

1936.
NEW ZEALAND.

MENTAL HOSPITALS OF THE DOMINION

(REPORT ON) FOR 1935.

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, 1936.

I have the honour to present my annual report upon the work of the Department of Mental Hospitals for the year ending 31st December, 1935.

At the end of the year there were 8,046 persons upon the registers of the mental hospitals of the Dominion, including 40 patients and boarders at Ashburn Hall Private Licensed Institution and 716 patients and boarders who were out on probation in the care of relatives and friends.

In actual residence in Government institutions, there were 7,290 persons at the end of the year, an increase of 66 over the figure for the previous year, and of this number 6,975 were detained under a Magistrate's reception order, whilst 315 were under treatment as voluntary boarders at their own request.

The total number of first admissions, including voluntary boarders, was 1,128 as against 1,049 for last year, an increase of 79, and 253 former patients and boarders sought readmission.

We were able to discharge 647 patients and boarders during the year, or 46·85 per cent., calculated upon the admissions, but of these only 520 or 37·65 per cent. could be regarded as recovered, the remainder only being sufficiently well to live outside under some degree of supervision.

The deaths during the year totalled 435 or 6·11 per cent. of the average number resident.

In the result our mental hospital population increased to the extent of 232 inmates during the year.

STATE OF ACCOMMODATION.

For many years most of our hospitals have been overcrowded, in some instances seriously so, and attention has been frequently called to the shortage of accommodation, but no effective long-range building programme has ever been evolved to meet the inevitable increase in our population. We have had to do our best with the annual appropriations from the Public Works Fund, but even when these appropriations have appeared to be sufficient for immediate needs, it has been found most difficult to get the money spent within the financial year, owing to the time occupied in drawing plans, calling for and accepting tenders, &c.

The results of not building to meet our annual increase in numbers, are, of course, cumulative, and the position at the time of writing is that we have 935 patients in excess of proper accommodation.

The extent and distribution of the overcrowding is set out in the following tables (compiled in May, 1936):—

(A) Accommodation.

(B) Number of patients and boarders resident.

1—H. 7.

TABLE A.
Accommodation available.

Mental Hospital.	Male.	Female.	Total.	Deficiency.	Surplus.
Auckland	628	559	1,187	107	..
Kingseat	248	200	448	..	7
Tokanui	285	279	564	16	..
Porirua	710	574	1,284	319	..
Christchurch	604	492	1,096	266	..
Nelson	466	199	665	25	..
Hokitika	234	194	428	..	17
Seacliff	543	461	1,004	226	..
Totals	3,718	2,958	6,676	959	24

Net deficiency—935.

TABLE B.
Number of Patients and Boarders.

Mental Hospital.	Resident.		Total.	On Register.	On Probation.
	Male.	Female.			
Auckland	704	590	1,294	1,414	120
Kingseat	242	199	441	452	11
Tokanui	313	267	580	630	50
Porirua	896	707	1,603	1,700	97
Christchurch	703	659	1,362	1,502	140
Nelson	484	206	690	720	30
Hokitika	225	186	411	419	8
Seacliff	711	519	1,230	1,273	43
Totals	4,278	3,333	7,611	8,110	499

In addition to the 935 patients already surplus to our accommodation, we may anticipate an increase for the current year of about 250, so that there would normally be an excess of 1,185 patients at the end of next year.

To meet this, we have twelve villas being built at the various hospitals with a total accommodation for 600 men and women, so that the shortage will be reduced to 585 beds—a more favourable position than has existed for some years.

SURVEY OF THE REQUIREMENTS AT EACH HOSPITAL.

Auckland.—In 1925, following upon much public uneasiness in regard to conditions at Auckland, the Government of the day undertook to remove this institution within ten years, and to accommodate the patients in a new hospital to be erected near Papakura.

The present position is that the new institution—Kingseat—has already 441 patients, whilst at Auckland there are 1,294, or 132 more than in 1927, when the land at Kingseat was acquired.

I am quite definitely not in favour of vacating the Auckland institution, even if such a course were feasible. Since 1927, conditions at the institution have been greatly improved, and there is not now any public demand for its removal, nor, in my opinion, any justification for such a step. The facilities at Auckland for the treatment of recent and recoverable cases are excellent.

Kingseat (near Papakura).—This property was acquired in 1927, since when eight villas and farm buildings have been erected. Towards the end of last year, tenders were let for four additional villas, and by December next the population of Kingseat will be about 640 patients. The main store is in the course of erection, and we hope to begin the laundry, the hospital admission ward, and administration block at an early date. I estimate that two villas a year in addition to the gradual erection of administrative units and officers' houses will meet the needs of the Auckland Province for some years.

Tokanui.—Tokanui is, I think, a very badly planned institution so far as the main building is concerned, but there are three good female villas and one male, plus two in course of erection. The site of the main building was badly chosen, and there is little room for expansion in its neighbourhood, but I think that we should erect a hospital admission block and a number of villas at some distance from the present institution and dedicate them to recent and recoverable cases. The time is approaching when a good deal of reconstruction must take place at Tokanui to provide better laundry, entertainment, and administrative facilities. Overcrowding is not a serious problem at Tokanui.

Porirua.—It would be quite undesirable to erect more buildings at Porirua, where there are 1,603 patients, with shortage of accommodation for 186 males and 133 females.

The land at Porirua is generally of very poor quality, and we have difficulty even now in producing sufficient vegetables and milk for our needs. The time is long overdue when a new institution should be built somewhere in the Marton area to receive patients from the Taranaki and Hawke's Bay areas and the northern part of the Wellington Province, reserving Porirua as a metropolitan mental hospital.

It must be borne in mind that Porirua was built for a population of about 500, or less than a third of its present population, and that in addition to mere lack of bed space, we have to cope with bakehouse, laundry, stores, dining-halls, and kitchens which are quite insufficient for present-day requirements. I am glad to report that the plans for new stores, kitchen, and boiler-house are nearing completion, and that many administrative difficulties at Porirua will soon be of the past.

Christchurch.—Besides the main hospital at Christchurch we have two entirely detached institutions, Hornby Lodge (for recent and recoverable cases) about three miles from the city and Templeton Farm Colony about five miles distant.

Overcrowding does not affect these auxiliary institutions, but in the main institution there is a deficiency of accommodation equivalent to 266 patients. We have so far kept the numbers down by transferring patients to Hokitika, but the space there for further building is very limited, and another institution is needed in the South Island to take the growing surplus from Christchurch and Seacliff.

Seacliff.—Overcrowding at Seacliff has been accentuated by the fact that part of the institution was originally built upon moving ground, and the effect of the movement upon the female side—about 8 ft. in thirty-five years—has been so pronounced that one wing has had to be evacuated and is now being demolished. Another wing is involved and cannot much longer be used for patients. Our excess population is 226, of whom 168 are males and 58 females. We have until now had an outlet at Waitati Auxiliary—about seven miles distant, but possibilities in this direction are exhausted. Between Seacliff and Christchurch, we have overcrowding to the extent of 492 patients, or the equivalent of ten villas in a new modern mental hospital, which should be built in the Timaru-Oamaru area.

The most pressing need at Seacliff is an admission hospital, and plans have been prepared for additions and alterations to Clifton House, so as to adapt it for this purpose.

Hokitika.—This institution is not overcrowded and is never likely to be, as direct admissions from the West Coast are few in number. The institution has for many years been used to relieve the larger places, but it has almost reached its limit. There is room for three more villas to accommodate about 150 patients. A certain rearrangement of the administrative offices is necessary.

Nelson.—There are two institutions in Nelson—the old mental hospital in the city—which was built in 1874 of timber—and Ngawhatu, near Stoke, about five miles distant.

We acquired Ngawhatu from the Department of Education in 1923 in order to erect a villa mental hospital and to begin the separation of the mental patients proper from the congenitally defective children, who have since been housed in the old city building. Ngawhatu is a good villa hospital, but the classification could be vastly improved by the erection of two male "closed" villas for the accommodation of our worst cases, who are now housed in the main building, which is quite unsuited for this purpose. The main building could then be remodelled so as to provide entertainment-hall, stores, offices, and assistant medical officer's quarters. There is no great pressure on our space at Nelson.

Consideration must soon be given to the policy to be pursued in regard to the old institution in Nelson. The buildings are sixty-two years old and are almost beyond the stage of being further preserved. We must shortly decide to rebuild on the site or to go elsewhere.

ALTERATIONS, ADDITIONS, AND IMPROVEMENTS.

Capital expenditure on new buildings, additions, and improvements effected during the year amounted to £69,858 16s. and the following summary shows the principal items making up the total:—

Auckland (£307).

Improvements were made in the fire-fighting service and a new boiler was installed. A grant was made towards building the library.

Kingseat (£21,973).

Four new villas were completed and occupied during the year and a commencement has been made with four others. Two residences have been completed—one for a medical officer and one for a chief clerk.

A commencement was made with the building of the main store.

Road-making, sewerage construction, lighting, and drainage have all been carried forward.

Tokanui (£12,682).

One new villa has been completed and two others are in course of erection. A complete reorganization of the sewerage system has been carried out.

Ngawhatu (£18,307).

The new laundry and boiler-house were completed, and three new villas for females were erected.

Hokitika (£2,739).

Two new villas were completed and a commencement was made with the erection of another.

Christchurch (£12,397).

Two new villas were completed; a new kitchen was installed in the Reception House; and a new granary was built.

At Templeton Farm Colony, a new villa was completed for adult males and another one for juveniles; a tennis-court was constructed for the use of the staff; a new water-tower was erected to serve the needs of the adult section of the colony.

Seacliff (£1,453).

Additions were made to the Nurses' Home and to the boiler-house; a new shower-room was added to the male side; and a commencement was made with the demolition of an unsafe part of the main building.

CLINICS.

The clinics held by our medical officers at the general hospitals continue to do good work, and during the year we have tentatively extended the work to Palmerston North, at the request of the local medical men. This clinic will be held once a month in the meantime.

During the year, 305 new cases were seen at Auckland, 163 at Wellington, 134 at Dunedin, and 39 at Invercargill.

The Medical Superintendents of Seacliff and Porirua have been appointed to the honorary staffs of Dunedin and Wellington hospitals, respectively, to take charge of psychiatric cases, and I am satisfied that the co-operative and progressive spirit thus shown by the Boards concerned will be of great assistance to the clinics in carrying out their function in giving assistance to early and recoverable cases. I trust that the Auckland and Canterbury Boards will soon come into line.

MEDICAL SUPERINTENDENTS' CONFERENCE.

