

1937.
NEW ZEALAND.

MENTAL HOSPITALS OF THE DOMINION.

(REPORT ON) FOR 1936.

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, 1937.

I have the honour to present my annual report upon the work of the Department of Mental Hospitals for the year ending 31st December, 1936.

There were at the close of the year 8,216 persons upon our registers, including 46 patients and boarders at Ashburn Hall Private Licensed Institution, and 631 patients and boarders who were out on probation to the care of relatives and friends.

In actual residence in State institutions there were 7,539 persons, an increase of 249 over the corresponding figure for the previous year, and of this number 7,210 were the subject of a reception order, whilst 329 were voluntary boarders.

The total number of first admissions, including voluntary boarders, was 1,145, as against 1,128 for last year, an increase of 17, and 267 former inmates were readmitted.

We were able to discharge 719 patients and boarders during the year, or 50·92 per cent., calculated upon the admissions, but of that number only 386, or 27·34 per cent., could statutorily be entered as having recovered.

The system of allowing patients and boarders to leave the institutions on probation has been considerably extended in the last few years, and this is of great advantage both to the patients and the institutions; but this procedure has created a fallacy in regard to our recovery rate. Under the provisions of our Act a patient on probation may be discharged as recovered during his period of probation only if the Medical Superintendent receives a medical certificate testifying to the patient's recovery, but if no such certificate is forthcoming he must be discharged as "unrecovered." We frequently have up to seven hundred patients on probation, and the majority of these convalesce at home to ultimate recovery, but relatively few send the requisite certificate, to the detriment of our statistics.

It is, however, satisfactory to know that over half our admissions are able to return home.

ACCOMMODATION.

I am glad to report that during the year a very considerable improvement has been effected in regard to the shortage of accommodation, to which I have had to call attention in previous reports. The net increase in the number of patients and boarders on the registers was 170, but in spite of this, by the carrying-out of a very extensive building programme, the deficiency in accommodation was reduced from 935 to 514 beds. As stated in previous reports, overcrowding cannot be adequately stated in terms of bed space alone; we must provide the ancillary services in proportion to the number to be served, and in this connection I direct attention to the numerous additions and alterations detailed in another part of this report. Many of these additions, such as the new store at Porirua, are but the first steps in an extensive programme which should make our institutions compare favourably with any in other parts of the world. The position with regard to the distribution of patients and the accommodation available is shown in the following table compiled in March, 1937 :—

Hospital.	Accommo- dation.	Number of Patients and Boarders on Registers.	Number on Probation.	Number actually resident.	Deficiency.	Surplus.
Auckland ..	1,187	1,410	130	1,280	93	..
Kingseat ..	620	587	5	582	..	38
Tokanui ..	637	630	51	579	..	58
Porirua ..	1,284	1,631	126	1,505	221	..
Christchurch ..	1,137	1,420	151	1,269	132	..
Nelson ..	819	853	38	815	..	4
Hokitika ..	478	454	7	447	..	31
Seacliff ..	1,004	1,237	34	1,203	199	..
Totals ..	7,166	8,222	542	7,680	645	131

Net deficiency 514, as compared with 935 for last year.

THE VILLA SYSTEM.

“The experience of each successive year adds to my conviction that in the villa system we have the means not only of ideal classification, but also of obviating all the objectionable features which loom so large in the public mind.”

At the end of another fourteen years I find no reason to modify the opinion thus expressed by me in 1923 in my annual report as Medical Superintendent of Nelson Mental Hospital.

At the time this paragraph was penned we were making the first cautious advances in New Zealand towards the villa system, for which purpose we had acquired the old Stoke Orphanage property. There were not a few in the Department then who voiced grave apprehensions regarding the proposed changes, which are associated with the villa system—viz., the abolition of airing courts, the extension of parole to patients, and the nursing of male patients by female nurses.

To-day we have three villa-system mental hospitals—Kingseat, Ngawhatu (at Nelson), and Hokitika—and their establishment has definitely opened a new and happier chapter in the treatment of the mentally afflicted. Even in the older institutions all additions are being made in the form of villas, and many of the villa-system methods have been adopted so far as has been found practicable.

None of the villa mental hospitals have any enclosed spaces or airing courts, and exercise is taken by those who cannot be given parole in walking parties. I am hopeful that in time airing courts will disappear also from the old large institutions.

So far as parole is concerned, I need only point out that the English Board of Control regards the position as satisfactory if 16 per cent. of the patients resident enjoy some measure of parole; over all our hospitals our figure for parole is more than twice that and rises in our villa institutions to 45 per cent. at Ngawhatu and 86 per cent. at Kingseat.

One matter which I regard as essential to the proper development of our mental hospitals is the extension of nursing by female nurses to the male divisions.

I stated in the annual report of 1923, already referred to, that 90 per cent. of male admissions could be nursed by females, and further experience has certainly not led me to qualify the opinion then held.

At Kingseat all but one of the twelve villas are staffed by female nurses, with the happiest results, and the same can be said of Ngawhatu. There is plenty of scope for male attendants in supervising farm and developmental work, but to ensure comfort and domestic efficiency within the ward or villa nurses are indispensable.

One aspect of the villa system which is probably peculiar to New Zealand and which has proved a great success is the system of separate cooking done by each villa. Not only does this obviate the large capital cost of building and equipping a central kitchen, but we have found that the meals are better cooked and better served, and their preparation provides an interesting form of occupation for nurses and patients.

Our experience in this matter has prompted an inquiry into the possibility of decentralizing the cooking in the older institutions; there are difficulties, but no doubt these will be overcome.

PROGRAMME FOR CURRENT YEAR.

Included in the programme for the current year, are the following major works, which are either being planned or are already under construction:—

Kingseat.—Hitherto the main activity at Kingseat has been the provision of villas to ease the overcrowding elsewhere, but with over six hundred patients in residence the time has arrived for the erection of the service blocks and specialized units. In this direction the store was occupied during the year, and the laundry, boiler-house, bakehouse, and butcher's shop are all well advanced. One of the most important units will be the Hospital Admission Villa, for which the plans are well forward, and its erection will be commenced before this report is published. The plans make ample provision for all the most modern forms of treatment, including massage, continuous baths, light, electricity, and X-rays, and the block also includes a laboratory, dispensary, and operating-theatre.

Plans are being considered for the erection of an additional reservoir of 300,000 gallons capacity.

The two next most pressing requirements at Kingseat are a Nurses' Home and an entertainment hall.

Tokanui.—Extensive alterations are going on, to enable an interchange of male and female divisions to be effected.

Porirua.—The new store will be completed shortly and the new kitchen boiler-house block will be commenced. The completion of these works will enable us to put in hand a much-needed remodelling of dining-hall and administrative block and to provide adequate visiting-rooms for patients' friends.

Nelson.—It is hoped to erect at least two male villas and thus allow for a reconstruction of the present main building at Ngawhatu to provide administrative offices, including stores.

Hokitika.—Consideration is being given to reconstruction of the kitchen-stores block, which is now quite inadequate for the increased number of patients. It is intended during the year to erect two new villas to house fifty patients of each sex.

Christchurch.—Considerable improvements are to be effected in connection with water-supply.

Seacliff.—Additions to the Nurses' Home are under consideration, and a hospital-admission unit is necessary.

ALTERATIONS, ADDITIONS, AND IMPROVEMENTS CARRIED OUT LAST YEAR.

Capital expenditure on new buildings, additions, and improvements effected during the year amounted to £142,108 19s. 11d., and the following summary shows the principal items making up the total:—

Auckland (£841).

A new refrigerator was installed and additions to the Nurses' Home commenced.

Kingseat (£65,191).

Four villas were completed and occupied during the year. The new store has been erected and equipped.

A commencement has been made with the new laundry, boiler-house, bakehouse, and butcher's shop. Roadmaking, sewerage-construction, lighting, and drainage have all been carried forward.

Tokanui (£18,839).

Two villas for male patients have been completed and occupied. Alterations have been made to the store accommodation. Roading and sewerage works have been carried out.

Porirua (£6,510).

Erection of a new store has been commenced, and alterations to "Vailima" carried out.

Ngawhatu (£16,218).

Three new villas have been equipped. A new telephone system has been installed. A new refrigerator has been installed. New coal-bunkers have been built. Roading has been improved and extended.

Hokitika (£7,579).

One new villa has been completed and equipped. Extensions have been made to the laundry. A residence for the clerk has been erected.

Christchurch (£23,971).

A new bakehouse has been erected. Additions have been made to the female dining-room. The water-supply has been improved.

At Templeton Farm Colony the erection of a new laundry has been commenced. Two villas have been completed at Jenkins' Farm for male patients. A workshops block for vocational training of boys has been erected.

Seacliff (£2,958).

The dining-room accommodation at D Ward has been improved. A new bath and shower room for male patients has been completed. A new dairy has been erected.

SHORTENING OF NURSING STAFF WORKING-HOURS.

At the conference of Medical Superintendents last year a discussion took place as to the best means of reducing the working-hours of our nursing staffs, in conformity with the general Government policy of reducing working-hours. Those present were unanimously of opinion that a substantial reduction was desirable from the fifty-three hours then being worked, but it was stressed that any amelioration of working-conditions should be accompanied by a corresponding benefit to the patients. With your concurrence, a committee, consisting of Mr. Ellwood, Head Attendant at Christchurch, and Mr. Millar, Secretary of the Public Service Association, was set up to report upon the matter, and after consideration the recommendations of this committee were adopted and the scheme came into operation as from 1st September.

In addition to a reduction of hours from fifty-three to approximately forty-two per week, the scheme provided for an extra shift to cover the evening hours, so that a larger number of patients are now enabled to sit up to a reasonably late hour at nights.

In spite of the fact that the change-over involved the engagement of 270 new officers and the provision of their accommodation its inauguration took place with remarkably little inconvenience or disturbance of the institutional routine.

The innovation is of too recent date for me to report adequately upon its general effect on the hospitals, but the reports which I have so far received are favourable.

