

1949
NEW ZEALAND

MENTAL HOSPITALS OF THE DOMINION

(REPORT ON) FOR 1948

Presented to Both Houses of the General Assembly Pursuant to Section 79 of the Mental Defectives Act, 1911

The Hon. M. B. HOWARD, Minister in Charge of Mental Hospitals, Wellington.
MADAM,— 16th June, 1949.

I have the honour to present my annual report upon the work of the Mental Hygiene Division of the Health Department for the year ended 31st December, 1948.

STATISTICAL

At the end of the year there were 9,270 names of persons upon the registers of the Division, including 67 patients at Ashburn Hall private licensed institution and 855 patients who were absent on probation in the care of their relatives and friends.

In actual residence in Government hospitals on 31st December there were 8,352 persons, an increase of 85 as compared with a year before, and of this number 7,905 were subject to a reception order and 373 were voluntary boarders.

Admissions for the first time of patients and boarders totalled 1,709, a decrease of 38 compared with the previous year. It has continued to occur that voluntary boarders form an increasing proportion of total admissions to our hospitals.

Of all classes of admissions, 1,536 were discharged, or 67·37 per cent. calculated on the number admitted. Although impossible to consider that all persons discharged were fully recovered, it is considered that 46·49 had so recovered. The fact that a good proportion of persons are discharged "relieved" indicates the willingness of medical officers to allow their patients to return to the care of relatives and friends when they can be cared for by them.

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	39	61	5	11	16	28	49	77	1	4	5	2	2	4	15	30	45	19	32	51
1919	31	38	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	59	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
1945	178	181	359	90	112	202	268	293	561	9	8	17	20	8	28	244	272	516	185	205	390
1946	233	229	462	80	137	217	313	366	679	4	10	14	15	7	22	283	348	631	196	206	402
1947	233	301	534	83	122	205	316	423	739	7	2	9	12	12	24	321	383	704	172	232	404
1948	290	288	578	109	161	270	399	449	848	6	5	11	9	13	22	363	418	781	193	245	438

REPORTS OF MEDICAL SUPERINTENDENTS

It will be seen in the reports from the various hospitals that there are two matters which are seriously holding up progress in the Division :—

(a) *Overcrowding.*— There are at the end of the year 1,000 patients in excess of the accommodation considered to be necessary for their care. Much of this deficiency has been due to the lack of building during the war years, but an accelerated public-works programme in the immediate future is necessary if the position is not to deteriorate.

Many old buildings of wooden construction have reached a stage when it is difficult to continue their occupation by patients, although everything is done to maintain them in as good condition as possible.

Considerable progress has been made in adding minor facilities to wards, but many improvements in older wards which are envisaged, and which would improve the nursing and treatment facilities and also the general hygiene and comfort of the patients, cannot be proceeded with as they would entail further loss of sleeping accommodation.

(b) *Shortage of Staff.*— There continues to be a shortage of medical and female nursing staff in the Division.

A depleted medical staff means that not as much individual treatment can be given to patients as is so necessary in the acute stages of mental illness. To some extent this has been lessened in its effect by the curtailment of the time given at clinics in general hospitals, &c. It is considered that advice given to mentally sick people at these clinics and to persons approaching medical officers for advice in other ways is most valuable and has been the means of preventing more serious breakdowns in many cases. Advice given to parents of mentally handicapped children is frequently sufficient to enable parents to continue to look after them in their own homes.

An extension of the "preventive" side of the work of this Division is our aim, and this applies also to child guidance, but the first duty of the medical staff is towards those whose mental illness has necessitated their admission to hospital.

I am appreciative of the desire of the medical staff not to curtail their assistance given as indicated any more than has been absolutely necessary.

The shortage of female nursing staff continues to be a problem of considerable difficulty. Improvement in the situation has occurred spasmodically, but in effect the position at the end of the year remains little better than at the beginning. The male staff have assisted where possible and have been caring for mentally deficient male children, and have done so very well in the emergency.

It is hoped that female nursing staff will be offering to give female nursing attention to these male children and to reintroduce female nurses into male wards, where their influence can be of great benefit to a large proportion of cases.

It must be kept in mind that with all the shortage of staff in mental hospitals in New Zealand there is no accommodation kept vacant because of such shortage—a position which has occurred in Great Britain, and which has occurred in general hospitals in New Zealand. This has only been possible because of the loyal and uncomplaining service given by the staff generally. I sincerely trust that it may never become necessary to refuse admission of voluntary boarders because of any such shortage, which refusal has been occurring in some other countries.

ADMISSIONS OF ELDERLY INFIRM PERSONS

My remarks concerning the above in my report to you of last year are even more applicable now. There has been a further increase in the number of patients of both sexes over seventy years of age in our hospitals—a total now of over 1,000.

There has been evidence, however, during the year of an increasing interest in this problem by social and Church agencies in New Zealand, and it is hoped that adequate provision will be made for the aged in suitable homes apart from mental hospitals.

The experience and advice of the medical and nursing staff of this Division would be available to such homes when completed if desired and requested. Even the most difficult of senile cases can be managed and directed into a more orderly and amenable way of life, and the staff of the Division would, I consider, be able to give valuable assistance.

OCCUPATIONAL THERAPY

For the first time it is possible to report that there is now a trained Occupational Therapist on the staff of each hospital. The view that occupational therapy plays an important part in treatment in every kind of hospital has become an accepted one, and it will be further extended as the staff become available after training.

During the year it has been possible to initiate short courses in occupational therapy at the Occupational Therapy School attached to Auckland Mental Hospital for suitable and interested male nursing staff from all hospitals. These courses have been a decided success in increasing the scope and assistance in the work at hospitals and will be continued.

DIETARY, CLOTHING, AND FURNISHINGS

The improvements foreshadowed in last year's report have been carried out to an appreciable degree. Much remains to be done and extension of these improvements will be carried out. Already the patients have been benefited in personal comfort, but more important in self-esteem and consequently self-confidence.

PSYCHIATRIC SOCIAL WORKERS

Four female social workers have been appointed and are attached to the hospitals at Auckland, Porirua, Sunnyside, and Seacliff.

These officers visit the homes of patients admitted to hospital and form a contact between the patient and his or her home when necessary. They can obtain useful information which can be of benefit in treatment, and when the patient recovers contact can be retained and help given.

They are able to give and arrange services for patients which do not and cannot be carried out by nursing staff, and particularly a depleted one. Their usefulness to patients and to the staff generally has been made so obvious in a short time that extension will be made to all hospitals.

BUILDING PROGRAMME

Unfortunately the serious shortage of labour and materials has continued to prevail during the year.

Plans are well advanced for many major works and it is hoped that next year will see many of these under construction.

Considerable progress has been made at all institutions towards improving existing conditions for patients and staff. Installation of refrigerators, provision of improved kitchen and ward facilities, extending and improving fire services, &c., have received attention.

ALTERATIONS, ADDITIONS, AND IMPROVEMENTS

Capital expenditure on new works during the year amounted to £187,022, and the following summary shows the principal items and hospitals at which the expenditure was incurred :

(1) *Auckland* (£1,974).—Alterations to Male 9 Ward have been started. These will provide improved kitchen facilities, store and clinical examination room. Additional tar-sealing of roads has been carried out.

(2) *Kingseat* (£12,977).—Six staff residences have been completed. Refrigerators have been installed in several villas. Additional roading has been tar-sealed.

(3) *Tokanui* (£4,884).—A start has been made on the erection of twenty-one staff residences. A hairdresser's salon and two buildings for occupational therapy have been completed.

(4) *Lake Alice* (£67,749).—Development work of roading, fencing, tree-planting, water-supply, &c., has proceeded, as has the erection of villas.

(5) *Levin Farm* (£2,019).—A large residence has been converted to provide two flats for married staff. Additional laundry equipment has been purchased. Alterations have been made to existing buildings to meet requirements.

(6) *Porirua* (£61,671).—Two villas have been completed and a third is nearing completion. Laundry machinery is still being installed. A building for occupational therapy has been started. Fire-protection services have been extended and roading has been done.

(7) *Nelson* (£2,190).—Two mattress-sheds have been erected at Ngawhatu villas. Refrigerators have been installed and roading extended.

(8) *Christchurch* (£2,530).—Additions to offices and nurses' home have been completed. A small laundry has been provided at the junior nurses' home. Refrigerators have been installed and a garage erected at Templeton Farm.

(9) *Seacliff* (£30,348).—New ward for female patients has been completed. Heating of nurses' home is nearly finished. Renewal of sewerage system at Waitati is in hand. Roding, water-supply, &c., at Cherry Farm is proceeding.

REGISTRATION OF STATE PSYCHIATRIC NURSES

The following passed the State Examinations for Psychiatric Nurses, held in June and December, and thereby qualified for State registration:—

Passed top for Dominion—

June : Nurse W. C. Edwards (Auckland).

December : Nurse T. Burke (Seacliff).

Auckland—

Attendant : E. E. Bovis.

Nurses : A. H. G. Lynch, N. D. Bolton, M. L. Curtis, T. Moore, M. J. Turner.

Kingseat—

Nurses : V. L. Wright, D. J. McKeown, P. M. Williams.

Tokanui—

Nurses : S. Bristowe, I. N. Champion.

Porirua—

Attendant : R. J. P. Tabb.

Nurses : M. L. Dick, H. M. J. Dillon, N. H. Grantham, I. E. Harvey,
F. L. McKendry, P. M. Prior.

Nelson—

Attendant : D. A. Anderson.

Nurse : E. Byrne.

Seaview—

Nurse : S. M. Connelly.

Sunnyside—

Attendant : J. Ryley.

Nurses : K. A. Feather, N. Flannigan, L. A. Johnston.

