

1939.
NEW ZEALAND.

MENTAL HOSPITALS OF THE DOMINION.

(REPORT ON) FOR 1938.

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

The DIRECTOR-GENERAL to the Hon. P. FRASER, Minister in Charge of the Department of Mental Hospitals.

SIR,—

Wellington, 1st June, 1939.

I have the honour to present my annual report upon the work of the Department of Mental Hospitals for the year ended 31st December, 1938.

STATISTICAL.

There were 8,149 names of persons upon the registers at the end of the year, including 44 patients and boarders at Ashburn Hall Private Licensed Institution, and 637 patients and boarders who were absent on probation in the care of friends and relatives.

In actual residence in State hospitals on 31st December there were 7,472 persons, a decrease of 80 compared with the previous year, and of this number, 7,151 were subject to a reception order, whilst 321 were voluntary boarders.

There was a slight increase of 26 in the number admitted for the first time, the relative figures being 1,149 for this year and 1,123 for last year, and 282 former patients and boarders returned to the hospitals.

Of all classes of admissions we were able to discharge 924, or 64.50 per cent., calculated upon the admissions, but not more than 517, or 36.12 per cent., could be regarded as fully recovered.

These figures refer to all classes of admissions, including voluntary boarders, but most countries in compiling their mental hygiene statistics now differentiate between cases of acquired mental disorder and those of congenital origin, including idiots, imbeciles, and the feeble-minded.

In New Zealand, partly because it is only within recent years that we have established separate institutions for the congenitally deficient, this practice has not hitherto been followed, with the result that erroneous conclusions have tended to be drawn as to the incidence of mental disease by those unfamiliar with the system followed.

Not only does the grouping of these classes under one heading lead to fallacious comparison of our statistics with other countries, but it tends to mislead in other directions. For example, the establishment of the children's clinics at Auckland and Wellington has considerably increased the "ascertainment" of mental deficiency, and the provision of Templeton Farm Colony and Nelson Hospital as separate institutions for children has greatly increased the number of congenital cases coming under our care.

This is shown by the rise in the proportion of congenital cases in our certified institution population from 18.2 per cent. in 1927 to 26.6 per cent. in 1938.

The percentage of congenital cases admitted rose in the same period from 11.8 per cent. to 17.5 per cent., and as our "recovery rate" has been based upon the total number admitted any comparisons as to the results of treatment in the intervening years must be fallacious unless account is taken of the factors recited above.

The true position is disclosed in the subjoined tables, in which cases of acquired mental disorders are separated from cases of congenital mental deficiency.

(1) *Mental Disorders.*

					Male.	Female.	Total.	Male.	Female.	Total.
In mental hospitals, 1st January, 1938	..	..	..	..	..	..	..	3,104	2,708	5,812
Admitted for first time	..	..	..	..	339	419	758	..	..	..
Readmitted	..	..	..	..	71	80	151	..	..	..
Total under care during year	..	..	..	..	..	..	..	3,514	3,207	6,721
Discharged—										
Recovered	..	..	..	..	162	207	369	..	..	..
Not recovered	..	..	..	..	90	87	177	..	..	..
Died	..	..	..	..	220	238	458	..	..	..
Remaining in mental hospitals 31st December, 1938	..	..	..	..	..	..	..	3,042	2,675	5,717

2. *Mentally Deficient.*

					Male.	Female.	Total.	Male.	Female.	Total.
In mental hospitals, 1st January, 1938	..	..	..	..	..	..	..	1,218	837	2,085
Admitted for first time	..	..	..	..	106	69	175	..	..	..
Readmitted	..	..	..	..	11	7	18	..	..	..
Total under care during year	..	..	..	..	..	..	..	1,365	913	2,278
Discharged	..	..	..	..	58	51	109	..	..	..
Died	..	..	..	..	53	36	89	..	..	..
Remaining in mental hospitals 31st December, 1938	..	..	..	..	..	..	..	1,111	87	1,198
								1,254	826	2,080

From Table No. 1 it will be seen that of those who were admitted under a reception order as suffering from mental disorders 60·07 per cent. were discharged, and of these, 40·6 per cent. had recovered.

In the same class the ratio to population of the admissions, including Maoris, was 5·66 (males 5·03, females 6·31) per 10,000 mean population, and of first admissions 4·71 (males 4·15, females 5·25) so that 1,778 persons in the general population contributed one patient and 2,135 contributed a patient admitted for the first time.

VOLUNTARY BOARDERS.

Year.		First Admission.			Not First Admission.			Total Admissions.			Transferred to Register of Patients.			Died.			Discharged.			Remaining on 31st December.		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1912	..	6	17	23	0	0	0	6	17	23	1	3	4	0	0	0	4	3	7	1	11	12
1913	..	18	19	37	0	2	2	18	21	39	2	5	7	0	1	1	12	12	24	5	14	19
1914	..	17	19	36	3	2	5	20	21	41	7	5	12	1	1	2	11	15	26	6	14	20
1915	..	15	17	32	1	2	3	16	19	35	3	4	7	0	1	1	8	14	22	11	14	25
1916	..	13	23	36	5	8	13	18	31	49	4	4	8	1	2	3	14	14	28	10	15	25
1917	..	14	21	35	1	13	14	15	34	49	6	6	12	0	1	1	10	23	33	9	19	28
1918	..	23	38	61	5	11	16	28	49	77	1	4	5	2	2	4	15	30	45	19	32	51
1919	..	31	39	70	5	19	24	36	58	94	3	3	6	0	2	2	26	42	68	26	43	69
1920	..	26	38	64	16	12	28	42	50	92	3	4	7	1	2	3	33	33	66	31	54	85
1921	..	39	39	78	11	15	26	50	54	104	2	3	5	5	1	6	38	41	79	36	63	99
1922	..	47	38	85	10	16	26	57	54	111	6	5	11	4	4	8	40	48	88	43	60	103
1923	..	44	50	94	15	21	36	59	71	130	3	6	9	3	3	6	47	47	94	49	75	124
1924	..	38	44	82	16	20	36	54	64	118	4	8	12	6	3	9	39	48	87	54	80	134
1925	..	64	59	123	15	34	49	79	93	172	10	15	25	6	3	9	60	63	123	57	92	149
1926	..	71	60	131	11	29	40	82	89	171	10	11	21	7	2	9	49	71	120	73	97	170
1927	..	70	70	140	25	32	57	95	102	197	8	6	14	5	12	17	75	58	133	80	123	203
1928	..	120	94	214	37	39	76	157	133	290	8	10	18	10	8	18	102	97	199	117	141	258
1929	..	102	63	165	50	43	93	152	106	258	11	3	14	9	9	18	119	110	229	130	125	255
1930	..	152	84	236	41	35	76	193	119	312	15	9	24	8	6	14	130	79	209	170	150	320
1931	..	166	98	264	43	36	79	209	134	343	11	14	25	11	7	18	159	102	261	198	161	359
1932	..	159	85	235	50	40	90	209	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	191	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

If we omit cases of congenital mental deficiency, who are not eligible for admission under this category, voluntary boarders now form slightly over 25 per cent. of our admissions. During 1938 there were 329 voluntary admissions, of whom 269 or 81.7 per cent. were discharged within twelve months. In the case of 26 boarders whose mental disorder became in degree sufficiently pronounced and sustained as to render it improper for them to remain on a voluntary basis, a reception order was granted.

ALTERATIONS, ADDITIONS, AND IMPROVEMENTS.

Capital expenditure incurred upon new buildings, additions, and improvements during the year amounted to £128,816, and the following summary shows the major items making up the total:

Auckland (£907).

Water-supply has been improved for fire-fighting purposes.
The new kitchen at M. 3 Ward has been completed.

Kingseat (£71,149).

The hospital block is now complete and will be occupied at an early date.
The boiler-house and laundry machinery has been installed and is now in operation. The butchery and bakery will be in use at an early date.
Two male villas and a Nurses' Home are in course of erection.
The workshops block and garages for departmental vehicles are nearing completion.
Residences for the Medical Superintendent and Engineer have been completed.
Necessary roading, water-supply, and telephone services have been extended.

Tokanui (£6,903).

The provision of separate kitchens in wards has been of great advantage.
The water-supply to the institution has been improved.
A new villa for male patients should be ready for occupation during the coming year.

Porirua (£23,948).

The new boiler-house and workshops block will be ready for occupation at an early date.
The new bakehouse and butcher's shop is in course of erection.
A cottage has been provided for an additional Assistant Medical Officer.
The general roading has been improved during the year.

Nelson and Ngawhatu (£15,458).

The Nurses' Home is nearing completion and will be occupied at an early date.
Three new villas are in course of erection.

Hokitika (£1,140).

A commencement has been made with the erection of two additional villas.
A bicycle-shed has been erected for the use of staff.

Christchurch (£5,974).

Extensive alterations are being carried out in the main kitchen block.
A suitable building has been erected which will allow of an extension of occupational therapy work.

Templeton Farm Colony (£810).

The equipment for the new laundry has been installed and will be in operation at an early date.

Seacliff (£2,527).

A new sick-bay with surgery has been erected in F. 4 Ward.
At Waitati a new kitchen and bathroom have been added to F. 1 Ward.

PROGRAMME FOR CURRENT YEAR.

Auckland.—A new entrance porch will be constructed at No. 7 female ward, which is the admission ward, and this will greatly improve the arrangements for visitors to recently admitted patients.

The Mount Albert Borough Council's disused pumping-station is being utilized as a male occupation centre. With certain fairly inexpensive alterations, this building will be very suitable for this purpose.

It is intended to erect a hairdressing saloon.

Kingseat. The Nurses' Home has been commenced and should be ready for occupation by the end of the year. It is hoped to proceed with the erection of quarters for single male staff, and two new villas will be completed.

Tokanui. A very active programme of reconstruction is being carried out at Tokanui, with the view to converting the various wards and groups of wards into separate villas, each self-contained in regard to dining, cooking, &c. This programme should be completed by the end of the year.

It is hoped to erect a new bakehouse, butcher's shop, boiler-house, and laundry.

Porirua.—Plans are almost completed for the erection of several new kitchens in the main building and a remodelling of that at the lower building. This scheme includes an enlargement of the main hall which is very necessary.

The new boiler-house workshop block is practically completed, and this paves the way for radical alterations near the entrance to the building, including the provision of adequate office space and visitors' rooms. The old workshop will serve admirably as an occupation centre.

Nelson.—Three new male closed villas are in course of erection: these will house the patients presently in the main building, and their completion will enable us to proceed with the erection of villas for senile cases and administrative offices.

Hokitika.—It is hoped to erect a Nurses' Home during the year and to utilize space now occupied by staff for increase of the store.

The butcher's shop and bakery will be commenced, and also two additional villas.

Christchurch.—The workshops which were burnt down during the year are being re-erected. In the meantime the artisans are using the occupational block, which will soon become available for its proper purpose.

Seacliff.—The old boiler-house is in process of alteration to provide an occupation centre and hair-dressing saloon.

Attention will be given to modernization of the telephone and fire-alarm systems.

ABOLITION OF MAINTENANCE CHARGES.

Under section 94 of the Social Security Act, 1938, maintenance in mental hospitals is to become free of all cost to the patients and their relatives, and, consequently, the Receiver's Branch of this Department will disappear.