After an interval of some years, a conference of medical superintendents took place recently in Wellington, and your attendance and encouraging address were greatly appreciated by all present. Whilst the agenda paper contained many matters of great interest which stimulated full, frank, and most helpful discussions, I can refer here to only two of them:—

Staff Working Hours.

It was agreed that the hours worked by our nurses and attendants are too long, and that some scheme be devised which would give more time for staff relaxation and at the same time, if possible, gain advantages for the patients committed to our care.

With your concurrence one of our head attendants is co-operating with the Secretary of the Public Service Association to formulate a plan acceptable to every one concerned. The matter is rather complex, involving as it does the matter of increased accommodation for the extra staff required; but as there is an entire agreement as to principles, I hope in the near future to be in a position to submit concrete proposals.

Supervision of Cooking and Distribution of Food.

I am satisfied beyond any doubt as to the excellent quality and the sufficient quantity of the meals provided in our mental hospitals, but that there is room for improvement in the general supervision of the kitchen and the distribution of the food was the opinion held by all the superintendents.

This distribution is relatively a simple matter in the new villa hospitals, where we are doing away with central kitchens and cooking and dining small numbers in the villas as in a private house, but in the larger institutions serving over a thousand patients and staff, the supervision of the kitchen and distribution of meals is a task which can no longer be regarded as one of the matron's subsidiary duties. This is a full-time occupation, which could only be done efficiently by a highly trained competent woman, who should receive a good salary.

APPRECIATION.

In conclusion, I desire to acknowledge the unfailing loyalty and generous support which I have received at all times from my colleague, Dr. John Russell, the medical superintendents, and the other officers of the service.

To Mr. Sinclair, Chief Clerk, and the head office staff I return my thanks for good work carried out during the year.

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

MEDICAL SUPERINTENDENTS' REPORTS.

AUCKLAND MENTAL HOSPITAL.

DR. BUCHANAN reports :—

I have the honour to present my annual report for the year ended 31st December, 1935.

The total number of cases under care during the year was 1,576, with a weekly average of 1,170. The admissions numbered 303 (145 males, 158 females). Of this number, 223 were admitted for the first time. Under section 8 of the Mental Defectives Amendment Act, 165 patients were admitted.

Ninety-four voluntary boarders were admitted during the year, making a total of 212 under care, and of these 82 were discharged.

At the end of the year 186 patients were on probation, 140 on full parole, and 198 on limited parole.

Generally the health of the patients has been good throughout the year. Deaths totalled 110 (54 males, 56 females).

The hospital was honoured by the visit of His Excellency the Governor-General on the 8th July.

I left Auckland in April to take up six months' temporary duty at Porirua. Dr. B. D. Hart took my place as Superintendent during this period.

The actual constructive work carried out has been small; most of our energies have been directed towards maintenance.

The new hot-water supply and additional boiler-capacity were completed and now give satisfaction.

A library has been built on to the bowling-green pavilion, and promises to be a bright and interesting centre for parole patients.

Extra covered cow-bails were built on to the byres, and provided much desired shelter during inclement weather.

On the male side the increasing number of recent cases and convalescents is taxing our accommodation to the utmost. The admission ward, Wolfe Home, and hospital wards are generally full. The admission of new patients frequently requires a lot of juggling among these wards in an endeavour to prevent long-period recoverable cases (such as mild melancholia, of whom we have many) being sent into main building wards. Unfortunately, we cannot always prevent this. Existing main building wards are not altogether suitable for such patients. I hope to put forward concrete proposals to you for an additional observation ward.

It is a difficult question to solve without entailing new building, but it may be possible to transform a part of the auxiliary building into such a ward. This will necessitate increased staff, which, I think, under the circumstances would be justifiable.

A separate institution for children now seems indicated. As you are aware, many parents living around and in Auckland are averse to sending their children to Nelson or Templeton. We have, in consequence, a growing number of defective children in our several wards who would be better segregated. Such a ward may be made available when the next lot of female patients is transferred to the new villas at Kingseat, now under construction.

Criminal inmates and dangerous patients are yet another problem, and I hope that your recommendation for the separation of these cases will bear fruit.

The Psychiatric Clinic remains a very active centre. The relative figures are :—

	Tuesdays.	Thursdays. (Dr. Short.)	Total.
(1) Number of separate persons seen ..	M. 235 F. 36	56 36	291 72
	271	92	363
(2) Number of—			
(a) First visits	.. 234	71	305
(b) Subsequent consultations ..	.. 676	653	1,329
	910	724	1,634
(3) Sources of reference :—	Tuesdays.	Thursdays.	
Pensions Department	.. 191	12	203
Medical practitioners	.. 52	61	113
Voluntary calls.. .. .	.. 9	19	28
Prisons Department	.. 16	..	16
Psychological Clinic	.. 2	..	2
Porirua Mental Hospital	.. 1	..	1
	271	92	363

(4) of the 363 persons who attended the clinic, 13 became voluntary boarders and 10 were committed to the Mental Hospital.

Of the 13 voluntary boarders, 2 were discharged "recovered," 7 "relieved," and 1 died.

Of the 10 committed cases, 1 was discharged on probation.

Monthly visits were paid to the Inebriates' Homes on Rotorua and Pakatoa Islands.

The annual picnic, unfortunately, had to be cancelled owing to stormy weather. In its place a special entertainment was held in the institution, which all seemed to enjoy thoroughly.

The Official Visitors paid many visits, and took a live interest in the patients' condition and welfare.

The Mental Hospital Branch of the Auckland Hospital Auxiliary has been active throughout the year. A library has now been established, for which my thanks are due chiefly to the ladies of the branch and to Mr. Hooker, who maintains his interest in the supply of reading-matter for the patients.

Many varied entertainments for patients were held during the year, and I wish to thank all concerned for their kind assistance.

Mr. Sinclair, our head clerk, left us in April in order to take up duties as Chief Clerk at Head Office. All our best wishes go to him in his promotion.

I desire to express my appreciation for the great help tendered to me by medical officers, the matron, the clerk, the head attendant, and all the staff.

KINGSEAT MENTAL HOSPITAL.

Dr. BUCHANAN reports :—

I have the honour to submit my annual report for the year ended 31st December, 1935.

The total number of cases under care during the year was 470 (260 males, 210 females), with a weekly average of 397.

Three voluntary boarders were admitted during the year.

At the end of the year 13 patients (8 males, 5 females) were on probation, and 5 patients (2 males, 3 females) were finally discharged.

Deaths totalled 6 (4 males, 2 females).

This year, like the preceding years, has been one of continuous activity. Not only has there been Public Works construction carried out, but steady work has gone on in laying out and improving the grounds.

Villas 11 and 14 were completed and occupied in April, and at the end of the year excavations had been commenced for the construction of four additional buildings. Two residences are well on the way to completion and should be ready for use at the end of January, 1936.

Additional tennis-courts were built, and are used by both the patients and the staff.

A canteen has been erected, and proved itself to be a convenient and useful adjunct.

Electric street lighting was installed, thus facilitating the work of the night staff.

The old farm cottage, which has been used as quarters for patients, was renovated and made suitable for the accommodation of the Farm Overseer.

The careful and painstaking work put into the design and building of the main drive has well justified the time and trouble expended on it. It looks spacious and dignified, and will be a fit setting for the new mental hospital.

There is still much planting to be done, and though we are raising much stock in the nurseries, I am asking for a grant to enable us to purchase special decorative shelter trees, &c.

The time, I think, has come for the engagement of an all-time orchardist and gardener. The orchard consists of five hundred trees which are coming rapidly into profit. Skilled and constant attention is becoming necessary if we are to reap full benefit from these.

Another necessary appointment now, is that of an artisan, capable of attending to the many requirements of maintenance, &c. With the increasing size of the institution there is enough work to keep him fully occupied.

The patients on the whole are happy and contented. They can be fully occupied by constructive work in the grounds, gardening, laundry, and sewing. Their amusements have not been neglected—football, tennis, and cricket being provided for them.

I am most grateful to the following people, who have done much for the entertainment of the patients :—

Miss McArthur, of Pukekohe, who generously provided greatly appreciated concerts.

The Pukekohe Municipal Band for their delightful recitals.

The Divisions of the Women Farmers' Union of Waiuku and Pukeoware for their most acceptable Christmas gifts.

The Auckland Hospital Auxiliary for regular donations for the benefit of the patients.

The several local branches of the Returned Soldiers' Association for looking after ex-soldier patients.

Finally, I wish to thank the matron, head attendant, and all the staff for their very helpful and encouraging services.

TOKANUI MENTAL HOSPITAL.

Dr. PRINS reports :—

I have the honour to submit my annual report for the year ending 31st December, 1935.

The total number of cases under care has been 684, with a weekly average of 574. Admissions were 78 (male 44, female 34), 65 of these (male 39, female 26) being admitted for the first time.

The general health of the hospital has been good, except for an outbreak of influenza in August, when a large number of patients and staff were ill for a few days.

Deaths numbered 32 (males 18, females 14), senile decay being the principal cause. Forty cases were discharged, 29 (male 12 and female 17) being recovered, 6 taken out by relatives, and 5 were transferred.

Voluntary boarders under treatment numbered 14 men and 6 women, 7 being new admissions. Six men were discharged recovered.

No major works have been completed during the year. At present the sewerage system is being renewed, a digester built, and parts of the water-main from Te Awamutu are being replaced. A new refrigerating plant has been installed, and two new villas are in course of construction.

The painting gang has been at work throughout the year.

The usual recreations—tennis, bowls, cricket, swimming, &c.—have been carried on, and for the second year in succession the hospital team won the district championship at table tennis.

The weekly talking-picture entertainment is much appreciated.

The Te Awamutu Band have given several enjoyable recitals and Mr. Findlay, Official Visitor, has brought several excellent concert parties.

The various church services have been regularly held.

One attendant and five nurses passed the senior examination.

In conclusion I have to express my thanks to all the staff for their co-operation and help during the year.

PORIRUA MENTAL HOSPITAL.

Dr. HART reports :—

I have the honour to submit my annual report for the year ending 31st December, 1935.

The total number of persons under care during the year was 2,054, of whom 1,827 were committed patients, 215 voluntary boarders, and 12 were remanded for observation. Admissions number 389—295 under certification and 94 as voluntary boarders.

During the year 79 voluntary boarders and 84 patients under certification were discharged, and an additional 88 patients following treatment were sufficiently improved to go on probation to the care of relatives or friends.

Deaths number 107, and 86 patients were transferred to other hospitals.

