

1941.
NEW ZEALAND.

MENTAL HOSPITALS OF THE DOMINION.

(REPORT ON) FOR 1940.

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, 1941.

I have the honour to present my annual report upon the work of the Department of Mental Hospitals for the year ending 31st December, 1940.

STATISTICAL.

There were 8,370 names of persons upon our register at the end of the year, including 40 patients and boarders at Ashburn Hall private licensed institution and 624 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 7,706 persons—an increase of 17 compared with the previous year—and of this number 7,391 were subject to a reception order, whilst 312 were voluntary boarders.

There was a decrease of 50 in the number of those admitted for the first time, and 355 ex-patients and boarders returned for further treatment.

Of all classes of admissions we were able to discharge 906, or 59.2 per cent., calculated upon the number admitted, but no more than 516, or 31.08 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."

We discharged 107 persons suffering from congenital mental deficiency. These patients do not recover, but many have sufficiently stabilized to be left in the care of friends and relatives, and a number have been absorbed into remunerative employment.

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	136	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	49	55	95	179	142	322	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	61	45	109	167	136	303	14	7	21	6	10	16	163	122	285	178	159	337
1938	141	165	306	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	379	18	18	36	10	12	22	176	167	343	171	168	339

ALTERATIONS, ADDITIONS, AND IMPROVEMENTS.

Capital expenditure incurred upon new buildings, additions, and improvements amounted to £126,644 during the year, made up of the following items:

Auckland (£2,659).

Additions to the Nurses' Home and the erection of a new hairdressing-saloon have been completed.

A new glasshouse has been erected.

The general roading has been improved during the year.

Kingscat (£45,095).

The Nurses' Home is almost ready for occupation.
 A start has been made on the erection of seventeen staff residences.
 Two villas have been renovated and painted.
 Roading, drainage, and water-supply services have been extended where necessary.
 A new glasshouse has been erected.

Tokanui (£13,662).

The villa for male patients has been completed.
 The general roading has been improved and extended where necessary.
 The electrical reticulation has been overhauled.

Porirua (£6,843).

A suitable building for occupational therapy work has been provided by alteration of the old workshop.

Extensive repairs to the cow-byres have been started.
 Work on the sewerage system has continued during the year.

Nelson and Ngawhatu (£34,119).

Three male villas have been completed.
 Roading has been extended and improved.

Hokitika (£10,233).

A new butcher's shop is in course of erection.
 The new Nurses' Home is nearing completion.
 Extensions to the laundry and installation of new machinery will be completed at an early date.
 Improvements have been carried out to the water-supply.

Christchurch (£6,032).

Alterations have been made to the main store.
 New laundry equipment has been installed.

Templeton Farm Colony (£7,294).

A new male villa is in course of erection.

Seacliff (£707).

The telephone system has been overhauled.
 The water-supply has been improved.

Programme for Current Year.

Subject to modification due to war conditions, the principal proposals for the ensuing year are :—
Auckland.—It is proposed to rebuild the boiler-house on a new site.

It is hoped to provide an occupational block for Male 3 patients.

Kingscat.—Seventeen staff cottages are being erected.

Tokanui.—Negotiations have been entered into with the County Council for the tar-sealing of the Otorohanga—Te Mawhai Road.

Plans are well forwarded for the new services block.

Porirua.—The provision of separate dining-rooms, additional office accommodation, and enlargement of the main hall are all under consideration.

Nelson.—Plans are in preparation for the rebuilding on the villa system of the old Nelson City Mental Hospital.

Hokitika.—The Nurses's Home is in course of erection, and its completion will pave the way for additional store accommodation.

Christchurch.—A new villa at Jenkins Farm is under construction.

Improvements to the children's playground and the erection of additional farm sheds at Templeton are to be proceeded with.

Seacliff.—The main building at Waitati is overdue for replacement and plans are being considered.

THE STAFF.

Our male staff has made a good response to the call to service, and four of our medical officers and one hundred other officers from the clerical, nursing, and artisan staff have gone overseas.

Most of the staff who are eligible have been and are being released for training in the territorial camps. These absent officers have been replaced, so far as possible, by the engagement on a temporary basis of men ineligible for service, and so far we have had remarkably little interruptions of normal routine.

Many of our senior officers have sons and daughters on active service, and to them we extend good wishes for health and safety.

As could be expected, many of our nurses have married men about to go on active service, and we have so far as possible retained their services, thus benefiting both the nurse and the Department.

The shortage of suitable female trainees persists, and it is little consolation to know that a similar scarcity is being experienced in other countries.

A recent amendment to the Nurses and Midwives Registration Act enables our trainees, after following the prescribed course of study, to sit for the State Preliminary Examination for general trained nurses. This year eight of our trainees entered, and all were successful.

With a view to accelerating the promotion of our most promising younger male staff an examination to qualify for promotion to Head Attendant has been instituted, and the successful candidates have all been of a good type.

THE WAR AND MENTAL DISORDERS.

Contrary to widely expressed popular belief, there is no reason to anticipate anything but a very small incidence of mental disorders amongst our soldiers on active service. Apart from the fact that our soldiers are a specially selected group between certain age-limits, past experience has clearly demonstrated that stable, fit, and disciplined men sharing a common interest with their fellows, and actuated and exalted in a cause they believe to be a just one, can face the extremes of danger and privation without losing their mental balance.

It is of interest to note that out of approximately 6,000,000 troops who served between 1914 and 1918, the cases of insanity regarded as caused or aggravated by war numbered only 13,030.

In New Zealand during approximately the same period only 264 soldiers who had served overseas were admitted to mental hospitals.

Similar considerations would seem to apply to the civilian population of Great Britain to-day, as reports all seem to indicate that, in spite of the front-line positions of civilians, there has been no appreciable increase in the incidence of mental disorders.

Experience of the last war indicated that the less stable and those who are mentally less well equipped than what we regard as "normal" would not be able to make a successful readjustment from civilian to military life. It was therefore arranged that the rolls of recruits should be submitted to this Department with a view to the removal of the names of all ex-patients from the Active Service list. This measure combined, with the disclosure under the stress of camp life of mental instability and deficiency not obvious upon first examination, has undoubtedly, prevented much wastage in training and transport.

At the time of writing—that is, after fifteen months of war—only two soldiers and two sailors who have been on active service overseas have been admitted to our hospitals, whereas in the same period twenty-one soldiers have been admitted from training camps in New Zealand.

APPRECIATION.

I desire to express my keen appreciation of the work done throughout the year by the staffs of the Department and by other helpers, many of whom act in an honorary capacity. Owing to the wartime need for abbreviation of reports it has not been possible to make individual reference to services rendered but I am none the less grateful.

T. G. GRAY, Director-General.

AUCKLAND MENTAL HOSPITAL.

DR. BUCHANAN reports:—

The total number of cases under care during the year was 1,851, with a weekly average of 1,285. The total admissions numbered 405—under certification 131 males, 151 females; by transfer 13 males, 5 females; on remand 6 males, 2 females; and as voluntary boarders 54 males and 43 females.

During the year 180 patients (87 males and 93 females) and 98 voluntary boarders (51 males, 47 females) were discharged. Transfers to other hospitals numbered 48 (22 males, 26 females).

At the end of the year 153 patients were on probation and 69 on full parole and 151 on limited parole.

I append figures relative to the Psychiatric Clinic held at the Auckland Public Hospital by Dr. Hunter and myself:

	Tuesdays.	Thursdays (Dr. Hunter.)	Total.
(1) Number of separate persons seen ..	M. 264 F. 14	132 ..	396 14
	278	132	410
(2) Number of ..			
(a) First visits .. ..	.. 165	132	297
(b) Subsequent consultations ..	.. 675	445	1,120
	840	577	1,417
(3) Sources of reference-			
Pensions Department .. ..	.. 175	93	268
Prisons Department .. ..	.. 23	..	23
Police Department .. ..	.. 5	..	5
Medical practitioners .. ..	.. 34	22	56
Voluntary calls .. ..	.. 16	3	19
Public hospital .. ..	.. 13	10	23
Social Welfare League .. ..	.. :	..	2
Officer Commanding Northern Military Com- mand .. ..	.. 2	3	5
Christchurch Mental Hospital .. ..	.. 2	1	3
Royal New Zealand Air Force .. ..	.. 2	..	2
Auckland Mental Hospital .. ..	.. 3	..	3
Public Service Commissioner .. ..	.. 1	..	1
	278	132	410

In company with Mr. E. K. Hunt, visits were regularly paid to the Inebriates' Homes on Rotoroa and Pakatoa Islands. The health of the inmates there has been satisfactory.