Prior to 1910, when the office of Receiver was established and the collection of maintenance became a function of the Head Office, this work was carried out by the Chief Clerks at the several institutions.

In his annual report for 1904 Dr. MacGregor, the Inspector-General, made the following comment:—

“On account of payment for patients, £6 2s. 3½d. was received per head. This amount speaks well for the painstaking work done by the Chief Clerks, who act as receivers. The difficulty they have in collecting the payments is incredible. The statements made by persons liable to support an insane relative under the Destitute Persons Act frequently bear the imprint of evasion.”

Last year the total amount collected for maintenance was £162,135, or an average per patient of £21 0s. 8d., and I must say that our experience of the way in which relatives have met their obligations has been much happier than that described above by Dr. MacGregor.

For almost twenty-five years the office of Receiver was held by Mr. A. T. Wells, and it was almost entirely due to that officer's well-balanced judgment, sound common-sense, and sympathetic contacts with relatives that the average payments per head rose from £9 10s. 2d. in 1911 when he assumed office, to £18 6s. 2d. in 1935 when he retired, and to £21 0s. 8d. in 1938 when maintenance-collection ceased.

During the twenty-nine years in which the collection of maintenance has been a function of Head Office no less than £2,719,113 has been collected, and that with a remarkable freedom from friction or complaint. A great deal of credit in this connection is due to the Head and District Officers of the Public Trust Department, who have always been most co-operative and understanding.

During recent years payments have been made in respect of approximately 40 per cent. of the patients resident.

INCREASE IN MEDICAL STAFF.

During recent years we have had the greatest difficulty in obtaining the services of suitable medical men who desired to find a permanent career in mental hospital work. From time to time we have kept vacancies filled by recent graduates without experience or by more mature practitioners who were temporarily available, but we have felt gravely handicapped by the inability to build up an adequate trained medical staff.

I am happy to report that, following upon improvements in the salaries allotted to Medical Superintendents and Assistant Medical Officers, the position has altered, and we are better off in this respect than we have been for many years. Twelve additional medical officers joined the service at the end of the year, and there is every indication that the Department has been very fortunate in its selection. We are now fully staffed and the Medical Superintendents will be free to give their attention to certain improvements which we have had in contemplation for some time but have been unable to inaugurate.

HONOUR.

During the year Miss Martin, Matron at Christchurch, received the decoration of M.B.E., an award which was regarded by all the officers of the Department with great satisfaction and pleasure, in view of Miss Martin's long and faithful service to the Department.

APPRECIATION.

I deeply regretted that Mr. Gavin Menzies found it necessary to relinquish the position of Receiver on account of ill health. The Department has lost a valuable officer, and the Head Office staff a much respected colleague, and we extend to Mr. Menzies our wishes for a speedy recovery.

I desire to thank Dr. John Russell, the Deputy Director-General, and all the Medical Superintendents for their loyal support at all times. I am grateful to Mr. Sinclair, Chief Clerk, and the officers at Head Office for their excellent work during the year.

I have, &c.,
THEO. G. GRAY.

AUCKLAND MENTAL HOSPITAL.

DR. RUCHANAN reports :

I have the honour to present my annual report for the year ended 31st December, 1938.

The total number of cases under care during the year was 1,769, with a weekly average of 1,273. The admissions numbered 356—under certification 133 males, 152 females; by transfer 9 males; and as voluntary boarders, 30 males, 32 females.

During the year 144 patients and 58 voluntary boarders were discharged. Transfers to other hospitals numbered 14 (6 males and 8 females). Deaths totalled 131.

At the end of the year 196 patients were on probation, 135 on full parole, and 202 on limited parole.

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

			Tuesdays.	Thursdays (Dr. Hunter).	Total.
(1) Number of separate persons seen	..	..	M. 266	79	345
			F. 22	10	32
			288	89	377
(2) Number of					
(a) First visits	..	..	212	89	301
(b) Subsequent consultations	..	..	404	243	647
			616	332	948
(3) Sources of reference-					
Pensions Department	..	..	220	65	285
Medical practitioners	..	..	26	15	41
Voluntary calls	..	..	10	4	14
Prisons Department	..	..	15	..	15
Police Department	..	..	2	..	2
Salvation Army	..	..	4	..	4
City Missioner	..	..	2	..	2
Public Trustee	..	..	1	..	1
Institute for the care of Backward Children	..	..	2	..	2
Crown Law Office	..	..	1	..	1
Director-General, Mental Hospitals Department	..	..	1	..	1
District Inspector	..	..	2	..	2
Nelson Mental Hospital	..	..	2	..	2
Public Hospital	..	..	..	5	5
			288	89	377

I was away on leave of absence for the greater part of the year under review. I desire to take this opportunity of expressing my gratitude to the Minister of Mental Hospitals and yourself for making this possible.

Part of my leave was spent in visiting mental hospitals and homes for congenital mental defects in England. My most intense interest was in the great strides certain hospitals have made in occupational therapy. To see this work, which in many places permeates a whole hospital, is a great experience. Later I hope to give you separately a report on what I have seen. Here, on a smaller scale, we have done occupational therapy for many years, and I have now every intention of expanding this to a scale similar to that which I have seen overseas.

The introduction of a hairdresser for the female patients has proved a most excellent innovation. She has helped many a patient to regain some personal pride, and, in consequence, a sedative effect in behaviour has resulted.

No major work has been carried out during the year, but all the same there has been consistent effort to maintain things at a good level.

Besides the usual painting programme, the other important works were the installation of machinery in the laundry and the alterations of the water service to bring our fire-fighting apparatus up to date. This latter work is not as yet fully completed.

We were unfortunate in having an outbreak of typhoid in May and June. This necessitated the procedure of blood-testing and inoculation of all patients and the members of the staff. This imposed an additional burden on our staff, already weakened in numbers. The members, however, rose well to the occasion.

In parentheses, I may state that the staff-shortage problem is almost as acute in some parts of England as it is here.

A most successful bazaar and sale of work of patients' handicrafts was held on the 2nd December, 1938. The most gratifying sum of £143 was made. This money will be devoted to the patients' recreation and providing materials for occupational work.

The Auckland Hospital Auxiliary continues to be our very good and much appreciated friend. They are constant in their help in person, kind, and cash. Performances by the Waterside Workers' Band were much appreciated, as also concerts given by Miss Ward and her pupils.

In concluding I must express my gratitude to the Medical Officers, Matron, Head Attendant, Chief Clerk, and all other members of the staff for the help and encouragement given me.

KINGSEAT MENTAL HOSPITAL.

DR. HUNTER reports :

I have the honour to submit my annual report for the year ending 31st December, 1958.

The total number of patients under care during the year was 596 (307 males and 289 females), with a weekly average of 577. Patients admitted for the first time numbered 2 (males), and 1 male patient was readmitted during the year. Patients admitted by transfer were 9 (7 males and 2 females). Transfers to other hospitals numbered 3, all of whom were males. There were 5 patients (4 males and 1 female) discharged, and there were 13 deaths (9 males and 4 females).

The weekly average of voluntary boarders resident during the year was 6 (3 males and 3 females). One male was discharged and committed, while there were no admissions or deaths.

The general health of the patients and staff has been excellent, on the whole, although the measles epidemic affected a large proportion of the nursing staff. I also regret to have to report the death of one of the members of our nursing staff, Nurse Mavis Evelyn Nicholson, who passed away on 20th July, 1958, following an operation. To her relatives we tender our deepest sympathy.

The building programme continues, and this year the following buildings have been completed or are in the course of construction : Medical Superintendent's house, Engineer's house, hospital and treatment centre, Villas 7 and 8 for male patients, oil-store, mortuary, workshops block. Tenders have been called for the erection of a Nurses' Home.

Renovations have been carried out to the cow-byres, and this part of the farm buildings is now in first-class order.

The installation of equipment for the laundry, engineer's block, bakehouse, and butchery has been proceeded with, and this block should be in operation early in the new year. The main thing which is causing delay is the non-arrival of the boilers, which are expected early in February, 1959.

The furnishing and equipment of the hospital and treatment centre is nearly completed, and this fine addition to the hospital, situated on a slight rise overlooking the recreation ground, has a bright and sunny outlook.

The amenities provided in this block should do much towards the successful treatment of our nervous and mentally ill.

The automatic-telephone system mentioned in last year's report has been installed, and is proving of great benefit in the administration of the hospital.

With the increasing number of patients and staff the question of suitable entertainment is becoming somewhat of a problem. The use of three rooms in a villa for the weekly dances is not satisfactory, while concerts require the transportation of seating-accommodation from villa to villa, so that a recreation hall with cinema facilities is now essential for further development of the villa system.

The staff-housing problem is acute, and will be more so when the service blocks are fully staffed. We are short of single-male-staff accommodation, and there is difficulty in securing houses in the vicinity of the hospital for married staff.

Another problem that is arising is the fact that our distance from Auckland, and the difficulty of transport has resulted in many of our staff acquiring motor-cars, and the question of staff garages has arisen. I think that this matter will be required to be dealt with in the near future.

The patients, on the whole, are happy and contented, and appreciative of the parole privileges, to which they are reacting satisfactorily. They are fully occupied in constructional work on the farm, in the grounds, gardening, laundry, and sewing-room. Their amusements have not been neglected, and they are all eligible to play in the various sports, teams, and clubs which the hospital has. Our sports clubs have had a successful and enjoyable year.

Mrs. Waugh, working under the auspices of the Auckland Hospital Auxiliary, Mental Hospitals Branch, conducts a weekly handicraft class, and this year this class has been extended to the more restless and unstable types of patients, and the results are encouraging. These patients are better behaved, and look forward eagerly to the weekly visit. I feel that this result would be enhanced if it were possible to have the handicraft class daily instead of weekly.

Mr. McFarlane, of the Public Works Department, has taken his usual active interest in the progress of the hospital, and for his many useful and practical suggestions I am very grateful.

A weekly clinic is conducted at the Auckland Public Hospital, where 89 new cases were treated, whilst there were 332 attendances. New cases were referred by Pensions Department, 65 ; Hospital, 5 ; medical practitioners, 15 ; voluntary, 4.

I am most grateful to those who have helped to provide entertainment and for the gifts of reading-material : to the several local branches of the Returned Soldiers' Association for their interest in ex-soldier patients ; the women's division of the Farmers' Union and the Women's Institute for their interest in the activities of the hospital ; the Auckland Women's Auxiliary for regular donations for the benefit of the patients ; and the members of the clergy who have conducted Church services throughout the year.

Finally, I wish to thank the Chief Clerk and his staff, the Matron, Head Attendant, and all members of the staff for their very helpful and encouraging services for the benefit of the patients and in forwarding the interests of the hospital.

TOKANUI MENTAL HOSPITAL.

DR. TOTBILL reports :—

I have the honour to present my annual report for the year ending 31st December, 1938.

The total number of cases under care during the year was 788, which includes 29 voluntary boarders.

Admissions numbered 108, of whom 7 were transfers from other institutions and 12 voluntary boarders.

The discharges were 50 patients under certificate, 7 voluntary boarders, and 6 transferred.

There were 48 deaths, senile decay and heart-disease being the predominant causes.

At the end of the year 674 patients, including 33 on probation and 18 voluntary boarders, remained on the register.

Reports have been made for the Justice Department on inmates at Waikeria and on children under the care of the Child Welfare Department, Hamilton. The general health of the patients has been good, though a number of cases of measles occurred among the patients and staff.

