7·45	5·57	6·43
1926 ..	508	439	947	136	145	281	27	35	62	15	25	40	207	147	354	3,044	2,423	5,467	2,926	2,287	5,213	26·18	30·75	29·67	6·16	6·42	6·77
1927 ..	531	414	945	157	128	285	40	42	82	14	9	23	217	132	349	3,147	2,526	5,673	3,022	2,373	5,395	29·56	30·91	30·16	7·17	5·65	6·47
1928 ..	506	450	956	115	134	249	40	40	80	17	13	30	207	161	368	3,274	2,628	5,902	3,120	2,459	5,579	22·72	29·77	26·04	6·63	6·55	6·59
1929 ..	549	407	956	145	144	289	30	28	58	22	16	38	227	153	380	3,399	2,694	6,093	3,215	2,495	5,710	26·41	35·37	30·23	7·06	6·13	6·65
1930 ..	621	474	1,095	138	128	266	28	34	62	31	23	54	251	172	423	3,572	2,811	6,383	3,342	2,590	5,932	22·22	27·00	24·29	7·51	6·64	7·15
1931 ..	587	476	1,063	127	120	247	29	30	59	29	30	59	221	199	420	3,753	2,908	6,661	3,503	2,696	6,199	21·64	25·21	23·37	6·31	7·39	6·76
1932 ..	587	484	1,071	141	160	301	39	42	81	38	41	79	219	169	388	3,903	2,980	6,883	3,681	2,738	6,419	24·02	33·05	28·10	5·97	6·17	6·06
1933 ..	563	554	1,117	117	144	261	35	27	62	28	22	50	221	124	345	4,065	3,217	7,282	3,809	2,932	6,741	20·78	25·99	23·36	5·80	4·23	5·16
1934 ..	479	504	983	114	146	260	64	72	136	..	..	..	233	203	436	4,133	3,300	7,433	3,899	3,039	6,938	23·80	28·97	26·45	5·98	6·68	6·28
1935 ..	567	502	1,069	117	136	253	72	55	127	..	..	..	229	206	435	4,282	3,405	7,687	4,003	3,111	7,114	20·63	27·09	23·67	5·72	6·62	6·11
1936 ..	553	556	1,109	121	149	270	105	96	201	..	..	..	252	213	465	4,357	3,503	7,860	4,093	3,195	7,288	21·88	26·80	26·76	6·18	6·66	6·38
1937 ..	557	567	1,124	180	179	359	121	110	231	..	..	..	261	236	497	4,352	3,545	7,897	4,112	3,272	7,384	32·32	31·57	31·94	6·35	7·21	6·73
1938 ..	527	575	1,102	170	210	380	140	135	275	..	..	..	273	274	547	4,293	3,501	7,797	4,129	3,287	7,416	32·26	36·52	34·48	6·61	8·33	7·38
1939 ..	603	595	1,198	147	181	328	132	125	257	..	..	..	251	209	460	4,369	3,581	7,950	4,106	3,320	7,426	24·38	30·42	27·38	6·11	6·30	6·19
1940 ..	553	595	1,148	153	188	341	135	95	230	..	..	..	281	215	496	4,353	3,678	8,031	4,168	3,422	7,590	27·67	31·60	29·70	6·74	6·28	6·53
1941 ..	605	637	1,242	128	186	314	130	130	260	..	..	..	297	260	557	4,404	3,738	8,142	4,192	3,474	7,666	21·12	29·09	25·20	7·08	7·48	7·27
1942 ..	563	648	1,211	146	197	343	126	152	278	..	..	..	313	343	656	4,383	3,693	8,076	4,189	3,498	7,687	25·09	30·56	28·41	7·47	9·81	8·53
1943 ..	550	658	1,208	138	223	361	138	119	257	..	..	..	281	263	544	4,376	3,746	8,122	4,181	3,513	7,694	25·09	33·89	29·88	6·72	7·49	7·07
1944 ..	600	763	1,363	137	218	355	101	90	191	..	..	..	327	249	576	4,411	3,952	8,363	4,231	3,640	7,871	22·83	28·57	26·05	7·73	6·84	7·32
	27,324	22,322	49,646	9,214	8,568	17,783	3,276	2,967	6,243	..	..	..	10,970	7,127	18,097	..	..	..	..	..	..	..	..	..	..	..	..

Excluding transfers between institutions—3,627 males, 3,077 females.