The addition to our staff of two specially trained Occupational Therapists from England—Miss Inman and Miss Trotter—was an event of considerable importance. We had already introduced occupational therapy to this hospital. The interest of some of our staff helped the movement to a great degree, but with the advent of the two new officers a trained directional force made itself immediately felt with most beneficial results. The work is becoming well established, and in time it will embrace the whole institution. The gradual influence of this work in chronic patient wards is specially encouraging—better behaviour and less destruction is the result of attracting the interests of the inmates. However, this is by no means an easy task.

A decided help to our occupational development was the recognition by the Health Department of our hospital as a training-school. Trainees were sent for tuition to fit them to instruct returned soldiers in therapeutic occupation when the time comes. These students, along with trainees from the Seaciff Mental Hospital, have been very helpful. They certainly had the benefit of expert training, and the practical application of their schooling was helpful both to themselves and to the patients.

The year's progress in occupational work is encouraging. However, the objective will not be actually attained until at least 90 per cent. of the inmates are engaged and interested in some form of play. The average number engaged was 55 males and 227 females.

New additions and constructions comprise a hairdressing-saloon of attractive appearance, erected in the grounds for the use of female patients, to whom it gives a considerable amount of interest, besides undoubtedly stimulating personal pride which is of therapeutic value.

The additions to the Nurses' Home have been completed.

An entrance hall to F. 7 made by the alteration of a dormitory gives an attractive introduction to the hospital to newly arrived patients.

A glasshouse was built for the nursery garden.

The usual general painting and maintenance programme was carried out, but many other minor, though important, works received attention.

The annual bazaar was held in December and, thanks to the enthusiasm of the Matron, the staff, and friends, the sum of £240 was realized.

Mrs. Morrison, an old friend of the hospital, instituted a bowling club for the women patients. This was a great success and certainly will be continued in the coming year.

Like every other hospital, we are beginning to feel the effects of the war. Many of our staff have been called up, and suitable replacements have not been easy. Our best wishes go out to those who have gone on service.

There is an inevitable shortage of Medical Officers, which throws much extra work and responsibility on those remaining. I would like to express my gratitude to my Medical Officers for the way in which they have uncomplainingly accepted the additional burden.

The nurses have formed a Patriotic Club, and during the year have provided many useful and needed articles for the Forces.

Four nurses entered for the State Preliminary Examination, and it redounds to their credit that they all passed.

We have all felt a great loss in the death of the Rev. Mr. Rattray. During the time he was associated with us he proved himself a genuine and interested friend to all.

Finally my thanks are due to all the members of the staff for their helpful work during the year.

KINGSEAT MENTAL HOSPITAL.

DR. HUNTER reports:—

The total number of patients under care during the year was 711 (381 males and 330 females), with a weekly average of 636. Patients admitted for the first time numbered 10 (5 males and 5 females) and 2 male patients and 2 female patients were readmitted during the year. Patients admitted by transfer were 96 (70 males and 26 females). Transfers to other hospitals numbered 5 (3 males and 2 females). There were 9 patients (4 males and 5 females) discharged, and there were 15 deaths (9 males and 6 females).

The total number of voluntary boarders under care during the year was 16 (10 males and 6 females), with a weekly average of 11. Boarders admitted for the first time numbered 6 (4 males and 2 females). One female was readmitted. There were 6 male boarders discharged, and there were no deaths.

The general health of both patients and staff has been excellent.

Owing to the outbreak of war there has been a slowing-down of building activity. The Nurses' Home, which was commenced the previous year, has been completed, furnished, and equipped, but the opening has been delayed due to the non-arrival of sewage pumps, which are expected in February, 1941.

The 300,000-gallon water-storage reservoir has been completed and connected with our previous supply, but the direct main from the new reservoir to the hospital, although installed, has not been connected up.

A male villa, No. 7, has been opened by the transfer of 50 patients from Porirua.

Villa 8, another villa for male patients, is being used as a temporary Nurses' Home, and the opening of the new Nurses' Home early in 1941 will release accommodation for a further 50 male patients.

The increasing number of patients and staff is overtaxing the accommodation available for entertainments. More patients than can be accommodated are wanting to attend the various entertainments and recreations. I hope that this difficulty will be overcome in the near future by the building of a hall.

I regret that the Hospital has lost, through ill health, the services of Miss M. A. McNoe, who retired on 1st December. She has been at Kingseat since 1932, when Villas 1 and 2 were opened, and, together

with Mr. Fowlie, the Head Attendant, has given of her best to promote the welfare of the patients and to bring the hospital up to its present standard of efficiency. We wish her a speedy restoration to health.

Mr. MacFarlane, who has taken a keen interest in the hospital since its commencement, and has given valuable assistance in the planning and lay-out of Kingscent, has retired from the Public Works Department. I would like to thank him for his many helpful and practical suggestions.

There is a shortage of housing accommodation for married staff, and as our single members are called up for military service the housing shortage has become more acute, making the replacement of staff difficult.

The patients have been fully occupied with constructional work on the farm, around the villas, and the Nurses' Home, in gardening, in the laundry, and in the sewing-room.

The weekly occupational classes conducted by Mrs. Waugh for the women, and the Rev. Jasper Calder during the winter for the men, have been well attended. The patients look forward to these, and there has been a marked improvement in the mental conditions and conduct of those attending.

The weekly clinic is held at the Auckland Public Hospital, where 132 new cases were treated, while there were 445 attendances. New cases were referred by the Pensions, 93; medical practitioners, 22; hospital, 10; Army, 3; spontaneous 3; other mental hospitals, 1.

TOKANUI MENTAL HOSPITAL.

DR. TOTTELL reports:—

The total number of cases under care during the year ended 31st December, 1940, was 851, including 38 voluntary boarders. Admissions numbered 160, of whom 96 were committed patients, 21 voluntary boarders, and 43 transferred from other institutions. The discharges were 38 patients under certificate, 16 voluntary boarders, and 8 transferred. Deaths totalled 30, senile decay and heart-disease being the principal causes. At the end of the year 738 patients, including 59 on probation and 16 voluntary boarders, remained on the registers.

Continued progress has been made in effecting improvements throughout the hospital.

A new male villa was completed and occupied. Modern sanitary and washing facilities have been installed in Wards F, 3, A, and C, and a veranda built on to the male staff quarters. Extensive interior and exterior painting has been carried out. The internal roading is being improved, and repairs to the electrical system are in progress. The switchboard of our local telephone was burnt out and has been replaced. This system is not very efficient, and an automatic exchange would give better service.

Erection of a new laundry is under consideration. With the increase of patients this has become an urgent necessity. A modern bakehouse and butcher's shop are also badly needed. Occupational therapy has been actively pursued. Practically all able-bodied male patients are engaged in work on the farm, in the gardens, and wards. Shortage of female staff has limited our efforts on the female side, and I would welcome the appointment of a trained occupation officer to place this work on a sound basis. The slaughterhouse, boiling-down works, and skin-room are in operation.

The power-spraying plant for the orchard has been of great benefit. The carpenter's shop was provided with a circular hand-saw, and the plumber with guillotine shears.

Difficulty in procuring nurses has necessitated the working of overtime. Thirteen of our male staff are on active military service. Our best wishes go out to them, and we wish them a safe and speedy return. Dr. Couston is overseas with the New Zealand Medical Corps, and his place has been filled by Dr. Calvert. Mr. Howie, our Head Attendant, was promoted to Porirua, and Miss McRae to Matron, B Class, at Seacliff. They had both given much valuable service to this hospital. Several members of our staff and most of their wives are actively engaged in Red Cross work, and a very successful sports carnival was held in the hospital grounds in aid of the Patriotic Fund.

PORIRUA MENTAL HOSPITAL.

DR. HART reports:—

The total number of cases under care during the year was 2,051; of these, 1,820 were the subjects of a reception order, 224 were voluntary boarders, and 7 were remanded for observation.

Admissions numbered 442—under certification 313, as voluntary boarders 122, and on remand 7. During the year 233 persons (129 committed patients and 104 boarders) were discharged.

Deaths numbered 121, and 120 transfers were made to other mental hospitals.

The usual psychiatric work has been continued outside the hospital, such as the supervision of the psychiatric wards at the Wellington Public Hospital and the out-patients' clinic at the Wellington and Palmerston North Hospitals. The number of separate cases dealt with in this work was 415, of which 238 were in-patients at the Wellington Public Hospital, 104 at the Wellington Hospital Out-patients' Clinic, and 73 at the Palmerston North Hospital Clinic.

A series of cases was treated by cardiazol during the year and the result indicates that convulsive therapy is of very real benefit in certain cases of mental disorder.

Specialized occupational work, such as weaving, spinning, basket-work, and various handicrafts, has been extended during the year. Apart from the simpler type of work undertaken in the wards, the old artisans' block has been reconstructed as a centre for female patients, whilst the old engineers' block, as portions become available, is being used as a centre for male patients. As well as the therapeutic benefits obtained, much of the work is of economic value, and the occupational therapy account is financially healthy.