The Psychiatric Clinic at the Wellington Public Hospital continues to function satisfactorily. Consultations and attendances for treatment numbered 694, and of these 163 were new cases.

As additional equipment a vibrator was purchased for the physio-therapy department at Rautā. As an adjunct to psycho-therapy this unit with its trained staff and equipment provides for massage, light therapy, radiant heat, exercises and organized recreations, and has been of very material help in the treatment of recent and recoverable cases. Porirua has the largest resident population of our hospitals, and one feels that the stage has now been reached when the erection and equipment of a modern laboratory and the addition of a trained pathologist to the medical staff can be considered as a necessary and justifiable expenditure. This hospital, being centrally situated, as well as carrying out our own X-ray, bacteriological and pathological examinations, a considerable proportion of the laboratory work for the other mental hospitals in New Zealand could conveniently be undertaken. This unit would provide opportunities for research, greatly assist in investigation of that ever-important relationship between mental and physical disorders, and place this hospital on an equal footing with the more modern and advanced psychiatric hospitals of overseas.

Patient accommodation during the year was somewhat relieved by the transfer of 65 patients to the new villas at Kingseat, but the accommodation is still overtaxed to the extent of 185 men and 124 women. The office and store accommodation has for some time been very unsatisfactory. Plans have been prepared for a reorganization of the administration block and the erection of a new store. When completed the new facilities should allow for an efficient administration of this section of the hospital. The kitchen in the main building has to cook for approximately one thousand persons, and one of the more urgent needs is a new or an enlarged kitchen with the addition of modern appliances to cope efficiently with this task. The steam-boilers at the main building will have to be replaced within a year if the cooking, laundry, and central-heating facilities are to be maintained at a reasonable level of efficiency.

No major structural changes to buildings have been undertaken during the year, but the artisan staff have been constantly employed at maintenance work and at minor alterations and improvements to existing buildings. Some of the latter were alterations to the hot-water service in M. 8, extension of urinals in M. 7, renewal of slates, roofs (main building), renovations of six staff cottages and renovations to roofs of five villas.

The farm returns for the year were satisfactory, but the absence of sufficient land for herd grazing makes it impossible for the farm to supply the hospital the whole year round with milk. Additional acreage has been set aside for vegetable growing. The water catchment area was fenced and some 12,000 trees were planted in the high country.

Patients' recreation has been well provided for in the way of golf, tennis, concerts, fortnightly dances, and weekly cinema. I am indebted to many people and certain societies for their contribution of books and magazines to the library, donations of money and goods to the Christmas Fund. The Rev. Mr. Harding continues to visit frequently, and his enthusiasm and untiring efforts in arranging concerts, picnics, and the donation of wireless sets are much appreciated by all.

The official visitors have visited frequently during the year.

In conclusion I must thank all the staff for their assistance in the work of the hospital.

NELSON MENTAL HOSPITAL.

Dr. WILLIAMS reports :—

I have the honour to present my annual report for the year ending 31st December, 1935.

The total number of persons under care during the year was 792, of whom 33 were voluntary boarders.

Sixty-nine patients were admitted, 16 were discharged, 21 were transferred to other institutions, whilst 29 died. Twenty patients were admitted under section 8 of the 1928 Amendment Act.

The health of the patients generally was satisfactory, though there was the usual fairly large amount of sickness amongst the children during the winter and spring months. No serious accidents occurred.

The number of deaths (29) was larger than that of the previous year, but it is to be noted that 11 of these were due purely to senile causes.

During the past year, the construction of two new female villas was commenced, and this work is nearing completion. The contract has been let for a sixth female villa. The laundry and power-house have been completed, and have been in full working order for the latter half of the year. The laundry is proving most efficient, and the amount of work done and the quality of this is infinitely better than under the conditions obtaining with the old laundry. The power-house, which is in operation for the full twenty-four hours daily, and provides the power for laundry and generates all the electricity required for Ngawhatu, is proving also most efficient and the quality of the light is very much better than that supplied previously. There are ample reserves of power and electricity for any future contingencies.

A good deal of roading work has been carried out and is continuing, as is the case with the laying-out of the grounds in Yorks Valley.

The painting party has been very busy, and much work has been done in the wards generally, more particularly at Nelson, and with pleasing results. The sun-porch in male ward at Nelson has been glassed in.

A tentative plan of building at Ngawhatu for the coming year has been proposed and should this be carried out as outlined the conditions then obtaining should challenge favourable comparison with those at any mental hospital. The erection, in addition, of another villa for male workers is the only further necessity I can suggest at Ngawhatu.

Anti-fly measures have been carried out with some considerable measure of success. The usual activities have proceeded on the farm, vegetable gardens, and orchards, and returns generally have been considerably improved. An experimental tobacco-crop has been planted, but it is somewhat early to prognose results. The white butterfly has made its appearance, but arrangements have been made to secure parasites to combat this pest.

The patients have been reasonably well catered for in the matter of recreation and amusements generally, and it is situation and difficulty of transport only which limit activities at all in this direction. The installation of a talking-machine at Ngawhatu would undoubtedly entertain many more than is at present possible, and in addition a very considerable saving would be made in cost of transport and admittance fees.

My thanks are due to many individuals, business firms, and societies in Nelson for their continued support and interest, and for donations of money and goods for recreation purposes.

Miss Cooksey and her party have been particularly good, and the Sunshine Fund organized by Mrs. Scantlebury for the provision of picnics for the children has been even more than usually successful this year.

To the Official Visitors, to the visiting Ministers of Religion, and to the staff generally, for their co-operation and assistance during the year, I also wish to express my thanks.

HOKITIKA MENTAL HOSPITAL.

Dr. CHILDS reports :—

I have the honour to present my annual report for the year ended 31st December, 1935.

At the beginning of the year the patients on the register numbered 427. The admissions proper for the year were 28, while 8 male patients were received on transfer. The discharges numbered 15, transfers to other hospitals 6, and deaths 24. The total number under treatment during the year was 463, the number remaining on the register at the end of the year being 418.

There were 4 voluntary boarders on the register at the beginning of the year, and during the year 5 were admitted and 3 discharged.

Except for two epidemics of influenza, one rather severe, the health of most of the patients has been good, the majority of the deaths being due to senility.

A modern residence has been erected for the head attendant.

A new morgue and a new tool-shed have been built, and the old morgue dismantled, while a new villa for female patients is in the course of construction.

The usual routine of farming operations have been carried out; fourteen acres of land have been cleared and left fallow, and main drains cut so that future land can be taken in. Ten acres of last year's fallow land have been grassed, while the grounds around Porere have been drained, levelled, and lawns laid down. The vegetable-garden has also been increased considerably.

The painting gang has been continuously employed throughout the year, and the usual maintenance work carried on.

A monthly clinic has been held at Greymouth, and visits have been paid to the Westland Hospital.

The usual games and recreations have been carried on, and again the Hokitika Municipal Band has made many visits, playing at most of the dances.

Thanks are also due to others who have visited the hospital to entertain the patients, and to those who made gifts at Christmas time.

The clergy have made frequent visits during the year, and I would also thank the Official Visitors for their support.

I desire to thank the staff for their assistance during the year.

CHRISTCHURCH MENTAL HOSPITAL.

Dr. McKILLOP reports :—

I have the honour to forward my report for the year ending 31st December, 1935.

On the 1st January, 1935, there were 1,310 patients on the register. During the year, 244 patients were admitted, 69 were discharged, and 17 were transferred to other institutions. At the end of the year, 1,411 patients were on the register, inclusive of 95 males and 102 females who were absent on probation, and 3 males and 1 female on escape. The number of voluntary boarders who received treatment was 107 of whom 43 were discharged, 3 were committed, and 2 died; 59 remaining for further treatment.

The general health of the patients has been very good. There were 57 deaths, more than half being the result of old age. It is interesting to note that there were only two deaths from general paralysis, which has been responsible in the past for a considerably higher percentage. The progressive decrease in the death-rate from this disease can be considered due to two reasons (*a*) the advance in treatment of the disease itself, and (*b*) the regulations now in force for the treatment of the causal agent.

The increase in the number of admissions is more apparent than real, and is due to the opening of new villas at Jenkins's Farm and at Templeton. The provision of the villa at Jenkins's has enabled us to transfer many young men there, and the villa is fully occupied. The inmates do very useful work on the farm and in the gardens. Workshops are in the course of erection, and when completed will afford opportunity for training lads in congenial trades. Contracts have been let for two further villas there, and boys on reaching adolescence will be transferred from Templeton Farm School—the adjoining property.

I cannot speak too highly of the work of Miss Findlay, Matron, at Templeton and Jenkins's, and of the staff under her control.

At Sunnyside, the new kitchen at the Reception House has been completed: work is about to be commenced to ensure a satisfactory water-supply, and provision has been made to build a new bathhouse. General maintenance work has been carried out by the artisan staff, and several wards have been renovated.

We have had a very good year on the farm, and prospects for the present harvest are much above the average.

The patients' recreation has been carried out on the usual lines. Many concert parties have visited the institution, and I have to thank them and the companies who have supplied picture programmes throughout the year.

Mr. Aeland, District Inspector, and the Official Visitors—Mrs. Williams and Mr. Hanna—have visited the institution at frequent intervals and have taken their usual keen interest in the welfare of the patients.

I have to thank Drs. Lewis, Bellringer, and Couston for the great help they have given me. Mr. Thomas and the office staff, the matrons, head attendants, and other heads of departments have given very efficient service, and I thank them and the staff as a whole for the manner in which the work of the hospital has been carried out.

SEACLIFF MENTAL HOSPITAL.

Dr. HAYES reports :—

I have the honour to present my annual report for the year ended 31st December, 1935.

The total number of patients under care during the year was 1,352 (760 male, 592 female). Of these 112 were first admissions, 19 readmissions, and 3 transfers, the admission totalling 134 (76 male, 58 female).

Discharges were 50 (31 male, 19 female), of which 24 were "recovered" and 9 were transfers.

There were 66 deaths (32 male, 34 female), the principal assigned cause of death being senile decay.

Voluntary boarders under care numbered 84 (46 male, 38 female) of whom 43 (24 male, 19 female) were admitted during the year. The number of voluntary boarders discharged was 42 (22 male, 20 female), of whom 20 were "recovered." There were 4 voluntary boarders committed, and 7 died.

At the beginning of the year there were 1,218 patients and 41 boarders, and at the end 1,236 patients and 31 boarders.

Overcrowding, despite the reduction of 11 in the resident population, is still evident to the extent of 197 (138 males, and 59 females).