The only adverse comments are in regard to a lack of continuity of supervision by the higher officers, but certain proposals to deal with this are now being discussed with the Public Service Commissioners, and in any event the position will improve as the new junior staff get to know the work. So far as nursing staff is concerned, the reports are to the effect that there is a definitely increased keenness in the work.

To the credit of the nurses I would like to record that two Medical Superintendents have reported that there is a marked increase in the number of nurses who take patients out for the day of their own accord, in their own time, and at their private expense. A considerably increased number of patients now retire to rest at a later and more reasonable hour than was formerly possible, and there is a heightened interest in recreations.

OCCUPATIONAL THERAPY.

I was very deeply impressed on my visit to Great Britain two years ago with the enormous progress made in the provision of suitable occupation for all classes of patients in mental hospitals and with the obvious benefits to the patients and the institutions. In New Zealand a large percentage of our patients have always been employed on the necessary work of the institutions—the men on the farms and gardens, the women in the laundries, kitchens, &c.—but many patients are unwilling or unable from various reasons, mental and physical, to do institution work. For these people we have lately introduced the teaching of handicrafts, and the results are most encouraging. To begin with we have had classes for the more recent and recoverable types who benefit by some such congenial way of passing the time, but I am hopeful of extending the classes to the more chronic cases, and I have no doubt that the tranquillising effect of useful occupation which I have seen elsewhere will soon become apparent in our own institutions.

The work has been done so far in New Zealand, partly by outside voluntary effort and to some extent by part-time paid instructors, but the experience in other countries leads to the expectation that occupational therapy will develop to an extent which will necessitate the employment of regular whole-time officers.

CHANGES IN MEDICAL STAFF.

It is with great regret that I record the death on 30th December of Dr. H. M. Prins, Medical Superintendent of Tokanui Mental Hospital. Dr. Prins was a man of generous and kindly nature, and during his twenty years of service in the Department he had earned the respect and affection of the patients and his fellow-officers.

Dr. James Dewar Hunter was promoted to be Medical Superintendent at Kingseat Mental Hospital last August. Dr. Hunter has had special experience of the villa system both in Scotland and in New Zealand and is therefore well qualified to be the first Medical Superintendent of our leading villa mental hospital.

Dr. Gilbert Mortimer Tothill was promoted to the position of Medical Superintendent of Tokanui Mental Hospital in January in succession to the late Dr. Prins. Dr. Tothill had several years' experience in psychiatry in England before joining our service nine years ago. His promotion is well earned.

APPRECIATION.

I am always glad of the opportunity to include in this report my sincere appreciation of the generous loyalty and support given to me at all times by my colleagues Dr. John Russell and all the Medical Superintendents and by the other officers of the service.

I am extremely fortunate in my Head Office staff, and to Mr. Sinclair, Chief Clerk, and the other officers I tender my thanks for valuable work well done throughout the year.

AUCKLAND MENTAL HOSPITAL.

Dr. BUCHANAN reports :—

I have the honour to present my annual report for the year ended 31st December, 1936.

The total number of cases under care during the year was 1,592, with a weekly average of 1,185. The admissions numbered 303 (147 males, 156 females). Of this number, 242 were admitted for the first time. Under section 8 of the Mental Defectives Amendment Act, 169 patients were admitted.

Eighty-four voluntary boarders were admitted during the year, making a total of 193 under care, and of these, 70 were discharged.

At the end of the year 157 patients were on probation, 104 on full parole, and 159 on limited parole. Deaths totalled 113 (50 males, 63 females).

Generally, the health of the patients has been good. However, we were unfortunate in having an epidemic of dysentery, which broke out in March, came to a peak in June, and became quiescent in October. It is now over, though occasional sporadic cases still occur. This outbreak presented many difficulties. Our accommodation was already very limited, and the necessity of providing adequate isolation taxed our ingenuity. This experience has prompted me to include the cost of building an isolation block in my annual estimates.

The work of the nurses who were in charge of the epidemic was admirable, and deserves praise.

On the 15th September we were honoured by a visit from the Minister of Mental Hospitals, the Hon. Peter Fraser.

A fairly comprehensive programme of maintenance and new work has been effected. In this list the main items are general painting, outside and inside; tarring and sanding roads and airing courts; alterations to the water service to provide a more efficient fire-fighting supply; a new veranda built on to the Wolfe Home; a sun-shelter shed in M. 3; preparations for the installation of a cool storage in the main kitchen; introduction of a vegetable-peeling machine, also in the main kitchen; and the addition of ventilating skylights to M. 3. Many other small, but none the less important, works were also carried out.

The library has proved a great success. It now possesses a great number of books of excellent quality. The increasing number of books, and the enlarging number of patients who take advantage of the amenities this club provides, will probably necessitate building-extension.

During the year we have lost the services of two old members of the staff, one having reached retiring-age and the other on account of impaired health. I refer to Mr. White, who has been our Chief Engineer since 1st May, 1928, and Mr. Myers, our Storeman since 27th December, 1923. The former was a valuable colleague and sincere friend. His wide knowledge of engineering, and his broad practical common-sense in everyday matters, was of very great use and importance. The latter was a devoted, loyal, and conscientious member of our staff.

Entertainments have been good. In this connection I wish to thank specially Mr. Neville Carlson for his consistent entertainment and amusement of our patients, and the Amateur Magician Society for giving a most entertaining and thoroughly appreciated performance.

The Official Visitors continue to take a useful and regular interest in the welfare of the patients.

On the 15th August I handed over the charge of the Kingseat Mental Hospital to Dr. Hunter, who was appointed Medical Superintendent. In spite of relief from the extra work entailed in looking after this growing hospital, it was with regret that I partially severed my connection with it. The supervising of buildings embodying new ideas in the nursing of mental cases was always interesting and congenial. I tender to Dr. Hunter my congratulations on his appointment and best wishes for his future at Kingseat.

The introduction of the forty-hour week at first caused some inconvenience, but I am glad to state that the new regime now runs smoothly and happily. Naturally, there is some resultant congestion in staffing accommodation, but this will be overcome if the proposed alterations and additions to the Nurses' Home are made.

The Psychiatric Clinic continues to function well. On the appointment of Dr. Hunter to the Kingseat Mental Hospital he took over the clinic on Thursday mornings, which hitherto had been conducted by Dr. Short. In severing my clinical relationship with Dr. Short I wish to record my thanks for his co-operation. The relative figures of the clinic are :—

		Tuesdays.	Thursdays (Dr. Short and Dr. Hunter).	Total.
(1) Number of separate persons seen ..	M.	283	83	366
	F.	23	34	57
		306	117	423
(2) Number of—				
(a) First visits	..	256	105	361
(b) Subsequent consultations ..	..	563	589	1,152
		819	694	1,513
(3) Sources of reference—				
Pensions Department	..	207	36	243
Medical practitioners	..	26	64	90
Voluntary calls	..	27	17	44
Prisons Department	..	20	..	20
Psychological Clinic	..	1	..	1
Porirua Mental Hospital	..	1	..	1
Police Department	..	5	..	5
		287	117	404

Monthly visits have been made by Dr. G. M. Tothill and myself to the Inebriates' Home on Rotorua and Pakatoa Islands.

An increasing number of prisoners has been seen in Mount Eden Prison and reported upon.

In conclusion, I wish to record my thanks to the Medical Officers, the matrons, head attendant, clerk, and staff for their helpful co-operation during the year.

The work of the medical officers is becoming increasingly onerous, and there is not any doubt but that we now require additional help. It says much for the keenness and strong sense of duty of these officers that they have carried on their added obligations conscientiously and without complaint.

KINGSEAT MENTAL HOSPITAL.

Dr. HUNTER, reports :—

I have the honour to submit my annual report for the year ending 31st December, 1936.

The total number of cases under care during the year was 610 (311 males and 299 females), with a weekly average of 443 cases.

Three male voluntary boarders were admitted during the year.

At the end of the year 9 patients (5 males and 4 females) were on probation, and 10 patients (5 males and 5 females) were finally discharged.

Deaths totalled 11 (6 males and 5 females).

With the increasing size of the hospital it has been necessary to appoint a resident Medical Superintendent and a Clerk. This was done as soon as the two residences and the store, which were in the course of construction, were completed.

Kingseat, although a separate hospital, had been administered in conjunction with the Auckland Mental Hospital, with Dr. Buchanan as Medical Superintendent of both hospitals, and I would like to record my appreciation of the work which he has done in connection with Kingseat. On my taking over in August of this year Kingseat began to function as a separate unit.

The hospital consists of twelve separate villas, six for men and six for women, each villa being self-contained, including its own cooking facilities, this being appreciated very much by the patients and staff. Eleven of the villas are in charge of nurses, the remaining one being in charge of men, with a nurse assisting.

During the year four new villas have been completed, two for men and two for women. These are occupied by the transfer from Porirua of 47 men and 50 women, and from Auckland of 8 men and 38 women, the remaining beds being occupied by the transference of our own patients from the Farm Ward and the camp. The camp and the Farm Ward were closed, and necessary alterations were made to the latter for the accommodation of additional male attendant staff.

The completion and opening of the new store, along with the appointment of additional clerical staff, has done much to facilitate the working of the hospital.

The contract for the erection of the engine-room, laundry, bakery and butcher's shop, and coal-store was let early in December, and the foundations of these buildings have been commenced.

The introduction of the forty-two-hour week for our nursing, artisan, and farm staff, along with the appointment of extra staff for the opening of the new villas, has resulted in our nursing staff being increased from 29 nurses and 16 attendants to 60 and 29 respectively, with the result that a Nurses' Home seems to be the only satisfactory solution for the shortage of staff accommodation.

The increased time for recreation now enjoyed by our staff is very much appreciated, and is reflected in the carrying-out of their duties.

In September a weekly out-patient clinic was started at the Auckland Public Hospital, working in conjunction with Dr. Buchanan, of Auckland Mental Hospital. Consultations and attendances for treatment numbered 68, and of these, 21 were new cases.