For some months we have been conducting an interesting experiment in trying to rehabilitate male schizophrenics by intensive directional treatment. In various forms this is used as a concomitant of insulin therapy, but here we have omitted the insulin. This work is still in its infancy, and though no miraculous cures can be claimed a definite improvement in conduct and personal hygiene has been noted to the extent that patients taken out of a refractory ward are now well enough to be nursed in the admission ward.

Good progress has been made in modernizing the older parts of the hospital and interior, and exterior renovation continues to be actively pursued. The detachment of Ward F. 2, is now complete, the kitchen addition is ready for use, a dining-room has been provided, and the new bath-room and improved lavatory accommodation are nearing completion. Wards F. 1 and F. 7 are in the process of being detached, and alterations will provide cooking facilities and improved bathing and lavatory arrangements. When the work has been executed Wards F. 1, F. 2, and F. 7 will be self-contained, independent units.

Part of the long corridor on the female side has already been demolished, and eventually it will be completely removed. By the separation of the wards and elimination of this corridor serious fire risk will be abolished. A veranda has been built on to F. 7 and will be particularly useful in wet weather. The double-storied veranda addition to the female admission ward is now completed, the upstairs providing extra bed accommodation and the ground floor a sun room and facilities for the treatment of recent patients who are receiving bed treatment.

The roofs of Wards F. 1 and F. 7 have been painted, and those of F. 2 and the main kitchen are to receive attention in the near future.

Stainless-steel sinks were installed in the sculleries of Wards A, C, H, and the male staff benches renewed, and the backs tiled. Ward A has been completely repainted, and additional furniture increases its comfort. Fire-places throughout the hospital were repaired.

The male-staff quarters have been renovated, the mess-room papered, and staff sitting-room furnished. The Assistant Medical Officer's new residence is now in occupation. Various improvements and repairs were carried out on the staff houses on the hospital estate.

The pipes on the water-main from Te Awamutu are being replaced by spiral steel pipes, and will result in considerable economy by eliminating water leakage.

An additional Public Works store was erected, and accommodation for Public Works staff is being built. The new mortuary, in which a post-mortem table was constructed, is in use.

An all-weather road to the hospital cemetery has been made, and a small shelter for the Ministers is being provided.

Lights over the fire escapes at the Nurses' Home have been installed.

Works due to begin include the erection of a new slaughter-house, skin-room, and boiling down works, exterior painting of Ward H, Villas 4, 5, 6, and the Nurses' Home, installation of foot-baths for farm-workers in A and C Wards, and alterations to the administration block to provide quarters for five officers. It is hoped to build an ample storage shed and a glass-house in the near future.

The vegetable garden has been extended, lawns laid down round the male villas, and flowering shrubs planted.

I shall be glad to see work commenced on the new laundry, engine-room, butcher's shop, and bakery as soon as possible. The laundry has been outgrown, and the butchery and bakery are out of date.

A large number of patients are continuously employed on the farm, and further swamp land has been drained. We joined the herd-testing association, and our cows are now regularly tested. During the year some of our stock were affected with facial eczema, but, fortunately, not to any serious extent. It has been suggested that the cow-byres be moved to the centre of the farm. This would be an advantage to both farm and hospital, as the cows will have a shorter distance to travel and valuable building-sites for new male villas be placed at our disposal.

Visits were made by the Hon. P. Fraser, Minister in Charge of Mental Hospitals, and Mr. Simpson, Public Service Commissioner for Western Australia.

Mr. S. A. Simpson, who for many years has been associated with this hospital as Coroner, retired, Mr. W. Jeffery being appointed as his successor.

The usual entertainments and games were provided throughout the year. Mr. Dunlop, Superintendent of Waikeria, arranged for performances by the Waikeria Concert Party, and the excellent programmes were greatly appreciated by all.

I am deeply indebted to the members of the clergy who have conducted the devotional services, the Te Awamutu Library Committee for donation of books, various returned soldiers' associations for gifts of money and extra comforts, branches of women's institutes, and all those open-hearted individuals who by their generosity and interest in the hospital have materially contributed to the happiness of our patients. Mr. Findlay, our Official Visitor, has again given every assistance in promoting the welfare of the hospital.

In conclusion, I desire to thank all members of the staff who by their efforts and co-operation have helped me in the care of the patients and administration.

PORIRUA MENTAL HOSPITAL.

DR. HART reports :

I have the honour to submit my report for the year ending 31st December, 1938.

The total number of cases under care during the year was 2,011, of whom 1,774 were committed patients, 228 voluntary boarders, and the remainder of cases were remanded for observation.

Admissions numbered 429—under certification, 307 : as voluntary boarders, 113 ; and on remand, 9.

During the year 301 persons (196 committed patients and 105 voluntary boarders) were discharged, whilst a further number were sufficiently recovered mentally to leave the hospital on probation to the care of relatives or friends.

Deaths numbered 118, and 30 patients were transferred to other mental hospitals.

These figures in comparison with those of the previous year show a deduction in the number of deaths, a slight reduction in total number of cases under care and number of admissions, whilst the number of discharges and the percentage of voluntary boarders on total admissions have both increased. Over 26 per cent. of all admissions for the year entered hospital voluntarily.

During the year psychiatric work has been carried out as formerly in the psychiatric wards in the Wellington Public Hospital and at the out-patients' clinic at Wellington and Palmerston North. In the latter portion of the year, owing to medical staffing difficulties, the clinic at Palmerston North was temporarily discontinued.

The number of individual cases dealt with in this extra-mural work was as follows : (1) Cases in psychiatric wards, Wellington Public Hospital, 232 : (2) out-patients' clinic, Wellington, 189 : (3) out-patients' clinic, Palmerston North, 61.

The major structural work completed during the year was the boiler-house block containing, as it does, engineers', carpenters', painters', and upholsterers' shops. Unfortunately, the non-arrival of the boilers and certain other machinery has prevented the erected building from being brought into full use. This delay has also prevented the reconstruction of the old boiler-house block as an occupational therapy centre. A shearing-shed, with equipment, yards, dip, &c., was erected on the farm. The bakers', butchers' shop, and cool-storage block is nearing completion, whilst an additional residence for an Assistant Medical Officer will be ready for occupation at an early date. An additional washing-machine, a blanket-washer, and three modern electrically driven hydro extractors were added to the laundry equipment. Remodelling of the driers, which is at present in hand, plus an additional vac ironer, should raise the laundry efficiency to the desired standard. It is hoped that the already planned decentralization kitchen scheme for the main building will be commenced at an early date. The completion of this scheme along with certain additional equipment for existing kitchens in other units is complementary to the proposed improved variety in patients' dietary. I also hope that financial provision will be made during the year to arrange for the necessary increase in medical and clerical office accommodation and visiting-rooms in the present administration block.

Comprehensive improvements and overhaul of the hospital sewage scheme have been under review for some considerable time, but, apart from the relaying of a portion of the sewage channels about a year ago, very little progress has been made towards completing this urgent and necessary work. Throughout the year the artisan staff have been fully occupied in renovating, repairing, and making minor alterations to existing buildings. Certain other repairs and renovations, such as painting, have been completed by outside contract. Some 71 chains of hospital roads and 21 chains of paths were bitumen-sealed during the year.

Apart from occupational work for patients in the artisans' shops, sewing-rooms, gardens, farm, &c., there has been during the year a definite expansion in the more specialized occupational work such as spinning, weaving, cane-work, and simple handicrafts. A female and male instructor give tuition in these subjects, and it is hoped in the coming year to increase the types of specialized work undertaken.

Activities on the farm, orchard, flower and vegetable gardens have continued much as formerly. Additional acreage has been taken for the growing of vegetables. Apart from minor fluctuations due to variation in seasons, the returns from the vegetable gardens have during the last three or four years shown a steady increase.

The usual recreations for patients and staff have been provided for during the year. Patients' sports meetings, bowls, tennis, golf, concerts, fortnightly dances, weekly cinema, and picnics to the beach have been organized and enjoyed by various patient groups. I am grateful to Mr. Hooker for continued effort in arranging for the supply of certain magazines and weeklies for the library and reading-room. I have to thank numerous societies and charitable organizations and individuals too numerous to mention who have throughout the year provided various comforts, reading-matter, and donated money towards the patients' recreation. We are also grateful to various people who have given concerts at the hospital from time to time during the year.

I regret to have to record the death of the Rev. Mr. Harding, which occurred during the year. Mr. Harding for many years associated himself with the work of the hospital, and was indefatigable in assisting in the arranging of concerts and entertainments for patients. He will be greatly missed by patients and staff.

The shortage of medical staff existing in 1937 became more acute last year, and more especially during the latter few months of the year. In this respect I particularly wish to thank my deputy, Dr. R. G. T. Lewis, on whose shoulders fell the greater part of the burden occasioned by the absence of Assistant Medical Officers.

As with other mental hospitals, we experienced during the year a difficulty in getting probationer nurses, and this shortage was in part overcome by the female nursing staff working overtime. I should like to express my appreciation to the female nursing staff, who maintained hospital efficiency under these somewhat trying conditions.

In conclusion, I wish to thank the staff as a whole for their loyal co-operation in the work of the year.

NELSON MENTAL HOSPITAL.

DR. WILLIAMS reports:

I have the honour to present my annual report for the year ending 31st December, 1938.

The total number of cases under care during this period was 923, of whom 896 were held under a reception order, 25 were voluntary boarders, and 2 were sent to us on remand for observation.

The admissions totalled 74, of whom 12 were voluntary boarders and 62 were certified. Of the latter, 18 were admitted under the provisions of section 8 of the 1928 Amendment to the Act.

The discharges, 38 in number, included 11 voluntary boarders.

There were 56 deaths during the year, amongst whom were several feeble children, whose poor resistive power could not withstand the whooping-cough, which occurred as an epidemic. As is frequent when whooping-cough is prevalent, there were other epidemics, of minor disorders chiefly. Most notable was measles, and more than 300 of our patients were affected, some having as many as three attacks. A large proportion of the staff was affected also.

The principal item in the building programme has been the erecting of a Nurses' Home at Ngawhatu. This should be completed and ready for occupation about the middle of 1939.

The road up Yorks Valley was tar-sealed as far as Villa 3. New piggeries were built at Ngawhatu, but await some additions before they will be ready for occupation. Staff cottages were renovated; extensions were made to water-supply; painting of and repairs to butcher's shop were done; and the developmental work in Yorks Valley continued, though, as noted previously, paucity of good labour has resulted in this progressing rather slowly.

At Nelson fire-breaks were put through the pine plantation; the adjoining hill was cleared, and some thousands of trees planted there. Additions were made to the sewage systems, and the farm buildings, stores block, and artisans' workshop were renovated where required and are being repainted. A good deal of inside painting has been done by the working-party also.

Authority has been received for the repainting of Villa No. 1, but scarcity of suitable labour has made it not possible to do this work yet. Similarly, we have been unable to obtain adequate workmen for the fencing of Stoke Farm above Poorman's Valley, although we have the materials on hand.

Tenders have been called for the erection of three new male villas. These will be most welcome, and will result in better classification and treatment of patients.

A modern admission block with sick-bay and theatre facilities and independently situated is really very desirable and necessary.

Miss Soutter, Kitchen Supervisor, has been here for some little time and has offered useful suggestions. She is much in favour of the system in vogue of cooking in the individual villa.