New bakery and butcher-shop block were brought into use during the year, and the cool-storage facilities of the latter has provided a very desirable amenity.

The installation of the new sewage system is incomplete, and although the new boiler-house engineering block has been completed some time, war factors have delayed the installation of hot water

and steam reticulation, so that it will be some months before this unit can be brought into full use. The reorganization and re-equipping of the various hospital kitchens now remains the most urgent of the reconstruction problems.

The artisan staff has been fully occupied during the year in minor repairs and general maintenance-work, whilst the work on the farm, orchard, flower and vegetable gardens has continued as formerly.

There has been a natural shortage of nursing staff during the year, and many of the male staff have gone with the Forces overseas. In their places temporary officers have been employed who are at present not liable for military service.

I regret to have to report the death of Mr. Quill, who retired after forty years' service and died suddenly some weeks after his retirement. For many years Mr. Quill was Head Attendant at this hospital, and he will be much missed by fellow-members of the staff and his many friends in the district.

NELSON MENTAL HOSPITAL.

Dr. WILLIAMS reports :

The number of persons under care during this period was 924, of whom 896 had been admitted under reception orders and 28 as voluntary boarders.

The admissions numbered 96, including 14 voluntary boarders. The number of persons discharged was 34, including 13 voluntary boarders, and 10 patients were transferred to other institutions. There were 45 deaths.

Of the patients under care, 523 suffered mental disorder and 373 mental defect. Of the latter, 196, comprising the younger ones, were situated at Nelson; 177 adult defectives were at Ngawhata.

As was to be expected, the building and other operations have been considerably interfered with; and male villas, for example, which would normally have been occupied months ago, are not yet completed because of military requirements rendering necessary the shuffling hither and thither of many of the workmen engaged. The war has touched us in other ways, too, though comparatively lightly. A number of the male staff, whose places have been filled by temporary officers, have departed for service overseas. We hope for their safe return.

Shortage of female staff has been and is very marked, and rendered the more acute by the absorption of young women into industries directly concerned with, or stimulated by, war activities. Very much larger wages may be earned in some of these industries, so until conditions become normal again shortage must unfortunately persist.

Maintenance-work has been kept at a reasonably high level. The swimming-baths have been relined and repaired generally; tar-sealing has been continued, and concreting about many of the villas completed. Two female villas have been painted, and much other painting-work carried out by the working party regularly engaged in this.

A sewing-room and two rooms for Occupational Therapy have been made by the conversion of staff quarters in some of the female villas. Unfortunately the extreme staff shortage has prevented much expansion in this important form of treatment.

It now appears that some replacement of buildings at Nelson may be possible in the coming year. The need is really very urgent. There are other matters which need attention, too—a new telephone system and increased medical staffing are two I have in mind—but these can more readily be held over.

Following the need for greater production, farm activities and resources have been developed a good deal. Eighteen acres of gorse land in Poorman's Valley was cleared, and ploughed. One and a half acres was sown in early potatoes, and the balance in rape and turnips for fattening of lambs and for winter feed. Nearly 6 acres of potatoes have been sown on other parts, and with excellent results.

Approximately 24 acres of new pasture has been sown down, and one paddock of old pasture treated, and sown with clover, rye, and cocksfoot.

Comparative experiments in top-dressing pastures with basic slag, super, and potash, and with lime have been satisfactory, but have shown that the need for lime is much greater than that for manure.

Five Romney rams were secured this year from a noted local breeder, in order that the quality of the flock might be further improved, and it is intended to do likewise next year.

Sows have been increased to capacity, but the demand for weaners has been greater than the supply. The season for the dairy herd, too, has been very favourable, so that production here also has shown a marked increase.

HOKITIKA MENTAL HOSPITAL.

Dr. CHILDS reports :

At the commencement of the year the patients on the register numbered 532. The admissions proper were 21, while 13 males and 9 females were received on transfer.

The discharges numbered 11, transfers to other institutions 12, and deaths 20.

The total number under treatment was 575, and the number remaining on the register at the end of the year 529.

There were 6 voluntary boarders on the register at the beginning of the year, 4 were admitted during the year, and 6 discharged.

The general health of the patients has been uniformly good. Occupational therapy has been carried on during the year, but, owing to the lack of a trained instructor and shortage of staff, has been interrupted occasionally.

Tringatau has been completely renovated, and is now a pleasant villa, while the electrical system of the whole institution has been overhauled, and renewed where necessary, both externally and internally.

Works in progress at present are the erection of a Nurses' Home, the installation of an inter-communicating telephone system, the installation of new pumping-equipment for the water-supply, and a new butcher's shop. These are all very necessary, and will add considerably to the efficiency and welfare of the hospital. Tenders for the additions to the laundry are at present being called.

The usual routine of farming, draining, and gardening has continued, 5 acres of land being drained, cleared, and left fallow, while 7 acres of last year's fallow land has been sown down in grass. In addition, a fairly large programme of draining and roading has been carried out.

The painting gang has been fully occupied, and the usual maintenance-work carried out. A Works Overseer was appointed during the year.

A monthly clinic has been held at the Grey River Hospital, and the Westland Hospital visited when required.

CHRISTCHURCH MENTAL HOSPITAL.

DR. BELLINGER reports:—

The number of cases under care during the year was 1,776 (951 males, 825 females). The admissions numbered 300—under certification, 107 males, 129 females; by transfer, 9 males, 4 females; as voluntary boarders, 26 males, 25 females; and, in addition, 3 males and 6 females were admitted on remand.

During the year 109 patients (62 males, 47 females) and 52 voluntary boarders (26 males, 26 females) were discharged. There were 92 deaths (43 males, 49 females) and transfers to other hospitals numbered 32 (20 males, 12 females). At the end of the year the total on probation was 194.

Considerable use continues to be made of the alternative method of committal provided by section 8 of the Mental Defectives Act, and no less than 80 patients were admitted in this manner. This constitutes 37 per cent. of our admissions, excluding minors and voluntary boarders.

The clinic at the Christchurch Hospital has been held weekly, and the monthly clinic at the Timaru Hospital has been continued. These psychiatric out-patient activities have been extensive, the number of separate cases seen being 291 (including 25 at Timaru). The total number of consultations was 904, and 52 cases were investigated and reported on for the Child Welfare Department.

The health of the patients has been satisfactory, the main causes of death being senile decay and cardiac disease, mainly senile in basis. Various special therapies have been employed in addition to the usual medical treatment, and frequent use has been made of the specialized clinics available at the Christchurch Public Hospital.

Cardiazol treatment for schizophrenics has been continued. It is impossible to dogmatize on the ultimate benefits of this treatment, but our results are encouraging. Seven patients received treatment during the year—2 have made complete recoveries and 2 have noticeably improved. None of the 5 patients who received cardiazol treatment last year and were discharged have returned, and reports indicate that each is doing well. Altogether 15 patients have received cardiazol treatment since its inception in 1939.

Occupational work is being steadily developed, but there still remains much to be done. The work covers a wide range of attractive crafts and the proceeds from the stall on Anniversary Day amounted to £17. The usual exhibit at the Winter Show was made, and through the generosity of Hay's Ltd. the window displays have been continued.

At Templeton 261 children are receiving useful training in such varied places as the laundry, sewing-room, kitchens, villas, farm, flower and vegetable gardens, bootmaker and carpenter's rooms. The vocational block continues its useful activities, and a fairly satisfactory system is in operation by which every boy takes his turn for instruction.

The health of the children has been good.

The usual recreation has been provided in the way of weekly pictures, dances, bowls, cricket, basket-ball, folk-dancing, concerts, &c. In addition, large parties have attended (free of charge) numerous sporting fixtures, the shows, and picture-theatres in the city. Seventy-six patients spent enjoyable holidays at the New Brighton seaside cottage. I desire to thank the many organizations, firms, and individuals who have so generously provided these entertainments.

During the year considerable maintenance-work has been carried out. The new workshops were taken over, machinery installed, and now, with the exception of one machine, the workshops have been completed. In response to the appeal for increased production, extensive alterations have been made to the piggeries at Sunnyside, and new pig-styes were erected at Templeton, where the number of pigs has been doubled. A modern ironing-machine was installed in the Sunnyside laundry. The erection of a new villa at Jenkin's Farm was commenced, and building has progressed rapidly. A new vegetable garden has been established at Sunnyside, a water-supply installed, and a concrete implement-shed erected. The farm has had a satisfactory year.

Early in February, the Medical Superintendent, Dr. A. C. McKillop, was appointed O.C., 1st N.Z. General Hospital. Nine members of the staff also went on military leave, bringing the total on service overseas to seventeen. We wish them all good luck and a speedy return.

During the year Matron M. J. Martin, M.B.E., retired on superannuation after thirty-one years of valuable service.