The year has been one of continuous activity, consisting of excavations for new buildings; the laying-out and improving the grounds around the new villas and residences; the sowing of $4\frac{3}{4}$ acres of lawn around villas 12 and 13; the planting of shelter-belts, hedges, ornamental trees, and shrubs; the excavating for the underground cables for electrical power; and the removal of overhead power-lines.

The time has come, I think, for the appointment of a full-time artisan, capable of attending promptly to the many small requirements of maintenance, &c., which would be more economically dealt with in the beginning rather than allow them to be costly replacements at a later date. The increasing size of the institution and the fact that the older buildings are requiring more items of maintenance would provide sufficient work to keep him fully occupied.

The farm continues to be a useful adjunct to the hospital, and its many outlets for occupational therapy have proved very beneficial to our patients.

The patients, on the whole, are happy and contented, and the new transfers soon respond to the environment. They are given as much parole within the boundaries of the hospital property as possible, consistent with their mental conditions, and this privilege, together with that of being allowed to sit up until 10 p.m., is much sought after and is appreciated very much, as it allows of the patients enjoying to the full the benefits associated with radio, each villa having its own set.

The patients are fully occupied with constructive works in the grounds, gardening, laundry, and sewing-room, some having their own gardening plots. Their amusements have not been neglected, football, cricket, tennis, and croquet being provided. During the winter months weekly dances are held, but we are handicapped by the lack of a recreation hall, preferably one with cinema facilities, which would be appreciated by patients and staff. Up to the present a day-room in one of the villas has been used, although not suitable for dancing, but the arrival of 150 patients on transfer will necessitate new arrangements for the coming winter.

The Hon. P. Fraser, Minister in Charge of Mental Hospitals, visited us on the 17th December, and spent the morning inspecting the villas and the hospital generally.

Mr. McFarlane, of the Public Works Department, continues to show his keen interest in the growth of Kingseat, and his many helpful suggestions are appreciated.

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

The Official Visitor, the Rev. Mr. Wood,

Mr. Hooker,

The members of the various women's institutes,

The Auckland Hospital Auxiliary, Mental Hospitals Branch,

Several local branches of the Returned Soldiers' Association,

and also to the many people throughout the Auckland Province who have sent us newspapers and reading-matter.

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

TOKANUI MENTAL HOSPITAL.

Dr. TOTHILL reports:—

I have the honour to submit the annual report for the year ending 31st December, 1936.

At the end of December Dr. Prins, who had been Medical Superintendent for the past eight years, died. In spite of failing health the welfare of his patients and staff was always his first consideration. He was greatly esteemed in the district, and our deepest sympathy is extended to his widow and two sons.

The total number of patients under care was 692, with a weekly average of 567. Admissions numbered 80 (40 males and 40 females), 67 being admitted for the first time. There were 21 voluntary boarders under treatment, 9 being new admissions.

During the year 8 voluntary boarders and 48 patients under certificate were discharged, 49 had sufficiently recovered to be allowed home on trial, and 4 were transferred to other institutions.

There were 29 deaths.

Two modern male villas were erected, and are much appreciated by the patients. A new Medical Superintendent's house is now in occupation.

The sewerage system and digester was completed and is functioning satisfactorily.

Part of the water-main from Te Awamutu has been renewed, the water-main to the Nurses' Home replaced, and a new reticulation water-supply to the staff houses introduced.

An outside dormitory was converted into a main store and a bowser-pump installed.

Model concrete piggeries have been built on the Farm.

Painting, road-construction, planning of gardens, and general maintenance have been carried out.

Alterations in the main buildings, in anticipation of a change-over of patients, are in progress, and the telephone system is being overhauled.

The usual recreations and entertainments have been held, the talking pictures proving most popular.

The performance of the Te Awamutu Band and the concert parties provided by Mr. Findlay, the Official Visitor, have been greatly appreciated.

In conclusion, thanks are due to all members of the staff for their loyal co-operation and also to visitors for their interest in the welfare of the institution.

PORIRUA MENTAL HOSPITAL.

DR. HART reports :—

I have the honour to submit my report for the year ending 31st December, 1936.

The total number of cases under care during the year was 2,085, of whom 1,866 were committed patients, 209 voluntary boarders, and 10 sent to the hospital on remand.

Admissions numbered 419: 316 under certification, 94 as voluntary boarders, and 9 were admitted for observation. Of the cases admitted for observation, 6 were discharged at the expiration of the periods of remand.

During the year 70 voluntary boarders and 106 committed patients were discharged and an additional 89 patients were sufficiently improved mentally to be able to go on probation to the care of relatives or friends.

Deaths numbered 109, and 165 patients were transferred to other Mental Hospitals.

Apart from the care and treatment of cases resident and already enumerated, I have to refer to the Psychiatric Clinic and the Psychiatric Ward for Women at the Wellington Public Hospital: the inauguration of the latter being the first step made in this direction in New Zealand. By active co-operation between the Wellington Hospital Board and this Department a ward has been set apart for the observation and treatment of early cases of psychoses and psychoneuroses. The ward is staffed by trained mental nurses seconded for duty there from this mental hospital. It is not intended that the ward should become a subsidiary mental hospital, as all well-defined cases of psychoses will continue to be sent as early as possible to the mental hospital, which alone can fully provide the specialized experience and therapeutic resources necessary for the active and successful treatment of such cases. At the same time I believe, and statistics will support my opinion, that successful early treatment can be provided in such a ward for mild cases of psychoses and psychoneuroses. Rest in such a ward, psychotherapy, temporary alleviation, and later adjustments of environmental and domestic stress have enabled certain cases to become once again socially adapted members of the community. I feel confident that treatment in the Psychiatric Ward has, in certain cases, prevented in the individual an extension of mental and nervous symptoms, and it is reasonable to believe that in several cases admission to a mental hospital has been avoided. The Hospital Almoner and the Social Worker of the Mental Hospital Department have been associated with the work of the ward in assisting in the rehabilitation into the community of the cases we have been able to discharge. The Psychiatric Ward has only been in operation since June last (a period of six months) and some 47 women have been under treatment, of which number 31 were discharged and 16 admitted to the mental hospital (7 as voluntary boarders and 9 under certification). The fact that all cases exhibited some mental and nervous symptoms and that it was possible to discharge 31 of 47 cases I think in itself more than justifies the existence of such a ward. A similar ward for men is under consideration and should prove an equally useful unit. The bi-weekly Out-patient Clinic at the Wellington Public Hospital continues as formerly, visits totalling 567, of which number 136 were new cases. In May of this year a monthly Out-patient Clinic was inaugurated at the Palmerston North Hospital, and 49 cases were referred for advice and treatment. The numbers and sources of reference of new extra mural cases dealt with during the year are as follows :—

Psychiatric Clinic	..	..	..	..	..	..	136
In-patients Wellington Public Hospital	..	..	..	..	..	..	118
Palmerston North Hospital Clinic	..	..	..	..	..	..	49
Prisons Department	..	..	..	..	..	..	21
Total new cases	..	..	..	..	..	..	324

The transfer of 165 patients during the year to Kingseat and Nelson Mental Hospitals has reduced the overcrowding, which on scheduled accommodation still exists to the extent of 143 males and 56 females.

Owing to the reduced hours of work and the resultant increase in nursing staff the staff accommodation is now inadequate, and additional accommodation for nurses will have to be provided for.

As an addition to other avenues of occupational therapy an instructor in cane-work and coir-mat making has been appointed. Classes only commenced some weeks ago and it is too early to look for results, but it is anticipated that this work and work in the allied "simple crafts" will prove of value both therapeutically and in the production of useful articles.

The artisan staff in all its branches has been fully occupied on general maintenance-work and, in addition to contract work, three staff and a party of patients have been constantly employed at interior painting and renovations. Under this heading the complete interior painting of Wards M. 3, M. 5, M. 6, F, and D was carried out during the year, whilst portion of M. 7, E, Rautā, office block, certain staff residences, &c., were painted and renovated.

Alterations and additions to existing buildings carried out during the year have been as follows :—

The erection of a new dairy and alterations to the male bathroom in the main building, with the erection of a dressing-room. The provision and equipment of a kitchenette for Male 1, and the extension of the building with the provision of extra bathing accommodation at Valima. Additional wash-hand basins were installed in E ward, and bathroom and lavatory additions in Male 5, lavatory and urinal additions in Male 3, and improvements to the ventilation in the corridors of the main building. Extensions were made of the hot-water service to the wash-hand basins in the villas Kaumatua, Weymouth, Somerset, Montrose, and Nairn. The malthoid roofing of the poultry-house was replaced by corrugated iron, and fairly extensive repairs carried out to the slate roofs of the main building. Of new equipment a new Ideal boiler was installed at the lower buildings, and plate-warmers provided for the main dining-hall, M. 1 and M. 6.

The following works were commenced during the year and are at present progressing :—

New store block, extensions of hot-water service in Male Wards 5, 7, and 8, reroofing of wards Male 4 and B, and the removal of towers which have become structurally unsafe. Under contract the complete painting of five villas, roofs of lower buildings, and the wards Valima and Tiro-Moana is now progressing.

It is hoped that as soon as possible the new boiler-house and kitchen for the main building will be commenced so as to overcome at as early a date as possible the cooking, laundry, and central heating difficulties existing at present in that portion of the hospital. I still believe that when arrears in patient accommodation throughout our hospitals have been overcome that the now desirable provision of a modern laboratory at Porirua will then become very definitely a justifiable and necessary expenditure.

There is at present unsatisfactory and inadequate accommodation for a portion of the medical staff, and an additional residence for a married assistant medical officer is required. The office accommodation for assistant medical officers and clerical staff is hopelessly inadequate, and it is desired that monetary provision be made in the current year for a reconstruction of the administrative block, which will be made possible when the new store is completed.