A new wing has been added to the Nurses' Home providing accommodation for 21 nurses and dining accommodation for junior and charge nurses. Various maintenance works have been attended to, and new coal and coke bunkers provided for Seacliff and Waitati respectively. At the end of the year a new shower bathroom for the male side was started, and it will be a welcome and needed

addition to the bathing facilities. Alterations to the hot-water service and dormitory accommodation of the female cottage were in progress, now enabling this unit to deal more effectively with new admissions.

The Dunedin Clinic continues bi-weekly, and about the same number of new cases were seen this year as last. The details are :—

Source : Wards, 81 ; practitioners, 30 ; spontaneous, 7 ; otherwise, 16 : Total, 134.

Disposal : Committed, 27 ; voluntary boarders, 15 ; treated and discharged, 39 ; referred to other hospitals or institutions, 5 ; report or opinion supplied, 28 ; advice not followed, 11 ; under treatment at end of year, 9 : Total, 134.

Classification : G.P.I. and cerebral syphilis, 6 ; organic dementias, 8 ; other organic mental disorders, 16 ; adolescent instability, 2 ; hysteria, 22 ; schizophrenia, 18 ; paranoid states, 4 ; anxiety states, 16 ; manic depressive insanity, 7 ; reactive depression, 7 ; involutional melancholia, 6 ; congenital mental defect, 11 ; other conditions, 11 : Total, 134.

These figures are for new cases only.

The Invercargill Clinic has been conducted by Dr. Brown, who submits the following figures : New cases numbered 39, of whom 7 were recommended by practitioners, and 4 were from the Riverton Hospital, the remainder being seen in Southland Hospital. Of these 39 cases, 6 were committed, and 1 admitted as a voluntary boarder. There were four cases under treatment at the end of the year. A number of cases on probation in the Southland district also were glad to attend the clinic during their period of trial.

While the clinics perform useful functions in treating the neurotics and inducing mild psychotics to seek mental-hospital treatment early, there is a definite difficulty in treating these cases at Seacliff. I refer to the insufficient suitable accommodation for recoverable male admissions. Clifton House with 13 beds caters for perhaps half of such cases, but it could be enlarged to accommodate twice that number, as well as a number of convalescents. Such a proposal is contemplated for next year.

Another difficulty is the number of dangerous male criminal cases of all types. It is inevitable in these circumstances that the custodial aspect of the nursing duties receives undue emphasis. When your proposed separate institution for dangerous defectives removes such cases from this hospital, then considerable improvements in the treatment, particularly with regard to airing court conditions, could be effected.

Concerts have been given to the patients by the Justices of the Peace, Royal Male Choir, and other bodies, to whom we are deeply indebted. I have also to thank the visiting clergy for their interest in the institution, and also the Official Visitor, Mr. Loudon.

Mr. Cummings, the the Patient's Friend, has visited the hospital during the year, and his long association with both staff and patients is reflected in the appreciation of his visits. The Patients' and Prisoners' Aid Society, whose activities form a very useful link between hospital and community, has performed much useful work for us, including assisting patients when discharged, arranging probations, and also in providing entertainment for the hospital generally. The Society's Agent and Chaplain, Mr. A. Steven, pays a weekly visit and also conducts religious services as well. I must express our thanks, both patients' and staff, to this society for the services rendered through its chaplain.

I have to thank my colleagues for their loyal co-operation during the year. In February Dr. Hay was transferred from Auckland, and so terminated a period of short staffing during which Dr. Brown and Dr. Bowell carried out many extra duties willingly.

In conclusion, I wish to thank the matrons, head attendants, the various executive officers, and the staff generally, for their work and loyal support during the year.

STATISTICAL.

The patients on the register at the end of the year numbered 7,687 (m. 4,282, f. 3,405), or 254 (m. 149, f. 105) more than at the beginning ; and the daily average under treatment during the year was 7,114 (m. 4,003, f. 3,111), or 176 (m. 104, f. 72) more than in the previous year ; while the total under care was 8,502. Patients belonging to the Native race numbered 118 (m. 75, f. 43) at the end of the year.

The admissions numbered 1,069 (m. 567, f. 502), or 86 more than in the previous year. Of these 158 had been previously under care, making the proportion of readmissions 14·78 per cent., and 911 patients were admitted for the first time.

The ratio to population of all admissions (exclusive of Maoris) was 7·07 (m. 7·34, f. 6·79) to 10,000, and of first admissions 6·03 (m. 6·48, f. 5·55), so that 1,413 persons in the general population contributed one patient, and 1,660 contributed a patient admitted for the first time.

The discharges (excluding transfers) numbered 380, or 16 less than in 1934. 127 (or 9 less) harmless unrecovered persons were returned to the care of friends ; and 253 (m. 117, f. 136) recovered—7 less than last year—representing a percentage of 23·67 (m. 20·63, f. 27·09) on the total admitted. With voluntary boarders added the percentage rises to 36·49. Altogether, 47 per cent. of the inmates admitted were able to leave institutional care.

Of a total of 8,502 patients under care, 435 (m. 229, f. 206) died, or 6·11 per cent. on the average number resident. An inquest is held in the case of every death, whatever the cause. The causes are detailed in Table VI, and the following is the percentage of causes mainly contributing : Senile decay, 28·97 ; diseases of the brain and nervous system group, 22·53 ; heart-disease, 17·41 ; tuberculosis, 4·14.

In Table VII the principal causes assigned for the mental breakdown in the admissions are stated ; but as a matter of fact they are merely approximations, and these, with the small numbers with which we have to deal, show such divergencies from year to year that the proportion assigned to any one cause in any one year cannot be assumed to be our average incidence. Causation is always complex,

and the most potent factor is the individual. Hereunder the assigned causations in the table referred to are grouped and shown in their relative proportions :—

					Males.	Females.	Total.
Heredity	..	..	..	..	11·64	7·17	9·54
Congenital	..	..	..	..	20·46	10·96	16·00
Predisposed by previous attack	..	..	..	..	10·41	13·15	11·70
Critical periods	..	..	..	..	10·23	20·12	14·88
Child-bearing (puerperal, non-septic, and lactation)	..	..	..	..	..	3·78	1·78
Mental stress	..	..	..	..	14·81	21·12	17·77
Toxic, including—			M.	F.			
Syphilis	..	..	3·88	1·00	7·41	1·79	4·77
Alcohol	..	..	2·82	0·20			
Traumatic	..	..	..	..	0·35	..	0·18
Disorder of nervous system, including—			M.	F.			
Epilepsy	..	..	4·94	5·58	7·23	6·57	6·92
Other bodily affections	..	..	..	..	6·17	2·59	4·49
Senility	..	..	..	..	11·29	12·75	11·97
					100·00	100·00	100·00

VOLUNTARY BOARDERS.

Year.	First Admission.			Not First Admission.			Total Admissions.			Transferred to Register of Patients.			Died.			Discharged.			Remaining on 31st December.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1912	6	17	23	0	0	0	6	17	23	1	3	4	0	0	0	4	3	7	1	11	12
1913	18	19	37	0	2	2	18	21	39	2	5	7	0	1	1	12	12	24	5	14	19
1914	17	19	36	3	2	5	20	21	41	7	5	12	1	1	2	11	15	26	6	14	20
1915	15	17	32	1	2	3	16	19	35	3	4	7	0	1	1	8	14	22	11	14	25
1916	13	23	36	5	8	13	18	31	49	4	4	8	1	2	3	14	14	28	10	15	25
1917	14	21	35	1	13	14	15	34	49	6	6	12	0	1	1	10	23	33	9	19	28
1918	23	38	61	5	11	16	28	49	77	1	4	5	2	2	4	15	30	45	19	32	51
1919	31	39	70	5	19	24	36	58	94	3	3	6	0	2	2	26	42	68	26	43	69
1920	26	38	64	16	12	28	42	50	92	3	4	7	1	2	3	33	33	66	31	54	85
1921	39	39	78	11	15	26	50	54	104	2	3	5	5	1	6	38	41	79	36	63	99
1922	47	38	85	10	16	26	57	54	111	6	5	11	4	4	8	40	48	88	43	60	103
1923	44	50	94	15	21	36	59	71	130	3	6	9	3	3	6	47	47	94	49	75	124
1924	38	44	82	16	20	36	54	64	118	4	8	12	6	3	9	39	48	87	54	80	134
1925	64	59	123	15	34	49	79	93	172	10	15	25	6	3	9	60	63	123	57	92	149
1926	71	60	131	11	29	40	82	89	171	10	11	21	7	2	9	49	71	120	73	97	170
1927	70	70	140	25	32	57	95	102	197	8	6	14	5	12	17	75	58	133	80	123	203
1928	120	94	214	37	39	76	157	133	290	8	10	18	10	8	18	102	97	199	117	141	258
1929	102	63	165	50	43	93	152	106	258	11	3	14	9	9	18	119	110	229	130	125	255
1930	152	84	236	41	35	76	193	119	312	15	9	24	8	6	14	130	79	209	170	150	320
1931	166	98	264	43	36	79	209	134	343	11	14	25	11	7	18	159	102	261	198	161	359
1932	150	85	235	50	40	90	200	125	325	24	32	56	14	5	19	190	108	298	170	141	311
1933	112	109	221	53	52	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

It will be noted that there were 312 voluntary admissions in the year under review, that 267 were discharged, and that 38 boarders, representing 12·18 per cent. of the admissions, had to be transferred to the register of patients (having shown mental disorder in degree sufficiently pronounced and sustained to render it improper for them to be continued as voluntary boarders), while the proportion of deaths on average number of resident was 7·63 per cent. The column devoted to “Not First Admissions” records readmissions on a return of illness in those previously treated to recovery as voluntary boarders. The average daily number of voluntary boarders in 1935 was 380.

MENTAL NURSES.

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

- Passed top for Dominion : Nurse M. A. McFarlane (Christchurch).
Auckland : Attendants—K. J. Brown, F. L. Irving, T. J. R. Trotter. Nurses—H. M. Hunter, M. E. Little,* I. K. O. Lowe, I. P. Milton, D. Thomas, I. P. Thomasen, C. E. Young.
Te Awamutu : Attendant—C. E. Shanaghan. Nurses—A. G. Goddard, J. M. Gray, I. D. Haining, J. R. MacKenzie, H. P. Nicoll.
Porirua : Attendants—B. W. Fisk, M. A. Lucas. Nurses—A. M. Brown,* J. B. Doyle, E. M. Harris, J. L. Harris,* M. A. McIntosh, L. A. Scott,* M. F. Squire,* K. E. Woodcock.
Nelson : Nurses—E. T. Lynch, M. T. McCluskey, B. A. McNamara, A. A. Walsh.*
Hokitika : Nurses—M. C. Buckland, J. Masterson.
Christchurch : Attendants—A. K. Asher, L. A. Mahoney, A. R. Rowe. Nurses—S. R. T. Aitcheson,* H. Clark, M. M. Depree, M. A. McFarlane,* B. M. Obery, R. M. Paul, M. G. Shearer,* A. A. T. Spink, V. M. Stevens, I. M. V. Waters.
Seachiff : Nurses—S. R. Allison, K. C. Cornish, E. I. Kay,* R. R. Kelly,* T. Sutherland.*

* Passed with distinction.