Table XI.—Debits for the Financial Year, 1944–45

—	Auckland.	Kingseat.	Tokanui.	Porirua.	Nelson.	Hokitika.	Christchurch.	Seacliff.	Head Office.	Totals.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Salaries, including overtime	72,351 12 9	36,238 17 5	54,632 16 2	83,260 15 6	56,510 14 9	32,034 5 6	83,860 11 2	77,504 12 7	9,156 1 8	505,550 7 6
Official visitors	52 10 0	..	..	14 11 8	..	11 11 0	25 4 0	..	..	103 16 8
Advertising, books, &c.	5 3 6	17 13 0	9 5 7	6 17 9	4 15 9	5 6 7	6 3 1	4 11 1	178 17 9	238 14 1
Bacteriological research	266 7 6	13 10 6	10 10 0	152 7 6	32 13 6	..	51 10 4	6 2 3	..	533 1 7
Bedding and clothing	6,405 0 1	7,085 19 8	3,466 14 3	9,714 8 1	6,059 9 6	3,743 10 6	5,811 11 3	5,512 5 11	..	47,798 19 3
Buildings, including additions, &c.	800 10 4	648 13 7	957 6 11	523 9 5	478 9 9	357 14 5	935 10 1	1,071 8 1	..	5,773 2 7
Dental services	1 5 0	0 15 0	1 14 0	17 11 10	30 19 9	6 13 6	30 19 1	13 10 0	..	103 8 2
Farms, maintenance of	1,842 17 9	1,897 19 3	4,456 16 6	3,049 14 10	1,551 15 7	591 6 2	1,605 17 2	3,050 5 9	..	18,046 13 0
Fencing, draining, and roading	26 13 1	13 7 6	88 12 4	160 9 10	33 16 5	18 0 10	77 19 5	99 10 3	..	518 9 8
Freight, cartage, and transport	111 13 5	487 9 7	769 12 8	397 9 9	317 18 8	78 2 7	306 10 1	105 13 8	..	2,574 10 5
Fuel, light, water, &c.	7,693 15 10	4,079 16 4	7,568 5 4	9,534 3 7	9,769 1 3	3,038 14 5	9,568 16 3	5,829 4 8	35 4 4	57,117 2 0
Funeral expenses	41 5 0	87 10 0	72 5 0	80 0 0	221 10 0	123 10 0	102 0 0	112 15 0	..	840 15 0
Furniture and fittings	156 11 8	492 10 2	432 18 7	484 9 9	627 0 2	296 11 4	913 13 0	508 15 11	5 10 0	3,918 0 7
Gardens and shrubberies	59 0 4	157 17 1	67 18 8	155 9 7	27 19 6	56 11 6	148 16 3	42 2 8	..	715 15 7
Laundry	267 6 10	254 4 10	351 12 6	402 12 7	276 3 7	77 4 0	596 3 9	468 4 2	..	2,693 12 3
Machinery, repairs, and stores	160 12 11	312 17 6	550 9 1	191 13 10	181 12 10	106 13 7	224 15 4	223 10 4	..	1,952 5 5
Medical fees	662 0 1	76 12 2	192 9 8	738 10 5	153 16 6	61 0 6	561 18 1	325 7 0	..	2,771 14 5
Motor-vehicles—										
Maintenance of	26 6 6	104 8 3	446 12 6	190 3 11	101 6 0	36 14 8	322 1 3	247 4 4	..	1,474 17 5
Purchase of	..	140 9 3	470 3 4	..	..	..	515 6 4	..	..	1,125 18 11
Nursing staff uniforms	577 15 11	148 2 4	287 5 10	237 0 11	515 0 11	251 8 3	449 18 2	417 5 4	..	2,883 17 8
Office equipment	2 12 0	1 15 0	9 11 0	3 18 2	0 4 0	8 19 6	0 12 6	3 11 4	41 10 9	72 14 3
Patients, expenses connected with—										
Friends	..	..	..	..	..	..	..	..	..	..
Gratuities	2 5 0	..	1 12 6	66 0 0	143 7 9	..	..	25 19 1	..	239 4 4
Recreation	1,152 1 1	710 12 4	795 18 11	1,140 12 2	759 9 5	484 12 9	1,116 19 8	1,030 13 11	..	7,191 0 3
Transfer	37 8 3	5 13 10	7 18 7	71 6 11	12 2 3	26 5 10	35 8 9	15 7 3	..	211 11 8
Postages, telegrams, &c.	129 14 3	77 5 7	276 5 10	238 10 9	106 19 4	43 17 5	183 11 11	165 8 3	72 8 10	1,294 2 2
Printing and stationery	154 15 6	120 8 10	145 14 7	242 19 10	147 14 11	98 19 6	179 11 7	139 11 10	97 17 7	1,327 14 2
Rations	22,461 1 10	11,446 6 4	14,092 5 3	20,968 13 8	13,723 12 0	8,345 19 10	21,530 18 3	16,026 13 2	..	128,595 10 4
Rents and rates	5 14 0	..	1,192 16 10	..	7 12 4	..	518 16 8	30 0 0	574 5 3	2,329 5 1
Stores	2,159 9 1	1,592 19 4	2,018 18 1	2,280 19 8	1,916 10 10	805 13 2	3,051 3 3	1,915 12 7	..	15,741 6 0
Surgery and dispensary, drugs, &c.	1,062 0 9	806 4 6	699 16 9	969 6 3	808 7 2	318 17 3	1,159 16 6	1,179 13 0	..	7,004 2 2
Telephone services	94 4 7	161 8 2	178 2 5	207 5 9	111 14 10	37 6 8	142 9 3	218 9 5	125 6 2	1,276 7 3
Transfer and removal expenses	14 0 9	69 15 11	29 0 4	60 4 10	131 10 4	42 9 9	38 5 1	350 18 6	8 2 5	744 7 11
Travelling-allowances	155 1 6	130 12 2	259 5 10	26 19 6	74 11 10	38 2 3	131 8 4	414 6 7	297 11 6	1,527 19 6
Travelling-expenses	296 2 5	42 8 10	294 6 5	105 17 6	47 16 11	6 6 7	48 8 11	187 14 4	224 7 0	1,253 8 11
Treatment in general hospitals—										
Patients	29 5 0	24 0 0	32 8 6	52 10 0	0 12 6	..	2 10 0	9 2 6	..	150 8 6
Staff	5 7 0	1 1 0	51 2 6	0 10 6	37 5 6	26 5 0	0 10 6	9 17 0	..	131 19 0
Compensation under the Workers' Compensation Act	..	..	28 0 0	625 0 0	..	..	..	..	..	653 0 0
Grants to widows or relatives of deceased officers	62 4 8	..	..	105 5 1	..	..	..	100 0 0	..	267 9 9
Contingencies and miscellaneous	30 7 2	9 16 0	51 12 6	140 8 0	34 0 5	5 15 0	105 4 0	4 3 6	..	381 6 7
Totals	119,362 3 4	67,459 1 3	94,998 5 9	136,618 9 4	94,957 16 9	51,184 9 10	134,360 19 3	117,369 11 3	10,817 3 3	827,128 0 0