Activities on the farm, in the orchard, and gardens have continued as formerly. The fact that too great a proportion of our acreage consists of sheep country means that there is insufficient area for herd pasturage. Due to the good grass season milk returns were higher than the previous year, but during certain months of the year we had to purchase milk from an outside source.

Patients' recreations were well provided for in the way of golf, tennis, bowls, concerts, fortnightly dances, weekly cinema, and picnics to the beach. The library activities have been extended, and we are very grateful to Mr. Hooker for his continued interest in this phase of patients' recreation. I am indebted to many individuals and societies for their donations of goods and money towards patients' recreation, and, although it would be impossible to name all, I desire particularly to thank the Rev. Mr. Harding, Mrs. Heard, Mrs. Gordon Glassford, concert parties, the Commercial Travellers Association, the Women's National Reserve, Women's Service Guild, Women's Institute, and the Women's Division of the Farmers' Union. The various Ministers of religion have held their services at the hospital at regular intervals.

The hospital was honoured by a visit from the Governor-General on 15th May, 1936.

I regret to have to record the sudden deaths of Dr. Lang and charge attendant Stewart, which occurred during the year. Both were efficient and conscientious officers, and their deaths were deeply regretted by all members of the staff.

Drs. Hunter and Marshall were transferred to Kingseat and Waitati respectively, and replaced by Drs. Lewis and Bowell.

In conclusion, I must thank all members of the staff for their assistance 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, 1936.

During the year 936 persons were under care, of whom 34 were voluntary boarders.

The admissions totalled 212, of whom 154 were transferred from other mental hospitals.

Twelve patients were discharged, 9 were transferred to other institutions, and 35 died.

Twenty-four patients were admitted under section 8 of the Mental Defectives Amendment Act, 1928.

Eleven voluntary boarders were admitted and 16 were discharged "recovered," while the mental state of 4 necessitated certification.

It is interesting to note that of the 846 patients resident at the end of the year, 649 were born in New Zealand. This preponderance is, of course, largely due to the fact that the old Nelson Mental Hospital is now reserved for the reception of cases suffering from congenital mental defectiveness.

Speaking more generally, the year has been in some degree an eventful one, though, on the whole, pleasantly so.

Firstly, three new female villas have been opened and occupied by patients transferred from Sunnyside and Porirua. To me, who knew many of these previously, and undoubtedly also to others, it has been a tribute to the villa system generally to have noted the altered and happier outlook and consequent more rational conduct of even the most difficult patients since their transfer to surroundings where conditions are so much less irksome and where restraint is practically non-existent.

The staff too have benefited by a radically reduced working-week, and without doubt this improved state of affairs will be reflected in the greater well-being of the patients, notwithstanding perhaps that the continuity of care and the consequent knowledge and understanding of the individual patient is not so complete as formerly.

As for myself, I had the opportunity of attending a Superintendents' Conference in Wellington. This enabled me, and no doubt the others attending, to gain a fuller understanding of mental hospitals affairs generally, and it is an innovation I consider which might with continued benefit be repeated at intervals.

Maintenance-work has gone on as usual, as have also the various activities associated with the farm and gardens and in opening up new areas generally. In the latter respects we have been handicapped considerably by a paucity of good and able workers, but progress has been very satisfactory in the circumstances.

Farm receipts have continued to show a pleasing buoyancy.

A good deal of road-work has been done, and tenders have been called for colfixing the main road. A destructor has been erected and is now in operation. Coal and coke bunkers have also been erected, as has also a cool store.

Improvements have been made to the swimming-baths, and two new tennis-courts have been laid down. Repairs and painting of the farm buildings at Ngawhatu are under way. A number of other minor works have also been completed, perhaps the most noteworthy of these being the efforts of the "painting" party.

The patients have been reasonably 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 money and goods.

Miss Cooksey and party have been particularly good in providing outings for the children. The Sunshine Fund organized by Mrs. Seantlebury for provision also of picnics for the children has been very successful and the results 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 1936.

At the commencement of the year the patients on the register numbered 418. The admissions proper were 18, while 3 male and 52 female patients were received on transfer.

The discharges numbered 15, transfers to other hospitals 3, and deaths 15.

The total number under treatment was 491, and the number remaining on the register at the end of the year 458.

There were 3 voluntary boarders on the register at the beginning of the year, and during the year 5 were admitted and 6 discharged.

The health of the patients generally has been good, the majority of the deaths occurring amongst the senile patients.

A new modern villa accommodating 50 female patients was opened and occupied in December. This villa is an open one, and is occupied mostly by patients transferred from Seacliff.

A modern residence is in the course of erection for the Chief Clerk, and should be finished shortly.

Aorangi and Sefton wards are at present being remodelled, and when finished will be used as an open villa for the better type of elderly patient.

The laundry has been enlarged, a new verandah added to Wio Villa, and necessary repairs effected to Moana ward and to the Superintendent's cottage.

The usual routine of farming operations has been carried out, 9 acres of swamp land have been cleared, drained, and left fallow, while 14 acres left fallow last year have been sown in grass. A commencement has also been made to put in a deep drain running the full length of the west boundary fence.

The grounds around the new villa "Weka" are in the process of being drained and levelled, preparatory to lawns and gardens being laid down.

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

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

The usual games and recreations have been carried out, and the playing-field has been improved.

The Hokitika Band has again been very generous in its visits to the hospital, and has supplied music for a number of dances.

Thanks are also due to those who have provided entertainments during the year, these being invariably of a high standard.

Thanks are also due to those who made gifts to the hospital during the Christmas Season.

The clergy have made frequent visits, and I would also thank the Official Visitor for his co-operation.

I wish 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, 1936.

On the 1st January, 1936, there were 1,411 patients on the register. During the year 232 patients were admitted, 96 were discharged, and 112 were transferred to other institutions. The total number under care during the year was 1,643.

In addition, 116 voluntary boarders (59 men and 57 women) received treatment during the year, 55 being still in residence.

The health of the patients has been very good ; there were 69 deaths, the chief cause being senile decay.

Professor Hercus and the staff of the Bacteriological Department have given valued assistance in research work, more particularly with reference to general paralysis and to goitre. There were again only two deaths associated with general paralysis.

In 1930 a complete survey of the number of goitres was made, and the figures were as follows :—

Females	..	..	..	214, goitres out of 468 patients, 45·7 per cent.
Males	..	..	..	122, goitres out of 391 patients, 31·2 per cent.

In November, 1936, a further survey was made, and 93 males and 128 females were found to have goitre, the female percentage being 27 per cent. and the male 17·6 per cent. This reduction is due to the use of iodized salt for all purposes. It can definitely be said that none of our patients have developed goitre since the use of iodized salt. It is interesting to note that when the first survey was made, the largest percentage of goitres was in the chronic wards, but the reverse is now the case.

Two villas are almost ready for occupation at Jenkin's Farm, Templeton ; the workshop block is completed, and several lads are being taught useful trades there.

The water-supply at Templeton is not working as satisfactorily as was expected, and it may be necessary to build storage tanks as has been done at Sunnyside.

The alterations and extensions to the female dining-room at Sunnyside have been completed and have added materially to the comfort of the patients. Other works of importance completed during the year have been the erection of a vegetable-house and alterations to the kitchen yards. A new bakehouse is well under way.

We have had a very successful year on the farm, and the prospects for the harvest are very good.

Many concerts and dance parties have visited the institution and have been a source of enjoyment to the patients. I have to thank them and the companies who provided the picture programmes weekly throughout the year.

Mr. Acland, District Inspector, and the Official visitors—Mrs. Williams and Mr. Hanna—have regularly visited the institutions and have taken a keen interest in the welfare of the patients.

The transfer of Dr. Lewis to Porirua was a distinct loss both to Sunnyside and Templeton. I have to thank him for his valued help during the past few years, and also Drs. Bellringer and Couston for their assistance. As we are short of a medical officer, much extra work has been placed upon them.

I have to thank Mr. Thomas and the office staff, the matrons, head attendants, and other heads of departments for their very efficient service, and the staff as a whole for the way the work of the institution 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, 1936.

The total number of patients under care during the year was 1,382. There were 146 admissions, of which 127 were first admissions, 14 readmissions, and five transfers. Discharges numbered 55, of which 32 were recovered.

Voluntary boarders under care were 60 in number, of whom 29 were admitted during the year ; 21 were discharged and 8 committed.

Deaths were 87, the principal causes being senile decay and heart-disease.

At the beginning of the year there were 1,236 patients and 31 boarders, while at the end there were 1,184 patients and 30 boarders. The reduction in population of 53 was due to the transfer of 51 patients (female) to Hokitika in December. This reduction in the female population has rendered the overcrowding in that division negligible (6), but the male side is still seriously overcrowded (148). The proposed additions to Clifton House should help both the overcrowding and classification problems, and I regret that to date it has not been started.

During the year the following more important public works have been completed. The new male shower-bath room is in operation. A new dining-room has been added to D. ward, and this is a welcome addition, as the degraded type of patient had hitherto to use the main dining hall. The female cottage was improved by enlarging the dormitory and reconstructing the lavatory accommodation. The evacuated female wing (F. 1) was demolished and the building closed to conform with the original design. It will be a matter for consideration later to evacuate the remaining female wing (F. 2 and F. 3). The morgue was renovated and suitably equipped. In addition, renovation has been carried out in many parts of the institution and general painting maintained. A new entrance-gate and drive has been constructed to permit of the proposed enlargement to Clifton House, and is also an improvement upon the former one.

The farm has progressed and there has been a decided improvement in our dairy herds with increase of milk-production. A new egg-store has been built at the poultry-farm and should improve our conditions for preserving. A start has been made on tree-planting from our own seed.

In September the shorter hours for the nursing staff led to an increase in our establishment of 26 nurses and 27 attendants. The increase in the effective staff available through the newly created special shift has already resulted in improvement in conditions. A considerable number of patients of both sexes now are able to sit up until 10 p.m. The benefit resulting from this is already reflected in better sleeping in the dormitories concerned.