To the District Inspector, the Official Visitors, and the visiting clergy I tender thanks for regular visits and attention to the patients' needs.

I desire to record my thanks to the staff for their work during the period I have been privileged to be in charge of this Hospital.

SEACLIFF MENTAL HOSPITAL.

DR. BROWN reports :—

At the beginning of the year there were 1,035 patients on the register. During the year 149 patients were admitted, 68 were discharged, and 6 were transferred to other hospitals. There were 90 voluntary boarders under care, of whom 41 remain. The total death-rate was low. Deaths numbered 58, the majority of them being due to senile decay.

The necessary repairs and renovations were carried out by the artisan and engineering staffs. As I have emphasized before, the slipping ground on which the hospital stands and the old buildings make this work heavy and costly. The completion of the kitchen in F. 2 villa at Waitati gives each ward on the female side there its own kitchen, and there has been a very obvious improvement in the meals on that account. The Public Works Department are installing pumping-machinery at the Evansdale Creek to augment the water-supply during dry periods. The completion of this should remove a recurring source of worry and inconvenience.

The farm and garden have had a successful year, and the patients have had an abundant supply of fresh vegetables at all times of the year.

Further experience in the treatment of schizophrenia with insulin has shown that it has much to recommend it. In a batch of picked cases—that is to say, cases which the medical staff considered were suitable for this type of treatment—7 have been discharged, and the remaining patient has shown improvement. I would emphasize again that not every case of schizophrenia will respond to this treatment. I do so advisedly, for many relatives entertain false hopes of its success, and its failure is a sad disappointment to them. As time goes on one is beginning to get some idea of the permanency or otherwise of our results. This treatment has been used here for about two and a half years. During that period only two of the cases discharged have had to return to the hospital, and these two were patients about whom we were very doubtful but whom we allowed home on probation to the care of their people. Wherever possible the case is followed up after discharge, and a surprising number of these patients write to tell us how they are faring. In last year's report I spoke of the first of these cases whom we discharged after he had been in stupor for five years before treatment. His follow-up is most interesting. For a period he was only able to perform unskilled work, but now he has been able to resume his former highly-skilled work as a technical draughtsman.

A number of schizophrenics, chiefly female patients, have been given convulsive treatment with cardiazol, with good but not such spectacular results as insulin. I have not yet the material with which to make comparisons between the two methods of treatment.

I would again express my thanks to Dr. Thomson, of the Dunedin Public Hospital, and to various members of the Otago Medical School for their help in scientific investigations of these schizophrenic patients, which are beyond the facilities of this hospital. Without their co-operation and assistance it would be very difficult to carry out insulin treatment.

Occupational therapy has been carried out on a scale which I hope to see greatly increased shortly. I am grateful to you for the opportunity I had to see the occupational units in Auckland Mental Hospital. As you are aware two nurses and an attendant have been seconded there for training, and a considerable extension of this form of treatment should be possible on their return.

I continue to visit Dunedin Public Hospital twice weekly in my capacity as honorary physician in charge of the mental wards. An increased number of cases were seen at my monthly clinic in Oamaru Public Hospital. My Deputy Superintendent, Dr. Hay, visits Invercargill Public Hospital once a month. On his visits there he has examined and furnished reports on 55 inmates of the Borstal Institution.

It is of interest to record that our oldest patient is now, so far as our records show, one hundred years of age. He is very hale and able, when he runs short of tobacco, to walk from Simla Ward to my office to demand a further supply. I need hardly say that this is never refused.

The majority of the younger attendants are on leave of absence with the Forces, and I wish them a speedy return.

MENTAL NURSES.

In November the usual examination was held for the registration of mental nurses, when the following passed :—

Passed top for Dominion : Miss M. J. Middleton (Nelson).

Auckland : Attendants A. Dracevich, M. T. B. Harris, R. H. Taylor. Nurses A. C. Kingdon, S. M. Moore, A. O'Brien, G. E. Vernon.

Papakura : Attendant E. McSweeney. Nurses A. R. Hawke, M. J. Hubbers, R. McNaught, N. Thompson*, I. G. Wigglesworth*, I. Willshaw.

Te Awamutu : Attendant E. F. Evans. Nurses M. H. Anderson, E. K. Graham, E. M. Frogatt, M. J. Hodson, M. M. Phillips.

Porirua : Attendants A. E. Mexted, W. C. K. Parker, F. M. Wilson. Nurses A. Adank, G. R. Davies, K. A. Hill, N. H. Pryke.

Nelson : Attendant—H. H. A. Holland. Nurses G. F. M. Andrews, F. Cobeldick, M. J. Middleton*, B. I. Robb, L. M. Rowlings.

Hokitika : Nurse H. M. Coombes.

Christchurch : Attendants E. Beattie, J. S. Burford, J. E. Hartland, A. L. McDrury, E. K. Newton. Nurses M. B. Machirus, E. C. P. Smith, L. M. Urquhart.

Templeton Farm : Institution Officers (Male) N. L. Milliken, J. H. Wisker. Institution Officers (Female) J. L. Guy, F. L. P. Crawford, A. Quinn.

Seacliff : Attendant W. L. Chisholm.* Nurses E. M. Anderson, G. Booker, E. M. Butler, M. Cleghorn, L. B. Garbutt, B. I. Key*, E. I. Lee, E. M. Mathieson, G. M. McIntosh*, H. M. McLean, K. M. McVie, M. M. Smith, A. J. Townsend, E. L. Ward.

* Passed with distinction.

APPENDIX.

TABLE I.—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1940.

	M.			F.			T.			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
In mental hospitals, 1st January, 1940 .. .. .	..	..	..	..	..	..	..	..	..	..
Admitted for the first time	458	462	920	} 553	} 595	} 1,148	..	..	..	..
Readmitted	95	133	228			
Total under care during the year .. .. .	..	..	..	4,922	4,176	9,098	..	..	..	..
Discharged and died—	..	..	..	..	..	..	..	..	..	..
Recovered	153	188	341	..	..	..	..	..	..	..
Not recovered	135	95	230	..	..	..	..	..	..	..
Died	281	215	496	..	..	..	..	..	..	..
(Not including transfers—Males, 176; females, 66).	..	..	..	569	498	1,067	..	..	..	..
Remaining in mental hospitals, 31st December, 1940 .. .. .	..	..	..	4,353	3,678	8,031	..	..	..	..
Decrease over 31st December, 1939 .. .. .	..	..	..	16	..	..	..	..	..	..
Increase over 31st December, 1939 .. .. .	..	..	..	..	97	81	..	..	..	..
Average number resident during the year .. .. .	..	..	..	4,168	3,422	7,590	..	..	..	..

TABLE II.—ADMISSIONS, DISCHARGES, AND DEATHS, WITH THE MEAN ANNUAL MORTALITY AND PROPORTION OF RECOVERIES, ETC., PER CENT. ON THE ADMISSIONS, ETC., DURING THE YEAR 1940.

Mental Hospitals.	In Mental Hospitals on 1st January, 1940.			Admissions in 1940.									Total Number of Patients under Care.		
				Admitted for the First Time.			Not First Admissions.			Transfers.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland	746	601	1,347	117	113	230	14	38	52	13	5	18	890	757	1,647
Kingseat	304	297	601	5	5	10	2	2	4	70	26	96	381	330	711
Tokanui	326	348	674	32	41	73	10	13	23	42	1	43	410	403	813
Porirua	865	642	1,507	112	113	225	34	32	66	14	8	22	1,025	795	1,820
Nelson	454	361	815	34	20	54	5	2	7	9	11	20	502	394	896
Hokitika	247	285	532	10	7	17	1	3	4	13	9	22	271	304	566
Christchurch	793	612	1,405	82	101	183	25	28	53	9	4	13	909	745	1,654
Seacliff	622	413	1,035	64	59	123	4	14	18	6	2	8	696	488	1,184
Ashburn Hall (private mental hospital)	12	22	34	2	3	5	..	1	1	..	..	..	14	26	40
Totals	4,369	3,581	7,950	458	462	920	95	133	228	176	66	242	5,098	4,242	9,340

Mental Hospitals.	Patients discharged, transferred, and died.									In Mental Hospitals on 31st December, 1940.								
	Discharged recovered.			Discharged not recovered.			Transferred.			Died.			Total discharged, transferred, and died.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Auckland	41	57	98	46	36	82	22	26	48	70	58	128	179	177	356	711	580	1,291
Kingseat	4	4	8	..	1	1	3	2	5	9	6	15	16	13	29	365	317	682
Tokanui	10	15	25	11	2	13	5	3	8	12	17	29	38	37	75	372	366	738
Porirua	44	56	100	18	11	29	110	10	120	77	34	111	249	111	360	776	684	1,460
Nelson	3	9	12	5	4	9	7	3	10	30	14	44	45	30	75	457	364	821
Hokitika	4	1	5	4	5	9	4	8	12	12	8	20	24	22	46	247	282	529
Christchurch	25	20	45	37	27	64	20	12	32	39	48	87	121	107	228	788	638	1,426
Seacliff	22	25	47	14	7	21	5	1	6	29	28	57	70	61	131	626	427	1,053
Ashburn Hall (private mental hospital)	..	1	1	..	2	2	..	1	1	3	2	5	3	6	9	11	20	31
Totals	153	188	341	135	95	230	176	66	242	281	215	496	745	564	1,309	4,353	3,678	8,031