Seacliff—

Nurses : M. E. Ellwood, K. E. Fitzpatrick, J. McCulloch, M. M. E. Walker,
W. E. Chapman.

Partial pass—

Nurse : H. V. A. Lovell (Auckland).

APPRECIATION

I wish to express my gratitude to the staff of Head Office for their loyal and willing assistance, and to all officers on the staff of hospitals for their keenness to carry out and extend at all times any improvement which is possible in the care and treatment of the mentally sick.

J. RUSSELL, Director.

AUCKLAND MENTAL HOSPITAL

I have the honour to present my annual report for the year ended 31st December, 1948.

The total number of cases under care was 1,985 and the average weekly number resident 1,333, an increase of 49 and 22 respectively.

The shortage in staff continues and naturally affects the scope of treatment. The fact that senile cases constitute a large percentage of our admissions aggravates the position. Physical treatment of patients proves itself of worth both in respect to leucotomy and electro convulsive therapy. Of the former, eleven cases have been treated, and the results are in a few dramatic, in others less so, but in nearly all there is an alleviation of symptoms. There is, of course, still expectations of further improvement at later dates. Electro convulsive therapy is invaluable not only for its curative properties in conjunction with psychological treatment, but also as a restraining factor in hitherto recalcitrant and difficult cases. After all the years electro convulsive therapy has been done here, predicted dire results have not transpired.

Our contact with the public in extra-mural work still demands a great part of our time. It is obvious that if shortage of medical officers persists, services in this respect will need curtailment.

Public hospital clinics are held and pension examinations are made twice weekly. There is also an increasing demand from the Courts for reports on accused men and prisoners.

The Psychological Clinic with our new Welfare Officer does most useful work. Many cases are referred to it by the Courts and the Education Department. The Welfare Officer has proved herself of worth in investigating home backgrounds not only of children, but of patients in the mental hospital.

Occupational therapy continues to expand. The number of new patients attending classes was 199. Those discharged direct numbered 116, whilst 94 patients were transferred from class-rooms to utility work within the hospital.

The training of 7 attendants from other mental hospitals for three months should be of benefit to the Department. These trainees showed a keen interest and appreciation of the value of the work.

The main public works that have been done or are now under way : Refrigerators to all kitchens ; painting the exterior and interior of several wards ; commencing alterations to Male 9 Admission Ward.

Like ourselves, the Ministry of Works suffers from shortage of labour, and this is reflected in the difficulty of overtaking many of our shortcomings.

Good work has been done in refurnishing of wards on both sides of the institution-- this has been done on a generous scale and is appreciated by every one.

While it is impossible to mention all the many individuals and organizations who have taken an active interest in the patients' welfare and to whom our thanks are due, I would like to acknowledge our indebtedness for the unflinching assistance of the Mental Hospital Committee of the Hospital Auxiliary, the Grey Lynn Ladies Committee, New Zealand Red Cross Society, and the Returned Services Association.

To finish, I would like to record my very great appreciation of the work and co-operation the staff has given me throughout the year. It has helped greatly to ameliorate difficult times.

H. M. BUCHANAN, Medical Superintendent.

KINGSEAT HOSPITAL

I have the honour to present the annual report for the year ended December, 1948.

The total number of cases under care during the year was 1,019; of these, 951 were subjects of a reception order and 68 were voluntary boarders. The weekly average number resident during the year was 846. The admissions totalled 148; 110 were certified patients of whom 31 were transfers from other institutions, and 38 were voluntary boarders. Sixty-one were discharged during the year and 29 were transferred to other institutions. At the end of the year 51 persons were well enough to be on probation in the care of relatives or friends. Fifty persons died during the year.

In spite of the ageing population and the tendency for a considerable portion of our admissions to be seniles, the health of the patients has been remarkably good. We have been free from any epidemic. The improvement in the clinical equipment of the villas has continued. As far as is practicable we are endeavouring to have the simpler types of illness nursed in the individual villas rather than have them all brought to the hospital admission block.

Your policy of brightening the furnishings of the villas and improving the general standard of variety in the clothing of patients is making itself apparent throughout the hospital. The Comforts Fund for patients continues to be a marked success. Much of the money paid to patients is spent in the canteen, the turnover of which has increased considerably. The patients benefit by the profits going to their own Recreation Fund. No patient who is capable of appreciating comforts is now without them.

Every villa has been equipped during the year with a refrigerator. This is a great boon.

A hairdresser has been appointed during the year, and whilst awaiting the building of a salon makeshift accommodation is being used.

We now have a 16 mm. sound-film projector. There is a programme each week. As we lack a recreation-hall and have no suitable place for showing films, a patient's dining-room has to be cleared out for each film. This restricts the number of patients who can attend and necessitates the showing of films on alternate weeks to the male and female sides respectively. This form of entertainment is greatly appreciated by the patients.

Occupational therapy has been carried on in the wards, but the building of an occupational block has not yet been commenced.

In the latter part of the year we were without the services of a Tutor Sister; however, with the help of the Tutor Sister from Raventhorpe and with extra work being carried out by our own staff, the training of our nursing staff was maintained, and over all there has been an improvement in the standard.

The staff shortage on the male side has not been so acute, and on the female side, although acute, the number of applications indicate a slight improvement in the interest in psychiatric nursing. Although the numerical strength of the female staff is much the same as last year, the solidity and quality has improved.

Farming operations have been carried on as usual. The flower-gardens, orchard, and vegetable-gardens have now been put under the control of a Head Gardener; this should improve efficiency.

During the year we had a visit from the Minister of Health, the Hon. Miss Howard. Patients and staff greatly appreciated her interest.

Miss C. Jenkins, Assistant Matron, retired on superannuation during the year after many years service.

It is with regret that I have to record the death during the year of Dr. E. K. Mulinder, Assistant Medical Officer. His passing has been a distinct loss to the hospital, and the sympathy of all the patients and the whole staff goes out to Mrs. Mulinder and her four young children.

The Official Visitors have taken regular interest in the patients and the hospital; their visits are very much appreciated.

On behalf of our patients I wish to thank our many benefactors for gifts of money, books, &c., bringing sports teams to our hospital, and for showing hospitality in inviting our patients to visit them.

The patients appreciate the visits of the clergy and the services which they conduct.

In conclusion, I wish to express my thanks to all members of the staff for the help and co-operation in the work at the hospital and for the good work they have done during the year.

R. G. T. LEWIS, Medical Superintendent.

TOKANUI HOSPITAL

I have the honour to submit my annual report for the year ended 31st December, 1948.

The total number of cases under care during the year has been 931, with a weekly average of 764.

The admissions were 127 (54 men, 73 women). Of these, 94 (48 men, 46 women) were admitted for the first time, a decrease of 16 over those of the previous year.

Discharges numbered 65 (20 men, 45 women), while there were 39 (19 men, 20 women) on probation, and the number of transfers totalled 20 (6 men, 14 women).

Voluntary boarders treated were 78 (40 men and 38 women), an increase of 11. Of these, 38 (17 men, 21 women) were first admissions, and discharges numbered 47 (24 men, 23 women).

The general health of the patients has been good, deaths totalling 56 (32 men, 24 women), most of these occurring among our elderly patients.

The number of elderly patients being admitted is increasing, and their care and supervision, with the present staff shortage and lack of accommodation, is maintained only with the greatest difficulty, with increasing strain upon the medical and nursing staff. The female nursing staff is very short, being 29 nurses only, instead of a normal establishment of 73. The male nursing position has improved slightly, there being 50 instead of 78.

The male patients' accommodation is overcrowded to the extent of 100 patients—that is, two villas—while the women's side is overcrowded to the extent of one villa (40 patients).

Since last report the "Camp Property," 168 acres, on the Waikeria Road, was transferred to the Lands Development Department in October, 1948, to be divided into two units for settlement of returned servicemen.

A start has been made to build twenty-one staff houses near the Main South Road on the hospital property. When these are completed, the staffing position on the male side should improve.

The patients' allowance has proved a popular and beneficial addition to their welfare and happiness.

A 16 mm. sound projector has been added to the equipment for staff training and has been useful in the teaching of the various subjects for the State examinations.

The appointment of a Dental Officer is necessary for the care and attention required for patients' teeth, dental repairs, and the manufacture of dentures; all are essential to the general health of the patient.

The Minister of Health, the Hon. Miss Mabel Howard, visited the hospital in June, 1948.

The new cow-byres and the two small laundries, one at the nurses' home and one for the women's villas, although authorized, as yet have not been commenced, the main difficulty being shortage of labour and materials. Authority has also been given for the installation of the automatic telephones to replace the old manual type of telephone system. Badly-needed additional office accommodation has also been authorized and the matter is in the hands of the Works Department.

Plans are completed for the provision of a kitchen and bathroom for C Ward (male). There is as yet no word of the replacement of the laundry, butcher's shop, bakehouse, and engine-room, which have become inadequate for the work required of them, and require new modern up-to-date equipment for the efficient working of the hospital.

The nurses' home and several residences have been painted, and the interior decoration of the villas, especially on the women's side, has been continued throughout the year.

Amusements and recreation have been catered for as usual. Weekly dances, picture and picnic parties, and church services by various denominational ministers have been appreciated. The Te Awamutu Rotary Club continues to take an active interest in the welfare of the hospital, arranging picture parties to the various theatres, and this is appreciated very much by both patients and staff.

In conclusion, I wish to express my thanks to all members of the staff for their help and co-operation in the work of the hospital, in maintaining a high standard of service, both medical and nursing, despite staff shortage difficulties.

J. D. HUNTER, Medical Superintendent.

PORIRUA HOSPITAL

I have to submit my report for the year ended 31st December, 1948.