APPENDIX.

TABLE I.—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1935.

	M.	F.	T.	M.	F.	T.
In mental hospitals, 1st January, 1935	..	..	..	4,133	3,300	7,433
Admitted for the first time	..	..	..	567	502	1,069
Readmitted	..	..	..			
Total under care during the year	..	..	..	4,700	3,802	8,502
Discharged, died, and committed—						
Recovered	..	..	..	117	136	253
Not recovered	..	..	..	72	55	127
Died	..	..	..	229	206	435
(Not including transfers—Males, 94 ; females, 138.)				418	397	815
Remaining in mental hospitals, 31st December, 1935	..	..	..	4,282	3,405	7,687
Increase over 31st December, 1934	..	..	..	149	105	254
Average number resident during the year	..	..	..	4,003	3,111	7,114

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 1935.

Mental Hospital.	In Mental Hospitals on 1st January, 1935.			Admissions in 1935.									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	679	594	1,273	107	116	223	22	32	54	16	10	26	824	752	1,576
Kingsseat	239	99	338				1	0	1	20	111	131	260	210	470
Tokanui	323	283	606	39	26	65	3	5	8	2	3	5	367	317	684
Porirua	830	702	1,532	126	110	236	17	27	44	11	4	15	984	843	1,827
Nelson	490	200	690	29	23	52	1	4	5	10	2	12	530	229	759
Hokitika	236	191	427	7	13	20	5	3	8	8	0	8	256	207	463
Christchurch ..	638	672	1,310	124	70	194	10	9	19	25	6	31	797	757	1,554
Seacliff	684	534	1,218	67	45	112	7	12	19	2	1	3	760	592	1,352
Ashburn Hall (private mental hospital)	14	25	39	2	7	9				0	1	1	16	33	49
Totals	4,133	3,300	7,433	501	410	911	66	92	158	94	138	232	4,794	3,940	8,734

Mental Hospitals.	Patients discharged, transferred, and died.												In Mental Hospitals on 31st December, 1935.		
	Discharged recovered.			Discharged not recovered.			Transferred.			Died.						Total discharged, transferred, and died.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Auckland	23	38	61	23	23	46	22	48	70	54	56	110	122	165	287
Kingsseat	0	2	2	2	1	3	6	8	14	4	2	6	12	13	25
Tokanui	12	17	29	4	2	6	4	1	5	18	14	32	38	34	72
Porirua	29	34	63	10	11	21	15	71	86	60	47	107	114	163	277
Nelson	8	4	12	3	1	4	21	3	24	14	15	29	46	23	69
Hokitika	6	1	7	3	5	8	5	1	6	14	10	24	28	17	45
Christchurch ..	25	23	48	16	5	21	13	4	17	32	25	57	86	57	143
Seacliff	13	11	24	10	7	17	8	1	9	32	34	66	63	53	116
Ashburn Hall (private mental hospital)	1	6	7	1	0	1	0	1	1	1	3	4	3	10	13
Totals	117	136	253	72	55	127	94	138	232	229	206	435	512	535	1,047

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	645	525	1,170	17.83	25.68	22.02	8.37	10.67	9.40
Kingseat	242	155	397				1.65	1.29	1.51
Tokanui	309	265	574	28.57	54.84	39.73	5.83	5.28	5.57
Porirua	796	622	1,418	20.28	24.82	22.50	7.54	7.56	7.55
Nelson	465	194	659	26.66	14.81	21.05	3.01	7.73	4.40
Hokitika	231	187	418	50.00	6.25	25.00	6.06	5.35	5.77
Christchurch ..	631	628	1,259	18.66	29.11	22.54	5.07	3.98	4.53
Seacliff	670	510	1,180	17.57	19.30	18.32	4.78	6.67	5.59
Ashburn Hall (private mental hospital)	14	25	39	50.00	85.71	77.77	7.14	12.00	10.26
Totals	4,003	3,111	7,114	20.63	27.09	23.67	5.72	6.62	6.11

TABLE III.—NATIVE COUNTRIES.

Countries.	Auckland.			Kihgseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
England and Wales	107	81	188	43	38	81	51	36	87	143	100	243	52	15	67	32	17	49	63	60	123	65	38	103	3	2	5	559	387	946
Scotland	26	14	40	12	2	14	12	8	20	30	17	47	24	6	30	6	4	10	21	15	36	48	31	79	4	1	5	183	98	281
Ireland	28	24	52	12	11	23	20	17	37	43	28	71	17	2	19	16	7	23	15	23	38	29	28	57	1	0	1	181	140	321
New Zealand	405	380	785	118	116	234	199	190	389	548	489	1,037	350	167	517	132	128	260	592	577	1,169	508	407	915	4	18	22	2,856	2,472	5,328
Australian States	32	32	64	12	8	20	9	13	22	37	19	56	7	6	13	14	6	20	9	13	22	15	22	37	1	2	3	136	121	257
France	0	1	1	..	..	..	1	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Germany	2	0	2	2	0	2	1	4	4	1	4	5	2	0	2	1	0	1	1	2	3	3	0	3	..	..	..	15	7	22
Austria	9	1	10	11	0	11	4	0	4	..	..	..	2	0	2	1	..	..	0	1	1	1	0	1	..	..	..	27	2	29
Norway	..	..	..	3	0	3	2	0	2	2	1	3	..	..	..	1	0	1	..	..	..	..	..	..	..	..	..	9	1	10
Sweden	1	0	1	1	2	3	0	1	1	2	0	2	1	0	1	1	0	1	1	0	1	2	0	2	..	..	..	8	3	11
Denmark	..	..	..	1	0	1	2	0	2	3	2	5	4	0	4	1	0	1	..	..	..	1	1	2	..	..	..	12	3	15
Italy	2	1	3	..	..	..	1	0	1	2	0	2	0	1	1	4	0	4	..	..	..	..	..	..	..	..	..	9	2	11
China	3	0	3	..	..	..	1	0	1	4	1	5	..	..	..	..	..	..	..	..	..	1	0	1	..	..	..	9	1	10
Maoris	14	15	29	5	0	5	10	12	22	33	12	45	7	2	9	1	1	2	5	1	6	..	..	10	..	..	..	75	43	118
Other countries	39	16	55	13	4	17	14	5	19	22	7	29	5	1	6	5	1	6	4	8	12	6	4	10	..	..	..	108	46	154
Unknown	34	22	56	15	16	31	..	..	..	..	..	..	13	6	19	14	26	40	..	..	..	18	8	26	..	..	..	94	78	172
Totals	702	587	1,289	248	197	445	329	283	612	870	680	1,550	484	206	690	228	190	418	711	700	1,411	697	539	1,236	13	23	36	4,282	3,405	7,687

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

Ages.	Auckland.			Kihgseat.			Tokanui.			Porirua.			Nelson.			Hokitika.			Christchurch.			Seacliff.			Ashburn Hall (Private Mental Hospital).			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
From 1 to 5 years	2	0	2	..	..	..	2	1	3	0	2	2	9	1	10	0	1	1	8	9	17	3	0	3	..	..	..	22	13	35
" 5 " 10 "	7	6	13	..	..	..	3	3	6	1	9	10	29	10	39	..	..	..	33	10	43	4	2	6	..	..	..	76	38	114
" 10 " 15 "	10	7	17	..	..	..	3	3	6	2	4	6	46	9	55	1	1	2	68	46	114	10	4	14	..	..	..	140	74	214
" 15 " 20 "	23	19	42	..	..	..	10	9	19	29	30	59	65	19	84	1	6	7	92	80	172	33	11	44	..	..	..	256	174	430
" 20 " 30 "	97	62	159	21	20	41	53	30	83	124	83	207	85	36	121	31	12	43	107	110	217	91	42	133	..	..	..	609	395	1,004
" 30 " 40 "	154	118	272	30	18	48	47	50	97	174	128	302	48	32	80	25	21	46	106	92	198	133	67	200	2	0	2	719	526	1,245
" 40 " 50 "	147	155	302	53	44	97	52	64	116	181	157	338	46	24	70	45	48	93	122	104	226	129	124	253	3	6	9	778	726	1,504
" 50 " 60 "	138	123	261	64	63	127	76	58	134	193	148	341	54	29	83	65	64	129	97	138	235	139	123	262	1	7	8	827	753	1,580
" 60 " 70 "	62	60	122	55	32	87	58	47	105	114	70	184	56	26	82	46	28	74	48	72	120	92	94	186	3	7	10	534	436	970
" 70 " 80 "	31	23	54	16	10	26	20	15	35	40	40	80	32	14	46	10	4	14	23	33	56	48	55	103	3	1	4	223	195	418
" 80 " 90 "	7	4	11	3	3	6	3	3	6	12	8	20	5	4	9	1	1	2	6	6	12	9	13	22	1	1	2	47	43	90
Upwards of 90 "	2	0	2	1	0	1	0	1	1	1	1	1	..	..	..	..	..	..	1	0	1	1	2	3	0	1	1	5	4	9
Unknown	22	10	32	2	7	9	5	3	8	..	..	..	9	2	11	3	4	7	..	..	..	5	2	7	..	..	..	46	28	74
Totals	702	587	1,289	248	197	445	329	283	612	870	680	1,550	484	206	690	228	190	418	711	700	1,411	697	539	1,236	13	23	36	4,282	3,405	7,687

TABLE V.—LENGTH OF RESIDENCE OF PATIENTS DISCHARGED “RECOVERED” DURING 1935.