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	675	515	1,190	31.30	37.75	34.75	10.37	11.26	10.76
Kingseat	327	309	636	57.14	57.14	57.14	2.75	1.94	2.36
Tokanui	312	337	649	23.81	27.78	26.04	3.85	5.04	4.47
Porirua	821	627	1,448	30.14	38.62	34.36	9.38	5.42	7.67
Nelson	444	346	790	7.69	40.91	19.67	6.76	4.05	5.57
Hokitika	244	281	525	36.36	10.00	23.81	4.92	2.85	3.81
Christchurch	729	576	1,305	23.36	15.50	19.07	5.35	8.33	6.67
Seacliff	603	411	1,014	32.35	34.25	33.33	4.81	6.81	5.62
Ashburn Hall (private mental hospital)	13	20	33	00.00	25.00	16.67	23.08	10.00	15.15
Totals	4,168	3,422	7,590	27.67	31.60	29.70	6.74	6.28	6.53

TABLE III.—NATIVE COUNTRIES.

Countries.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seadlif.			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.			
England and Wales	108	68	176	69	56	125	49	37	86	110	90	200	41	36	77	19	23	42	51	48	99	42	27	69	2	1	3	491	386	877
Scotland	20	14	34	13	11	24	17	5	22	33	19	52	19	11	30	7	6	13	24	11	35	35	27	62	1	1	2	169	105	274
Ireland	22	22	44	20	16	36	18	12	30	28	21	49	10	5	15	14	11	25	21	16	37	20	13	33	1	1	2	153	116	269
New Zealand	429	401	830	198	199	397	241	263	504	563	496	989	349	285	634	170	194	364	667	541	1,208	496	340	836	7	17	24	3,069	2,736	5,796
Australian States	36	20	56	16	15	31	10	16	26	29	21	50	7	8	15	10	18	15	13	28	14	9	23	1	1	2	138	111	249	
France	1	1	2	1	0	1	1	0	1	1	1	2	1	0	1	1	0	1	1	1	2	2	1	3	..	..	..	11	5	16
Germany	9	7	16	5	0	5	2	0	3	1	0	1	2	0	2	..	..	..	..	..	..	..	..	..	..	..	..	21	..	21
Austria	1	1	2	1	1	2	0	2	2	1	0	1	1	0	1	2	0	2	..	..	..	2	0	2	..	..	..	8	4	12
Norway	2	2	4	1	1	2	1	1	2	1	0	1	1	0	1	1	0	1	..	..	..	1	0	1	..	..	..	12	2	14
Sweden	3	0	3	0	1	1	1	0	1	1	0	1	0	1	1	3	0	3	..	..	..	1	0	1	..	..	..	8	2	10
Denmark	1	1	2	1	2	3	0	2	2	1	0	1	1	0	1	1	0	1	..	..	..	1	0	1	..	..	..	9	1	10
Italy	12	22	34	9	11	20	12	25	37	34	24	58	8	6	14	3	0	3	5	5	10	4	0	4	..	..	..	81	83	164
China	46	16	62	19	11	30	12	4	16	20	5	25	3	1	4	3	0	3	4	3	7	4	2	6	..	..	..	111	42	153
Maoris	21	17	38	5	5	10	..	..	..	8	3	11	11	11	22	17	40	57	..	..	..	8	8	16	..	..	..	70	84	154
Other countries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	711	580	1,291	365	317	682	372	366	738	776	684	1,460	457	364	821	247	282	529	788	638	1,426	626	427	1,053	11	20	31	4,353	3,678	8,031

TABLE IV.—AGES OF PATIENTS ON 31ST DECEMBER, 1910.

Ages.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seadlif.			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.				
From 1 to 5 years	1	1	2	..	..	..	0	1	1	1	1	1	12	4	16	1	0	1	1	2	4	0	2	2	0	2	2	16	11	27
" 5 " 10 "	2	0	2	3	7	10	0	6	6	25	6	31	..	3	3	3	25	15	40	1	5	6	1	5	6	56	42	98
" 10 " 15 "	5	2	7	..	..	..	6	4	10	1	14	15	36	17	53	1	2	3	67	33	100	4	2	6	4	2	6	120	74	194
" 15 " 20 "	23	20	43	4	..	6	15	6	21	18	20	38	51	23	74	3	3	6	111	78	189	17	6	23	0	1	1	242	159	401	
" 20 " 30 "	111	60	171	24	12	36	50	45	95	110	72	182	96	50	146	16	21	37	148	106	254	76	48	124	2	3	5	633	417	1,050	
" 30 " 40 "	124	123	247	41	42	83	60	59	119	150	123	273	57	56	113	41	27	68	99	84	183	136	41	177	1	0	3	709	555	1,264	
" 40 " 50 "	151	125	276	74	63	137	62	79	141	153	138	291	39	51	90	36	53	89	108	82	190	113	80	193	3	0	3	739	671	1,410	
" 50 " 60 "	139	117	256	90	90	180	77	81	158	174	154	328	49	76	125	74	80	154	121	113	234	136	101	237	1	5	6	861	817	1,678	
" 60 " 70 "	94	81	175	84	65	149	70	52	122	121	91	212	57	45	102	45	67	112	76	79	155	83	97	180	0	6	5	639	583	1,213	
" 70 " 80 "	33	32	65	40	32	72	26	27	53	37	47	84	26	29	55	27	22	49	20	35	55	50	37	87	4	2	6	263	263	526	
" 80 " 90 "	8	4	12	3	3	6	1	1	2	12	17	29	4	6	10	..	1	1	10	11	21	8	4	12	0	3	3	46	50	96	
" 90 " 100 "	3	0	3	..	..	..	..	..	..	0	1	1	..	..	..	..	..	..	..	..	..	2	1	3	..	..	..	6	2	8
Upwards of 90	17	15	32	5	8	13	2	4	6	..	..	5	1	6	..	3	3	6	1	..	..	0	3	3	..	..	..	32	34	66
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	711	580	1,291	365	317	682	372	366	738	776	684	1,460	457	364	821	247	282	529	788	638	1,426	626	427	1,053	11	20	31	4,353	3,678	8,031	

TABLE VI.—CAUSES OF DEATH, 1940.