Fire drill has been carried out regularly, and appliances inspected by the Public Works Department, and their recommendations adopted. The local fire brigade has visited in order to gain familiarity with the lay-out.

The patients have been well catered for in the matter of amusements and recreation, and in this respect my thanks are due to many individuals, business firms, and societies in Nelson for their continued support and for donations of moneys and goods.

Miss Cooksey and party have been particularly good in providing outings for the children: the Sunshine Fund organized by Mrs. Scantlebury for provision also of picnics for the children has been very successful, and the results were much appreciated.

To the Official Visitor, to the visiting Ministers of religion, to my colleague Dr. Crawshaw, and to the staff generally, for assistance and co-operation I wish also to express my thanks.

HOKITIKA MENTAL HOSPITAL.

Dr. CHILDS reports :—

I have the honour to submit my report for the year ending 1938.

At the commencement of the year the patients on the register numbered 462. The admissions proper were 20, while 5 males and 6 females were received on transfer.

The discharges numbered 13, transfers to other institutions 4, and deaths 24.

The total number under treatment was 493, and the number remaining on the register at the end of the year 452.

There were 3 voluntary boarders on the register at the beginning of the year ; 9 were admitted and 4 discharged.

The general health of the patients has been satisfactory.

A new model piggery and a cycle-shed have been erected during the course of the year. Arrangements are almost completed for the building of a new Nurses' Home and for the erection of two closed villas, one on the male and one on the female side.

With the Nurses' Home completed it will then be possible to enlarge the existing store accommodation, which, owing to the continued growth of the institution, has become inadequate, while the additional two closed villas will allow of a better classification of the patients than is possible at present.

The usual routine of farming and gardening operations have been carried out during the year, 8 acres of swamp land have been cleared, drained, and left fallow, and 5 acres of fallow land sown down in grass.

The painting gang has been active during the year, and the usual maintenance-work carried out.

The Hokitika Band has, as usual, visited the hospital frequently and supplied most of the music for the patients' dances.

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

The playing-field has been enlarged and improved, and games and recreation are playing an important part in the life of the institution, but the want of a recreation hall is becoming increasingly urgent. Picnic, swimming, theatre, and shopping parties are arranged when possible, and suitable patients are given the opportunity of attending outside entertainments, such as the local race meetings, sports gatherings, &c.

Thanks are due to those who have provided entertainment during the year and to those who have been responsible for Christmas gifts and cheer.

The clergy have made frequent visits, and regular services have been held.

Mrs. Fane, who has a considerable knowledge of social work, has been appointed Official Visitor on the female side, and the Official Visitor for the male side has shown his usual interest in the welfare of the patients.

I wish to thank the staff for the generous support they have given me during the year.

CHRISTCHURCH MENTAL HOSPITAL.

Dr. McKILLOP reports :—

I have the honour to forward my report for the year ending 31st December, 1938.

On 1st January, 1938, there were 1,394 patients (773 males, 621 females) on the register. During the year 227 persons (107 males, 120 females) were admitted and 20 patients were transferred from other institutions. Discharges totalled 141 (61 males, 80 females), and there were 1,641 persons under care during the year.

Out of 11 cases sent for observation, 6 were committed and 5 were discharged.

Voluntary boarders numbered 66 (males 34, females 32), and of this number, 22 males and 17 females improved sufficiently to return to their former duties.

There were 95 deaths during the year, the cause in most cases being senile decay.

Much has been done during the past few years to make the conditions of the patients more comfortable, and overcrowding is not now in evidence. Personally, I should like to see separate institutions for the senile cases. At the present time many aged persons are sent to a mental hospital on the appearance of slight aberration ; such cases seldom give us any trouble. The provision of two new villas, one for female patients and one for males to accommodate senile patients, and of a hospital block would make this mental hospital quite up to date.

The pumping machinery has been installed, and the water-supply is now of excellent quality and quite adequate. The old system has been retained and connected up for fire purposes.

The laundry at Templeton, although completed at the time of my last report, is not yet functioning, and the delay is causing very great inconvenience. Present indications are that it is unlikely to be in use for some months, though I understand tenders have been called for the erection of the machinery.

The new bakehouse at Sunnyside is in use, and extensive alterations are now being carried out in the kitchen.

The occupational therapy building has been completed and will be occupied very soon; the extension of this class of treatment is likely to prove of great value. The results have been very gratifying.

The new poultry-houses are now in use. The latest form of equipment has been installed, and the prospects of making this branch of farm-work a success are very good. Several experienced poultrymen have inspected the plant and have unanimously considered the layout an excellent one.

The farm generally has had a good year.

Patients' recreation has been carried out on the usual lines. I have to thank the concert parties who have come to Sunnyside and to Templeton. The concerts and picture programmes have proved of great enjoyment to the patients. Miss Jackson and the staff of the winter gardens provided the Christmas tree and a party for the children, and I have to thank them for their efforts.

The numbers attending the clinic at the Christchurch Hospital have increased considerably, and many new cases have come of their own accord apart from the cases sent by general practitioners. I have visited Timaru Hospital monthly; there the clinic is also functioning well.

Mr. H. D. Acland, K.C., and the Official Visitors (Mrs. Williams, Mr. Hanna, and the Rev. Mr. R. Martin) have paid regular visits to the hospital. They are keenly interested in the patients and the work of the institution. We were fortunate to get the services of Dr. Cameron during the latter part of the year, and it is very pleasing to know that Drs. Heath and O'Reilly have been appointed to the Sunnyside staff. I have to record my thanks to Dr. Belfringer for his valued assistance during a most trying year.

I regret exceedingly that the services of Mr. Thomas have been lost to the Department. This most efficient Chief Clerk has retired after almost forty years of service. I have to thank him and his office staff, the Matrons, Head Attendants, and the staff as a whole for their assistance.

SEACLIFF MENTAL HOSPITAL.

DR. BROWN reports:—

I have the honour to present my report for the year ending 31st December, 1938.

On the 1st January, 1938, there were 1,133 patients on the register. During the year 142 patients were admitted, 75 were discharged, and 10 were transferred to other institutions. The total number of patients under care during the year was 1,275.

During the year 80 voluntary boarders were under care, and 40 still remain.

There were 74 deaths, the chief causes being senile decay and cardio-vascular disease.

At the end of the year there were 1,071 patients and 37 boarders resident. There has been a decrease in the total population, but the overcrowding has only been relieved to that extent so that the male side is overcrowded to the extent of 82 and the female side to 67. I would again emphasize the need for new admission units.

The general maintenance of the hospital has involved much work. Various bathrooms and lavatories have been repaired and remodelled, and much painting, both external and internal, has been done. A new bathroom has been built in F. 1 Ward at Waitati, and a kitchen for that ward will soon be completed. A sick bay with a surgery is almost finished in F. 4 Ward at Seacliff. The conversion of the old boiler-house into a unit for occupational therapy is well in hand. The water mains from Double Hill continue to give trouble from time to time due to the slipping ground, and many repairs have been effected on them.

The gardens and the grounds have been well looked after, and the farm has had a satisfactory year.

Miss Miller, of the Red Cross Society, has continued her teaching of handicrafts to the patients with satisfactory results. The building which is being converted to an occupational centre will be ready for use shortly, and it will allow this form of treatment to be extended to patients who cannot receive it under existing conditions. The members of the Dunedin Branch of the Womens' National Council continued to visit and to teach sewing and fancy work to the female patients. My thanks are due to these ladies for their kindly interest.

Included in the occupational block will be a fully-equipped hairdressing-room, and this, with the appointment of a full-time hairdresser, will provide a service which should be greatly appreciated, especially by the female patients.

Further alterations to the main kitchen, including a hot-plate, have helped to improve the service of meals to the wards.

In the early hours of the morning of 20th July the wooden dining-room of F. 1 Ward was destroyed by fire. When the outbreak was discovered the wooden building was beyond saving, and the attendants and artisans did excellent work in controlling the blaze and preventing its spread to the adjacent buildings. The nurses evacuated the patients from F. 1 Ward with a total absence of fuss or panic, and the conduct of the whole staff was most praiseworthy.

In December, during heavy rains, a creek overflowed its banks and did extensive damage to the kitchen garden, as well as flooding the kitchen, store, and workshops. Despite the loss of a portion of our main crop of vegetables, the gardener has contrived to keep the kitchen well supplied with fresh vegetables.

The treatment of cases of schizophrenia with insulin was commenced in June. One series of cases has completed the treatment, and a second series is at present undergoing and will shortly complete it. The technique of this work is intricate and exacting, and unremitting medical and nursing attention is necessary for its success. At this stage figures relating to our results would be fallacious, but the results have been most encouraging, in some cases quite startling. The treatment has its undoubted dangers, but, despite them, it is a marked advance in the treatment of these unfortunate people, and my opinion is that it is well worth pursuing. I am much indebted to the Otago Medical School and to Professor D'Ath in particular for a great deal of help in the investigation of these cases.

For the entertainment of the patients I am indebted to various organizations. Concerts have been provided by the Dunedin Male Voice Choir, the Justices of the Peace Association, the Orphans Club, the Dunedin Choral Society, and the United Congregational Choir. The Salvation Army, the West Harbour Band, and the St. Kilda Band have provided enjoyable band entertainments. The staff Sports Club has entertained the patients at various times. Many of these concerts have been given through the agency of Mr. Stevens, of the Patients' and Prisoners' Aid Society, and I am grateful to him and his society which has provided the transport for these concert parties. The Otago Agricultural and Pastoral Association and the Waikouaiti Racing Club granted free admission to the show and race meeting. To them and to the companies who provide the weekly picture programmes I wish to express my thanks. The Returned Soldiers' Association have provided tobacco and other comforts for the soldier patients, and I am in their debt also.

I have to acknowledge the gift of more wireless sets from the Patients' and Prisoners' Aid Society. Every ward in the hospital is now equipped with a set, and the entertainment so provided is greatly enjoyed by the patients.

I am on the honorary staff of the Dunedin Public Hospital and visit there twice a week. During the year 189 new cases were seen either in the wards or in the outpatients' clinic. I saw 27 cases on my monthly visits to the Oamaru Public Hospital. Dr. Hay has conducted a monthly clinic in the Invercargill Public Hospital, and 34 new cases were seen by him.

The Hon. P. Fraser, Minister in Charge of Mental Hospitals, visited the hospital on the 28th October. He spent the whole day with us and saw round the greater part of the institution. His knowledgeable interest in our work was greatly appreciated.

Mr. C. B. Barrowclough, the District Inspector, and Mr. A. Stevens, the Official Visitor, paid us many visits and showed a kindly interest in the well-being of the patients.

To Mrs. McLaren, the Matron, and to Mr. Beasley, the Head Attendant, I would tender my thanks for their loyal co-operation. They and their staffs worked most efficiently, and the way in which the nursing staff, both male and female, worked to make the insulin treatment a success is worthy of the highest commendation. I have also to thank Mr. Thomas, the Chief Clerk, and the various other heads of departments and their staffs.

The shortage of medical staff placed much extra work on Dr. Hay and Dr. McLachlan, and the insulin treatment added to their already onerous duties. I wish to place on record my appreciation of their ungrudging work and helpful co-operation.

MENTAL NURSES.

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

Passed top for Dominion : Miss M. T. Miller (Porirua).