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.	M.	F.	T.
Under 1 month	2	1	3				0	1	1																					
From 1 to 3 months	3	9	12				4	0	4																					
“ 3 “ 6 “	3	7	8				3	1	4																					
“ 6 “ 9 “	7	6	13				0	3	3																					
“ 9 “ 12 “	4	3	7				1	2	3																					
“ 1 “ 2 years	6	8	14				3	6	9																					
“ 2 “ 3 “	0	4	4				1	0	1																					
“ 3 “ 5 “							0	3	3																					
“ 5 “ 7 “								1	1																					
“ 7 “ 10 “																														
“ 10 “ 12 “																														
“ 12 “ 15 “																														
Over 15 years																														
Totals	23	38	61	0	2	2	12	17	29	29	34	63	8	4	12	6	1	7	25	23	48	13	11	24	1	6	7	117	136	253

TABLE VI.—CAUSES OF DEATH, 1935.

Causes.	Auckland.		Kingseat.		Tokamui.		Porirua.		Nelson.		Hokitika.		Christchurch.		Seacliff.		Ashburn Hall (Private Mental Hospital).		Total.	
I.—GENERAL DISEASES.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Tuberculosis—																				
General	0	1											1	0	1	0			2	1
Of lungs	2	6	0	1			1	0					2	0	1	0			6	7
Of intestines					0	1							0	1					0	2
Cancer	9	0	1	0			0	4	2	1	1	0	2	2	1	1			16	8
Toxæmia							0	2			2	0							2	2
Furunculosis	0	1																	0	1
Diabetes			1	0															1	0
Cellulitis															1	0			1	0
Asthenia																	0	1	0	1
II. DISEASES OF THE NERVOUS SYSTEM.																				
Mania, exhaustion from													1	0					1	0
Melancholia, exhaustion from	3	4			1	0	2	4	1	1					0	2			7	11
Confusional insanity, exhaustion from							1	1			0	1							1	2
General paralysis of insane	7	1			2	0	5	1	1	0	0	1	1	1	1	0			17	4
Encephalitis	0	2																	0	2
Epilepsy	5	3			2	0	4	3	1	0			2	0	1	1			15	7
Cerebral hæmorrhage	2	0			0	2	3	3			1	0	1	3	0	3			7	11
Cerebral thrombosis	0	5					0	1											0	6
Cerebral syphilis							1	1											1	1
Cerebral tumour	1	0																	1	0
Meningitis							1	0							1	0			2	0
Subacute combined degeneration of cord													1	0					1	0
Huntingdon's chorea															0	1			0	1
III. DISEASES OF THE RESPIRATORY SYSTEM.																				
Pneumonia	3	6					0	1					2	0	0	2			5	9
Broncho-pneumonia	0	1			1	0	4	5	1	0			1	0					7	6
Chronic bronchitis					1	0	0	3			0	1			1	0			2	4
Tonsillitis							0	1											0	1
IV. DISEASES OF THE CIRCULATORY SYSTEM.																				
Heart-disease	12	13	1	1	4	2	9	7	4	4	1	2	3	2	4	5	0	2	38	38
Arterio-sclerosis	0	1			1	2	2	0					2	1	1	2	1	0	7	6
Anæmia							0	1											0	1
V. DISEASES OF THE DIGESTIVE SYSTEM.																				
Bacillary dysentery	1	4																	1	4
Gastro enteritis	1	0																	1	0
Chronic colitis													0	1					0	1
VI. DISEASES OF THE GENITO-URINARY SYSTEM.																				
Nephritis	1	1			0	1	0	1			0	1	1	3					2	7
Uræmia					1	0			0	1									1	1
VII. OLD AGE.																				
Senile decay	4	7			4	5	22	7	3	8	8	4	10	11	18	15			69	57
VIII. EXTERNAL CAUSES.																				
Suicide							2	0			1	0							3	0
IX. DIED WHILE ON ESCAPE			1	0															1	0
DIED WHILE ON TRIAL	3	0			1	1	3	1	1	0			2	0	1	2			11	4
Totals	54	56	4	2	18	14	60	47	14	15	14	10	32	25	32	34	1	3	229	206

TABLE VII.—PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1935.

Causes.	Auckland.		Kingseat.		Tokamui.		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	5	1			1	0	2	0	1	0			6	0	1	0			16	1
Arterio-sclerosis	8	2			1	1	9	1							4	2			22	6
Climacteric	0	26			0	2	0	7					0	17	0	6			0	58
Congenital	14	13			8	2	28	12	7	11			39	13	17	4			113	55
Constitutional							3	0											3	0
Encephalitis					1	0					0	1			0	1			1	2
Epilepsy	11	15			1	1	4	5	6	1	2	2	4	1	0	3			28	28
Gross brain lesion	1	0							2	0									3	0
Heredity	10	13			1	2	6	5	4	2	1	3	33	9	10	0	1	2	66	36
Ill-health	2	1			5	0	2	3			0	1	2	1	2	0	0	1	13	7
Involution	12	6							0	2	1	0							13	8
Mental stress	29	30			8	8	34	37	1	4	0	4	9	7	3	14	0	2	84	106
Organic brain disease	2	1					2	2					5	0					9	3
Previous attack	12	11	1	0	3	2	21	30	1	3	5	3	4	3	11	12	1	2	59	66
Puberty or adolescence	4	3			8	3	2	11	3	0	2	2	16	10	10	6			45	35
Puerperal	0	3			0	4	0	8					0	2	0	2			0	19
Senility	11	19			1	4	22	15	5	4	1	0	11	15	13	7			64	64
Syphilis	7	3			3	1	7	1					2	0	3	0			22	5
Toxic	1	1			1	1	1	0					1	1					4	3
Traumatic													2	0					2	0
Transfers	16	10	20	111	2	3	11	4	10	2	8	0	25	6	2	1	0	1	94	138
Totals	145	158	21	111	44	34	154	141	40	29	20	16	159	85	76	58	2	8	661	640

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.			
	M.		F.		M.		F.		M.		F.		M.		F.			M.		F.		M.		F.		M.		F.		M.		F.	
	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.		T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.		
1875	221	117	338	129	79	208	17	8	25	2	8	2	2	12	48	482	254	736	491	257	748	54	53	66	01	57	56	8	21	3	58	6	70
1876	250	112	362	123	57	180	20	5	25	3	2	2	3	21	63	519	264	783	541	277	818	49	20	50	80	49	72	7	76	7	58	7	70
1877	247	131	378	121	68	189	14	4	28	4	4	4	4	17	68	638	319	957	601	303	904	48	98	51	90	50	00	8	48	5	61	7	52
1878	248	151	399	112	76	188	15	13	28	9	4	13	55	16	71	635	361	1,056	666	337	1,003	45	16	50	33	47	11	8	25	4	74	7	07
1879	229	149	378	100	67	167	36	25	61	5	2	7	54	20	74	729	396	1,125	703	371	1,074	43	66	44	96	44	17	7	68	5	39	6	89
1880	232	127	359	93	65	158	41	36	77	9	2	11	49	14	63	769	406	1,175	747	388	1,135	40	08	51	10	44	01	6	29	3	60	5	55
1881	267	152	419	95	59	154	49	32	81	5	6	11	60	19	79	827	442	1,269	796	421	1,217	35	58	38	81	36	75	7	53	4	51	6	49
1882	255	166	421	102	78	180	13	20	33	10	9	19	65	18	83	892	483	1,375	860	475	1,335	40	00	46	98	42	75	7	53	3	78	6	21
1883	238	153	391	89	77	166	17	9	26	18	12	30	68	24	92	938	514	1,452	911	497	1,408	37	39	50	32	42	45	7	46	4	82	6	36
1884	246	133	379	95	76	171	10	17	28	12	7	27	73	22	95	981	542	1,523	965	528	1,493	38	62	57	14	45	12	7	56	4	16	6	36
1885	207	165	372	99	60	159	11	17	28	12	7	19	57	73	95	1,009	604	1,613	984	559	1,543	47	82	36	36	42	74	5	79	3	39	4	91
1886	255	161	416	103	78	181	34	17	31	17	10	20	74	27	101	1,053	643	1,696	1,045	641	1,686	53	95	63	01	57	62	7	56	4	05	6	16
1887	215	146	361	116	92	208	31	28	59	2	3	5	70	26	104	1,041	640	1,681	1,046	660	1,707	40	43	32	92	37	34	6	69	4	54	5	86
1888	230	161	391	93	53	146	31	30	61	3	1	4	70	30	100	1,074	687	1,761	1,046	660	1,707	40	43	32	92	37	34	6	69	4	54	5	86
1889	230	160	390	98	88	186	23	17	40	12	5	17	76	35	111	1,095	702	1,797	1,078	685	1,763	42	61	55	00	47	69	7	05	5	11	6	29
1890	234	171	405	88	74	162	33	24	57	14	..	..	74	34	120	1,115	734	1,849	1,089	699	1,739	37	61	43	27	40	00	7	25	5	86	6	71
1891	231	158	389	89	76	165	21	17	38	8	2	10	74	34	120	1,154	763	1,917	1,125	714	1,839	38	53	48	10	42	42	6	58	4	76	5	87
1892	281	179	460	101	89	190	17	12	29	10	8	18	78	23	101	1,229	810	2,039	1,172	758	1,930	35	94	49	72	41	30	6	66	3	03	5	23
1893	270	176	446	107	76	183	15	11	26	5	4	9	64	35	99	1,308	860	2,168	1,241	812	2,053	39	63	43	13	41	03	5	16	4	31	4	82
1894	252	165	417	105	77	182	24	19	43	1	2	3	101	42	143	1,329	885	2,214	1,313	849	2,162	41	67	46	66	43	64	7	69	4	94	6	61
1895	278	159	437	104	70	174	25	16	41	2	1	3	86	32	118	1,390	925	2,315	1,347	882	2,229	37	41	44	02	39	13	6	38	3	63	5	29
1896	284	193	477	102	73	175	17	12	29	10	..	..	105	43	148	1,440	990	2,430	1,411	944	2,355	35	92	37	82	36	69	7	44	4	55	6	28
1897	254	212	466	114	110	224	13	23	36	7	1	8	88	60	148	1,472	1,008	2,480	1,438	973	2,411	44	88	51	89	48	07	6	12	6	17	6	14
1898	259	199	458	88	99	187	15	19	34	2	1	3	114	43	157	1,512	1,045	2,557	1,487	1,004	2,491	33	98	49	49	40	83	7	67	4	28	6	30
1899	300	202	502	103	96	199	29	10	39	..	4	4	99	46	145	1,581	1,091	2,672	1,534	1,049	2,583	34	33	47	54	39	64	6	45	4	38	5	61
1900	320	223	543	125	104	229	20	17	37	..	2	2	102	72	174	1,654	1,119	2,773	1,622	1,094	2,716	39	06	46	64	42	17	6	29	6	58	6	41
1901	352	192	544	135	99	234	26	15	41	10	9	2	129	55	175	1,715	1,133	2,848	1,671	1,114	2,785	38	35	51	56	43	01	7	18	4	94	3	79
1902	355	226	581	144	101	245	26	24	50	..	..	..	129	44	173	1,771	1,188	2,959	1,741	1,160	2,901	40	56	44	69	42	17	7	41	3	79	5	96
1903	332	236	568	157	106	263	24	11	35	..	..	..	120	70	190	1,801	1,237	3,038	1,780	1,198	2,978	47	59	44	91	46	30	6	74	5	84	6	38
1904	352	251	611	149	121	270	29	24	53	..	..	..	147	67	214	1,836	1,276	3,112	1,796	1,232	3,028	41	39	48	21	44	19	8	18	5	44	7	07
1905	360	251	611	149	121	270	29	24	53	..	..	..	147	67	214	1,836	1,276	3,112	1,796	1,232	3,028	41	39	48	21	44	19	8	18	5	44	7	07
1906	395	264	659	157	126	283	28	13	35	..	..	..	146	85	231	1,900	1,306	3,206	1,823	1,265	3,088	39	75	47	73	42	94	8	01	6	71	7	48
1907	359	241	600	160	139	299	22	13	35	..	..	..	148	74	222	1,900	1,306	3,206	1,823	1,265	3,088	39	75	47	73	42	94	8	01	6	71	7	48
1908	426	318	744	180	146	326	9	12	41	..	..	..	136	68	204	2,083	1,465	3,548	1,970	1,404	3,374	42	72	57	24	48	74	6	90	4	84	6	00
1909	419	297	716	179	170	349	17	11	41	..	..	..	186	97	283	2,160	1,510	3,670	2,028	1,445	3,473	38	40	46	18	41	50	9	17	6	71	8	15
1910	474	314	788	182	145	327	29	27	56	..	..	..	198	105	303	2,220	1,536	3,756	2,105	1,496	3,601	36	38	53	00	43	27	9	41	7	02	8	41
1911	448	317	765	163	168	331	23	16	39	4	2	6	198	87	280	2,273	1,640	3,913	2,146	1,551	3,697	37	55	50	94	42	98	8	70	6	96	7	57
1912	458	381	839	184	141	325	17	44	61	11	5	16	193	87	307	2,332	1,632	3,964	2,252	1,597	3,849	37	55	50	94	42	98	8	70	6	96	7	57
1913	466	318	784	175	162	337	35	48	83	1	5	6	196	111	307	2,332	1,632	3,964	2,252	1,597	3,849	37	55	50	94	42	98	8	70	6	96	7	57
1914	509	359	868	207	162	369	27	29	56	6	9	15	193	88	281	2,408	1,703	4,111	2,309	1,641	3,950	40	67	45	12	42	51	8	36	5	36	7	11
1915	450	361	811	202	157	359	26	32	58	10	11	21	172	112	284	2,448	1,752	4,200	2,391	1,703	4,004	44	89	43	21	44	88	7	19	6	58	6	94
1916	518	361	879	160	171	331	35	34	69	7	8	15	209	80	289	2,555	1,820	4,375	2,483	1,768	4,251	30	89	47	37	37	66	8	42	4	52	6	80