The Dunedin Clinic dealt with 158 new cases during the year, in the earlier part of which I was appointed to the honorary staff of the Dunedin Hospital. The details concerning these cases are as follows :—

<i>Diagnosis.</i>							
Senile dementia	23	Childish psychiatry	6				
Congenital mental defect ..	17	War neuroses	5				
Anxiety states	16	Epilepsy	4				
Hysteria	16	Reactive depression	3				
Alcoholism	11	Post-traumatic states	2				
Schizophrenia	11	Obsessional states	2				
Involucional melancholia ..	9	Neurasthenia	1				
Paranoid states	9	Secondary dementia	1				
Manic-depressive insanity ..	7	General paralysis of the insane ..	1				
Toxic-exhaustive states ..	6	Constitutional emotional instability	1				
Organic dementia and cerebral arterio-	6	Normal	1				
sclerosis		Total	158				
<i>Source.</i>				<i>Disposal.</i>			
Hospital wards	69	Discharged recovered	8				
Practitioners	61	Discharged relieved	28				
Child Welfare Department ..	10	Discharged unrecovered	10				
Spontaneous	10	Left against advice	3				
Pensions Department	6	Voluntary boarders	11				
Magistrates' Court	1	Committed	34				
School Medical Officer	1	Advice or report supplied	47				
				Referred to other hospitals or in-			
				stitutions	8		
				Died	3		
				Under treatment at end of year ..	6		
158				158			

The clinic at Invercargill has been conducted by Dr. Brown, who reports 28 new cases, of whom 15 were at the Southland Hospital and 6 referred by practitioners, 2 each by the Pensions Department, Child Welfare Department, and parents; one spontaneous case. With regard to disposal, 5 were committed and 2 voluntary boarders.

We have been particularly fortunate this year in the interest taken in the patients by various Dunedin organizations. The Patients and Prisoners Aid Society has maintained its constant activities in promoting the patients' recreation and conducting religious services. The services of the society's agent and chaplain, Mr. A. Stevens, have been much appreciated, and towards the end of the year he conducted an appeal for the installation of radios in the seven remaining wards which were not so equipped. His appeal was immediately successful, and our thanks are due both to the society and the subscribers. The Dunedin Branch of the Women's National Council now visit the hospital and take an active part in the recreation and occupation of the female patients. They have been teaching handicrafts, &c., and also bring many useful gifts, as well as taking a personal interest in many cases. Miss Miller, the vocational instructress to the Red Cross Society, commenced teaching handicrafts to several of the returned soldiers, and has extended her work to other cases interested in her activities and likely to benefit by them. We are indebted to her and to the Rev. Brian King for initiating this work.

Several concert parties have come out and entertained the patients, and I extend my thanks to them. The Royal Male Choir and Justices of the Peace Association have been chiefly responsible for these parties. We have also to thank the Returned Soldiers' Association for their continued interests in returned-soldier patients, and their numerous gifts to them, particularly at Christmas-time.

In March Mr. F. G. Cummings retired from the position of Patients' Friend after over thirty years association with the hospital in his capacity as agent and chaplain to the Patients and Prisoners Aid Society. At a suitable meeting a presentation was made to him expressing our deep regret at his retirement and appreciating the valuable years of assistance he rendered both patients and hospital.

I have to thank the visiting clergy for conducting services, and Mr. J. Loudon, Official Visitor, for his services.

At the beginning of the year Dr. McLachlan commenced duties, as also did Mr. Thomas in place of Mr. Riordan, who was transferred to Porirua. During the year Dr. Bowell was transferred to Porirua Mental Hospital, Dr. Marshall coming to Waitati.

To my colleagues and to the staff generally I wish to tender my thanks for loyal support and work done throughout the year.

STATISTICAL.

The patients on the register at the end of the year numbered 7,860 (m. 4,357, f. 3,503), or 173 (m. 75, f. 98) more than at the beginning; and the daily average under treatment during the year was 7,288 (m. 4,093, f. 3,195), or 174 (m. 90, f. 84) more than in the previous year; while the total under care was 8,796. Patients belonging to the Native race numbered 141 (m. 82, f. 59) at the end of the year.

The admissions numbered 1,109 (m. 553, f. 556), or 40 more than in the previous year. Of these, 161 had been previously under care, making the proportion of readmissions 14·52 per cent., and 948 patients were admitted for the first time.

The ratio to population of all admissions (exclusive of Maoris) was 7·07 (m. 7·34, f. 7·20) to 10,000, and of first admissions 6·17 (m. 6·19, f. 6·14), so that 1,388 persons in the general population contributed one patient, and 1,620 contributed a patient admitted for the first time.

The discharges (excluding transfers) numbered 471, or 91 more than in 1935. 201 (or 74 more) harmless unrecovered persons were returned to the care of friends; and 270 (m. 121, f. 149) recovered —17 more than last year—representing a percentage of 24·34 (m. 21·88, f. 26·80) on the total admitted. With voluntary boarders added the percentage rises to 27·34. Altogether, 50·92 per cent. of the inmates admitted were able to leave institutional care.

Of a total of 8,796 patients under care, 465 (m. 252, f. 213) died, or 6·38 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, 18·71; diseases of the brain and nervous system group, 23·01; heart-disease, 19·57; tuberculosis, 6·45.

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 assignment causations in the table referred to are grouped and shown in their relative proportions:—

						Males.	Females.	Total.
Heredity	..	..	..	..	..	8·68	6·83	7·76
Congenital	..	..	..	..	..	19·89	12·41	16·14
Predisposed by previous attack	..	..	..	..	..	12·12	18·70	15·42
Critical periods	..	..	..	..	..	6·87	14·21	10·55
Child-bearing (puerperal, non-septic, and lactation)	..	..	..	..	..	..	1·99	0·99
Mental stress	..	..	..	..	..	18·44	20·32	19·39
Toxic, including—								
Syphilis	..	..	..	4·88	1·44	9·95	3·06	6·49
Alcohol	..	..	..	3·61	0·72			
Traumatic	..	..	..	..	..	0·54	..	0·27
Disorder of nervous system, including—								
Epilepsy	..	..	..	2·89	2·52	5·06	3·78	4·42
Other bodily affections	..	..	..	..	..	8·50	6·65	7·57
Senility	..	..	..	..	..	9·95	12·05	11·00
						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	32	85	165	141	306	11	14	25	5	4	9	121	107	228	198	157	355
1934	132	90	221	56	33	89	188	123	311	7	11	18	10	6	16	152	99	251	217	164	381
1935	130	87	217	40	55	95	170	142	312	18	20	38	19	10	29	151	116	267	199	160	359
1936	98	99	197	62	44	106	160	143	303	21	20	41	7	10	17	137	111	248	194	162	356

It will be noted that there were 303 voluntary admissions in the year under review, that 248 were discharged, and that 41 boarders, representing 13·53 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 4·72 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 1936 was 360.

MENTAL NURSES.

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

Passed top for Dominion : M. C. McRae (Te Awamutu).

Auckland : Nurses—I. Carter,* O. B. Erlandson, A. D. King, M. E. Noble, E. A. Norris, B. G. Mackie, M. W. MacKay.

Papakura : Nurses—K. L. Clotworthy, V. Norton.

Te Awamutu : Attendants—J. G. Casey, E. F. Condon, D. Graham, H. F. McAlpine,* J. K. Mills, L. G. Norton,* K. J. P. Quinlan, A. R. Theobald. Nurses—I. E. Bradley, I. G. Dowman, M. C. McRae,* J. A. Tylee.

Porirua : Attendants—W. R. Briggs, P. Philip, G. H. Stanbridge, W. S. Thomas, G. Todd. Nurses—M. M. E. Browne, R. A. Connor, M. A. McDonald, R. Morgan.

Nelson : Attendants—F. Rogers. Nurses—C. F. Hall, I. M. Hermansen, C. M. MacMillan, C. F. MacRae,* A. J. McMillan,* S. E. Thorn, P. B. Wilkinson.

Hokitika : Attendants—J. P. Atkinson, L. F. C. Fleming, W. L. Morresy. Nurses—M. E. C. Hanrahan.

Christchurch : Attendants—P. A. Hart, R. J. Masters. Nurses—M. H. Clarke, M. F. Dowling, R. C. Jarvis,* E. M. Logan,* J. C. McInroe, E. D. L. H. McKay, M. A. McMahon, E. M. Walker, F. L. Wallis,* M. E. Wylie. Institution Officers, Templeton Farm—I. E. W. Belcher,* E. M. Hughes, C. M. Kennedy, H. J. Stalker.

Seacliff : Nurses—L. I. Annan, V. Cain, H. M. Cronin, M. E. Pett, T. E. Smith, M. J. E. Strachan, E. M. Whitehead.

* Passed with distinction.

APPENDIX.

TABLE I.—SHOWING THE ADMISSIONS, READMISSIONS, DISCHARGES, AND DEATHS IN MENTAL HOSPITALS DURING THE YEAR 1936.

	M.	F.	T.	M.	F.	T.
In mental hospitals, 1st January, 1936	..	..	..	4,282	3,405	7,687
Admitted for the first time	483	465	948	}	553	556
Readmitted	70	91	161			
Total under care during the year	..	..	..	4,835	3,961	8,796
Discharged and died—						
Recovered	121	149	270			
Not recovered	105	96	201			
Died	252	213	465			
(Not including transfers—Males, 107 ; females, 324.)				478	458	936
Remaining in mental hospitals, 31st December, 1936 ..	..	..	..	4,357	3,503	7,860
Increase over 31st December, 1935	..	..	..	75	98	173
Average number resident during the year	..	..	..	4,093	3,195	7,288

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 1936.