Causes.	Auckland.		Kingsseat.		Tokanui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seadiff.		Ashburn Hall (Private Mental Hospital).		Total.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.—GENERAL DISEASES.																					
Tuberculosis—																					
General	4	9	..	..	..	..	4	1	2	0	1	0	0	1	0	1	..	..	0	1
Lungs .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Spine .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Intestines .. .. .	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Cancer	3	1	3	2	..	..	3	3	1	1	2	0	..	..	0	2	..	..	12	9
Typhoid	1	1	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
Toxaemia	4	2	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3
Diabetes .. .. .	..	..	..	..	..	..	0	1	..	..	0	1	..	..	..	..	..	..	0	2
Syphilis	1	0	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	2	0
Bacillary dysentery	8	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	7
Septicaemia .. .. .	..	..	..	..	..	..	0	2	..	..	..	..	1	0	1	0	..	..	2	2
Peritonitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Pseudo-muscular hypertrophy .. .. .	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
Exhaustion following congenital debility .. .. .	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
Perniciosa anaemia .. .. .	..	..	..	..	..	..	..	..	..	..	1	0	0	1	..	..	..	..	1	1
Graves disease .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
II.—DISEASES OF THE NERVOUS SYSTEM.																					
Mania, exhaustion from .. .. .	..	..	..	..	0	1	1	0	..	..	..	..	..	..	..	..	..	..	1	1
Melancholia, exhaustion from	2	1	..	..	1	0	0	1	..	..	..	..	..	..	..	..	..	..	3	2
General paralysis of the insane	1	1	..	..	1	0	5	1	..	..	..	..	2	0	1	0	..	..	10	2
Cerebral haemorrhage .. .. .	..	..	..	..	..	..	1	2	2	2	1	0	4	2	..	..	0	1	8	7
Cerebral thrombosis	0	1	..	..	0	1	0	2	..	..	..	..	1	1	1	0	..	..	2	5
Organic brain-disease	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Epilepsy	4	0	..	..	1	0	6	0	6	1	2	1	2	1	1	1	..	..	22	7
Post-encephalitic Parkinsonism .. .. .	..	..	..	..	1	0	..	..	..	..	0	1	..	..	..	..	..	..	1	1
Cerebellar tumour .. .. .	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Tabo-paresis .. .. .	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0	..	..	2	0
Cerebral diplegia .. .. .	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
III.—DISEASES OF THE RESPIRATORY SYSTEM.																					
Pneumonia—																					
Lobar	1	3	..	..	1	1	1	4	..	..	..	..	0	2	1	0	..	..	4	10
Broncho	7	11	..	..	1	0	0	3	2	1	..	..	1	2	..	..	..	..	11	17
Hypostatic	1	1	..	..	..	..	..	..	0	1	0	1	1	0	..	..	1	0	3	3
Bronchitis .. .. .	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
IV.—DISEASES OF THE CIRCULATORY SYSTEM.																					
Heart-disease	9	4	4	1	1	6	20	6	6	2	4	0	6	20	1	4	1	0	52	43	
Arterio-sclerosis	2	1	1	0	0	1	..	..	..	..	0	2	2	0	3	1	..	..	8	5
Coronary thrombosis	5	0	..	..	..	..	3	3	0	2	..	..	1	1	..	..	..	..	9	6
V.—DISEASES OF THE DIGESTIVE SYSTEM.																					
Enteritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	0	1
Colitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
Intestinal obstruction .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	2	0
Cirrhosis of liver .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	..	..	0	1
Intestinal haemorrhage .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	0	1
VI.—DISEASES OF GENITO-URINARY SYSTEM.																					
Nephritis	0	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	2
Uraemia	7	1	..	..	..	..	1	0	2	0	..	..	..	..	..	..	..	..	10	1
VII.—OLD AGE.																					
Senile decay	4	7	0	1	4	5	25	3	3	4	..	..	13	10	16	17	1	0	66	47
VIII.—EXTERNAL CAUSES.																					
Shock following burns .. .. .	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	..	..	0	1
Suicide	1	0	..	..	..	..	2	0	..	..	0	1	..	..	..	..	..	..	3	1
Asphyxia .. .. .	..	..	1	0	..	..	1	1	..	..	..	..	..	..	..	..	..	..	2	1
IX.—DIED WHILST ON PROBATION																					
.. .. .	3	5	..	..	1	0	1	0	2	0	..	..	3	3	0	1	..	..	10	9
Totals	70	58	9	6	12	17	77	34	30	14	12	8	39	48	29	28	3	2	281	215	

TABLE VII.—PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1940.

Causes.	Auckland.		Kingsseat.		Tokanni.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seadlif.		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	7	1	1	0	3	0	4	2	1	0	..	..	1	2	8	0	..	..	25	5
Arterio-sclerosis	6	6	..	..	1	2	1	2	..	..	1	0	10	4	3	5	..	..	22	19
Climacteric .. .. .	..	..	..	..	0	9	0	5	..	..	..	..	..	..	..	..	..	..	0	14
Congenital	9	15	0	2	6	8	9	10	24	10	1	0	25	24	7	8	..	..	81	77
Constitutional	23	58	..	..	..	..	30	24	..	..	2	3	..	..	..	..	..	..	55	85
Encephalitis	2	0	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	2	1
Epilepsy	9	0	1	0	1	1	2	1	..	..	0	1	8	4	5	0	..	..	26	7
Hereditv	6	0	..	..	7	10	20	14	4	1	4	0	5	6	..	..	1	2	47	33
Ill health	4	5	..	..	..	..	1	1	..	..	1	0	..	..	..	..	..	..	6	6
Involution	3	3	..	..	5	0	3	14	..	..	..	..	3	17	4	2	..	..	18	36
Mental stress	7	3	1	2	10	5	5	3	2	2	1	0	9	7	12	17	0	1	47	40
Organic brain-disease	1	0	..	..	0	1	3	3	..	..	0	1	..	..	..	..	..	..	4	5
Parkinsonism .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Post operative .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Previous attack	14	38	3	2	2	5	34	32	7	4	1	3	16	20	9	20	0	1	86	125
Puberty or adolescence	8	1	..	..	..	..	0	3	0	1	..	..	13	10	6	2	..	..	27	17
Puerperal .. .. .	..	..	..	..	0	4	0	3	0	1	..	..	0	2	0	2	..	..	0	12
Senility	23	19	1	1	5	8	28	26	1	3	0	1	13	28	11	17	1	0	83	103
Syphilis	8	2	..	..	1	0	6	1	..	..	..	..	3	1	3	0	..	..	21	4
Toxic	1	0	..	..	..	..	0	1	..	..	0	1	0	2	..	..	..	..	1	4
Traumatic .. .. .	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..	2	2
Transfers	13	5	70	26	42	1	14	8	9	11	13	9	9	4	6	2	..	..	176	66
Totals	144	156	77	33	81	55	160	153	48	33	24	19	116	133	74	75	2	4	729	661

TABLE VIII.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS FROM 1ST JANUARY, 1876, TO 31ST DECEMBER, 1940 (EXCLUDING TRANSFERS).

	M.	F.	T.
In hospitals, 31st December, 1875 .. .. .	..	..	..
Admissions	25,284	19,775	45,059
	25,766	20,029	45,795
Discharged—	M.	F.	T.
Recovered	8,769	7,815	16,584
Not recovered	2,806	2,492	5,298
Died	9,838	6,044	15,882
	21,413	16,351	37,764
Remaining on 31st December, 1940 .. .. .	..	..	..
	4,353	3,678	8,031

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

	Males.	Females.	Both Sexes.
Recovered	34.03	39.02	36.21
Not recovered	10.89	12.44	11.57
Died	38.18	30.18	34.68
Remaining	16.90	18.36	17.54
	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, 1876.