Auckland : Nurses—J. R. Carnie*, E. J. Christie, I. E. H. Porter, E. J. Wendelborn.

Papakura : Attendant—D. R. Curin. Nurses—N. L. Jackson, A. M. Jones, E. L. Quinn.

Tokanui : Attendants—L. H. Allen, C. A. McDonald, W. J. Pittams*, R. J. Wilkinson.
Nurses—H. O. Harris, P. Jacobs, M. D. Moyes, M. Puch.

Porirua : Attendants—H. A. Beasley, B. C. Ewing, H. M. Stitt, C. Todd. Nurses—E. Burton, M. B. Cartwright, O. Davies, E. Ford*, N. D. Hebbend, S. E. Hickman, K. V. Kane*, T. M. McConachy, M. T. Miller*, M. A. Poole, E. M. Shelton*.

Nelson : Attendant—L. J. McMurray. Nurses—C. I. H. J. Higgs*, J. F. Knight, M. M. Pascoe, M. Rees.

Hokitika : Attendants—J. S. G. Diedrichs, A. F. J. Dowling.

Christchurch : Attendants—R. G. S. Burke*, D. E. A. Cocks, R. A. D. Fulton*, W. K. Greer, H. J. McLeod, C. P. Pablecheque. Nurses—M. N. Ashby, J. Cundell, E. M. Davidson, L. E. Hickman*, N. E. Johnson*, R. E. Torrie, R. M. White. *Templeton Farm* : Male Institution Officer—W. J. T. Maunder. Female Institution Officer—T. E. M. McCara.

Seacliff : Attendants—H. D. Bell, B. Jaquiere, G. M. Proudfoot, A. Rankine, T. S. Ruddiman, L. Stewart. Nurses—J. M. B. Burns, P. M. Kofoed, M. A. Maker, J. J. Rankine, F. M. Valentine, E. V. M. Wilson.

* Passed with distinction.

APPENDIX.

TABLE I.—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1938.

	M.	F.	T.	M.	F.	T.
In mental hospitals, 1st January, 1938	4,352	3,545	7,897			
Admitted for the first time	445	488	933	} 527	575	1,102
Readmitted	82	87	169			
Total under care during the year	4,879	4,120	8,999			
Discharged and died—						
Recovered	170	210	380			
Not recovered	140	135	275			
Died	273	274	547	583	619	1,202
(Not including transfers—Males, 52; females, 44.)						
Remaining in mental hospitals, 31st December, 1938	4,296	3,501	7,797			
Decrease over 31st December, 1937	56	44	100			
Average number resident during the year	4,129	3,287	7,416			

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 1938.

Mental Hospitals.	In Mental Hospitals on 1st January, 1938.			Admissions in 1938.									Total Number of Patients under Care.		
	M.	F.	T.	Admitted for the First Time.			Not First Admissions.			Transfers.			M.	F.	T.
Auckland	712	609	1,321	111	130	241	22	22	44	9	..	9	854	761	1,615
Kingseat	297	287	584	2	..	2	1	..	1	7	2	9	307	289	596
Tokanui	322	341	663	38	39	77	5	7	12	2	5	7	367	392	759
Porirua	872	595	1,467	111	125	236	35	24	59	6	6	12	1,024	750	1,774
Nelson	482	352	834	22	17	39	3	1	4	6	13	19	513	383	896
Hokitika	209	253	462	10	9	19	1	..	1	5	6	11	225	268	493
Christchurch	773	621	1,394	96	101	197	11	19	30	12	8	20	892	749	1,641
Seacliff	671	462	1,133	52	64	116	4	14	18	5	3	8	732	543	1,275
Ashburn Hall (private mental hospital)	14	25	39	3	3	6	..	..	..	..	1	1	17	29	46
Totals	4,352	3,545	7,897	445	488	933	82	87	169	52	44	96	4,931	4,164	9,095

Mental Hospitals.	Patients discharged, transferred, and died.												In Mental Hospitals on 31st December, 1938.		
	Discharged recovered.			Discharged not recovered.			Transferred.			Died.			Total discharged, transferred, and died.		
Auckland	38	48	86	33	25	38	6	8	14	56	67	123	133	148	281
Kingseat	..	1	1	4	..	4	3	..	3	9	4	13	16	5	21
Tokanui	12	17	29	10	11	21	5	1	6	21	26	47	48	55	103
Porirua	70	64	134	34	28	62	13	17	30	62	51	113	179	160	339
Nelson	11	9	20	5	2	7	4	1	5	39	17	56	59	29	88
Hokitika	3	4	7	1	5	6	1	3	4	8	16	24	13	28	41
Christchurch	24	37	61	37	43	80	11	9	20	42	53	95	114	142	256
Seacliff	12	27	39	16	20	36	6	4	10	35	39	74	69	90	159
Ashburn Hall (private mental hospital)	..	3	3	..	1	1	3	1	4	1	1	2	4	6	10
Totals	170	210	380	140	135	275	52	44	96	273	274	547	635	663	1,298

Mental Hospitals.	Average Number resident during the Year.			Percentages of Recoveries on Admissions during the Year.			Percentages of Deaths on Average Number resident during the Year.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland	661	529	1,190	28.57	31.58	30.18	8.47	12.66	10.34
Kingseat	292	285	577	..	..	33.33	3.08	1.40	2.25
Tokanui	307	328	635	27.90	36.96	32.58	6.84	7.93	7.40
Porirua	837	555	1,392	47.95	42.95	45.42	7.41	9.19	8.12
Nelson	447	336	783	44.00	50.00	46.51	8.72	5.06	7.15
Hokitika	205	241	446	27.27	44.44	35.00	3.90	6.64	5.38
Christchurch	716	554	1,270	22.43	30.83	26.87	5.87	9.57	7.48
Seacliff	650	434	1,084	21.43	34.62	29.10	5.38	8.99	6.83
Ashburn Hall (private mental hospital)	14	25	39	..	100.00	50.00	7.14	4.00	5.13
Totals	4,129	3,287	7,416	32.26	36.52	34.48	6.61	8.33	7.38

TABLE III.—NATIVE COUNTRIES.

Countries.	Auckland.			Kingsseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
England and Wales	117	72	189	53	49	102	44	40	84	140	81	221	42	37	79	25	20	45	61	52	113	56	32	88	3	1	4	541	384	925
Scotland	24	21	45	13	5	18	13	5	18	37	20	57	21	11	32	6	9	15	21	11	32	41	28	69	3	1	4	179	111	290
Ireland	25	19	44	17	18	35	16	14	30	35	19	54	12	4	16	15	9	24	19	16	35	22	13	35	0	0	0	161	112	273
New Zealand ..	425	412	837	138	163	301	203	240	443	531	422	953	337	277	614	129	153	282	660	509	1,169	511	362	873	6	20	26	2,940	2,558	5,498
Australian States	35	28	63	17	12	29	8	13	21	36	21	57	8	8	16	14	10	24	9	14	23	15	9	24	1	1	2	143	116	259
France	0	1	1	1	0	1	1	0	1	3	5	5	1	1	2	1	0	1	1	0	1	4	0	4	..	..	..	1	1	2
Germany	1	0	1	1	0	1	2	1	3	2	3	5	1	1	2	1	0	1	1	0	1	4	0	4	..	..	..	13	5	18
Austria	8	1	9	6	0	6	3	0	3	0	1	1	1	0	1	1	0	1	..	..	..	0	0	0	..	..	..	18	1	19
Norway	1	0	1	4	0	4	2	0	2	0	1	1	1	..	..	1	0	1	1	0	1	0	0	0	..	..	..	8	1	9
Sweden	..	..	..	1	2	3	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	..	..	..	6	3	9
Denmark	1	0	1	1	0	1	2	1	3	2	1	3	4	0	4	1	0	1	..	..	..	1	0	1	..	..	..	12	2	14
Italy	..	2	0	2	0	1	1	0	1	1	3	0	3	0	1	3	0	3	..	..	..	1	0	1	..	..	..	9	2	11
China	4	1	5	1	0	1	1	0	1	1	4	1	5	..	..	..	..	..	..	..	..	1	0	1	..	..	..	11	2	13
Maoris	18	23	41	6	0	6	11	17	28	37	15	52	6	2	8	0	0	0	2	5	7	3	1	..	..	..	81	62	143	
Other countries	37	14	51	11	9	20	12	5	17	17	6	23	7	1	8	5	0	5	4	0	4	3	2	5	..	..	..	96	37	133
Unknown	23	21	44	22	25	47	..	..	..	..	..	..	14	12	26	11	39	50	..	..	..	7	7	14	..	..	..	77	104	181
Totals	721	613	1,334	291	284	575	319	337	656	845	590	1,435	454	354	808	212	240	452	778	607	1,385	663	453	1,116	13	23	36	4,296	3,501	7,797

TABLE IV.—AGES OF PATIENTS ON 31ST DECEMBER, 1935.

Ages.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
From 1 to 5 years	1	0	1	..	..	..	1	2	3	0	4	4	7	2	9	0	1	1	1	4	2	6	0	1	1	12	10	22		
" 5 " 10 "	1	1	2	..	..	..	8	5	13	1	7	8	19	8	27	0	1	1	40	24	64	0	5	5	62	48	110			
" 10 " 15 "	8	3	11	..	..	..	11	8	19	20	24	44	50	19	69	5	2	7	115	69	184	17	15	32	139	65	204			
" 15 " 20 "	16	23	39	3	0	3	11	8	19	20	24	44	50	19	69	5	2	7	115	69	184	17	15	32	238	160	398			
" 20 " 30 "	115	57	172	20	19	39	49	48	97	124	66	190	97	51	148	13	15	28	121	113	234	103	43	146	3	0	3	643	414	1,057
" 30 " 40 "	137	134	271	38	43	81	53	56	109	158	92	250	42	46	91	32	22	54	106	73	179	135	52	187	3	0	3	704	521	1,225
" 40 " 50 "	149	130	279	60	55	115	46	77	123	169	136	305	44	63	107	27	42	69	101	80	181	120	99	219	1	1	2	717	683	1,400
" 50 " 60 "	140	141	281	79	79	158	65	67	132	201	142	343	52	69	121	58	73	131	129	95	224	137	111	248	1	11	12	862	788	1,650
" 60 " 70 "	89	75	164	66	50	116	64	49	113	112	63	175	51	53	104	42	56	98	56	76	132	93	80	173	2	3	5	575	505	1,080
" 70 " 80 "	40	33	73	20	19	39	21	22	43	42	42	84	30	22	52	32	20	52	25	36	61	47	37	84	4	4	8	261	235	496
" 80 " 90 "	2	0	2	1	0	1	3	4	..	12	16	1	6	4	10	0	1	1	8	5	13	9	7	16	0	2	2	47	37	84
Upwards of 90 "	..	..	..	..	..	..	..	..	..	0	1	1	..	..	..	..	..	..	0	0	0	2	0	2	5	1	6	37	34	65
Unknown	14	8	22	2	16	18	..	..	..	3	0	3	8	1	9	3	4	7	1	2	3	0	3	3	31	34	65	4,296	3,501	7,797
Totals	721	613	1,334	291	284	575	319	337	656	845	590	1,435	454	354	808	212	240	452	778	607	1,385	663	453	1,116	13	23	36	4,296	3,501	7,797

TABLE V.—LENGTH OF RESIDENCE OF PATIENTS DISCHARGED “RECOVERED” DURING 1938.