1917	..	470	374	844	171	152	323	32	20	52	6	5	11	205	113	318	2,611	1,904	4,515	2,543	1,825	4,368	36.38	40.64	38.27	8.06	6.19	7.28
1918	..	437	402	839	142	141	283	17	36	53	12	12	24	274	174	448	2,603	1,943	4,546	2,602	1,899	4,501	32.49	35.07	33.73	10.53	9.16	9.95
1919	..	512	371	883	190	147	337	37	44	81	9	13	22	212	130	342	2,667	1,980	4,647	2,620	1,907	4,527	37.11	39.62	38.17	8.09	6.82	7.55
1920	..	455	418	873	162	148	310	27	37	64	6	10	16	210	166	376	2,717	2,037	4,754	2,674	1,980	4,654	35.63	35.32	35.51	7.85	8.40	8.08
1921	..	479	402	881	178	193	371	30	21	51	15	9	24	201	117	318	2,772	2,099	4,871	2,723	2,031	4,754	37.23	47.88	42.11	7.38	5.76	6.69
1922	..	453	386	839	156	157	313	32	20	52	10	8	18	211	184	395	2,816	2,116	4,932	2,747	2,062	4,809	34.44	40.67	37.31	7.67	8.92	8.21
1923	..	442	366	808	168	151	319	42	38	80	15	5	20	194	131	325	2,839	2,157	4,996	2,789	2,079	4,868	38.00	41.25	39.48	6.95	6.30	6.67
1924	..	446	377	823	152	128	280	30	42	72	9	11	20	221	95	316	2,873	2,258	5,131	2,808	2,146	4,953	34.08	33.95	34.02	7.87	4.42	6.37
1925	..	445	430	875	144	175	319	29	37	66	23	17	40	201	123	324	2,921	2,336	5,257	2,830	2,203	5,033	32.36	40.69	36.45	7.45	5.57	6.43
1926	..	508	439	947	136	145	281	27	35	62	15	25	40	207	147	354	3,044	2,423	5,467	2,926	2,287	5,213	26.18	30.75	29.67	6.16	5.42	6.77
1927	..	531	414	945	157	128	285	40	42	82	14	9	23	217	132	349	3,147	2,526	5,673	3,022	2,373	5,395	29.56	30.91	30.16	7.17	5.65	6.47
1928	..	506	450	956	115	134	249	40	40	80	17	13	30	207	161	368	3,274	2,628	5,902	3,120	2,459	5,579	22.72	29.77	26.04	6.63	6.55	6.59
1929	..	549	407	956	145	144	289	30	28	58	22	16	38	227	153	380	3,399	2,694	6,093	3,215	2,495	5,710	26.41	35.37	30.23	7.06	6.13	6.65
1930	..	621	474	1,095	138	128	266	28	34	62	31	23	54	251	172	423	3,572	2,811	6,383	3,342	2,590	5,932	22.22	27.00	24.29	7.51	6.64	7.15
1931	..	587	476	1,063	127	120	247	29	30	59	29	30	59	221	199	420	3,753	2,908	6,661	3,503	2,696	6,199	21.64	25.21	23.37	6.31	7.39	6.76
1932	..	587	484	1,071	141	160	301	39	42	81	38	41	79	219	169	388	3,903	2,980	6,883	3,681	2,738	6,419	24.02	33.05	28.10	5.97	6.17	6.06
1933	..	563	554	1,117	117	144	261	35	27	62	28	22	50	221	124	345	4,065	3,217	7,282	3,809	2,932	6,741	20.78	25.99	23.36	5.80	4.23	5.16
1934	..	479	504	983	114	146	260	64	72	136	..	..	..	233	203	436	4,133	3,300	7,433	3,899	3,039	6,938	23.80	28.97	26.45	5.98	6.68	6.28
1935	..	567	502	1,069	117	136	253	72	55	127	..	..	..	229	206	435	4,282	3,405	7,687	4,003	3,111	7,114	20.63	27.09	23.67	5.72	6.62	6.11
		22,491	16,887	39,378	7,998	6,908	14,906	2,173	1,931	4,104	..	..	..	8,520	4,897	13,417	..	..	..	..	..	..	..	..	..	..	..	..

Excluding transfers between institutions—2,476 males, 1,641 females.

TABLE IX.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS, FROM 1ST JANUARY, 1876 ,
TO 31ST DECEMBER, 1935 (EXCLUDING TRANSFERS).

						M.	F.	T.
In hospitals, 31st December, 1875	..	..	..	..	..	482	254	736
Admissions	..	..	..	..	..	22,491	16,887	39,378
						22,973	17,141	40,114
Discharged—						M.	F.	T.
Recovered	..	..	7,998	6,908	14,906			
Not recovered	..	..	2,173	1,931	4,104			
Died	..	..	8,520	4,897	13,417			
						18,691	13,736	32,427
Remaining on 31st December, 1935	..	..	..	..	..	4,282	3,405	7,687

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

						Males.	Females.	Both Sexes.
Recovered	..	..	..	..	..	34·81	40·30	37·16
Not recovered	..	..	..	..	..	9·46	11·27	10·23
Died	..	..	..	..	..	37·09	28·57	33·45
Remaining	..	..	..	..	..	18·64	19·86	19·16
						100·00	100·00	100·00

TABLE XI.—DEBITS FOR THE FINANCIAL YEAR, 1935-36.