Year.	Admitted.			Recovered.			Discharged.			Died.			Remaining, 31st December in each Year.			Average Numbers resident.			Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Numbers resident.		
				Recovered.			Relieved.			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.
1875	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1876	221	117	338	129	79	208	17	8	25	36	12	48	482	254	786	482	254	786	482	254	786	482	254	786
1877	250	112	362	123	57	180	20	5	25	42	21	63	519	264	783	519	264	783	519	264	783	519	264	783
1878	247	131	378	121	68	189	14	14	28	51	17	68	638	319	957	638	319	957	638	319	957	638	319	957
1879	248	151	399	112	76	188	13	13	28	55	16	71	693	361	1,056	693	361	1,056	693	361	1,056	693	361	1,056
1880	229	149	378	100	67	167	36	25	61	54	20	74	729	396	1,125	729	396	1,125	729	396	1,125	729	396	1,125
1881	232	127	359	93	65	158	41	36	77	49	14	63	769	406	1,175	769	406	1,175	769	406	1,175	769	406	1,175
1882	267	152	419	95	59	154	49	32	81	60	19	79	827	442	1,269	827	442	1,269	827	442	1,269	827	442	1,269
1883	255	166	421	102	78	180	13	20	33	65	18	83	892	483	1,375	892	483	1,375	892	483	1,375	892	483	1,375
1884	238	153	391	89	77	166	17	9	26	68	24	92	938	514	1,452	938	514	1,452	938	514	1,452	938	514	1,452
1885	246	133	379	95	76	171	10	5	15	73	22	95	981	542	1,523	981	542	1,523	981	542	1,523	981	542	1,523
1886	207	165	372	99	60	159	11	17	28	77	27	76	1,009	604	1,613	1,009	604	1,613	1,009	604	1,613	1,009	604	1,613
1887	255	161	416	103	78	181	34	17	51	74	27	101	1,053	643	1,696	1,053	643	1,696	1,053	643	1,696	1,053	643	1,696
1888	215	146	361	116	92	208	31	28	59	78	26	104	1,074	687	1,761	1,074	687	1,761	1,074	687	1,761	1,074	687	1,761
1889	230	161	391	93	53	146	31	30	61	70	30	100	1,046	660	1,707	1,046	660	1,707	1,046	660	1,707	1,046	660	1,707
1890	230	160	390	98	88	186	23	17	40	76	35	111	1,095	702	1,797	1,095	702	1,797	1,095	702	1,797	1,095	702	1,797
1891	234	171	405	88	74	162	33	24	57	79	41	120	1,115	734	1,849	1,115	734	1,849	1,115	734	1,849	1,115	734	1,849
1892	231	158	389	89	76	165	21	17	38	74	34	108	1,154	763	1,917	1,154	763	1,917	1,154	763	1,917	1,154	763	1,917
1893	281	179	460	101	89	190	17	12	29	78	23	101	1,229	810	2,039	1,229	810	2,039	1,229	810	2,039	1,229	810	2,039
1894	270	176	446	107	76	183	15	11	26	64	35	99	1,308	860	2,168	1,308	860	2,168	1,308	860	2,168	1,308	860	2,168
1895	252	165	417	105	77	182	24	19	43	101	42	143	1,329	885	2,214	1,329	885	2,214	1,329	885	2,214	1,329	885	2,214
1896	278	159	437	104	70	174	25	16	41	86	32	118	1,390	925	2,315	1,390	925	2,315	1,390	925	2,315	1,390	925	2,315
1897	284	193	477	102	73	175	17	12	29	105	40	148	1,440	990	2,430	1,440	990	2,430	1,440	990	2,430	1,440	990	2,430
1898	254	212	466	114	110	224	13	23	36	88	60	148	1,472	1,008	2,480	1,472	1,008	2,480	1,472	1,008	2,480	1,472	1,008	2,480
1899	259	199	458	88	99	187	15	19	34	114	43	157	1,512	1,035	2,557	1,512	1,035	2,557	1,512	1,035	2,557	1,512	1,035	2,557
1900	300	202	502	103	96	199	29	10	39	99	46	145	1,581	1,091	2,672	1,581	1,091	2,672	1,581	1,091	2,672	1,581	1,091	2,672
1901	320	223	543	125	104	229	20	17	37	102	42	174	1,654	1,119	2,773	1,654	1,119	2,773	1,654	1,119	2,773	1,654	1,119	2,773
1902	352	192	544	135	99	234	26	15	41	120	55	175	1,715	1,133	2,848	1,715	1,133	2,848	1,715	1,133	2,848	1,715	1,133	2,848
1903	355	226	581	144	101	245	26	24	50	129	60	173	1,771	1,188	2,959	1,771	1,188	2,959	1,771	1,188	2,959	1,771	1,188	2,959
1904	332	236	568	157	106	263	24	11	35	120	70	190	1,801	1,237	3,038	1,801	1,237	3,038	1,801	1,237	3,038	1,801	1,237	3,038
1905	360	251	611	149	121	270	29	24	53	147	67	214	1,836	1,276	3,112	1,836	1,276	3,112	1,836	1,276	3,112	1,836	1,276	3,112
1906	395	264	659	157	126	283	28	22	50	146	85	231	1,900	1,306	3,206	1,900	1,306	3,206	1,900	1,306	3,206	1,900	1,306	3,206
1907	359	241	600	160	139	299	22	13	35	168	64	232	1,909	1,331	3,240	1,909	1,331	3,240	1,909	1,331	3,240	1,909	1,331	3,240
1908	426	318	744	180	146	326	9	12	21	148	74	222	1,997	1,417	3,414	1,997	1,417	3,414	1,997	1,417	3,414	1,997	1,417	3,414
1909	419	297	716	179	145	324	17	11	28	136	68	204	2,083	1,465	3,548	2,083	1,465	3,548	2,083	1,465	3,548	2,083	1,465	3,548
1910	474	314	788	182	145	327	29	27	56	186	97	283	2,160	1,510	3,670	2,160	1,510	3,670	2,160	1,510	3,670	2,160	1,510	3,670
1911	448	317	765	163	168	331	23	16	39	198	105	303	2,220	1,536	3,756	2,220	1,536	3,756	2,220	1,536	3,756	2,220	1,536	3,756
1912	458	381	839	184	141	325	17	44	61	193	87	280	2,273	1,640	3,913	2,273	1,640	3,913	2,273	1,640	3,913	2,273	1,640	3,913
1913	466	318	784	175	162	337	35	48	83	196	111	307	2,332	1,632	3,964	2,332	1,632	3,964	2,332	1,632	3,964	2,332	1,632	3,964
1914	509	359	868	207	162	369	27	29	56	193	88	281	2,408	1,703	4,111	2,408	1,703	4,111	2,408	1,703	4,111	2,408	1,703	4,111
1915	450	361	811	202	157	359	26	32	58	172	112	284	2,448	1,752	4,200	2,448	1,752	4,200	2,448	1,752	4,200	2,448	1,752	4,200
1916	518	361	879	160	171	331	35	34	69	209	80	289	2,555	1,820	4,375	2,555	1,820	4,375	2,555	1,820	4,375	2,555	1,820	4,375

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	1,880	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	2,137	4,996	2,789	2,079	4,868	33-00	41-25	39-48	6-95	6-30	6-67	
1924	416	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	2,493	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	4,369	3,501	7,797	4,129	3,287	7,416	32-26	36-32	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
	25,284	19,775	45,059	8,769	7,815	16,584	2,806	2,492	5,298	9,838	6,044	15,882

Excluding transfers between institutions—3,044 males, 2,346 females.

TABLE XI.—DEBITS FOR THE FINANCIAL YEAR, 1940-41.

	Auckland.			Kingsseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seaford.			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 ..	62,992	13	2	30,266	5	8	38,956	19	3	78,500	4	3	40,101	3	0	28,180	1	5	74,765	2	7	74,799	3	4	8,585	3	6	437,146	16	2		
Official visitors ..	48	6	0				25	0	0							11	11	0	25	4	0							110	1	0		
Advertising, books, &c. ..	30	17	10	24	18	6	47	10	2	11	8	2	7	2	6	23	13	1	12	8	9	36	15	0	60	4	0	254	18	0		
Bacteriological research ..	113	13	6				143	12	0	143	12	0	3,874	17	11	1	1	0	3	3	6							271	18	0		
Bedding and clothing ..	4,581	9	4	1,618	7	5	3,100	19	6	6,652	10	3	3,874	17	11	3,246	17	3	4,064	19	4	5,259	14	7				32,909	15	7		
Buildings, including additions, &c. ..	912	11	9	212	18	6	427	3	1	494	18	9	279	11	11	273	19	10	830	0	4	822	3	11				4,253	8	1		
Dental services ..	1	16	0	3	3	2	7	3	3	71	19	3	7	4	5	9	13	3	20	8	6	19	14	3				142	5	3		
Farms, maintenance of ..	1,646	9	6	769	6	10	6,122	17	2	2,418	12	2	1,169	12	2	503	13	2	1,064	18	1	8,370	16	8				22,006	5	9		
Fencing, draining, and roading ..	24	12	2	37	17	0	122	12	0	140	15	7	49	18	4	16	12	4	76	11	5	78	6	10				547	5	8		
Freight, cartage, and transport ..	68	4	3	170	15	0	202	6	8	349	4	10	324	18	2	46	6	10	418	10	4	325	13	3	0	1	5	1,906	0	9		
Fuel, light, water, &c. ..	7,632	19	9	3,149	15	5	4,574	1	7	7,575	2	8	6,374	5	10	2,469	4	6	8,295	9	5	5,878	3	11	35	6	7	45,984	9	8		
Funeral expenses ..	94	10	0	71	6	0	44	0	0	141	0	0	84	0	0	8	10	0	76	15	0	85	10	0				605	11	0		
Furniture and fittings ..	355	1	5	163	1	3	189	17	5	531	7	8	232	10	8	225	5	4	643	11	10	372	17	3				2,716	3	11		
Gardens and shrubberies ..	42	8	5	54	15	9	116	13	6	32	7	10	45	9	3	3	9	3	83	7	7	26	12	7				309	4	2		
Laundry ..	209	0	8	342	19	11	235	17	5	429	16	11	211	17	4	115	10	6	310	9	10	271	19	7				2,217	12	2		
Legal and inquiry costs ..	2	3	4				2	12	6	6	11	3																11	7	1		
Machinery, repairs, and stores ..	94	15	2	84	9	4	274	10	1	175	11	3	146	6	5	15	8	7	171	4	6	238	2	0				1,200	7	4		
Medical fees ..	714	13	4	13	19	6	222	12	3	673	19	9	77	19	9	64	19	0	481	3	3	350	7	6				2,609	14	4		
Motor-vehicles—																																
Maintenance of ..	35	19	10	62	1	9	75	5	10	244	9	11	108	14	5	23	16	8	216	13	3	171	8	5				938	10	1		
Purchase of ..							347	8	10	347	8	10	235	18	9													583	7	7		
Nursing staff uniforms ..	129	5	11	121	4	2	245	18	2	1,107	15	6	173	4	4	175	18	10	211	8	5	298	4	9				2,453	0	1		
Office equipment ..	10	18	7	2	15	3	9	0	7	1	2	6	0	14	6	6	13	2	6	5	3	10	5	10	6	14	6	54	10	2		
Patients' expenses connected with—																																
Gratuities ..	24	1	6	1	2	0	2	17	6	87	0	6	121	13	6	14	0	0				26	8	3				277	3	3		
Friends ..																						50	0	0				50	0	0		
Recreation ..	937	6	1	491	17	5	577	1	9	1,386	17	6	593	17	3	451	17	2	1,004	3	6	1,013	19	4				6,457	0	0		
Transfers ..	39	2	10	32	16	1	6	13	9	230	11	7	19	8	10	2	10	9	40	18	1							372	1	11		
Postages, telegrams, &c. ..	152	14	10	77	3	7	108	2	6	191	12	2	70	0	9	32	1	8	164	8	10	198	1	11	130	18	11	1,125	5	2		
Printing and stationery ..	206	9	7	62	4	1	88	11	2	237	0	1	93	10	7	62	3	3	163	6	0	142	5	0	55	13	6	1,111	3	3		
Rations ..	16,742	3	7	9,735	19	7	6,621	4	1	22,247	7	9	11,140	6	2	8,241	14	9	19,322	15	4	9,540	5	5				103,591	16	8		
Rents and rates ..																			518	16	8	4	0	0	650	10	5	1,180	19	8		
Stores ..	838	12	10	382	15	11	600	6	8	1,090	6	6	369	0	5	374	11	16	906	19	5	916	9	11				5,479	3	6		
Surgery and dispensary, drugs, &c. ..	486	13	11	111	9	9	117	18	4	890	19	2	79	16	6	83	9	11	397	15	3	194	12	6				2,362	15	4		
Telephone services ..	83	15	8	120	0	6	135	9	0	173	8	4	57	0	1	35	11	6	132	6	0	201	17	6	116	6	8	1,055	15	3		
Transfer and removal expenses ..	11	10	5	73	14	2	73	8	6	21	16	3	108	11	11	108	11	11	87	17	9	11	13	9	5	17	9	494	0	9		
Travelling-allowances ..	65	14	8	105	16	1	62	3	2	24	0	1	62	9	10	44	12	6	67	9	5	251	11	11	149	7	0	833	4	8		
Travelling-expenses ..	160	1	2	33	12	3	26	10	6	50	11	3	14	3	2	20	13	7	130	16	6	151	0	0	193	11	3	780	19	8		
Treatment in general hospitals—																																
Patients ..	55	1	0	16	19	6	16	2	6	51	17	0	26	8	0	2	2	0	19	0	0	28	10	0				216	0	0		
Staff ..	6	0	0	2	8	0	15	7	0	13	12	6	29	10	0	1	1	0	4	11	6						72	10	0			
Contingencies and miscellaneous ..	188	2	6	1	14	6	1	18	6	76	3	2	378	11	10	19	15	0	48	12	9	16	11	0				722	9	3		
Totals ..	99,830	0	6	48,419	13	10	63,440	16	0	126,848	3	2	66,669	0	2	44,908	1	10	115,339	11	11	110,157	6	2	9,992	6	7	685,605	0	2		