The total number of cases under care in the hospital during the year was 2,020, of which 1,655 were committed patients, 354 voluntary boarders, and 11 persons were remanded for psychiatric observation.

Admissions for the year numbered 652, of which total 248 persons entered hospital as voluntary boarders.

During the year 461 persons (patients and boarders) were discharged, 104 died, and 83 patients were transferred to other psychiatric hospitals within the Division. Of the deaths occurring within the year, 69 per cent. occurred in people of the age of sixty-five years and over. At the close of the year 104 patients were absent from the hospital on probationary leave to the care of relatives or friends.

Owing to medical staff shortage there has been some reduction in the amount of extra-mural psychiatric work carried out during the year.

Psychiatric out-patient clinics at Napier, Wanganui, and Palmerston North Hospitals have only been held at irregular intervals. The bi-weekly psychiatric clinics at the Wellington Hospital and a weekly clinic for psychoneurotic ex-servicemen have been maintained. The number of in-patients under observation or treatment in the psychiatric wards, Wellington Hospital, numbered 461, whilst 1,384 consultations were dealt with at the various out-patient clinics.

The shortage of medical and nursing staff personnel continues and made for very real administrative difficulties during the year. The part-time employment of married ex-nurses lessened the burden somewhat on the female side. We are grateful for the help these people have given.

The modern active psychiatric treatments such as electric convulsive therapy, electric narcosis, and sub-coma insulin have continued to be used as routine. Our successes with these treatments have continued, and one important factor brought about by these therapies has been the reduction in the period of hospitalization now required for the recoverable cases.

The rebuilding progresses slowly and the overcrowding figure at the end of the year was 352 patients.

Villas 7 and 8 were completed and occupied during the year, whilst Villa 6 should be ready for occupation early in the New Year.

The sewing-room female occupational therapy block is in the process of construction, whilst another year closes with the new laundry block still not in use owing to the incomplete installation of machinery. Next major work to commence is the male admission and treatment block, which, when completed and occupied, will permit reorganization of the Rauta Block for female patients only. The plans for the administrative block have been finalized, and although a commencement as soon as possible of the work is desired it is appreciated that buildings for patient accommodation and overcoming overcrowding in wards has the definite priority. The male staff shortage in recent years has enabled us to house the reduced number of staff living in, but if staff become available in any way approaching the normal staff establishment additional provision will have to be made for male staff accommodation. Provision should be made for an attendants' home as soon as building-materials and available labour will permit.

The general appearance of the hospital was improved during 1948 by the painting of various buildings. In addition, much needed equipment, hospital and domestic, has been installed, and the refurbishing of the older wards has continued.

Considerable attention has been given to fire protection. Sprinkler systems have been installed in F Ward and a portion of the Lower Buildings. It is anticipated that the remaining wards will be provided with this system during the coming year. The automatic alarm system has also been extended.

Much progress has been made with our road-sealing programme, but there is still a good deal to be done in grading and sealing of the surrounds of the new villas. I hope that the Ministry of Works will find it possible to complete this at an early date.

Occupational-therapy work has been extended, and we have now four Occupational Therapists attached to the staff.

Our farm and gardening activities have produced satisfactory results.

The hospital has been fortunate in the sustained interest displayed by individuals and organizations in making provision for entertainment and extra comforts for the patients. It is not possible to name all these, but I particularly desire to thank the Joint Council of the Order of St. John and New Zealand Red Cross Society for the very keen interest taken in the welfare of ex-servicemen patients.

Recreation and entertainment for patients has been well catered for. Picnics, dances, visits to theatres, bus drives, &c., have been provided for and much appreciated. In addition, a considerable sum has been made available through the Comforts Fund to patients for personal spending.

The staff as a whole is to be commended for the good work done during the year, in many cases under difficulties which are inevitably associated with the rebuilding of a large institution such as this.

B. D. HART, Medical Superintendent.

NELSON MENTAL HOSPITAL

I have the honour to present my annual report for the year ended 31st December, 1948.

The number of patients under care during this period was 1,185. Of these, 1,126 were admissions under reception orders and 59 were voluntary boarders. Admissions totalling 157 included 47 transferred from other mental hospitals, 46 under section 8 of the amendment of the Act, and 38 voluntary boarders. Sixty-five, including 37 voluntary boarders, were discharged during the year. Twenty-one were transferred to other mental hospitals. Deaths totalled 36.

The health of the patients has been, on the whole, good; as is reflected in the low death-rate.

Building difficulties persist, as is the case elsewhere, but nevertheless a good deal of maintenance, a number of improvements, and some new works have been completed.

At Nelson, kitchenettes have been completed in El Nido and F Ward and washing-machines installed. The office has been enlarged and rearranged to give more efficiency. Renovations have been made to Hospital Ward and routine painting continued.

At Ngawhatu a hairdressing-salon has been erected, also a pavilion on the bowling-green. Storerooms in the female villas have been enlarged; mattress-rooms are in the course of building. The kitchen in main building has been remodelled. New roads have been made on the farm and old ones repaired. Painting and maintenance is catching up, and, all in all, progress is more satisfactory than it has been for a number of years. The Hospital Ward has been transferred from two-floored Viewmont to single-storied Kinross. This makes nursing much easier and enables the elderly and the frail to have much more time in the sun now that there are no stairs to surmount.

The non-replacement of worn-out boilers has been a serious handicap to the laundry, and some urgency must be given this. The non-sealing of Polstead Road has evoked continued complaint also, but arrangements are in train apparently to remedy this.

A 16 mm. film projector has been purchased for the dual purpose of staff instruction and patients' entertainment, and it serves these purposes very well.

The acquisition of a station-wagon is an amenity which has been of much use to patients, staff, and the hospital generally.

An agreement has been reached with the Fire Board whereby the alarm siren at Ngawhatu is now connected with the Nelson City Fire Brigade Station; connection from the Nelson branch has, of course, been in existence for some years. The recently appointed Fire Captain is undergoing a special one month's course of training at the city brigade.

Farm activities have proceeded satisfactorily, and returns have been adequate. Staffing conditions have been somewhat easier too.

Repairs to the farm buildings are proceeding at present.

Patients' amusements have been on a better basis than ever previously, I should think, largely due to the acquisition of the picture projector, but helped very much also by concert parties who have visited regularly, and by the continuing of fortnightly dances, regular picnics, and so on.

Mr. Croucher, of the Suburban Bus Service, is in particular to be thanked for his continued kindness in supplying buses for the taking of patients to various places of entertainment and for transporting concert parties without charge. He has been most generous.

Turning for a moment from the particular to the general, I think it opportune here to mention that the present policy of modern furnishing for the villas, modern clothing for the patients, and a more liberal and a more hospital-like outlook generally is a great improvement and makes conditions vastly more congenial for every one.

In conclusion, I wish to express my appreciation to the various branches of religion for their work here, and also to the staff generally for their continued loyal help and co-operation.

J. U. WILLIAMS, Medical Superintendent.

SEAVIEW HOSPITAL

I have the honour to submit my report for the year ended 1948.

The number of cases under care during the year was 552 (273 males and 279 females). The admissions numbered 20 (9 males and 11 females). There were 8 transfers (5 males and 3 females), and 13 voluntary boarders (7 males and 6 females). Patients discharged were 17 (12 males and 5 females), voluntary boarders 14 (7 males and 7 females), while there were 10 transfers (8 males and 2 females). There were 20 deaths (9 males and 11 females). At the end of the year 5 males and 6 females were on probation.

The general health of the patients has been good, but a large number of our patients are now getting into the aged group, only about one-third being under fifty.

Dr. W. O'Reilly was appointed to the staff on 2nd July, 1948, and his willing co-operation and assistance has been appreciated.

Clinics have been held monthly at the Grey River Hospital and occasional visits made to the Westland Hospital. Co-operation with the Westland Hospital continues, and I am indebted to Mr. Smart, Surgeon-Superintendent, for giving the patients the benefit of his advice, hospital investigation, and treatment.

Mr. Peady attended a course of instruction in occupational therapy at Avondale, and since his return successful occupational-therapy classes have been instituted, one of the older, smaller buildings on the male side, being converted for this purpose. As yet no Occupational Therapist has been appointed.

Electro convulsive therapy has been carried out on suitable patients.

Mr. Robinson took up his duties as Head Attendant on 4th February, 1948, and is installed in the new cottage which was finished about the end of February.

In keeping with the Department's policy, the patients are now wearing more varied and better types of clothing, and the wards of the hospital are being partly refurnished and renovated and better equipped.

The sound projector has been useful in implementing the work of teaching.

The usual routine of farming and gardening has been carried out satisfactorily and maintenance work done as far as possible, but prolonged sickness has affected one member of the artisan staff.

Recreation and amusement has been carried on as usual. The local societies have given help in various ways, and thanks are due to the Hokitika Band, the Racing Club, and the various ladies' committees for assisting at or providing for local functions both at and away from the hospital.

The clergy make frequent visits, hold regular services, and take an interest in the patients generally.

The water-supply has been unsatisfactory and we have to constantly call on the borough for relief.

The hospital generally is badly in need of painting, and the plumbing is in bad state. It is hoped that this will be soon remedied as labour and supplies become more plentiful.

There is still an acute shortage of staff on the female side, and they ably do much extra work to overcome this disability.

I wish to thank the staff generally for their help during the year.

T. W. J. CHILDS, Medical Superintendent.

SUNNYSIDE HOSPITAL.

I have the honour to forward my report for the year ended 31st December, 1948.

The number of cases under care during the year was 1,681 (839 men, 842 women). There were 239 patients committed (93 men, 146 women) and 18 patients were transferred from other institutions. One hundred and four patients (37 men, 67 women) were discharged, leaving 1,457 patients remaining at the end of the year. Of that number, 186 (93 men, 94 women) were absent on probation.