Length of Residence.	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall. (Private Mental Hospital.)			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 1 month	1	2	3				1	0	1	1	0	1																		
From 1 to 3 months	6	2	8				4	1	5	11	6	17																		
" 3 " 6 "	3	1	4				1	1	2	12	13	25																		
" 6 " 9 "	3	6	9				3	5	8	11	7	18																		
" 9 " 12 "	4	12	16				1	4	5	16	7	13																		
" 1 " 2 years	12	19	31				1	3	4	16	18	34																		
" 2 " 3 "	0	1	1				1	2	3	6	5	11																		
" 3 " 5 "	6	2	8				0	1	1	3	8	11																		
" 5 " 7 "	2	1	3							1	0	1																		
" 7 " 10 "	0	2	2							1	0	1																		
" 10 " 12 "										2	0	2																		
" 12 " 15 "																														
Over 15 years	1	0	1																											
Totals	38	48	86	0	1	1	12	17	29	70	64	134	11	9	20	3	4	7	24	37	61	12	27	39	0	3	3	170	210	380

TABLE VI.—CAUSES OF DEATH, 1938.

Causes.	Auckland.		Kingseat.		Tokanui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seacliff.		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	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Of lungs	1	1	..	..	0	3	3	2	1	1	..	..	2	6	3	3	..	..	10	16
Of intestines	..	..	..	..	..	..	0	1	..	..	..	..	..	..	1	0	..	..	1	1
Cancer	0	1	1	0	2	2	4	2	0	1	..	..	0	1	1	1	..	..	8	8
Furunculosis	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Typhoid	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Toxæmia	..	..	..	..	1	0	2	2	1	0	..	..	..	..	..	..	..	..	4	2
Diabetes	..	..	..	..	1	0	1	0	0	1	1	0	..	..	..	..	..	..	3	1
Purpura hæmorrhagica	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Asthænia	..	..	..	..	..	..	..	..	3	0	0	2	..	..	..	..	..	..	3	2
II.—DISEASES OF THE NERVOUS SYSTEM.																				
Mania, exhaustion from	2	1	..	..	0	1	..	..	1	2	..	..	1	3	..	..	..	..	4	6
Melancholia, exhaustion from	4	4	..	..	1	0	0	1	..	..	..	..	1	0	..	..	..	..	6	5
Confusional insanity, exhaustion from	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	0	1
General paralysis of the insane	1	1	1	0	..	..	3	2	1	0	0	1	3	0	2	0	..	..	11	4
Epilepsy	1	2	..	..	1	1	2	5	6	2	..	..	2	3	3	2	..	..	15	15
Cerebral hæmorrhage	5	6	3	1	1	0	2	1	..	..	0	2	2	4	2	4	..	..	15	18
Cerebral thrombosis	6	3	..	..	1	3	2	1	1	1	0	1	..	..	1	1	..	..	11	10
Cerebral syphilis	0	2	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	2
Hydrocephalus (internal)	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Post Encephalitic Parkinsonism	..	..	..	..	..	..	1	0	1	0	..	..	..	..	..	..	..	..	2	0
Primary cerebral sclerosis	..	..	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	0	1
III.—DISEASES OF THE RESPIRATORY SYSTEM.																				
Pneumonia, lobar	2	2	..	..	0	1	2	4	1	2	..	..	0	2	..	..	..	..	5	11
Broncho-pneumonia	8	9	..	..	0	1	1	1	6	0	0	3	3	5	2	1	..	..	20	20
Acute septic pharyngitis	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Bronchitis	..	..	..	..	0	1	0	1	..	..	0	1	..	..	0	1	..	..	0	4
Hypostatic pneumonia	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	1	0	1	1
Pulmonary fibrosis	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	..	..	0	1
Pulmonary oedema	..	..	..	..	..	..	..	..	..	..	..	..	0	1	1	0	..	..	1	1
Empyema	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
IV.—DISEASES OF THE CIRCULATORY SYSTEM.																				
Heart-disease	9	15	1	2	4	6	4	4	5	1	4	3	8	19	5	11	..	..	40	61
Arterio-sclerosis	2	3	2	0	..	..	8	3	..	..	1	0	6	0	0	1	..	..	19	7
Coronary thrombosis	0	2	..	..	..	..	3	1	1	0	..	..	..	..	..	..	..	..	4	3
Aortic aneurysm	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
V.—DISEASES OF THE DIGESTIVE SYSTEM.																				
Peritonitis	0	1	..	..	..	..	..	..	1	0	0	1	..	..	1	0	..	..	2	2
Bacillary dysentery	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	6
Ulcerative colitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Volvulus	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
VI.—DISEASES OF THE GENITO-URINARY SYSTEM.																				
Nephritis	..	..	1	1	1	0	1	0	1	0	..	..	0	1	1	0	..	..	5	2
Uræmia	1	1	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	3	1
Pyonephrosis	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
VII.—OLD AGE.																				
Senile decay	2	1	..	..	8	4	18	17	6	5	1	0	12	6	8	14	0	1	55	48
VIII.—EXTERNAL CAUSES.																				
Suicide	..	..	..	..	..	..	2	0	..	..	..	..	0	2	1	0	..	..	3	2
Exposure or exhaustion	..	..	..	..	..	..	..	..	0	1	..	..	..	..	..	..	..	..	0	1
IX.—DIED WHILE ON TRIAL																				
Totals	56	67	9	4	21	26	62	51	39	17	8	16	42	53	35	39	1	1	273	274

TABLE VII.—PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1938.

Causes.	Auckland.		Kingseat.		Tokanui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seacliff.		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.
Alcohol ..	9	0	..	..	4	0	12	4	1	0	..	..	10	1	6	1	..	..	42	6
Arterio-sclerosis ..	7	8	..	..	2	1	8	5	..	..	..	..	4	3	0	9	..	..	21	26
Climacteric ..	..	..	..	..	0	2	0	5	..	..	..	..	..	..	..	..	..	..	0	7
Congenital ..	21	15	..	..	8	4	9	9	15	4	2	2	39	23	10	12	..	..	104	69
Constitutional ..	13	31	..	..	..	..	26	48	..	..	..	..	..	..	..	..	1	0	39	79
Deprivation of senses ..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	3	1
Encephalitis ..	2	0	..	..	1	0	8	3	0	1	..	..	2	3	1	1	..	..	16	8
Epilepsy ..	2	0	2	0	1	0	4	3	2	1	..	..	0	3	..	..	1	2	21	17
Heredity ..	9	4	..	..	5	4	4	3	..	..	..	..	0	3	..	..	..	..	2	3
Ill-health ..	..	..	..	..	1	0	1	3	..	..	1	0	..	..	..	..	..	..	20	31
Involution ..	12	11	..	..	..	0	2	3	1	1	1	1	1	12	2	3	..	..	59	100
Mental stress ..	12	28	..	..	11	12	9	12	1	1	1	2	13	26	12	19	..	..	8	8
Organic brain disease ..	3	0	..	..	0	2	3	4	..	..	0	1	2	1	..	..	..	..	1	0
Post operative ..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	0	1
Post poliomyelitis ..	..	..	..	..	0	1	0	1	..	..	..	..	..	..	..	..	..	..	79	73
Previous attack ..	22	22	1	0	6	4	35	24	3	1	1	1	2	2	9	19	..	..	22	28
Puberty or adolescence ..	..	..	..	..	0	1	1	1	2	2	3	0	15	19	1	4	0	1	0	21
Puerperal ..	0	7	..	..	0	7	0	2	..	..	..	..	0	5	..	..	..	..	69	84
Senility ..	14	22	..	..	4	9	22	13	0	7	0	2	14	21	14	10	1	0	15	7
Syphilis ..	6	4	..	..	..	..	2	3	..	..	2	0	5	0	..	..	..	..	3	5
Toxic ..	..	..	..	..	..	..	2	5	..	..	..	..	..	..	1	0	..	..	2	1
Traumatic ..	1	0	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Transfers ..	9	0	7	2	2	5	6	6	6	13	5	6	12	8	5	3	0	1	52	44
Totals ..	142	152	10	2	45	51	152	155	31	31	16	15	119	128	61	81	3	4	579	619