Mental Hospitals.	In Mental Hospitals on 1st January, 1936.			Admissions in 1936.									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	702	587	1,289	113	129	242	19	21	40	15	6	21	849	743	1,592
Kingseat	248	197	445	..	..	..	1	1	2	62	101	163	311	299	610
Tokanui	329	283	612	34	33	67	5	4	9	1	3	4	369	323	692
Porirua	870	680	1,550	128	118	246	23	35	58	8	4	12	1,029	837	1,866
Nelson	484	206	690	26	29	55	2	2	4	5	150	155	517	387	904
Hokitika	228	190	418	7	6	13	2	3	5	3	52	55	240	251	491
Christchurch	711	700	1,411	110	79	189	13	14	27	8	8	16	842	801	1,643
Seacliff	697	539	1,236	62	65	127	5	9	14	5	0	5	769	613	1,382
Ashburn Hall (private mental hospital)	13	23	36	3	6	9	0	2	2	..	..	..	16	31	47
Totals	4,282	3,405	7,687	483	465	948	70	91	161	107	324	431	4,942	4,285	9,227

Mental Hospitals.	Patients discharged, transferred, and died.												In Mental Hospitals on 31st December, 1936.					
	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	32	32	64	29	32	61	17	57	74	50	63	113	128	184	312	721	559	1,280
Kingseat	2	0	2	3	5	8	3	3	6	6	5	11	14	13	27	297	286	583
Tokanui	16	12	28	12	8	20	4	0	4	10	19	29	42	39	81	327	284	611
Porirua	32	39	71	24	11	35	61	104	165	73	31	104	190	185	375	839	652	1,491
Nelson	4	4	8	4	0	4	6	5	11	21	14	35	35	23	58	482	364	846
Hokitika	5	6	11	3	1	4	2	1	3	9	6	15	19	14	33	221	237	458
Christchurch	21	31	52	19	25	44	10	102	112	40	29	69	90	187	277	752	614	1,366
Seacliff	8	24	32	11	12	23	4	52	56	42	45	87	65	133	198	704	480	1,184
Ashburn Hall (private mental hospital)	1	1	2	0	2	2	..	..	..	1	1	2	2	4	6	14	27	41
Totals	121	149	270	105	96	201	107	324	431	252	213	465	585	782	1,367	4,357	3,503	7,860

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	649	536	1,185	24·24	21·33	22·70	7·70	11·75	9·54
Kingseat	243	200	443	..	..	..	2·47	2·50	2·48
Tokanui	307	260	567	41·03	32·43	36·84	3·26	7·31	5·11
Porirua	835	652	1,487	21·19	25·49	23·35	8·74	4·75	6·99
Nelson	464	241	705	14·28	12·90	13·56	4·53	5·81	4·96
Hokitika	220	187	407	55·55	66·66	61·11	4·09	3·21	3·69
Christchurch	674	588	1,262	17·07	33·33	24·07	5·93	4·93	5·47
Seacliff	687	507	1,194	11·94	32·43	22·69	6·11	8·88	7·29
Ashburn Hall (private mental hospital)	14	24	38	33·33	12·50	18·18	7·14	4·17	5·26
Totals	4,093	3,195	7,288	21·88	26·80	24·34	6·15	6·66	6·38

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.	M.	F.	T.
England and Wales	115	76	191	53	50	103	52	38	90	140	88	228	49	34	83	29	18	47	60	57	117	63	32	95	4	1	5	565	394	959
Scotland	23	13	36	12	6	18	15	8	23	35	18	53	23	12	35	5	7	12	24	16	40	43	30	73	3	2	5	183	112	295
Ireland	24	17	41	17	19	36	20	15	35	35	22	57	15	7	22	16	11	27	22	19	41	26	22	48	1	0	1	176	132	308
New Zealand	427	375	802	141	158	299	193	187	380	525	466	991	354	285	639	131	153	284	628	499	1,127	526	368	894	5	22	27	2,930	2,513	5,443
Australian States	33	23	56	16	12	28	10	15	25	32	16	48	7	8	15	15	8	23	9	15	24	17	17	34	1	2	3	140	116	256
France	0	1	1	0	0	1	1	0	1	1	0	1	1	1	2	1	0	1	1	1	2	4	0	4	0	0	0	1	1	2
Germany	1	0	1	2	0	2	3	1	4	1	5	6	1	1	2	1	0	1	1	1	2	4	0	4	0	0	0	14	8	22
Austria	14	1	15	7	0	7	3	0	3	1	1	1	2	0	2	1	0	1	1	1	0	1	0	1	0	0	0	27	1	28
Norway	1	0	1	4	0	4	2	0	2	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	9	1	10
Sweden	1	0	1	1	1	2	0	1	1	2	0	2	1	0	1	1	0	1	1	0	1	2	0	2	0	0	0	8	3	11
Denmark	1	0	1	1	0	1	2	1	3	3	2	5	3	0	3	1	0	1	1	0	1	1	0	1	1	0	0	12	3	15
Italy	2	0	2	0	1	1	1	0	1	2	0	2	0	1	1	4	0	4	1	1	1	1	0	1	0	0	0	9	2	11
China	5	1	6	1	0	1	1	0	1	4	1	5	1	2	10	1	1	2	3	1	4	1	0	1	0	0	0	12	2	14
Maoris	15	20	35	5	0	5	13	13	26	37	22	59	8	2	10	1	1	2	3	1	4	0	0	1	0	0	0	82	59	141
Other countries	35	18	53	16	9	25	11	5	16	22	11	33	7	2	9	4	0	4	4	6	10	6	4	10	0	0	0	105	55	160
Unknown	25	14	39	21	29	50	..	..	..	..	..	..	12	12	24	12	39	51	..	..	..	14	7	21	..	..	..	84	101	185
Totals	721	559	1,280	297	286	583	327	284	611	839	652	1,491	482	364	846	221	237	458	752	614	1,366	704	480	1,184	14	27	41	4,357	3,503	7,860

TABLE IV.—AGES OF PATIENTS ON 31ST DECEMBER, 1936.

Ages.	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.	M.	F.	T.			
From 1 to 5 years	..	..	8	..	..	2	..	..	12	10	3	13	..	..	1	..	..	9	4	13	3	0	3	..	..	22	7	29	..	..	22	7	
" 5 " 10 "	..	5	14	0	2	8	6	9	15	22	12	34	0	1	1	1	1	35	19	54	5	1	6	67	50	117	..	..	67	50	117		
" 10 " 15 "	..	25	41	8	7	15	25	20	45	57	35	92	1	1	2	2	2	88	41	129	12	4	16	168	73	241	..	..	168	73	241		
" 15 " 20 "	..	97	65	50	46	31	127	90	217	94	46	140	20	18	38	114	106	220	97	72	169	21	10	31	239	161	400	..	..	239	161	400	
" 20 " 30 "	..	150	100	36	44	80	157	118	275	45	56	101	30	22	52	112	85	197	137	106	220	97	38	135	621	421	1,042	..	..	621	421	1,042	
" 30 " 40 "	..	150	139	67	57	124	172	163	335	47	64	111	29	52	81	108	77	185	124	101	225	97	58	195	721	533	1,254	..	..	721	533	1,254	
" 40 " 50 "	..	138	131	75	85	160	180	118	298	56	70	126	67	70	137	107	99	206	145	118	263	124	101	225	744	719	1,463	..	..	744	719	1,463	
" 50 " 60 "	..	75	64	64	48	112	119	70	189	58	45	103	50	46	96	52	64	116	99	80	179	3	3	6	845	761	1,606	..	..	845	761	1,606	
" 60 " 70 "	..	38	20	58	18	41	40	41	81	34	17	51	19	20	39	22	39	61	47	53	100	3	5	8	586	468	1,054	..	..	586	468	1,054	
" 70 " 80 "	..	9	4	13	3	7	12	9	21	4	5	9	2	1	3	7	8	15	12	13	25	1	3	5	245	227	472	..	..	245	227	472	
" 80 " 90 "	..	2	0	2	1	0	0	2	2	4	5	9	2	1	3	1	0	1	2	13	25	1	3	5	53	47	100	..	..	53	47	100	
Upwards of 90 "	..	..	..	..	..	..	1	0	1	9	1	10	3	4	7	..	..	..	0	3	3	..	..	..	6	3	9	..	..	6	3	9	
Unknown ..	..	23	12	35	2	10	12	3	5	2	..	..	..	..	..	..	..	..	..	..	..	0	3	3	..	..	..	..	..	40	33	73	
Totals	..	721	559	1,280	297	286	583	839	652	1,491	482	364	846	221	237	458	752	614	1,366	704	480	1,184	14	27	41	4,357	3,503	7,860	..	..	4,357	3,503	7,860

TABLE V.—LENGTH OF RESIDENCE OF PATIENTS DISCHARGED “RECOVERED” DURING 1936.

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	0	1	1				2	0	2	8	3	11	0	2	2				2	1	3
From 1 to 3 months	4	3	7				2	1	3	3	2	5				2	0	1	4	4	8	1	0	1	1	0	1	14	11	25
" 3 " 6 "	3	5	8				4	1	5	5	6	11				0	1	1	4	4	8	3	4	7				15	14	29
" 6 " 9 "	3	4	7				2	1	3	3	2	5				0	1	1	2	2	4	3	4	7				17	20	37
" 9 " 12 "	7	4	11				4	0	4	10	8	18				0	3	3	0	1	1	2	9	11				23	25	48
" 1 " 2 years	4	9	13				2	6	8	7	14	21	0	1	1	1	0	1	4	14	18	1	5	6				19	49	68
" 2 " 3 "	5	2	7			2	2	1	3	2	5	7				1	0	1	2	3	5	0	2	2				14	13	27
" 3 " 5 "	0	1	1				1	0	1	4	2	6	1	0	1	1	0	1	1	4	5			2				8	7	15
" 5 " 7 "	4	0	4				0	2	2	1	1	2	2	0	2	0	1	1				1	1	2				8	5	13
" 7 " 10 "	0	3	3				1	0	1																			1	3	4
" 10 " 12 "																														
" 12 " 15 "																														
" 15 " "																														
Over 15 years																														
Totals	32	32	64	2	0	2	16	12	28	32	39	71	4	4	8	5	6	11	21	31	52	8	24	32	1	1	2	121	149	270

TABLE VI.—CAUSES OF DEATH, 1936.