Under the voluntary boarder section, 71 men and 76 women were admitted, 66 men and 71 women were discharged following treatment, 2 patients died, and 4 were committed. The total number of voluntary boarders under care during 1948 was 222.

There were 90 deaths (47 men, 43 women), (including 2 voluntary boarders), the chief cause being senile decay.

Accommodation for patients on the female side is definitely inadequate. An admission block and a villa for female patients are urgently required.

The nurses' sick-room is almost completed, the nurses' dining-room has been extended, and an up-to-date kitchen for the female staff has been provided. Although the programme of building for 1948 included a tuberculosis block, a female villa, nurses' home (Templeton), and an admission block, no work has been carried out in connection with any of the buildings mentioned. Authority was given for the extension of the bowling-green, which has been entirely relaid under expert supervision and will be ready for use next season.

Most of the wards have been refurnished throughout with modern and comfortable furniture, and several wards have been painted and renovated by our own staff.

The weekly allowance granted to patients able to appreciate it has caused much pleasure to them.

The entertainment of the patients has been carried out on the usual lines. The Returned Services Association has provided bus drives regularly for ex-servicemen, and the Mental Welfare Society, the National Council of Women, and the Justices of the Peace Association have been of great assistance to us.

Concerts, dances, and other entertainments have been given frequently at Sunnyside by Mrs. Pearce's party, the Railway Workshops Band, and Skippers Harmonica Band.

Mr. McEldowney, Presbyterian Social Service Association, and the Junior Chamber of Commerce give fortnightly entertainments at Templeton; the Crichton Cobbers Band and the Rotary Club have also given concerts there.

We have deeply appreciated what the various organizations and individuals have done to brighten the lives of our inmates.

The staffing question is still very difficult on the female side, both at Sunnyside and Templeton. Our nurses deserve great commendation for the pleasant and efficient way they have carried out their duties. To the Official Visitors, to the chaplains of all denominations, and to the staff generally I tender my thanks for their co-operation.

A. C. McKillop, Medical Superintendent.

SEACLIFF HOSPITAL

I have the honour to submit my report for the year ended 31st December, 1948.

During the year there were 1,176 persons (684 men and 492 women) under care. In that period 158 patients were admitted, 77 discharged, and 7 transferred to other hospitals.

In addition to these patients, 76 voluntary boarders were admitted and 83 were discharged.

The number of deaths was 58.

Towards the end of the year it was possible to get the patients into the new day-room built for F.2 Ward. Apart from the very much improved amenities which this provides for the patients, it was a great relief to be able to evacuate the old building, which was such a source of worry. It is hoped that the demolition of the old, unsafe structure will be done speedily.

In last year's report I commented on the fact that on the male side there was cause for apprehension because of the damage being done to the structure because of the slipping ground, and the position there has deteriorated. There is one large crack in particular which seems to have widened much further, and at the roof-level there is a considerable gap.

There have been the usual troubles with the water-mains and the sewers. The provision of a new main sewer running above ground is proposed, and this should be a great help from the point of view of sanitation and from the saving in labour.

The farm and garden have had a satisfactory year and the provision of more mechanized equipment has been a great help.

The treatment of patients with electro shock in new and recent cases has now become almost common-place, but the extension of it to patients whose illnesses have been of long standing has shown gratifying results. While it does not and cannot be expected to effect cures in the ordinary sense of the word, it has a very distinct effect on behaviour disorders and allows many patients to lead happier and more useful institutional lives. Further leucotomy operations have been performed by Mr. Murray Falconer, and it is hoped later to present you with a report on the results obtained in his first forty cases.

I am happy to report that the recreational facilities for the patients have been greatly improved, particularly in the matter of outings. This year marked the centennial of this province, and to every one of the public functions and celebrations parties of patients were sent, usually by bus. At the beginning of the summer it was possible to hire two buses each Sunday to take parties to the beaches and the other picnic spots in the district; this is continuing.

A canteen has been opened at the Orokonui Home, and it appears to be greatly appreciated.

The usual clinics in Dumedin Hospital and in the outlying towns were conducted by the medical staff.

I have to thank many organizations who gave concerts and entertainments, and express my gratitude to Mr. A. Steven, who organized most of them.

The Official Visitors and chaplains from the various churches have paid regular visits and have been very helpful indeed.

I wish to thank all members of the staff for the work they have done, despite many difficulties.

MALCOLM BROWN, Medical Superintendent.

TABLE I—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1948

	M.	F.	T.	M.	F.	T.
In mental hospitals, 1st January, 1948	..	..	..	4,567	4,141	8,708
Admitted for the first time	524	607	1,131	652	780	1,432
Readmitted	128	173	301			
Total under care during the year	..	..	..	5,219	4,921	10,140
Discharged and died—						
Recovered	210	325	535			
Not recovered	118	102	220			
Died	279	274	553			
				607	701	1,308
(Not including transfers: males, 134; females, 117.)						
Remaining in mental hospitals, 31st December, 1948	..	..	..	4,612	4,220	8,832
Increase on 31st December, 1947	..	..	..	45	79	124
Average number resident during the year	..	..	..	4,339	3,806	8,145

TABLE II—ADMISSIONS, DISCHARGES, AND DEATHS WITH THE MEAN ANNUAL MORTALITY AND PROPORTION OF RECOVERIES, ETC., PER CENT. ON THE ADMISSIONS DURING THE YEAR 1948

Hospitals.	In Hospitals on 1st January, 1948.			Admissions in 1948.									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 ..	737	665	1,402	135	132	267	22	32	54	11	17	28	905	846	1,751
Kingsseat ..	442	399	841	33	34	67	5	7	12	10	21	31	490	461	951
Raventhorpe ..	9	217	226	..	..	..	..	..	..	..	28	28	9	245	254
Tokanui ..	424	380	804	48	46	94	3	10	13	3	17	20	478	453	931
Levin Farm ..	135	38	173	49	27	76	..	..	..	15	2	17	199	67	266
Porirua ..	640	611	1,251	101	147	248	46	71	117	22	17	39	809	846	1,655
Nelson ..	574	433	1,007	25	34	59	2	11	13	47	..	47	648	478	1,126
Seaview ..	259	265	524	8	8	16	2	2	4	4	4	8	273	279	552
Sunnyside ..	736	688	1,424	66	118	184	27	28	55	10	8	18	839	842	1,681
Seacliff ..	597	421	1,018	56	57	113	21	12	33	10	2	12	684	492	1,176
Ashburn Hall*	14	24	38	3	4	7	..	..	..	2	1	3	19	29	48
Totals	4,567	4,141	8,708	524	607	1,131	128	173	301	134	117	251	5,353	5,038	10,391

Hospitals.	Discharged Recovered.			Patients Discharged, Transferred, and Died.											
				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 ..	48	63	111	44	24	68	15	13	28	75	64	139	182	164	346
Kingsseat ..	5	14	19	8	6	14	5	24	29	25	23	48	43	67	110
Raventhorpe ..	1	2	3	..	1	1	4	13	17	..	6	6	5	22	27
Tokanui ..	16	34	50	4	11	15	6	14	20	31	24	55	57	83	140
Levin Farm ..	..	..	..	8	1	9	2	..	2	4	1	5	14	2	16
Porirua ..	77	116	193	17	16	33	54	29	83	31	63	94	179	224	403
Nelson ..	8	14	22	5	1	6	17	4	21	20	15	35	50	34	84
Seaview ..	7	2	9	5	3	8	8	2	10	9	11	20	29	18	47
Sunnyside ..	25	43	68	12	24	36	16	16	32	48	41	89	101	124	225
Seacliff ..	20	31	51	13	13	26	6	1	7	34	24	58	73	69	142
Ashburn Hall*	3	6	9	2	2	4	1	1	2	2	2	4	8	11	19
Totals	210	325	535	118	102	220	134	117	251	279	274	553	741	818	1,559

Hospitals.	In Hospitals on 31st December, 1947.			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.	M.	F.	T.
Auckland ..	723	682	1,405	671	570	1,241	30.57	38.41	34.58	11.18	11.23	11.20
Kingsseat ..	447	394	841	438	376	814	13.16	34.15	24.05	5.71	6.12	5.90
Raventhorpe ..	4	223	227	7	214	221	100.00	200.00	300.00	..	2.80	2.71
Tokanui ..	421	370	791	415	349	764	31.37	60.71	46.73	7.47	6.87	7.20
Levin Farm ..	185	65	250	146	50	196	..	..	..	2.75	2.00	2.55
Porirua ..	630	622	1,252	586	563	1,149	52.38	53.21	52.88	5.29	11.19	8.15
Nelson ..	598	444	1,042	568	400	968	29.63	31.11	30.56	3.52	3.75	3.62
Seaview ..	244	261	505	245	253	498	70.00	20.00	45.00	3.67	4.35	4.02
Sunnyside ..	738	718	1,456	679	626	1,305	26.88	29.45	28.45	7.07	6.55	6.82
Seacliff ..	611	423	1,034	571	384	955	25.97	44.93	34.93	5.95	6.25	6.07
Ashburn Hall*	11	18	29	13	21	34	100.00	150.00	128.57	15.38	9.52	11.76
Totals	4,612	4,220	8,832	4,339	3,806	8,145	32.21	41.67	37.36	6.43	7.20	6.79

* Private mental hospital.