TABLE VIII.—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.			Not Improved.			Died.	Remaining, 31st December in each Year.			Average Numbers resident.			Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Numbers resident.																							
							Relieved.																																							
	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	221	117	338	129	79	208	17	8	25	36	12	48	482	254	736	491	257	748	54	53	66	01	57	56	8	21	3	58	6	70	6	70	6	70	6	70	6	70	6	70	6	70	6	70	6	70
1876	250	112	362	123	57	180	20	5	25	42	21	63	581	291	872	541	277	818	49	20	50	80	49	72	7	76	7	55	7	70	7	55	7	70	7	55	7	70	7	55	7	70	7	55	7	70
1877	247	131	378	121	68	189	14	14	28	4	8	5	605	319	957	601	303	904	48	98	51	90	50	00	8	48	5	61	7	52	5	61	7	52	5	61	7	52	5	61	7	52	5	61	7	52
1878	248	151	399	112	76	188	15	13	28	9	4	13	638	361	1,056	666	337	1,003	45	16	50	33	47	11	8	25	4	74	7	07	4	74	7	07	4	74	7	07	4	74	7	07	4	74		
1879	229	149	378	100	67	167	36	25	61	5	2	7	729	396	1,125	703	371	1,074	43	66	44	96	44	17	7	68	5	39	6	89	5	39	6	89	5	39	6	89	5	39	6	89				
1880	232	127	359	93	65	158	41	36	77	9	14	63	769	406	1,175	747	388	1,135	40	08	51	10	44	01	6	29	3	60	5	55	3	60	5	55	3	60	5	55	3	60	5	55				
1881	267	152	419	95	59	154	49	32	81	5	6	11	827	442	1,269	796	421	1,217	35	58	38	81	36	75	7	53	4	51	6	49	4	51	6	49	4	51	6	49	4	51	6	49				
1882	255	166	421	102	78	180	13	20	33	10	9	19	832	483	1,375	860	475	1,335	40	00	46	98	42	75	7	55	3	78	6	21	3	78	6	21	3	78	6	21	3	78	6	21				
1883	238	133	391	89	77	166	17	9	26	18	12	30	938	514	1,452	911	497	1,408	37	39	50	32	42	45	7	46	4	82	6	53	4	82	6	53	4	82	6	53	4	82	6	53				
1884	246	133	379	95	76	171	10	5	15	25	2	27	981	542	1,523	965	528	1,493	38	62	57	14	45	12	7	56	4	16	6	36	4	16	6	36	4	16	6	36	4	16	6	36				
1885	207	165	372	99	60	159	11	17	28	12	7	19	1,009	604	1,613	984	559	1,543	47	82	36	36	42	74	5	79	3	39	4	91	3	39	4	91	3	39	4	91	3	39	4	91				
1886	255	161	416	103	78	181	34	17	51	5	2	11	1,033	643	1,696	1,034	613	1,647	40	39	48	75	43	61	7	15	4	40	6	13	4	40	6	13	4	40	6	13	4	40	6	13				
1887	215	146	361	116	92	208	31	28	59	2	3	5	1,074	640	1,681	1,045	641	1,686	41	63	53	95	63	01	57	62	7	56	4	40	6	13	4	40	6	13	4	40	6	13						
1888	230	161	391	93	53	146	31	30	61	3	1	4	1,074	687	1,761	1,046	660	1,707	40	43	32	92	37	34	6	69	4	54	5	86	4	54	5	86	4	54	5	86	4	54						
1889	230	160	390	98	88	186	23	17	40	12	5	17	1,095	702	1,797	1,078	685	1,763	42	61	55	00	47	69	7	05	5	11	6	29	5	11	6	29	5	11	6	29	5	11						
1890	234	171	405	88	74	162	33	24	57	14	..	14	1,115	734	1,849	1,089	699	1,789	37	61	43	27	40	00	7	25	5	86	6	71	5	86	6	71	5	86	6	71	5	86						
1891	231	158	389	89	76	165	21	17	38	8	2	10	1,154	763	1,917	1,125	714	1,839	38	53	48	10	42	42	6	58	4	76	5	87	4	76	5	87	4	76	5	87	4	76						
1892	281	179	460	101	89	190	17	12	29	10	8	18	1,229	810	2,039	1,172	758	1,930	35	94	49	72	41	30	6	66	3	03	5	23	3	03	5	23	3	03	5	23	3	03						
1893	270	176	446	107	76	183	15	11	26	5	4	9	1,308	860	2,168	1,241	812	2,053	39	63	43	13	41	03	5	16	4	31	4	82	4	31	4	82	4	31	4	82	4	31						
1894	281	176	446	107	76	183	15	11	26	5	4	9	1,329	885	2,214	1,313	849	2,162	41	67	46	06	43	61	7	69	4	94	6	61	4	94	6	61	4	94	6	61	4	94						
1895	252	165	417	105	77	182	24	19	43	1	2	3	1,440	990	2,430	1,411	944	2,355	35	92	37	82	36	69	7	44	3	63	5	29	3	63	5	29	3	63	5	29	3	63						
1896	278	159	437	104	70	174	25	16	41	2	1	3	1,512	1,045	2,557	1,487	1,004	2,491	33	98	49	49	40	83	7	67	4	38	6	30	4	38	6	30	4	38	6	30	4	38						
1897	284	193	477	102	73	175	17	12	29	10	..	10	1,581	1,091	2,672	1,534	1,049	2,583	34	33	49	54	39	61	6	45	4	38	5	61	4	38	5	61	4	38	5	61	4	38						
1898	254	212	466	114	110	224	13	23	36	7	1	8	1,472	1,008	2,480	1,438	973	2,411	44	88	51	89	48	07	6	12	6	17	6	14	6	17	6	14	6	17	6	14	6	17						
1899	259	199	458	88	99	187	15	19	34	2	1	3	1,512	1,045	2,557	1,487	1,004	2,491	33	98	49	49	40	83	7	67	4	38	6	30	4	38	6	30	4	38	6	30	4	38						
1900	300	202	502	103	96	199	29	10	39	..	..	4	1,581	1,091	2,672	1,534	1,049	2,583	34	33	49	54	39	61	6	45	4	38	5	61	4	38	5	61	4	38	5	61	4	38						
1901	320	223	543	125	104	229	20	17	37	..	2	2	1,654	1,119	2,773	1,622	1,094	2,716	39	06	46	64	42	17	6	29	6	38	6	41	6	38	6	41	6	38	6	41	6	38						
1902	352	226	581	144	101	245	26	15	41	10	9	19	1,715	1,133	2,848	1,671	1,114	2,785	38	35	51	56	43	01	7	18	4	94	6	28	4	94	6	28	4	94	6	28	4	94						
1903	365	292	657	157	126	283	28	22	50	..	..	..	1,771	1,188	2,959	1,741	1,180	2,901	40	56	44	69	42	17	7	41	3	79	5	96	3	79	5	96	3	79	5	96	3	79						
1904	332	236	568	157	106	263	24	11	35	..	1	1	1,801	1,237	3,038	1,780	1,198	2,978	47	59	44	91	46	30	7	54	5	54	6	38	5	54	6	38	5	54	6	38	5	54						
1905	360	251	611	149	121	270	29	24	53	..	..	..	1,836	1,276	3,112	1,796	1,232	3,028	41	39	48	21	44	19	8	18	5	44	7	07	5	44	7	07	5	44	7	07	5	44						
1906	395	264	659	157	126	283	28	22	50	..	1	1	1,900	1,306	3,206	1,823	1,255	3,088	39	75	47	73	42	64	8	01	6	71	7	48	6	71	7	48	6	71	7	48	6	71						
1907	359	241	600	160	139	299	22	13	35	..	..	..	1,909	1,331	3,240	1,851	1,285	3,136	44	29	37	68	49	84	9	08	4	98	7	39	4	98	7	39	4	98	7	39	4	98						
1908	426	318	744	180	146	326	9	12	21	1	..	1	2,083	1,465	3,548	1,970	1,404	3,374	42	72	57	24	48	74	6	90	5	50	6	85	5	50	6	85	5	50	6	85	5	50						
1909	419	297	716	179	170	349	17	11	28	1	..	1	2,083	1,465	3,548	1,970	1,404	3,374	42	72	57	24	48	74	6	90	5	50	6	85	5	50	6	85	5											

1917	470	374	844	171	152	323	32	20	52	6	5	11	205	113	318	2,611	1,904	4,515	2,543	1,825	4,368	36-38	40-64	38-27	8-06	6-19	7-28
1918	437	402	839	142	141	283	17	36	53	12	12	24	274	174	448	2,603	1,943	4,546	2,602	1,899	4,501	32-49	35-07	33-73	10-53	9-16	9-95
1919	512	371	883	190	147	337	37	44	81	9	13	22	212	130	342	2,667	1,980	4,647	2,620	1,907	4,527	37-11	39-62	38-17	8-09	6-82	7-55
1920	455	418	873	162	148	310	27	37	64	6	10	16	210	166	376	2,717	2,037	4,754	2,674	1,980	4,654	35-63	35-32	35-51	7-85	8-40	8-08
1921	479	402	881	178	193	371	30	21	51	15	9	24	201	117	318	2,772	2,099	4,871	2,723	2,031	4,754	37-23	47-88	42-11	7-38	5-76	6-69
1922	453	386	839	156	157	313	32	20	52	10	8	18	211	184	395	2,816	2,116	4,932	2,747	2,062	4,809	34-44	40-67	37-31	7-67	8-92	8-21
1923	442	366	808	168	151	319	42	38	80	15	5	20	194	131	325	2,839	2,157	4,996	2,789	2,079	4,868	33-00	41-25	39-48	6-95	6-30	6-67
1924	446	377	823	152	128	280	30	42	72	9	11	20	221	95	316	2,873	2,258	5,131	2,808	2,146	4,953	34-08	33-95	34-02	7-87	4-42	6-37
1925	445	430	875	144	175	319	29	37	66	23	17	40	201	123	324	2,921	2,336	5,257	2,830	2,203	5,033	32-36	40-69	36-45	7-45	5-57	6-43
1926	508	439	947	136	145	281	27	35	62	15	25	40	207	147	354	3,044	2,423	5,467	2,923	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	5,379	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	3,213	2,495	5,710	26-41	35-37	30-23	7-05	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	5,952	22-22	27-00	24-29	7-51	6-64	7-15
1931	557	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	478	504	983	114	146	260	64	72	136	..	..	..	233	203	436	4,133	3,300	7,433	3,893	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	537	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	389	140	135	275	..	..	..	273	274	547	4,296	3,501	7,797	4,129	3,287	7,416	32-26	36-52	34-48	6-61	8-53	7-38
	24,128	18,585	42,713	8,469	7,446	15,915	539	2,272	4,811	..	..	..	9,306	5,619	14,925	..	..	..	..	..	..	..	..	..	..	..	..

Excluding transfers between institutions--2,725 males, 2,164 females.

TABLE IX.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS FROM 1ST JANUARY, 1876, TO 31ST DECEMBER, 1938 (EXCLUDING TRANSFERS).

In hospitals, 31st December, 1875	..	..	..	..	M.	482	F.	254	T.	736
Admissions	..	..	..	..	..	24,128	18,585	42,713		
						24,610	18,839	43,449		
Discharged—					M.	F.	T.			
Recovered	..	..	..	..	8,469	7,446	15,915			
Not recovered	..	..	..	..	2,539	2,272	4,811			
Died	..	..	..	..	9,306	5,620	14,926			
						20,314	15,338	35,652		
Remaining on 31st December, 1938..	..	..	..	..	4,296	3,501	7,797			

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

						Males.	Females.	Both Sexes.
Recovered	..	..	..	..	..	34·41	39·53	36·63
Not recovered	..	..	..	..	..	10·32	12·06	11·07
Died	..	..	..	..	..	37·81	29·83	34·35
Remaining	..	..	..	..	..	17·46	18·58	17·95
						100·00	100·00	100·00

TABLE XI.—DEBITS FOR THE FINANCIAL YEAR, 1938-39.