Causes.	Auckland.		Kingseat.		Tokanui.		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	1
Of lungs	4	3	1	0	2	2	2	0	0	2			2	2	5	0			16	9
Of intestines .. .							0	1											0	1
Of Bone	1	0																	1	0
Of Kidneys													1	0					1	0
Cancer	0	1	1	0	0	2	1	1	0	2			2	1	3	1			7	8
Toxæmia							1	2							1	0			2	2
Furunculosis	0	1																	0	1
Diabetes							1	0					1	0			1	0	3	0
Asthénia									2	0									2	0
Typhoid	0	1													0	3			0	4
Septic pharyngitis ..	0	1																	0	1
Pernicious anæmia ..			1	1			1	0					0	1					2	2
Pityriasis rubra .. .													1	0					1	0
Congenital syphilis ..															2	0			2	0
II. DISEASES OF THE NERVOUS SYSTEM.																				
Mania, exhaustion from ..					0	1			0	1			1	0					1	2
Melancholia, exhaustion from ..	0	2					2	0	0	1	0	1	2	0	0	1			4	5
Confusional insanity, exhaustion from ..							1	1							0	1			1	2
General paralysis of the insane ..	3	1			0	1	16	0	1	0			2	0	2	0			24	2
Epilepsy	3	0					3	2	3	1	0	1	4	1	3	5			16	10
Cerebral hæmorrhage .. .	0	2	3	1	0	1	8	1	2	1			0	3	0	3			13	12
Cerebral thrombosis .. .	0	11													1	1			1	12
Cerebral tumour													0	1					0	1
Meningitis					1	0													1	0
III. DISEASES OF THE RESPIRATORY SYSTEM.																				
Pneumonia	3	1			3	1	0	4	0	1			4	3			0	1	10	11
Broncho-pneumonia .. .	0	4	0	1	0	1	3	1	1	1					1	1			5	9
Pneumoconiosis	1	0																	1	0
Pulmonary: Embolism .. .	0	1											0	1					0	2
Bronchitis							0	1											0	1
IV. DISEASES OF THE CIRCULATORY SYSTEM.																				
Heart-disease	15	10	0	1	1	6	8	8	4	1	5	2	2	10	5	13			40	51
Arterio-sclerosis	3	2			0	1	4	0					4	0	5	1			16	4
Anæmia	0	2									1	0							1	2
Cononary thrombosis .. .							2	0											2	0
Aneurysm													1	0					1	0
V. DISEASES OF THE DIGESTIVE SYSTEM.																				
Intestinal obstruction .. .															1	0			1	0
Bacillary dysentery	5	8																	5	8
Cholecystitis	0	1																	0	1
Chronic colitis									1	1			0	1					1	2
Gastric ulcer											0	1							0	1
VI. DISEASES OF THE GENITO-URINARY SYSTEM.																				
Nephritis	1	0					2	0											3	0
Uraemia	1	0					1	0											2	0
VII. OLD AGE.																				
Senile decay	7	6			2	3	12	4	6	2	3	1	11	5	11	14			52	35
VIII. EXTERNAL CAUSES.																				
Asphyxia	0	1											1	0					1	1
Fracture of base of skull .. .							1	0											1	0
Fracture of spine							0	1											0	1
Suicide							0	3							1	0			1	3
DIED WHILE ON TRIAL .. .	3	3	0	1	1	0	4	1					1	0	1	1			10	6
Totals	50	63	6	5	10	19	73	31	21	14	9	6	40	29	42	45	1	1	252	213

TABLE VII.—PRINCIPAL ASSIGNED CAUSES OF INSANITY, 1936.

Causes.	Auckland.		Kingsseat.		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 ..	8	1	..	..	..	..	5	0	..	..	0	1	4	1	3	0	..	..	20	3
Arterio-sclerosis ..	9	9	..	..	..	..	17	3	..	..	..	..	3	1	2	5	0	1	31	19
Climacteric ..	0	10	..	..	0	6	0	2	..	..	..	..	0	8	0	4	..	..	0	30
Congenital ..	24	9	..	..	7	2	15	14	8	8	..	..	41	22	13	10	0	1	108	76
Constitutional ..	0	1	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	3
Drug Addiction ..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Encephalitis ..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0	..	..	2	0
Epilepsy ..	3	1	..	..	1	1	3	1	4	4	..	..	3	1	1	6	1	0	16	14
Heredity ..	8	16	..	..	3	1	4	4	4	4	2	0	17	9	9	2	1	2	48	38
Ill-health ..	2	5	..	..	3	0	6	12	..	..	1	0	3	0	1	1	..	..	16	18
Involution ..	9	19	..	..	0	1	0	4	2	5	..	..	2	0	1	0	..	..	14	29
Mental stress ..	24	27	..	..	12	11	42	49	5	2	1	3	16	10	2	10	0	1	102	113
Organic brain disease ..	0	3	..	..	3	2	6	0	0	1	..	..	1	1	..	..	..	..	10	7
Previous attack ..	19	21	1	1	4	4	26	43	0	1	4	3	5	11	8	17	0	3	67	104
Puberty or adolescence ..	0	2	..	..	1	1	2	6	4	2	1	0	8	7	8	2	..	..	24	20
Puerperal ..	0	2	..	..	0	3	0	4	0	1	..	..	0	1	..	..	..	..	0	11
Senility ..	14	17	..	..	4	5	12	8	1	2	0	1	9	19	15	15	..	..	55	67
Syphilis ..	9	4	..	..	1	0	10	0	0	1	..	..	5	1	1	2	1	0	27	8
Toxic ..	1	2	..	..	..	..	0	1	..	..	0	1	5	1	2	0	..	..	8	5
Traumatic ..	2	0	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	3	0
Transfers ..	15	6	62	101	1	3	8	4	5	150	3	52	8	8	5	0	..	..	107	324
Totals ..	147	156	63	102	40	40	159	157	33	181	12	61	131	101	72	74	3	8	660	880

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.			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.										
	Recovered.			Relieved.				Not Improved.			Died.		Remaining, 31st December in each Year.				Average Numbers resident.			Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Numbers resident.										
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.									
1875	221	117	338	129	79	208	17	8	25	2	8	10	36	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	4	5	42	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	8	51	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	695	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	28	9	4	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	61	5	2	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	30	10	9	65	18	83	892	483	1,375	860	475	1,335	40	00	46	98	42	75	7	55	3	78	6	21
1883	238	153	391	89	77	166	17	9	26	17	12	30	68	24	92	938	514	1,452	911	497	1,408	37	39	50	32	42	45	7	46	4	82	6	53
1884	246	133	379	95	76	171	10	5	15	25	2	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	19	76	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	51	27	10	1	74	27	101	1,053	643	1,696	1,034	613	1,647	40	39	48	75	43	61	7	15	4	40	6	13
1887	215	146	361	116	92	208	31	28	59	2	3	5	78	26	100	1,041	640	1,681	1,045	641	1,686	53	95	63	01	57	62	7	56	4	05	6	16
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	..	14	79	34	120	1,115	734	1,849	1,089	699	1,789	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	108	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	20	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	27	40	00	7	25	5	86	6	71
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	..	1	8	60	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	17	6	18	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	19	120	55	175	1,715	1,133	2,848	1,671	1,114	2,785	38	35	51	56	43	01	7	18	4	94	6	28
1902	355	226	581	144	101	245	26	24	50	..	2	2	129	44	173	1,771	1,188	2,959	1,741	1,160	2,901	40	56	44	69	42	17	7	41	3	79	5	96
1903	332	236	568	157	106	263	24	11	35	..	1	..	147	67	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	360	251	611	149	121	270	29	24	53	..	1	..	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	395	264	659	157	126	283	28	22	50	..	1	1	146	85	231	1,900	1,306	3,206	1,823	1,265	3,088	39	75	47	73	42	94	8	01	6	71	7	48
1906	359	241	600	160	139	299	22	13	35	..	..	..	168	64	232	1,909	1,331	3,240	1,851	1,285	3,136	44	29	57	68	49	84	9	08	4	98	7	39
1907	426	318	744	180	146	326	9	12	31	1	1	1	148	74	232	1,997	1,417	3,414	1,894	1,346	3,240	42	25	45	91	43	82	7	81	5	50	6	85
1908	419	297	716	179	170	349	17	11	28	1	..	1	136	68	204	2,083	1,465	3,548	1,970	1,404	3,374	42	72	57	24	48	74	6	90	4	84	6	90
1909	474	314	788	182	145	327	29	27	56	..	..	..	186	97	283	2,160	1,510	3,670	2,028	1,445	3,473	38	40	46	18	41	50	9	17	6	71	8	15
1910	448	317	765	163	168	331	23	16	39	4	2	6	198	105	303	2,220	1,536	3,756	2,105	1,496	3,601	36	38	53	00	43	27	9	41	7	02	8	41
1911	458	331	839	184	141	325	17	44	61	11	5	16	193	87	280	2,273	1,640	3,913	2,146	1,551	3,697	40	17	37	01	38	74	8	93	5	61	7	57
1912	466	318	784	175	162	337	35	48	53	1	5	9	196	111	307	2,332	1,632	3,964	2,252	1,597	3,849	37	55	50	94	42	98	8	70	6	96	7	98
1913	509	359	868	207	162	369	27	29	56	6	6	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
1914	450	361	811	202	157	359	26	32	58	10	11	21	172	112	284	2,448	1,752	4,200	2,391	1,703	4,094	44	89	43	21	44	88	7	19	6	58	6	94
1915	518	361	879	160	171	331	35	34	69	7	8	15	209	80	289	2,555	1,820	4,375	2,433	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	4,308	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	2,373	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	2,378	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	3,542	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	4,093	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
	23,044	17,443	40,487	8,119	7,057	15,176	2,278	2,027	4,305	..	..	..	8,772	5,110	13,882	..	..	..	..	..	..	..	..	..	..	..	..