TABLE III—NATIVE COUNTRIES

Countries.	Auckland.			Kingsseat.			Raven- thorpe.			Tokanui.			Levin Farm.			Porirua.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
England and Wales	85	56	141	62	49	111	20	20	40	43	83	1	3	4	69	77	146	
Scotland	14	7	21	11	11	22	10	10	15	8	23	2	2	2	25	18	43	
Ireland	11	12	23	18	14	32	7	7	17	14	31	1	1	1	18	18	36	
New Zealand	476	516	992	291	277	568	4	164	168	299	252	551	175	57	232	441	451	892
Australian States	27	19	46	15	12	27	11	11	11	11	22	2	1	3	20	15	35	
France	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Germany	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Austria	4	4	4	5	5	5	2	2	2	2	2	2	2	2	2	2	2	
Norway	1	1	1	4	4	4	1	1	1	1	1	1	1	1	1	1	1	
Sweden	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	
Denmark	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
Italy	4	1	5	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
China	31	20	51	6	13	19	23	22	45	4	2	6	37	27	64	27	64	
Maoris	40	19	59	30	16	46	7	7	9	19	28	1	1	1	12	14	26	
Other countries	26	30	56	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
Unknown	26	30	56	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
Totals	723	682	1,405	447	394	841	4	223	227	421	370	791	185	65	250	630	622	1,252

Countries.	Nelson.			Seaview.			Sunnyside.			Seaciff.			Ashburn Hall (Private Men- tal Hospital).			Totals.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
England and Wales	42	28	70	23	21	44	27	56	83	34	25	59	1	1	1	384	378	762
Scotland	21	12	33	9	3	12	19	13	32	30	24	54	1	1	1	147	106	253
Ireland	10	3	13	8	6	14	13	6	19	19	9	28	1	1	1	114	89	203
New Zealand	459	365	824	171	190	361	658	621	1,279	492	351	843	8	18	26	3,474	3,262	6,736
Australian States	13	8	21	8	7	15	9	13	22	14	5	19	1	1	1	120	102	222
France	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Germany	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	4	3	7
Austria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	10	12
Norway	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6	6
Sweden	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	1	7
Denmark	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	7	7	7
Italy	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	10	2	12
China	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	4	17
Maoris	17	15	32	1	1	1	6	5	11	3	1	4	125	104	229	125	104	229
Other countries	8	2	10	20	34	54	4	4	8	3	1	4	127	116	243	127	116	243
Unknown	20	9	29	1	1	2	1	1	2	15	8	23	61	53	114	61	53	114
Totals	598	444	1,042	244	261	505	738	718	1,456	611	423	1,034	11	18	29	4,612	4,220	8,832

TABLE IV—AGES OF PATIENTS ON 31ST DECEMBER, 1948

Ages.	Auckland.			Kingsseat.			Raven- thorpe.			Tokanui.			Levin Farm.			Porirua.		
	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	1	2	1	3	1	1	2	16	8	24	1	1	1	1	1	1
5 " 10 "	7	3	10	6	5	11	1	1	1	4	4	8	41	15	56	2	6	8
10 " 15 "	30	13	43	22	11	33	1	1	1	5	9	14	24	10	34	1	7	8
15 " 20 "	92	78	170	28	37	65	1	2	3	52	40	92	48	16	64	77	77	154
20 " 30 "	157	128	285	57	45	102	1	2	3	88	67	155	15	3	18	164	106	270
30 " 40 "	144	129	273	73	84	157	1	2	3	62	70	132	1	1	1	118	111	229
40 " 50 "	111	153	264	91	82	173	3	6	65	63	67	130	1	1	1	117	107	224
50 " 60 "	100	108	208	95	79	174	1	5	59	62	67	129	1	1	1	87	91	178
60 " 70 "	55	46	101	57	38	95	1	3	31	57	28	85	1	1	1	44	67	111
70 " 80 "	13	14	27	10	11	21	1	6	6	7	7	14	1	1	1	6	17	23
80 " 90 "	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Upwards of 90 years	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Unknown	13	10	23	4	1	5	3	3	3	3	2	5	1	1	2	1	1	2
Totals	723	682	1,405	447	394	841	4	223	227	421	370	791	185	65	250	630	622	1,252

TABLE IV—AGES OF PATIENTS ON 31ST DECEMBER, 1948—continued

Ages.	Nelson.			Seaview.			Sunnyside.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Totals.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
From 1 to 5 years	18	10	28	..	..	..	13	13	26	2	..	2	..	..	..	53	33	86
.. 5 .. 10 ..	42	30	72	1	..	1	33	23	56	6	1	7	..	..	..	132	79	211
.. 10 .. 15 ..	55	36	91	1	1	2	42	28	70	1	2	3	..	..	..	142	101	243
.. 15 .. 20 ..	38	31	69	1	2	3	71	43	114	13	9	22	..	..	..	245	162	407
.. 20 .. 30 ..	63	45	108	7	14	21	151	104	255	68	38	106	4	..	4	591	451	1,042
.. 30 .. 40 ..	98	50	148	32	25	57	124	122	246	110	56	166	1	2	3	846	627	1,473
.. 40 .. 50 ..	76	61	137	49	44	93	109	100	209	136	66	202	1	..	1	768	702	1,470
.. 50 .. 60 ..	73	64	137	56	63	119	82	99	181	109	83	192	1	..	1	706	780	1,486
.. 60 .. 70 ..	71	70	141	68	73	141	74	108	182	101	89	190	2	7	9	660	751	1,411
.. 70 .. 80 ..	46	31	77	21	29	50	33	59	92	51	60	111	1	6	7	365	395	770
.. 80 .. 90 ..	9	12	21	6	6	12	5	14	19	14	17	31	..	1	3	71	106	177
Upwards of 90 years	2	3	5	..	..	..	..	1	1	..	2	2	..	1	1	3	8	11
Unknown ..	7	1	8	2	4	6	1	4	5	..	..	..	..	..	..	30	25	55
Totals ..	598	444	1,042	244	261	505	738	718	1,456	611	423	1,034	11	18	29	4,612	4,220	8,832

TABLE V—LENGTH OF RESIDENCE OF PATIENTS DISCHARGED "RECOVERED" DURING 1948

Length of Residence.	Auckland.			Kingsseat.			Raven- thorpe.			Tokanni.			Levin Farm.			Porirua.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 month	2	1	3	..	1	1	..	..	..	1	1	2	..	..	..	6	3	9
From 1 to 3 months	10	12	22	1	..	1	..	..	..	3	3	..	..	..	..	28	34	62
.. 3 .. 6 ..	7	3	10	2	4	6	..	..	..	3	3	..	..	..	..	20	33	53
.. 6 .. 9 ..	..	2	2	1	2	3	..	..	..	5	2	7	..	..	..	5	14	19
.. 9 .. 12 ..	..	3	5	8	..	1	1	..	..	5	11	16	..	..	..	3	11	14
.. 1 to 2 years	19	26	45	..	5	5	..	..	..	5	10	15	..	..	..	8	12	20
.. 2 .. 3 ..	3	9	12	1	1	2	..	..	..	1	1	1	..	..	..	3	4	7
.. 3 .. 5 ..	2	4	6	..	..	..	..	1	1	2	..	1	1	1	..	1	3	4
.. 5 .. 7 ..	1	1	2	..	..	..	..	..	..	..	1	1	..	..	..	1	1	2
.. 7 .. 10 ..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
.. 10 .. 12 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
.. 12 .. 15 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Over 15 years	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	1	..	1
Totals ..	48	63	111	5	14	19	1	2	3	16	34	50	..	..	..	77	116	193

Length of Residence.	Nelson.			Seaview.			Sunnyside.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Totals.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 month	..	..	..	..	..	..	2	2	4	..	..	..	..	..	..	11	8	19
From 1 to 3 months	1	..	1	1	..	1	1	1	2	5	5	10	..	1	1	47	56	103
.. 3 .. 6 ..	..	..	..	1	..	1	4	23	27	2	4	6	..	1	1	36	71	107
.. 6 .. 9 ..	..	3	3	1	..	1	6	10	2	8	10	3	1	4	21	38	59	
.. 9 .. 12 ..	1	4	5	..	..	..	1	3	4	3	5	8	..	3	3	16	43	59
.. 1 to 2 years	1	1	2	1	1	2	5	3	8	4	4	8	..	..	..	43	62	105
.. 2 .. 3 ..	1	2	3	2	1	3	4	3	7	..	3	3	..	..	..	14	24	38
.. 3 .. 5 ..	2	..	2	..	..	..	2	2	4	3	1	4	..	..	..	11	12	23
.. 5 .. 7 ..	..	2	2	..	..	..	1	..	1	..	1	1	..	..	..	3	6	9
.. 7 .. 10 ..	2	1	3	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5
.. 10 .. 12 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
.. 12 .. 15 ..	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..	1	1	2
Over 15 years	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	4	1	5
Total ..	8	14	22	7	2	9	25	43	68	20	31	51	3	6	9	210	325	535