TABLE XI.—DEBITS FOR THE FINANCIAL YEAR, 1950-51.																														
	Auckland.			Kingseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Head Office.			Totals.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Salaries, including overtime ..	59,628	12	6	21,453	12	6	37,454	6	9	74,966	3	0	37,672	9	5	25,256	7	7	71,085	18	5	71,615	14	2	9,928	4	0	409,061	8	4
Official Visitors ..	48	6	0	..	..	..	..	..	..	22	18	4	..	..	..	4	4	0	25	4	0	..	..	..	..	..	100	12	4	
Advertising, books, &c. ..	26	10	5	23	19	11	30	1	7	49	17	8	6	7	2	23	7	5	11	4	11	48	5	5	100	18	5	320	12	11
Bacteriological research ..	168	6	0	..	..	..	..	..	..	126	1	6	..	..	..	1	1	0	1	18	1	..	..	..	..	..	297	6	7	
Bedding and clothing ..	5,094	12	11	1,971	17	5	2,530	6	1	6,689	1	6	3,119	5	6	2,326	10	9	5,650	18	10	4,041	8	11	..	..	31,424	1	11	
Buildings, including additions, &c. ..	759	1	10	18	3	8	430	15	7	735	13	6	175	3	10	245	17	0	1,242	19	9	891	4	9	..	..	4,498	19	11	
Dental services ..	9	15	5	4	14	6	6	4	8	2	7	3	12	17	0	6	7	7	20	3	7	14	8	3	..	..	76	18	3	
Farms, maintenance of ..	1,081	2	0	821	6	0	2,906	6	7	2,051	16	3	1,156	8	3	323	2	11	1,603	6	4	6,894	0	7	..	..	16,837	8	11	
Fencing, draining, and roading ..	4	9	8	135	18	8	177	10	6	30	8	6	66	5	4	17	8	2	111	9	1	158	15	6	..	..	702	5	5	
Freight, cartage, and transport ..	78	4	2	158	1	4	252	0	1	333	11	7	273	4	1	36	13	10	366	0	9	384	14	0	0	3	1,882	13	2	
Fuel, light, water, &c. ..	7,348	18	0	2,587	1	5	4,367	19	11	7,603	7	3	5,036	15	4	2,143	2	8	7,151	16	3	5,955	6	6	48	18	1	42,243	5	5
Funeral expenses ..	67	10	0	56	0	0	88	0	0	157	2	6	186	0	0	29	10	0	65	0	0	121	10	0	..	..	770	12	6	
Furniture and fittings ..	349	2	5	232	4	1	325	13	4	1,292	11	3	202	0	7	361	10	3	786	2	9	729	3	11	5	10	4,283	19	5	
Gardens and shrubberies ..	57	17	11	56	15	9	69	17	5	84	5	3	80	12	7	31	7	0	153	18	1	35	18	3	..	..	570	12	3	
Laundry ..	249	4	1	251	16	11	191	0	2	474	13	7	126	17	11	45	14	0	521	9	3	449	4	7	..	..	2,310	0	6	
Legal and inquiry costs ..	2	7	0	..	..	..	..	..	..	2	11	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	18	6	
Machinery, repairs, and stores ..	103	15	4	14	15	10	161	16	2	195	17	7	76	3	0	28	9	4	702	0	5	128	7	2	..	..	1,411	4	10	
Medical fees ..	641	14	7	7	7	0	143	17	0	667	18	0	68	14	6	63	0	0	516	18	6	323	14	6	..	..	2,433	4	1	
Motor-vehicles—	22	8	0	56	4	6	196	11	6	120	7	7	82	0	9	11	13	9	250	17	7	233	14	4	..	..	973	18	0	
Maintenance of ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	912	17	5	
Purchase of ..	452	16	6	123	6	8	320	6	6	436	3	10	129	6	3	191	9	10	306	8	6	606	8	11	..	..	2,554	16	9	
Nursing staff uniforms ..	6	0	10	7	10	6	..	..	..	0	9	10	..	..	..	0	2	7	619	3	2	288	4	0	..	..	6	18	7	
Office equipment ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Patients' expenses connected with—	15	10	0	..	..	..	3	0	0	72	11	2	119	9	7	19	17	0	..	..	..	29	12	9	..	..	260	0	6	
Gratuities ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50	0	0	
Friends ..	803	7	8	337	5	6	477	10	2	1,423	11	4	504	10	0	330	1	0	936	2	2	926	8	3	..	..	5,738	16	1	
Recreation ..	20	0	7	1	5	8	..	..	..	84	19	0	2	15	0	1	3	9	15	5	1	30	8	9	..	..	155	17	10	
Travellers ..	83	12	9	45	7	6	59	8	8	130	7	11	47	2	10	24	15	0	119	2	9	129	0	11	193	5	1	832	3	5
Postages, telegrams, &c. ..	245	14	0	106	18	6	116	9	10	320	9	8	157	9	10	111	13	8	216	5	6	177	10	4	92	18	5	1,545	9	9
Printing and Stationery ..	14,948	19	11	8,596	14	7	6,606	11	3	20,463	9	3	9,295	2	0	6,584	11	1	16,554	5	7	10,238	10	0	..	..	93,288	3	8	
Rations ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,186	0	2	
Rents and rates ..	720	18	11	328	18	7	556	15	1	1,558	6	11	478	5	7	397	12	10	1,147	17	10	915	13	6	648	13	4	6,104	9	3
Stores ..	517	5	1	202	2	4	122	17	3	521	7	11	261	1	9	227	7	5	512	7	2	551	3	4	..	..	2,915	12	3	
Surgery and dispensary, drugs, &c. ..	56	7	5	143	16	7	107	12	7	160	13	5	58	4	5	32	4	6	117	7	1	198	9	6	116	17	3	991	12	9
Telephone services ..	8	9	5	33	3	6	4	15	0	45	3	2	12	19	0	0	13	8	15	19	2	67	6	8	2	10	2	190	19	9
Transfer and removal expenses ..	164	7	1	85	6	6	79	15	9	50	1	0	66	0	7	32	15	2	49	4	4	229	9	9	233	17	2	990	17	4
Travelling-allowances ..	87	19	6	148	14	7	141	6	11	375	3	10	15	3	8	9	19	1	365	1	7	260	13	7	336	4	1	1,740	6	10
Travelling-expenses ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Treatment in general hospitals—	194	13	6	6	12	0	4	2	0	204	17	0	21	4	6	3	2	6	167	13	0	109	8	6	..	..	711	13	0	
Patients ..	34	0	0	..	..	..	..	..	..	5	4	6	19	4	0	..	..	..	9	10	6	..	..	..	..	..	67	19	0	
Staff ..	11	2	0	0	11	9	..	..	..	111	7	9	1	6	4	1	5	0	365	8	3	93	11	10	..	..	584	12	11	
Contingencies and miscellaneous ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Totals ..	94,113	3	5	38,017	14	3	57,932	18	4	121,565	1	1	59,538	3	2	38,924	1	4	112,315	4	3	106,932	0	4	11,714	18	9	641,053	4	11

TABLE XI.A.—CREDITS FOR THE FINANCIAL YEAR, 1938-39.

	Auckland.		Kingseat.		Tokanui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seacliff.		Head Office.		Total.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Receipts from maintenance ..	31,613	16 4	9,977	19 9	13,295	9 3	36,957	3 11	11,554	11 4	6,422	13 9	27,348	8 5	24,964	10 9	..	..	162,134	13 6
Receipts from farms ..	705	14 3	2,157	15 9	4,072	10 0	1,468	10 4	1,908	18 10	56	18 2	2,332	7 5	3,248	4 7	..	..	15,950	19 4
Miscellaneous ..	6,619	7 11	2,911	19 3	4,312	1 10	9,874	4 8	3,621	1 7	2,786	10 7	7,925	14 3	7,430	6 6	3 15	7	45,485	2 2
Totals ..	38,938	18 6	15,047	14 9	21,680	1 1	48,299	18 11	17,084	11 9	9,266	2 6	37,606	10 1	35,643	1 10	3 15	7	223,570	15 0

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.		Repayments for Maintenance.		Other Re-payments.		Net Cost per Patient.		Net Cost Previous Year.		Decrease in 1938-39.		Increase in 1938-39.	
		£	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 ..	1,278	46	13 2	3	19 9	0	11 11	0	16 11	5	15 0	11	13 11	0	8 1	3	14 1	73	12 10	24	14 9	5	14 8	43	3 5	42	15 4	..	..	0	8 1
Kingseat ..	581	36	18 6	3	7 11	0	0 7	1	8 3	4	9 1	14	15 11	0	6 11	4	1 6	65	8 8	17	3 6	8	14 6	39	10 8	33	0 7	..	..	6	10 1
Tokanui ..	651	57	10 8	3	17 9	0	13 3	4	9 4	6	14 2	10	3 0	0	3 9	5	7 11	88	19 10	20	8 6	12	17 7	55	13 9	53	14 10	..	..	1	18 11
Porirua ..	1,506	49	15 7	4	8 10	0	9 9	1	7 3	5	1 0	13	11 9	0	6 11	5	13 4	80	14 5	24	10 10	7	10 8	48	12 11	45	7 1	..	..	3	5 10
Nelson ..	792	47	11 4	3	18 9	0	4 5	1	9 3	6	7 2	11	14 9	0	6 7	3	11 3	75	3 6	14	11 9	6	19 8	53	12 1	48	1 11	..	..	5	10 2
Hokitika ..	452	55	17 6	5	2 11	0	10 11	0	14 4	4	14 10	14	11 4	0	10 1	4	0 5	86	2 4	14	4 2	6	5 10	65	12 4	63	6 9	..	..	2	5 7
Christchurch ..	1,320	53	17 1	4	5 7	0	18 10	1	4 4	5	8 4	12	10 10	0	7 9	6	9 0	85	1 9	20	14 4	7	14 5	56	13 0	52	18 2	..	..	3	14 10
Seacliff ..	1,117	64	2 3	3	12 4	0	15 11	6	3 5	5	6 8	9	3 4	0	9 10	6	0 9	95	14 8	22	7 0	9	11 2	63	16 6	61	4 3	..	..	2	12 3
Head Office ..	..	1	5 9	..	..	..	..	..	..	0	0 2	..	..	..	..	0	4 6	1	10 5	..	..	..	..	1	10 5	1	10 1	..	..	0	0 4
Total average cost ..	7,697	53	2 11	4	1 8	0	11 8	2	3 9	5	9 9	12	2 5	0	7 7	5	6 0	83	5 9	21	1 4	7	19 8	54	4 9	51	3 8	..	..	3	1 1

* NOTE.—Cost does not include interest and depreciation on land, buildings, &c.

TABLE XIII.—EXPENDITURE OUT OF PUBLIC WORKS FUND ON MENTAL HOSPITAL BUILDINGS, ETC., DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1939.

	Mental Hospitals.		Net Expenditure for Year ended 31st March, 1939.	
				£
Auckland	..	..	..	907
Christchurch	..	..	..	6,784
Hokitika	..	..	..	1,140
Nelson and Stoke	..	..	..	15,458
Porirua	..	..	..	23,948
Kingseat	..	..	..	71,149
Seacliff	..	..	..	2,527
Tokanui	..	..	..	6,903
Waitati	..	..	..	..
Total	..	..	..	128,816

TABLE XIV.—TOTAL EXPENDITURE OUT OF PUBLIC WORKS FUND FOR BUILDINGS AND EQUIPMENT AT EACH MENTAL HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1939.

Mental Hospitals.	1877-1929.	1929-30.	1930-31.	1931-32.	1932-33.	1933-34.	1934-35.	1935-36.	1936-37.	1937-38.	1938-39.	Total Net Expenditure 1st July, 1877, to 31st March, 1939.
Auckland	£ 224,391	£ 2,279	£ 3,372	£ 621	£ 676	£ 155	£ 2,321	£ 307	£ 842	£ 5,658	£ 907	£ 241,529
Christchurch	.. 232,052	35,291	23,993	4,650	7,960	3,481	23,489	12,397	23,970	16,397	6,784	390,464
Dunedin (The Camp)	.. 4,891	..	..	..	..	..	..	..	..	..	..	4,891
Hokitika	.. 46,050	3,064	14,764	8,381	3,107	8,753	5,629	2,739	7,580	2,097	1,140	103,304
Hornby	.. 11,102	..	..	..	..	..	..	..	..	..	..	11,102
Motuihi Island	.. 561	..	..	..	..	..	..	..	..	..	..	561
Napier	.. 147	..	..	..	..	..	..	..	..	..	..	147
Nelson and Stoke	.. 64,556	33,250	26,494	3,339	2,680	12,251	28,552	18,307	16,218	2,234	15,458	223,339
Puhitahi (Kingseat)		..	16,130	16,433	10,278	35,438	29,784	21,973	65,192	52,144	71,149	318,321
Seacliff	.. 252,187	34,609	8,914	3,065	414	6,618	4,888	1,453	2,958	570	2,527	318,203
Tokanui	.. 146,595	32,405	27,787	7,164	2,918	6,295	3,797	12,682	18,839	2,855	6,903	268,240
Waitati	.. 19,142	2,170	9,557	936	316	..	..	..	..	..	..	32,321
Wellington	.. 29,641	..	..	..	..	..	..	..	..	..	..	29,641
Wellington (Porirua)	.. 332,617	9,028	3,129	1,349	207	29	170	..	6,510	20,502	23,948	397,489
Totals	.. 1,363,932	152,096	134,140	45,938	28,756	73,020	98,630	69,858	142,109	102,457	128,816	2,339,752

Approximate Cost of Paper.—Preparation, not given; printing (610 copies) £35

By Authority: E. V. PAUL, Government Printer, Wellington.—1939.