	Auckland.	Kingsseat.	Tokamui.	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.
Salaries	41,651 6 10	8,409 11 9	22,224 4 1	53,967 7 7	24,542 13 6	16,117 13 11	47,674 3 6	51,053 14 2	8,353 1 2	273,993 16 6
Official Visitors	44 13 9	.. .. .	.. .. .	23 12 7	.. .. .	.. .. .	21 12 0	.. .. .	.. .. .	89 18 4
Advertising, books, &c.	3 4 6	.. .. .	.. .. .	3 4 0	2 2 3	1 11 6	4 8 6	2 7 6	11 14 7	31 0 7
Bacteriological research	38 6 6	.. .. .	.. .. .	29 18 0	0 10 6	0 5 0	8 5 5	.. .. .	.. .. .	77 5 5
Bedding and clothing	5,433 9 1	1,514 6 5	1,596 2 8	5,810 10 11	2,426 9 4	1,903 12 6	6,120 6 4	4,703 3 3	0 13 6	29,508 14 2
Buildings, including additions, &c.	1,010 3 11	42 17 8	441 7 9	1,026 4 3	290 14 9	211 4 6	1,158 15 11	1,542 2 8	.. .. .	5,723 11 5
Dental services	3 16 1	.. .. .	8 5 11	2 13 10	15 2 7	16 6 4	9 9 1	10 6 0	.. .. .	65 19 10
Farms	1,078 7 4	568 19 5	2,754 0 3	1,141 3 5	981 14 6	458 13 1	1,626 15 7	1,236 2 2	.. .. .	9,845 15 9
Fencing, draining, and roading	41 8 0	31 12 1	265 10 4	170 11 6	45 0 10	11 0 5	120 11 6	162 9 6	.. .. .	848 4 2
Freight, cartage, and transport	58 6 10	59 19 2	170 6 4	261 5 11	185 17 5	42 2 6	394 19 0	359 1 8	.. .. .	1,531 18 10
Fuel, light, water, &c.	5,980 18 1	1,315 17 3	3,055 7 3	5,872 19 0	4,170 7 5	1,330 0 1	6,526 14 6	5,447 14 10	43 2 7	33,743 1 0
Funeral expenses	97 10 0	14 0 0	48 15 0	94 12 0	20 15 0	26 10 0	18 15 0	82 19 0	.. .. .	403 16 0
Furniture and fittings	559 3 6	66 15 1	239 7 4	565 13 2	228 2 5	76 7 9	523 0 9	390 8 5	34 3 10	2,683 2 3
Gardens and shrubberies	48 19 0	3 13 8	13 18 1	38 17 10	67 12 10	38 10 2	110 13 5	13 15 8	.. .. .	336 0 8
Laundry	304 17 0	71 12 9	196 19 4	342 7 1	259 4 6	51 16 5	228 6 10	224 11 4	.. .. .	1,839 15 3
Legal and inquiry costs	1 9 0	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1 9 0
Machinery repairs and stores	131 9 11	8 11 5	138 0 3	53 0 8	103 13 3	15 6 6	193 6 4	135 6 9	.. .. .	778 15 1
Medical fees	634 2 6	.. .. .	144 2 6	652 0 9	110 5 6	59 19 0	367 3 11	267 14 6	.. .. .	2,235 8 8
Motor-vehicles—										
Maintenance of	5 12 8	7 8 6	73 19 5	56 6 7	99 8 9	34 2 0	226 0 5	132 16 5	.. .. .	635 14 9
Purchase of .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	198 13 7
Nursing staff uniforms	149 17 8	37 11 2	90 0 9	337 10 9	75 18 7	57 5 5	244 8 8	174 0 7	.. .. .	1,206 13 7
Office equipment	2 0 1	.. .. .	1 8 0	.. .. .	5 12 0	0 16 6	4 8 4	7 2 9	2 15 2	24 2 10
Patients' expenses connected with gratuities	28 10 0	.. .. .	4 9 2	77 12 11	119 4 7	13 17 6	0 16 4	44 13 6	.. .. .	289 4 0
Friends .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	94 6 0	.. .. .	94 6 0
Recreation .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Transfers	1,027 15 5	357 0 3	586 8 2	1,359 9 9	601 9 1	325 11 1	749 9 10	852 19 4	.. .. .	5,860 2 11
Postages, telegrams, &c.	9 13 3	13 3 0	1 10 7	207 9 9	52 16 9	7 3 6	19 13 6	6 19 0	.. .. .	318 9 4
Printing and stationery	90 19 0	15 6 2	54 4 6	158 2 5	32 12 10	13 10 10	104 9 8	112 11 0	183 9 10	765 6 3
Rations	221 14 8	76 2 4	80 3 1	175 5 3	78 8 1	55 0 5	178 10 5	104 0 5	96 16 10	1,066 1 6
Rents and rates	12,036 2 5	5,686 18 4	4,643 15 10	16,667 8 3	6,729 18 10	5,138 1 8	12,748 1 0	12,239 2 8	.. .. .	75,889 9 0
Stores .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2 16 2	.. .. .	677 2 1	8 0 0	608 17 11	1,296 16 2
Surgery and dispensary drugs, &c.	670 12 10	174 11 4	328 19 1	945 3 1	428 0 4	320 11 5	964 3 8	586 1 3	.. .. .	4,418 3 0
Telephone services	409 4 8	41 2 8	152 17 9	389 4 10	151 1 5	75 7 11	282 15 7	228 3 5	.. .. .	1,729 18 3
Transfer and removal expenses	65 16 4	76 14 10	92 15 2	170 1 9	62 19 1	34 4 3	116 18 1	184 11 9	113 0 1	917 1 4
Travelling-allowances	93 3 3	1 8 0	3 16 8	211 2 5	183 0 0	80 13 8	6 2 5	32 3 2	135 10 3	746 19 10
Travelling-expenses	34 11 3	131 3 5	30 13 2	30 6 6	102 9 0	71 12 5	0 9 11	178 3 3	151 9 7	730 18 6
Treatment in General Hospital—	85 6 0	25 7 2	14 12 11	62 15 5	31 18 6	24 7 11	51 3 5	111 11 4	178 0 6	585 3 2
Patients	175 10 6	24 12 0	.. .. .	124 16 0	93 4 0	7 2 6	135 18 5	137 0 6	.. .. .	698 3 11
Staff	4 6 6	.. .. .	2 14 0	.. .. .	.. .. .	.. .. .	8 18 6	3 10 0	.. .. .	19 9 0
Contingencies and miscellaneous	2 10 10	0 14 4	38 6 9	116 0 3	772 15 0	1 1 4	3 8 6	155 0 0	0 8 9	1,090 5 9
Totals	72,234 19 2	18,877 0 2	37,499 9 10	91,184 18 5	43,073 19 7	26,621 10 0	81,889 0 1	81,024 13 9	9,913 4 7	462,318 15 7

TABLE XI.A.—CREDITS FOR THE FINANCIAL YEAR, 1935-36.

—	Auckland.	Kingseat.	Tokauu.	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 for maintenance	22,557 11 8	6,874 9 1	10,689 3 2	30,921 15 2	10,037 2 5	4,482 16 2	26,310 2 4	25,787 14 0	..	137,660 14 0
Receipts from farms	358 9 10	2,059 3 7	3,828 15 6	694 8 8	1,515 11 10	22 6 11	1,422 18 1	1,833 15 7	..	11,735 10 0
Miscellaneous	4,865 12 0	1,182 18 11	2,842 7 6	7,101 6 11	2,860 14 2	1,769 0 10	5,673 13 1	7,038 12 3	4 13 1	33,338 18 9
	27,781 13 6	10,116 11 7	17,360 6 2	38,717 10 9	14,413 8 5	6,274 3 11	33,406 13 6	34,660 1 10	4 13 1	182,735 2 9

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 1935-36.	Increase in 1935-36.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Auckland	1,287	32 7 11	4 4 5	0 15 8	0 16 9	4 12 11	9 7 0	0 6 4	3 11 4	56 2 4	17 10 6	4 1 2	34 10 8	28 6 6	6 4 2	6 4 2
Kingseat	424	19 16 11	3 11 6	0 2 0	1 6 10	3 2 1	13 8 5	0 1 11	3 1 3	44 10 11	16 4 6	7 13 0	20 13 5	26 19 5	..	..
Tokauu	585	38 0 1	2 14 7	0 15 1	4 14 2	5 4 6	7 18 10	0 5 2	4 12 0	64 4 5	18 5 7	11 8 1	34 10 9	35 18 10	1 8 1	..
Porirua	1,543	34 19 9	3 15 3	0 13 3	0 14 9	3 16 1	10 16 0	0 5 0	4 1 6	59 1 7	20 0 9	5 1 0	33 19 10	31 14 3	..	2 5 7
Nelson	683	35 16 8	3 10 10	0 8 6	1 8 8	6 1 9	9 16 6	0 4 5	5 10 5	62 17 9	14 13 1	6 7 9	41 16 11	39 5 1	..	2 11 10
Hokitika	416	38 13 8	4 11 4	0 10 1	1 2 0	3 3 11	12 6 8	0 3 8	3 6 7	63 17 11	10 15 2	4 6 0	48 16 9	45 13 7	..	3 3 2
Christchurch	1,335	35 14 6	4 11 8	0 17 4	1 4 4	4 17 9	9 10 11	0 4 3	4 5 10	61 6 7	19 14 1	5 6 3	36 6 3	32 9 10	..	3 16 5
Seacliff	1,221	41 16 3	3 17 0	1 5 3	1 0 3	4 9 3	10 0 6	0 3 9	3 14 11	66 7 2	21 2 5	7 5 4	37 19 5	34 0 11	..	3 18 6
Head Office	..	1 2 4	..	..	..	0 0 1	..	..	0 4 1	1 6 6	..	..	..	1 5 0	..	..
Totals	7,494	36 9 1	3 18 6	0 15 3	1 6 2	4 9 9	10 1 10	0 4 7	4 4 7	61 9 9	18 6 2	6 0 4	37 3 3	34 9 0	..	2 14 3

* 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, 1936.

Mental Hospitals.		Net Expenditure for Year ended 31st March, 1936.
Auckland	..	£ 307
Christchurch (Sunnyside)	..	12,397
Hokitika	..	2,739
Nelson and Stoke	..	18,307
Porirua	..	..
Kingseat	..	21,973
Seacliff	..	1,453
Tokanui	..	12,682
Waitati	..	..
Total	..	69,858

TABLE XIV.—TOTAL EXPENDITURE OUT OF PUBLIC WORKS FUND FOR BUILDINGS AND EQUIPMENT AT EACH MENTAL HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1936.

Mental Hospitals.		1877-1926.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	1932-33.	1933-34.	1934-35.	1935-36.	Total Net Expenditure 1st July, 1877, to 31st March, 1936.
Auckland	..	£ 179,729	19,988	£ 12,213	£ 12,461	£ 2,279	£ 3,372	£ 621	£ 676	£ 155	£ 2,321	£ 307	£ 234,122
Christchurch (Sunnyside)	..	206,882	7,229	10,164	7,777	35,291	23,993	4,650	7,960	3,481	23,489	12,397	343,313
Dunedin (The Camp)	..	4,891	..	..	..	..	..	..	..	..	..	..	4,891
Hokitika	..	43,763	1,745	141	401	3,064	14,764	8,381	3,107	8,753	5,629	2,739	92,487
Hornby	..	11,102	..	..	..	..	..	..	..	..	..	..	11,102
Motuihi Island	..	561	..	..	..	..	..	..	..	..	..	..	561
Napier	..	147	..	..	..	..	..	..	..	..	..	..	147
Nelson and Stoke	..	59,351	3,496	753	956	33,250	26,494	3,339	2,680	12,251	28,552	18,307	189,429
Putitahi (Kingseat)	..	..	..	..	..	..	16,130	16,433	10,278	35,438	29,784	21,973	130,036
Seacliff	..	197,759	17,888	9,408	27,132	34,609	8,914	3,065	414	6,618	4,888	1,453	312,148
Tokanui	..	122,926	1,658	2,124	19,887	32,405	27,787	7,164	2,918	6,295	3,797	12,682	239,643
Waitati	..	17,662	627	..	853	2,170	9,557	936	516	..	..	..	32,321
Wellington	..	29,641	..	..	..	..	..	..	..	..	..	..	29,641
Wellington (Porirua)	..	272,983	16,004	16,315	27,315	9,028	3,129	1,349	207	29	170	..	346,529
Totals	..	1,147,397	68,635	51,118	96,782	152,096	134,140	45,938	28,756	73,020	98,630	69,858	1,966,370

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