TABLE VI—CAUSES OF DEATH, 1948

Causes.	Auckland.			Kingseat.			Raven- thorpe.			Tokanui.			Levin Farm.			Porirua.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
I—GENERAL DISEASES																		
Tuberculosis—																		
General	1	1	2							1	..	1						
Lungs	5	3	8	1	..	1				..	4	4						
Cancer	2	1	3			4	4			1	..	1				1	..	1
Toxæmia .. .. .	..	1	1															
Septicæmia																		
Diabetes .. .. .																..	1	1
Congenital debility																		
Gangren										1	..	1						
Malaria										1	..	1						
Hydrocephalus													1	..	1			
Splenic anæmia																1	..	1
Cholecystitis .. .. .																..	1	1
Henock's purpura																		
Bacillary dysentery																		
II—DISEASES OF THE NERVOUS SYSTEM																		
Exhaustion																		
Exhaustion of mania .. .. .	..	1	1													..	1	1
Exhaustion of melancholia .. .. .	..	1	1													..	1	1
General paralysis of the insane																2	..	2
Cerebral hæmorrhage	1	4	5							4	1	5				1	2	3
Cerebral thrombosis .. .. .	..	1	1	3	3	6	..	2	2							..	1	1
Cerebral tumour																		
Organic brain-disease																1	..	1
Epilepsy	1	..	1													2	2	4
Neuro-syphilis	1	..	1															
Locomotor ataxia																		
III—DISEASES OF THE RESPIRATORY SYSTEM																		
Pneumonia—																		
Broncho	15	18	33	2	2	4				7	4	11				4	2	6
Hypostatic	5	12	15	2	..	2												
Lobar .. .. .	..	1	1	..	1	1										1	..	1
Pulmonary—																		
Edema						1	1											
Embolism																		
IV—DISEASES OF THE CIRCULATORY SYSTEM																		
Heart-disease	39	9	48	12	9	21	..	2	2	3	7	10				5	11	16
Arterio-sclerosis .. .. .	..	2	2							2	..	2				2	7	9
V—DISEASES OF THE DIGESTIVE SYSTEM																		
Peritonitis										1	..	1						
VI—DISEASES OF THE URINARY SYSTEM																		
Uræmia	2	..	2															
Nephritis .. .. .	..	1	1	..	1	1												
VII—OLD AGE																		
Senile decay				3	2	5	..	1	1	9	8	17				11	32	43
VIII—EXTERNAL CAUSES																		
Chronic morphinism .. .. .	..	1	1															
Suicide	1	..	1	1	..	1												
Asphyxia by drowning .. .. .							..	1	1									
Respiratory obstruction .. .. .													..	1	1			
Head injury																		
IX—DIED WHILEST ON PROBATION																		
Totals	75	64	139	25	23	48	..	6	6	31	24	55	4	1	5	31	63	94

TABLE VI—CAUSES OF DEATH, 1948—continued

Causes.	Nelson.			Seaview.			Sunnyside.			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.
I—GENERAL DISEASES																		
Tuberculosis—																		
General																2	1	3
Lungs		1	1	3	1	4	5	1	6	1	1	2				15	11	26
Cancer	1	1	2		1	1				1		1				6	7	13
Toxæmia					1	1	1		1							1	2	3
Septicæmia										1		1				1		1
Diabetes																1	1	1
Congenital debility	1		1													1		1
Gangrene																1		1
Malaria																1		1
Hydrocephalus																1		1
Splenic anæmia																1		1
Cholecystitis																1	1	1
Henock's purpura		1	1													1	1	1
Bacillary dysentery										2		2				2		2
II—DISEASES OF THE NERVOUS SYSTEM																		
Exhaustion							3		3							3		3
Exhaustion of mania																2	2	2
Exhaustion of melancholia																2	2	2
General paralysis of the insane																2		2
Cerebral hæmorrhage	3		3				4	2	6		4	4				13	13	26
Cerebral thrombosis										1		1				4	7	11
Cerebral tumour							1		1							1		1
Organic brain-disease											1	1				1	1	2
Epilepsy	1	2	3					1	1	1	1	2				5	6	11
Neuro-syphills																1		1
Locomotor ataxia	1		1													1		1
III—DISEASES OF THE RESPIRATORY SYSTEM																		
Pneumonia—																		
Broncho	2	2	4	1	1	2	9	5	14	1		1				41	34	75
Hypostatic							1	12	13							6	24	30
Lobar							1		1							2	2	4
Pulmonary—																		
Oedema											1	1				1	2	2
Embolism																		
IV—DISEASES OF THE CIRCULATORY SYSTEM																		
Heart-disease	4	1	5	4	4	8	15	14	29	7	6	13				89	63	152
Arterio-sclerosis							1		1	5	2	7				10	11	21
V—DISEASES OF THE DIGESTIVE SYSTEM																		
Peritonitis																1		1
VI—DISEASES OF THE URINARY SYSTEM																		
Uræmia							3	1	4							5	1	6
Nephritis																1	2	2
VII—OLD AGE																		
Senile decay	7	6	13	1	3	4	1	4	5	8	8	16	2	2	4	42	66	108
VIII—EXTERNAL CAUSES																		
Chronic morphinism																1	1	1
Suicide																2		2
Asphyxia by drowning																1	1	1
Respiratory obstruction																1	1	1
Head injury										1		1				1		1
IX—DIED WHILST ON PROBATION																		
Totals	20	15	35	9	11	20	48	41	89	34	24	58	2	2	4	279	274	553

TABLE VII—PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1948

Causes.	Auckland.			Kingseat.			Raven- thorpe.			Tokanni.			Levin Farm.			Porirua.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Alcohol	2	..	2	..	..	..	..	..	..	1	..	1	..	..	..	3	..	3
Arterio-sclerosis	6	3	9	..	1	1	..	..	..	..	..	..	..	..	1	..	1	
Congenital	16	10	26	3	5	8	..	..	..	8	6	14	49	27	76	8	3	11
Constitutional	49	40	89	13	15	28	..	..	..	11	14	25	..	..	..	57	66	123
Drug addiction	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Epilepsy	1	..	1	1	1	2	..	..	..	..	..	..	..	..	..	1	5	6
Heredity	..	1	1	2	..	2	..	..	..	..	..	..	..	..	..	1	..	1
Ill health	5	1	6	..	..	..	..	..	..	10	8	18	..	..	..	..	1	1
Involution	..	1	1	3	..	3	..	..	..	1	3	4	..	..	..	2	12	14
Mental stress	3	14	17	..	1	1	..	..	..	..	..	..	..	..	..	1	14	15
Organic brain-disease	1	3	4	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
Previous attack	22	32	54	5	7	12	..	..	..	3	10	13	..	..	..	46	71	117
Puerperal	..	6	6	..	..	..	..	..	..	..	2	2	..	..	..	..	3	3
Senility	46	48	94	8	10	18	..	..	..	13	10	23	..	..	..	20	39	59
Spastic paralysis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Syphilis	5	1	6	1	1	2	..	..	..	..	..	..	..	..	..	..	1	1
Toxic	..	1	1	1	..	1	..	..	..	3	1	4	..	..	..	2	1	3
Trauma	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Transfers	11	17	28	10	21	31	..	28	28	3	17	20	15	2	17	22	17	39
Totals	168	181	349	48	62	110	..	28	28	54	73	127	64	29	93	169	235	404

Causes.	Nelson.			Seaview.			Sunnyside.			Seachiff.			Ashburn Hall (Private Mental Hospital).			Totals.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Alcohol	..	..	..	2	..	2	1	..	1	2	..	2	..	..	11	..	..	11
Arterio-sclerosis	..	..	..	..	..	..	5	7	12	..	..	..	..	..	12	11	..	23
Congenital	5	10	15	..	..	..	19	24	43	7	1	8	..	..	115	86	..	201
Constitutional	..	..	..	2	3	5	20	26	46	20	27	47	2	3	5	174	194	368
Drug addiction	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	3
Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Epilepsy	1	2	3	1	2	3	..	..	..	..	2	2	..	..	6	13	..	19
Heredity	2	3	5	..	..	..	..	..	..	..	..	..	..	..	5	4	..	9
Ill health	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	10	..	25
Involution	..	1	1	..	2	2	11	11	..	1	1	..	..	..	6	31	..	37
Mental stress	1	8	9	..	..	..	6	16	22	9	7	16	1	..	21	60	..	81
Organic brain-disease	..	..	..	..	..	..	1	..	1	..	..	..	..	..	5	..	..	9
Previous attack	2	9	11	2	1	3	27	28	55	21	12	33	..	..	128	170	..	298
Puerperal	..	..	..	..	..	..	..	3	3	..	1	1	..	..	..	15	..	15
Senility	11	12	23	3	2	5	13	31	44	14	16	30	..	1	1	128	169	297
Spastic paralysis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Syphilis	..	..	..	..	..	..	1	..	1	2	..	2	..	..	9	3	..	12
Toxic	..	..	..	..	..	..	..	..	..	2	2	4	..	..	8	5	..	13
Trauma	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	3
Transfers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	3
Totals	74	45	119	14	14	28	103	154	257	87	71	158	5	5	10	786	897	1,683

TABLE VIII—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS FROM
1ST JANUARY, 1876, TO 31ST DECEMBER, 1948 (EXCLUDING TRANSFERS)

	M.	F.	T.
In hospital, 31st December, 1875	482	254	736
Admissions	30,276	25,553	55,829
	30,758	25,807	56,565
Discharged—	M.	F.	T.
Recovered	10,112	9,854	19,966
Not recovered	3,785	3,452	7,237
Died	12,249	8,281	20,530
	26,146	21,587	47,733
Remaining on 31st December, 1948	4,612	4,220	8,832

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

	Males.	Females.	Both Sexes.
Recovered	32·88	38·18	35·30
Unrecovered	12·31	13·38	12·79
Died	39·82	32·09	36·30
Remaining	14·99	16·35	15·61
	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 JANUARY, 1907

Table with columns: Year, Admitted, Recovered, 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. Rows list years from 1907 to 1948 with corresponding numerical data.

Excluding transfers between institutions—4,077 males, 3,785 females.