TABLE XI.—CREDITS FOR THE FINANCIAL YEAR, 1940-41.

	Auckland.	Kingseat.	Tokanui.	Porirua.	Nelson.	Hokitika.	Christchurch.	Seachiff.	Head Office.	Total.
*Receipts from maintenance...	£ s. d. 3,858 14 6	£ s. d. 1,501 18 11	£ s. d. 1,345 5 1	£ s. d. 3,874 7 7	£ s. d. 2,437 0 9	£ s. d. 721 3 8	£ s. d. 3,804 13 3	£ s. d. 2,749 19 4	£ s. d. ...	£ s. d. 20,293 3 1
Contribution from Social Security Fund	27,787 10 0	14,357 19 1	14,617 0 10	33,120 9 1	17,380 13 8	11,400 0 0	29,622 14 7	22,713 12 9	...	171,000 0 0
Receipts from farms	648 0 2	2,127 6 4	5,923 4 3	1,428 6 5	2,292 14 9	90 9 0	2,718 11 8	4,471 4 5	...	19,699 17 0
Miscellaneous	7,175 4 10	3,480 13 10	4,132 15 9	10,713 17 8	4,093 15 1	2,998 1 8	8,284 12 10	7,917 5 1	175 1 9	48,941 8 6
Total	39,469 9 6	21,467 18 2	26,018 5 11	49,137 0 9	26,204 4 3	15,179 14 4	44,430 12 4	37,852 1 7	175 1 9	259,934 8 7

* 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 Re-payments. (b)		Net Cost per Patient. (b)		Net Cost Previous Year.		Decrease in 1940-41.		Increase in 1940-41.				
		£ 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.	£ 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	1,287	48 18 11	3 11 2	0 14 2	0 14 2	1 5 7	5 18 7	13 0 2	0 7 7	3 15 2	77 11 4	21 11 10	4 21 11 10	6 1 7	49 17 11	47 6 0	...	...	2 11 11	...	...	...	...	...	...	...	...	...	...	...
Kingseat	665	45 10 3	2 8 8	0 6 5	1 3 2	4 14 9	14 12 10	0 3 4	3 16 10	72 16 3	21 11 10	8 8 8	42 15 9	42 17 6	0 1 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tokanui	677	57 10 10	4 11 7	0 12 7	9 0 11	6 15 2	9 15 7	0 3 6	5 4 0	93 14 2	21 11 10	14 17 1	57 5 3	58 7 8	1 2 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Porirua	1,534	51 3 7	4 6 9	0 6 5	1 11 6	4 18 9	14 10 1	0 11 7	5 5 2	82 13 10	21 11 10	7 18 8	53 3 8	49 18 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nelson	805	49 16 4	4 16 3	0 6 11	1 9 1	7 18 4	13 16 9	0 2 0	4 10 8	82 16 4	21 11 10	7 18 8	53 5 10	50 9 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hokitika	528	53 7 5	6 3 0	0 10 5	0 19 1	4 13 6	15 12 2	0 3 2	3 12 4	85 1 1	21 11 10	5 15 10	57 13 5	58 15 9	1 2 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Christchurch	1,372	54 9 10	3 8 0	0 12 1	0 14 8	6 0 11	14 1 8	0 3 10	4 8 4	84 1 4	21 11 10	8 0 5	54 9 1	55 6 10	0 17 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Seachiff	1,052	71 2 0	5 0 0	0 15 8	7 19 2	0 0 1	9 9 1	5 0 3	8 5 0	104 14 3	21 11 10	11 15 6	71 6 11	65 18 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head Office	7,920	1 1 8	0 3 6	1 5 3
Total average cost	7,920	55 3 11	4 3 4	0 10 9	2 15 7	5 16 1	13 1 7	0 6 0	4 14 1	86 11 4	21 11 10	8 13 4	56 6 2	54 15 3

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 OUT OF PUBLIC WORKS FUND ON MENTAL HOSPITAL BUILDINGS, ETC., DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1941.

Mental Hospitals.	Net Expenditure for Year ended 31st March, 1941.
Auckland	£ 2,659
Christchurch	13,326
Hokitika	10,233
Nelson and Stoke	34,119
Porirua	6,843
Kingsseat	45,095
Seachiff	707
Tokanui	13,662
Total	126,644

TABLE XIV.—TOTAL EXPENDITURE OUT OF PUBLIC WORKS FUND FOR BUILDINGS AND EQUIPMENT AT EACH MENTAL HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1941.

Mental Hospitals.	1877-1931.	1931-32.	1932-33.	1933-34.	1934-35.	1935-36.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.	Total Net Expenditure 1st July, 1877, to 31st March, 1941.
Auckland	£ 230,042	621	676	155	2,321	307	842	5,658	907	7,118	2,659	£ 251,306
Christchurch	291,336	4,650	7,960	3,481	23,489	12,397	23,970	16,397	6,784	17,252	13,326	421,042
Dunedin (The Camp)	4,891	..	3,107	8,753	5,629	2,739	7,580	2,097	1,140	26,793	10,233	4,891
Hokitika	63,878	8,381	..	..	..	..	..	..	..	..	..	140,330
Hornby	11,102	..	..	..	..	..	..	..	..	..	..	11,102
Motuihi Island	561	..	..	..	..	..	..	..	..	..	..	561
Napier	147	..	..	..	..	..	..	..	..	..	..	147
Nelson and Stoke	124,300	3,339	2,680	12,251	28,552	18,307	16,218	2,234	15,458	39,469	34,119	293,927
Pohitahi (Kingsseat)	16,130	16,433	10,278	35,438	29,784	21,973	65,192	52,144	71,149	62,896	45,095	426,512
Seachiff	295,710	3,065	414	6,618	4,888	1,453	2,958	570	2,527	1,082	707	319,992
Tokanui	206,787	7,164	2,918	6,295	3,797	12,682	18,839	2,855	6,903	9,922	13,662	291,824
Waitati	30,869	936	516	..	..	..	..	..	..	..	..	32,321
Wellington	29,641	..	207	..	170	..	6,510	20,502	23,948	10,894	6,843	29,641
Wellington (Porirua)	344,774	1,349	29	29	..	..	..	..	..	..	..	415,226
Totals	1,650,168	45,938	28,756	73,020	98,630	69,858	142,109	102,457	128,816	175,426	126,644	2,641,822

Approximate Cost of Paper.—Preparation, not given; printing (545 copies), £35.

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