Table XIa.—Credits for the Financial Year, 1944–45

—	Auckland.	Kingseat.	Tokanui.	Porirua.	Nelson.	Hokitika.	Christchurch.	Seacliff.	Head Office.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Receipts from maintenance* ..	2,181 3 6	1,128 16 6	754 8 5	923 11 11	368 17 2	421 5 7	1,396 17 3	1,032 15 1	..	8,207 15 5
Contribution from Social Security Fund	30,899 2 6	17,593 8 9	23,828 0 0	25,025 5 0	23,760 8 9	11,976 8 9	31,869 7 6	22,990 1 3	..	187,942 2 6
Receipts from farms	1,130 4 10	1,696 14 8	4,275 2 7	2,192 18 11	2,413 7 7	223 1 7	3,703 3 1	3,621 5 7	..	19,255 18 10
Miscellaneous	6,989 15 2	3,213 2 5	4,988 1 5	10,085 17 3	5,297 14 4	2,365 19 2	7,837 18 0	7,389 2 8	8 11 7	48,176 2 0
Totals	41,200 6 0	23,632 2 4	33,845 12 5	38,227 13 1	31,840 7 10	14,986 15 1	44,807 5 10	35,033 4 7	8 11 7	263,581 18 9

* Outstanding accounts as at 31st March, 1939.