TABLE XI—PAYMENTS FOR THE FINANCIAL YEAR 1948—49

	Head Office, Wellington.		Avondale, Auckland.		Sunnyside, Christchurch.		Seaview, Hokitika.		Kingsseat, Papakura.		Levin Farm, Levin.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Salaries, including overtime	12,325	19 0	116,741	3 1	129,641	12 10	47,751	11 8	67,159	9 2	17,287	10 0
Official Visitors	..	..	23	2 0	12	12 0	..	..	..	..	..	..
Advertising, books, &c.	1,551	11 8	68	11 10	58	6 7	58	13 11	230	2 2	25	13 1
Bacteriological research	..	..	9	19 0	16	10 0	..	..	4	16 6	..	..
Bedding and clothing	..	..	18,878	14 10	19,769	17 11	9,822	14 10	14,794	19 1	7,984	14 11
Buildings, including additions, &c.	1	8 1	3,176	16 0	3,092	6 3	811	12 3	1,483	0 6	292	1 7
Compensation under Workers' Compensation Act	..	..	209	9 0	..	..	..	..	..	..	..	..
Dental services	..	..	354	8 7	161	8 0	33	4 6	169	9 11	33	4 0
Expenses of officer travelling overseas	903	5 9	..	..	..	..	..	..	..	..	..	..
Farms, maintenance of	..	..	3,145	9 5	174	11 4	2,743	14 7	2,970	6 0	359	7 5
Fencing, draining, and roading	..	..	132	13 9	170	2 6	79	11 10	82	18 10	85	2 2
Freight, cartage, and transport	..	..	215	17 8	764	11 3	106	5 10	442	5 11	81	9 2
Fuel, light, water &c.	134	2 3	11,734	0 9	12,541	15 3	3,825	13 8	6,060	6 10	2,744	12 0
Funeral expenses	..	..	89	10 0	103	1 0	152	0 0	153	0 0	..	..
Furniture and fittings	20	17 0	7,658	14 0	6,889	15 3	1,883	18 3	1,243	11 10	4,699	17 2
Gardens and shrubberies	..	..	107	7 4	870	6 0	57	19 8	65	1 4	88	4 4
Grants to—												
University of Otago	250	0 0	..	..	..	..	..	..	..	..	..	..
A patient for injuries received in an accident	..	..	..	..	..	..	..	..	1,308	4 0	..	..
Widows or relatives of deceased officers	..	..	..	..	..	..	..	..	..	..	..	..
Laundry	..	..	455	1 7	459	17 10	265	8 3	276	16 5	84	10 7
Machinery repairs and stores	..	..	1,515	19 11	1,613	19 3	500	8 6	756	2 6	239	0 5
Medical fees	..	..	758	10 5	618	2 10	58	9 6	224	11 8	295	15 6
Motor-vehicles	..	..	..	..	..	..	..	..	..	..	..	..
Maintenance of	..	..	114	2 6	749	19 2	112	12 1	381	13 8	34	14 4
Purchase of	..	..	185	11 6	..	..	185	11 7	..	..	..	..
Nursing staff uniforms	..	..	1,419	14 10	1,596	19 8	928	6 6	901	0 9	192	9 3
Office equipment	301	5 7	45	11 8	84	5 9	135	11 2	72	17 11	32	16 0
Patients, expenses connected with—												
Comforts	..	..	6,950	17 8	7,157	1 1	4,213	6 0	3,923	10 0	1,380	0 0
Gratuities	..	..	..	..	..	..	..	..	..	..	..	..
Recreation	..	..	1,603	9 5	1,911	9 10	804	3 0	1,393	3 0	513	16 10
Transfers	..	..	17	16 11	46	13 0	40	0 9	..	..	2	2 8
Payment of monetary equivalent of leave due to deceased officers	..	..	..	..	17	4 8	..	..	..	..	..	..
Postages, telegrams, &c.	113	0 9	170	8 4	169	8 2	46	6 6	136	15 1	80	9 3
Printing and stationery	107	16 0	521	0 10	421	2 8	325	3 8	361	18 5	150	9 10
Rations	..	..	34,361	7 0	28,885	7 9	12,088	3 1	20,265	13 4	6,046	7 9
Rents and rates	381	10 0	10	10 3	520	15 0	..	..	..	..	..	..
Staff training: expenses incidental thereto	..	..	14	6 10	92	1 4	144	6 9	..	..	30	18 5
Stores	..	..	3,579	1 10	4,318	9 3	1,647	14 11	4,220	4 8	1,594	7 8
Surgery and dispensary	25	11 11	2,669	2 1	2,039	2 6	966	5 7	1,471	3 9	960	2 7
Telephone services	200	2 11	149	9 8	203	4 11	86	9 8	160	17 8	37	18 3
Transfer and removal expenses	48	1 4	446	17 0	38	1 7	376	15 4	279	14 0	73	15 7
Travelling-allowances	327	1 0	167	7 6	454	8 10	62	1 5	310	15 2	2	10 10
Travelling-expenses	429	1 6	662	16 1	161	7 3	150	2 8	98	5 5	48	13 9
Contingencies and miscellaneous	..	..	198	11 1	41	4 5	23	19 9	43	9 2	22	11 10
Totals	17,120	14 9	218,543	12 2	225,867	3 11	90,488	7 8	131,446	4 8	45,505	7 5

TABLE XI—PAYMENTS FOR THE FINANCIAL YEAR 1948—49—*continued*

— —	Nelson.		Porirua.		Raventhorpe, Papakura.		Seacliff.		Tokanui, Te Awamutu.		Totals.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Salaries, including overtime	83,409	0 10	122,760	0 6	14,288	16 0	111,382	6 4	59,966	18 9	782,714	8 2
Official Visitors	..	..	4 3 4	..	..	..	..	..	..	..	39 17 4	..
Advertising, books, &c.	39	12 3	72	5 11	14	2 6	147	1 4	31	9 9	2,297	11 3
Bacteriological research	5	5 0	184	15 0	..	..	0	10 6	72	12 0	294	8 0
Bedding and clothing	21,573	7 9	22,059	10 10	1,939	15 11	18,233	13 6	10,544	7 4	145,604	16 11
Buildings, including additions, &c.	886	7 4	1,127	4 0	350	18 11	2,110	9 3	1,564	6 9	14,896	10 11
Compensation under Workers' Compensation Act	..	..	891	12 3	..	..	..	..	..	..	1,101	1 3
Dental services	80	8 4	93	0 9	45	4 1	44	0 6	..	..	1,014	8 8
Expenses of officer travelling overseas	..	..	..	..	..	..	..	..	..	..	903	5 9
Farms, maintenance of	3,177	10 0	5,763	16 11	115	19 8	4,958	12 3	8,680	14 2	32,090	1 9
Fencing, draining, and roading	68	16 0	186	13 1	60	1 10	149	3 8	234	4 7	1,249	8 3
Freight, cartage, and transport	442	6 4	645	10 8	166	0 3	818	3 11	892	13 8	4,575	4 8
Fuel, light, water, &c.	9,883	16 7	13,006	10 3	1,818	17 11	9,793	8 2	6,130	19 8	77,674	4 4
Funeral expenses	151	5 0	52	12 6	20	0 0	64	7 6	117	0 9	902	16 9
Furniture and fittings	3,048	0 0	11,838	10 0	580	5 9	5,713	12 7	1,257	8 5	44,814	10 3
Gardens and shrubberies	77	4 11	151	19 10	59	11 7	370	15 1	94	9 1	1,942	19 2
Grants to—	..	..	..	..	..	..	..	..	..	..	250	0 0
University of Otago	..	..	..	..	..	..	..	..	..	..	1,308	4 0
A patient for injuries received in an accident	..	..	..	..	..	..	..	..	..	..	..	..
Widows or relatives of deceased officers	204	2 2	136	13 4	..	..	..	..	..	..	340	15 6
Laundry	498	6 10	845	4 0	660	4 0	610	19 9	697	7 5	4,853	16 8
Machinery repairs and stores	199	12 8	1,430	8 8	287	9 7	954	6 9	511	6 5	8,008	14 8
Medical fees	150	3 7	884	17 6	..	..	366	9 4	206	13 10	3,563	14 2
Motor-vehicles—	..	..	..	..	..	..	..	..	..	..	..	..
Maintenance of	356	4 3	645	1 6	144	0 9	579	19 10	724	18 3	3,843	6 4
Purchase of	65	17 5	668	17 7	..	..	..	..	..	..	1,105	18 1
Nursing staff uniforms	863	15 10	1,730	9 9	124	12 3	1,653	9 11	653	2 1	10,064	0 10
Office equipment	83	18 0	180	10 4	90	2 9	122	18 7	75	18 4	1,223	16 1
Patients, expenses connected with—	..	..	..	..	..	..	..	..	..	..	..	..
Comforts	3,624	0 9	9,457	10 10	1,561	15 8	6,757	14 11	3,784	5 5	48,810	2 4
Gratuities	189	6 10	..	..	3	10 0	15	11 10	1	0 0	209	8 8
Recreation	1,009	18 8	2,102	15 7	170	15 5	1,756	1 1	983	18 8	12,249	11 6
Transfers	45	4 8	167	13 6	2	10 0	0	4 5	16	16 4	339	2 3
Payment of monetary equivalent of leave due to deceased officers	7	13 4	9	12 4	..	..	19	11 6	..	..	54	1 10
Postages, telegrams, &c.	82	11 8	272	19 1	25	0 6	233	11 2	146	14 10	1,477	5 4
Printing and stationery	314	1 1	580	11 2	173	1 7	408	8 8	264	1 4	3,627	15 3
Rations	23,410	3 10	32,293	6 6	7,314	18 10	25,374	5 5	11,295	13 6	201,275	7 0
Rents and rates	..	..	..	..	..	..	8	0 0	..	..	920	15 3
Staff training: expenses incidental thereto	7	3 9	87	17 0	..	..	172	12 8	0	12 0	549	18 9
Stores	2,565	19 9	5,983	10 7	1,250	1 2	3,685	18 5	3,035	1 10	31,880	10 1
Surgery and dispensary	2,269	11 2	4,074	0 10	784	8 6	2,587	3 4	1,377	11 4	19,224	3 7
Telephone services	111	8 9	290	14 2	148	18 4	219	18 8	153	2 8	1,762	5 8
Transfer and removal expenses	139	2 5	228	9 2	15	0 0	128	11 10	171	3 4	1,945	11 7
Travelling-allowances	148	2 7	239	11 4	21	19 5	731	8 3	175	11 6	2,640	17 10
Travelling-expenses	76	15 8	204	17 5	40	5 11	427	6 3	127	17 9	2,427	9 8
Contingencies and miscellaneous	91	5 9	69	17 2	0	17 6	137	8 1	69	1 0	698	5 9
Totals	159,357	11 9	241,363	15 2	32,279	6 7	200,738	5 3	114,057	2 9	1,476,767	12 1

TABLE XI—RECEIPTS FOR THE FINANCIAL YEAR 1948-49

	Avondale, Auckland.	Kingsseat, Papakura.	Raventhorpe, Papakura.	Tokanui, Te Awamutu.	Levin Farm, Levin.	Porirua.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Receipts from maintenance (a)	1,544 12 4	1,211 14 6	..	469 15 5	..	1,348 16 6
Receipts from farms (b)	1,545 0 5	3,537 18 8	..	6,191 5 11	..	2,426 0 11
Miscellaneous ..	730 8 5	490 15 1	226 14 2	757 13 0	451 6 11	1,785 11 2
Totals ..	3,820 1 2	5,240 8 3	226 14 2	7,418 14 4	451 6 11	5,560 8 7

	Nelson.	Seaview, Hokitika.	Sunnyside, Christchurch.	Seacliff.	Head Office, Wellington.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Receipts from maintenance (a)	736 4 4	1,176 0 0	359 16 2	1,146 6 10	..	7,993 6 1
Receipts from farms (b)	2,417 12 7	1,367 16 9	5,735 8 6	6,697 6 2	..	29,918 9 11
Miscellaneous ..	470 16 5	337 10 9	1,853 15 5	1,262 13 9	141 3 0	8,508 8 1
Totals ..	3,624 13 4	2,881 7 6	7,949 0 1	9,106 6 9	141 3 0	46,420 4 1

NOTES.—(a) Outstanding accounts as at 31st March, 1939. (b) Exclusive of foodstuffs, &c., grown and consumed in hospitals, value £75,460 6s. 5d.

TABLE XII—AVERAGE CASH COST OF EACH PATIENT FOR FINANCIAL YEAR 1948-49

Hospital.	Average Number Resident (Inclusive of Boarders).	Salaries.	Bedding and Clothing.	Buildings, Equipment, Improvements, Repairs, and Replacements.	Farm.	Fuel, Light, Power, and Cleaning.	Rations.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Avondale (Auckland) ..	1,332	87 12 10	14 3 6	2 7 8	2 7 3	8 16 2	25 15 11
Kingsseat (Papakura) ..	847	79 5 0	17 9 4	1 15 0	3 10 2	7 3 1	23 18 6
Raventhorpe (Papakura) ..	224	63 15 9	8 13 2	1 11 4	0 10 4	8 2 5	32 13 2
Tokanui (Te Awamutu) ..	793	75 12 5	13 5 11	1 19 5	10 18 11	7 14 8	14 4 11
Levin Farm (Levin) ..	208	83 2 3	38 7 9	1 8 1	1 14 7	13 3 11	29 1 4
Porirua ..	1,255	97 16 4	17 11 7	0 18 0	4 11 10	10 7 3	25 13 8
Nelson ..	996	83 14 10	21 13 2	0 17 10	3 3 10	9 18 6	23 10 1
Seaview (Hokitika) ..	496	96 5 6	19 16 1	1 12 9	5 10 8	7 14 3	24 7 5
Sunnyside (Christchurch) ..	1,365	94 19 6	14 9 8	2 5 4	0 2 7	9 3 9	21 3 3
Seacliff ..	986	112 19 3	18 9 10	2 2 10	5 0 7	9 18 8	25 14 8
Head Office, Wellington ..	8,502	1 9 0	..	..	..	0 0 4	..
Total average cost ..	8,502	92 1 3	17 2 6	1 15 0	3 15 6	9 2 9	23 13 6

	Surgery and Dispensary.	Miscellaneous.	Total Cost per Patient (a).	Receipts (b).	Net Cost per Patient (b).	Net Cost previous Year.	Decrease in 1948-49.	Increase in 1948-49.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Avondale (Auckland) ..	2 0 1	20 18 0	164 1 5	1 14 2	162 7 3	129 4 5	..	33 2 10
Kingsseat (Papakura) ..	1 14 9	20 7 2	155 3 10	4 15 2	150 8 8	122 19 9	..	27 8 11
Raventhorpe (Papakura) ..	3 10 1	25 5 10	144 2 1	1 0 3	143 1 10	126 3 4	..	16 18 6
Tokanui (Te Awamutu) ..	1 14 9	18 5 7	143 16 7	8 15 3	135 1 4	112 3 1	..	22 18 3
Levin Farm (Levin) ..	4 12 4	47 3 3	218 15 6	2 2 5	216 12 1	188 13 5	..	27 18 8
Porirua ..	3 4 11	32 2 10	192 6 5	3 7 1	188 19 4	158 14 0	..	30 5 4
Nelson ..	2 5 7	14 16 2	160 0 0	2 18 0	157 2 0	119 8 10	..	37 13 2
Seaview (Hokitika) ..	1 18 11	25 3 2	182 8 9	3 8 9	179 0 0	141 6 9	..	37 13 3
Sunnyside (Christchurch) ..	1 9 10	21 15 6	165 9 5	5 11 2	159 18 3	126 18 1	..	33 0 2
Seacliff ..	2 12 6	26 13 5	203 11 9	8 1 6	195 10 3	161 7 5	..	34 2 10
Head Office, Wellington ..	0 0 1	0 10 11	2 0 4	0 0 4	2 0 0	1 17 3	..	0 2 9
Total average cost ..	2 5 3	23 18 2	173 13 11	4 10 5	169 3 6	137 2 4	..	32 1 2

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 BY MINISTRY OF WORKS ON BUILDINGS, ETC., FOR THE PROVISION OF MENTAL HYGIENE DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1949

Hospitals.	Net Expenditure for Year Ended 31st March, 1949.
	£
Avondale (Auckland)	1,974
Sunnyside (Christchurch)	2,530
Seaview (Hokitika)	680
Nelson and Stoke	2,190
Porirua	61,671
Kingsseat	12,977
Seacliff	30,348
Tokanui	4,884
Marton	67,749
Levin	2,019
	187,022

TABLE XIV—TOTAL EXPENDITURE BY MINISTRY OF WORKS FOR BUILDINGS AND EQUIPMENT AT EACH HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1949

Hospitals.	1877-1939.	1939-40.	1940-41.	1941-42.	1942-43.	1943-44.
	£	£	£	£	£	£
Avondale (Auckland) ..	241,529	7,118	2,659	885	327	1,983
Sunnyside (Christchurch) ..	390,464	17,252	13,326	6,815	1,885	2,210
Dunedin (The Camp) ..	4,891	..	..	..	..	..
Seaview (Hokitika) ..	103,304	26,793	10,233	23,944	3,842	125
Hornby ..	11,102	..	..	..	..	..
Motuihi Island ..	561	..	..	..	..	..
Napier ..	147	..	..	..	..	..
Nelson and Stoke ..	223,339	39,469	34,119	11,957	1,010	4
Kingsseat (Puhitahi) ..	318,521	62,896	45,095	25,052	3,569	637
Seacliff ..	318,203	1,082	707	1,855	1,301	..
Tokanui ..	268,240	9,922	13,662	2,128	112	1
Waitati ..	32,321	..	..	..	..	..
Wellington ..	29,641	..	..	..	..	..
Porirua ..	397,489	10,894	6,843	7,191	3,485	83,253
Marton ..	..	..	..	..	..	519
Levin ..	..	..	..	..	..	..
Raventhorpe ..	..	..	..	..	..	..
Totals ..	2,339,752	175,426	126,644	79,827	15,531	88,732

Hospitals.	1944-45.	1945-46.	1946-47.	1947-48.	1948-49.	Total Net Expenditure 1st July, 1877, to 31st March, 1949.
	£	£	£	£	£	£
Avondale (Auckland) ..	2,504	7,307	10,972	10,938	1,974	288,196
Sunnyside (Christchurch) ..	766	701	2,683	4,369	2,530	443,001
Dunedin (The Camp) ..	..	..	..	..	..	4,891
Seaview (Hokitika) ..	180	43	1,250	509	680	170,903
Hornby ..	..	..	..	..	..	11,102
Motuihi Island ..	..	..	..	..	..	561
Napier ..	..	..	..	..	..	147
Nelson and Stoke ..	37	1	5,840	1,518	2,190	319,484
Kingsseat (Puhitahi) ..	424	1,487	3,985	8,936	12,977	483,579
Seacliff ..	6,526	24,918	16,155	25,752	30,348	426,847
Tokanui ..	1	1	..	8,065	4,884	307,016
Waitati ..	..	..	..	..	..	32,321
Wellington ..	..	..	..	..	..	29,641
Porirua ..	20,623	45,866	67,503	58,335	61,671	763,153
Marton ..	6,680	44,696	48,276	56,007	67,749	223,927
Levin ..	..	83,967	239	10,234	2,019	96,459
Raventhorpe ..	..	..	107,567	10,925	..	118,492
Totals ..	37,741	208,987	264,470	195,588	187,022	3,719,720

Approximate Cost of Paper.—Preparation, not given: printing (693 copies), £90.

By Authority: R. E. OWEN, Government Printer, Wellington.—1949.