Table XII.—Average Cost of each Patient per Annum

Mental Hospital.	Average Number Resident (inclusive of Boarders).	Salaries.	Bedding and Clothing.	Buildings and Repairs.	Farm.	Fuel, Light, Water, and Cleaning.	Provisions.	Surgery and Dispensary.	Miscellaneous.	Total Cost per Patient. (a)	Contributions from Social Security Fund.	Other Repayments. (b)	Net Cost per Patient. (b)	Net Cost Previous Year.	Decrease in 1944–45.	Increase in 1944–45.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Auckland	1,356	53 7 1	4 14 6	0 11 10	1 7 2	5 13 6	16 11 3	0 15 8	4 19 6	88 0 6	22 15 10	5 19 9	59 4 11	56 11 6	..	2 13 5
Kingseat	772	46 18 10	9 3 7	0 16 10	2 9 2	5 5 8	14 16 6	1 0 11	6 16 2	87 7 8	22 15 10	6 7 2	58 4 8	51 16 5	..	6 8 3
Tokanui	1,046	52 4 7	3 6 3	0 18 4	4 5 3	7 4 8	13 9 5	0 13 5	8 14 6	90 16 5	22 15 10	8 17 1	59 3 6	59 6 5	0 2 11	..
Porirua	1,099	75 15 3	8 16 9	0 9 6	2 15 6	8 13 6	19 1 7	0 17 8	7 16 6	124 6 3	22 15 10	11 3 5	90 7 0	82 11 0	..	7 16 0
Nelson	1,042	54 4 8	5 16 4	0 9 2	1 9 9	9 7 6	13 3 5	0 15 6	5 16 3	91 2 7	22 15 10	7 8 0	60 18 9	52 9 9	..	8 9 0
Hokitika	525	61 0 5	7 2 7	0 13 8	1 2 6	5 15 9	15 17 11	0 12 2	5 4 11	97 9 11	22 15 10	4 18 8	69 15 5	68 18 4	..	0 17 1
Christchurch	1,298	59 19 8	4 3 2	0 13 5	1 3 0	6 16 11	15 8 0	0 16 7	7 1 5	96 2 2	22 15 10	8 5 1	65 1 3	59 14 9	..	5 6 6
Seacliff	1,008	76 17 10	5 9 4	1 1 3	3 0 6	5 15 8	15 18 0	1 3 5	7 2 9	116 8 9	22 15 10	10 18 6	82 14 5	75 6 2	..	7 8 3
Head Office	8,246	1 2 3	..	..	..	0 0 1	..	..	0 3 11	1 6 3	..	..	1 6 3	1 5 0	..	0 1 3
Total average cost ..	8,246	61 6 2	5 15 11	0 14 0	2 3 9	6 18 6	15 11 11	0 17 0	6 18 10	100 6 1	22 15 10	8 3 7	69 6 8	64 4 8	..	5 2 0

Notes.—(a) Cost does not include interest and depreciation on land, buildings, &c.
(b) "Receipts from Maintenance" shown in Table XIa not included.

TABLE XIII.—EXPENDITURE OF PUBLIC WORKS FUND ON MENTAL HOSPITAL BUILDINGS, ETC., DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1945

Mental Hospitals.	Net Expenditure for Year ended 31st March, 1945.
	£
Auckland	2,504
Christchurch	766
Hokitika	180
Nelson and Stoke	37
Porirua	20,623
Kingseat	424
Seacliff	6 526
Tokanui	1
Marton	6,680
	37,741

TABLE XIV.—TOTAL EXPENDITURE OF PUBLIC WORKS FUND FOR BUILDING AND EQUIPMENT AT EACH MENTAL HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1945

Mental Hospitals.	1877–1935.	1935–36.	1936–37.	1937–38.	1938–39.	1939–40.	1940–41.	1941–42.	1942–43.	1943–44.	1944–45.	Total Net Expenditure, 1st July, 1877, to 31st March, 1945.
	£	£	£	£	£	£	£	£	£	£	£	£
Auckland	233,815	307	842	5,658	907	7,118	2,659	885	327	1,983	2,504	257,005
Christchurch	330,916	12,397	23,970	16,397	6,784	17,252	13,326	6,815	1,885	2,210	766	432,718
Dunedin (The Camp) ..	4,891	..	..	..	..	..	..	..	..	..	..	4,891
Hokitika	89,748	2,739	7,580	2,097	1,140	26,793	10,233	23,944	3,842	125	180	168,421
Hornby	11,102	..	..	..	..	..	..	..	..	..	..	11,102
Motuihi Island	561	..	..	..	..	..	..	..	..	..	..	561
Napier	147	..	..	..	..	..	..	..	..	..	..	147
Nelson and Stoke ..	171,122	18,307	16,218	2,234	15,458	39,469	34,119	11,957	1,010	4	37	309,935
Puhitahi (Kingseat) ..	108,063	21,973	65,192	52,144	71,149	62,896	45,095	25,052	3,569	637	424	456,194
Seacliff	310,695	1,453	2,958	570	2,527	1,082	707	1,855	1,301	..	181	323,329
Tokanui	226,961	12,682	18,839	2,855	6,903	9,922	13,662	2,128	112	1	1	294,066
Waitati	32,321	..	..	..	..	..	..	..	..	..	6,345	38,666
Wellington	29,641	..	..	..	..	..	..	..	..	..	..	29,641
Wellington (Porirua) ..	346,529	..	6,510	20,502	23,948	10,894	6,843	7,191	3,485	83,253	20,623	529,778
Marton	..	..	..	..	..	..	..	..	..	519	6,680	7,199
Totals	1,896,512	69,858	142,109	102,457	128,816	175,426	126,644	79,827	15,531	88,732	37,741	2,863,653

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