Excluding transfers between institutions--2,583 males, 1,965 females.

TABLE IX.—SHOWING THE ADMISSIONS, DISCHARGES, AND DEATHS, FROM 1ST JANUARY, 1876, TO 31ST DECEMBER, 1936 (EXCLUDING TRANSFERS).

						M.	F.	T.
In hospitals, 31st December, 1875	..	..	..	..	..	482	254	736
Admissions	..	..	..	..	..	23,044	17,443	40,487
						23,526	17,697	41,223
Discharged—						M.	F.	T.
Recovered	..	..	..	..	..	8,119	7,057	15,176
Not recovered	..	..	..	..	..	2,278	2,027	4,305
Died	..	..	..	..	..	8,772	5,110	13,882
						19,169	14,194	33,363
Remaining on 31st December, 1936..	..	..	..	..	..	4,357	3,503	7,860

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

						Males.	Females.	Both Sexes.
Recovered	..	..	..	..	..	34·51	39·88	36·81
Not recovered	..	..	..	..	..	9·68	11·45	10·44
Died	..	..	..	..	..	37·29	28·88	33·68
Remaining	..	..	..	..	..	18·52	19·79	19·07
						100·00	100·00	100·00

TABLE XI.—DEBITS FOR THE FINANCIAL YEAR, 1936-37.

	Auckland.			Kingsseat.			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.
Salaries	47,606	18	8	12,800	16	1	27,097	5	0	61,521	19	6	29,017	17	4	18,734	7	1	54,533	14	7	59,616	8	1	9,143	12	3	320,072	18	7
Official Visitors ..	51	17	3	..	..	..	..	..	..	24	14	8	..	..	..	..	..	..	24	16	9	..	..	..	..	..	..	101	8	8
Advertising, books, &c. ..	12	12	5	..	..	..	..	..	..	16	0	6	..	..	..	..	..	..	13	14	0	..	..	..	..	..	..	114	8	7
Bacteriological research ..	68	14	0	0	5	0	1	1	0	3	13	0	..	..	..	..	..	..	0	8	0	..	..	..	..	..	..	74	1	0
Bedding and clothing ..	4,107	9	4	2,853	7	7	2,580	2	11	6,761	5	0	3,131	16	11	1,803	10	9	4,946	14	4	5,253	13	1	..	..	..	31,527	19	11
Buildings, including additions, &c. ..	854	14	2	70	17	0	487	13	2	648	19	8	158	12	10	161	15	6	812	16	1	1,236	16	4	..	..	..	4,432	4	9
Dental services ..	..	6	19	0	3	3	2	11	5	1	19	5	10	7	9	12	19	10	34	17	7	18	7	6	..	..	..	88	5	11
Farms ..	1,025	7	5	843	4	8	2,300	2	8	1,058	6	2	1,175	0	4	344	17	11	2,377	13	3	7,503	19	6	..	..	..	16,628	11	11
Fencing, draining, and roading ..	53	8	8	96	5	6	235	15	3	57	7	6	58	9	4	4	7	7	114	19	3	150	0	2	..	..	..	770	13	3
Freight, cartage, and transport ..	28	0	10	72	9	8	193	12	6	212	12	5	190	3	8	46	9	6	329	15	3	338	0	5	..	..	..	1,411	4	3
Fuel, light, water, &c. ..	6,169	6	3	1,557	16	8	3,249	18	10	6,629	18	11	4,172	9	3	1,408	12	0	6,665	16	8	5,602	19	2	..	..	..	35,499	2	4
Funeral expenses ..	..	11	5	..	..	..	64	15	0	77	15	0	21	17	6	16	0	0	41	5	0	129	19	0	..	..	..	467	16	6
Furniture and fittings ..	312	6	10	210	7	3	170	6	11	778	9	7	198	4	1	151	18	10	437	15	5	600	1	7	..	..	..	2,863	0	7
Gardens and shrubberies ..	58	1	7	70	18	4	12	18	10	38	5	8	43	4	1	23	7	7	158	6	4	37	16	6	..	..	..	442	18	11
Laundry ..	412	5	6	189	16	10	136	10	2	236	10	8	58	3	10	78	18	2	321	14	9	327	18	1	..	..	..	1,761	18	1
Legal and inquiry costs ..	..	..	..	..	..	..	..	..	..	10	10	0	..	..	..	..	..	..	..	..	..	5	5	0	..	..	..	15	15	0
Machinery repairs and stores ..	103	11	11	135	5	9	172	16	3	189	3	10	75	10	1	145	1	10	145	1	10	292	17	7	..	..	..	1,144	5	5
Medical fees ..	654	8	5	..	..	..	130	15	0	676	15	9	99	18	3	40	16	9	380	17	9	311	12	0	..	..	..	2,295	3	11
Motor-vehicles—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maintenance of ..	15	11	4	5	9	8	71	4	6	128	7	3	84	12	1	41	13	6	164	18	8	179	10	6	..	..	..	691	7	6
Purchase of ..	..	..	..	..	..	..	213	13	10	..	..	..	..	..	..	288	15	0	..	..	..	449	12	9	..	..	..	952	1	7
Nursing staff uniforms ..	206	9	11	70	0	4	132	7	2	335	12	9	82	1	6	151	9	3	316	4	1	493	4	10	..	..	..	1,787	9	10
Office equipment ..	1	8	7	0	18	0	4	5	0	4	11	7	3	18	6	2	17	2	6	13	0	2	1	7	..	..	..	46	1	3
Patients' expenses connected with—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gratuities ..	18	13	4	5	3	6	4	2	6	53	18	11	142	0	11	13	15	0	18	10	6	35	9	3	..	..	..	291	13	11
Friends ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	99	2	9
Recreation ..	893	7	4	412	16	0	615	8	8	1,188	13	0	609	9	4	471	4	3	817	17	1	812	10	9	..	..	..	5,821	6	5
Transfers ..	22	6	6	14	6	6	..	..	..	319	6	2	29	9	1	14	1	9	165	18	9	143	5	8	..	..	..	708	14	5
Postages, telegrams, &c. ..	89	4	5	35	5	2	50	9	10	138	6	2	31	3	6	22	1	0	93	5	0	122	13	7	..	..	..	752	12	5
Printing and stationery ..	220	0	4	63	18	4	92	7	8	262	7	0	116	1	11	76	9	1	254	4	5	161	14	11	..	..	..	1,342	18	7
Rations ..	13,759	3	3	6,258	9	2	5,042	7	4	16,937	8	2	8,452	19	10	5,106	3	5	13,080	19	8	9,695	2	1	..	..	..	78,332	12	11
Rents and rates ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,385	6	1
Stores ..	688	19	5	277	8	10	368	18	10	1,023	0	0	431	15	7	303	6	5	1,003	13	1	768	18	1	..	..	..	4,866	0	3
Surgery and dispensary, drugs, &c. ..	385	19	6	163	9	10	142	0	8	433	19	10	138	17	2	113	3	6	393	12	10	196	1	0	..	..	..	1,967	4	4
Telephone services ..	63	6	9	140	17	11	78	3	10	182	9	11	62	18	10	35	3	3	139	14	4	197	1	7	..	..	..	1,019	4	9
Transfer and removal expenses ..	109	8	10	74	11	4	72	12	9	159	10	1	4	9	1	17	16	4	62	0	11	153	10	3	..	..	..	658	11	1
Travelling-allowances ..	41	17	3	90	9	0	28	13	8	63	14	7	71	5	10	75	12	3	34	17	5	182	13	9	..	..	..	782	11	9
Travelling-expenses ..	109	3	7	34	6	3	39	2	11	66	0	4	35	0	1	20	12	6	116	16	3	141	14	2	..	..	..	731	7	1
Treatment in general hospitals —	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Patients ..	229	0	0	54	13	3	6	18	0	106	13	0	5	15	6	71	2	0	81	7	0	79	13	0	..	..	..	635	1	9
Staff ..	46	18	0	..	..	..	2	8	0	6	6	0	2	17	0	..	..	..	20	6	6	9	18	6	..	..	..	88	14	0
Contingencies and miscellaneous ..	50	4	10	..	..	..	84	6	5	109	15	11	1	12	6	0	12	6	1,110	8	4*	251	16	7*	..	..	..	3	6	9
Totals	78,593	10	7	26,610	10	11	43,890	14	9	100,464	7	11	48,731	13	3	29,783	11	7	89,898	16	9	95,628	13	8	10,708	18	1	524,310	17	6

* Includes compensation to widows of deceased officers Christchurch, £901 7s. 3d.; Seacliff, £61 9s. 3d.

TABLE XIA.—CREDITS FOR THE FINANCIAL YEAR, 1936-37.

	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 for maintenance	23,680 4 4	7,874 14 9	11,733 19 4	31,107 7 10	10,351 13 1	4,862 14 6	26,762 12 1	24,921 14 3	..	141,295 0 2
Receipts from farms	460 15 10	2,106 4 10	4,398 14 3	1,923 11 2	1,051 11 2	69 16 3	2,866 7 11	3,912 8 4	..	15,892 9 9
Miscellaneous	4,676 3 0	1,709 0 5	3,107 5 7	7,466 5 3	2,661 8 9	1,822 8 10	5,690 19 1	5,527 14 4	4 17 1	32,660 2 4
Totals	28,817 3 2	11,690 0 0	19,239 19 2	39,591 4 3	14,067 13 0	6,754 19 7	35,319 19 1	34,361 16 11	4 17 1	189,847 12 3

TABLE XII.—AVERAGE COST OF EACH PATIENT PER ANNUM.

	Average Number of 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.*	Repay-ments for Main-tenance.	Other Re-payments.	Net Cost per Patient.	Net Cost Previous Year.	Decrease in 1936-37.	Increase in 1936-37.
		£ 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.
Mental Hospital.																
Auckland	1,292	36 17 0	3 3 7	0 13 2	0 15 10	4 15 6	10 13 0	0 6 0	3 12 6	60 16 7	18 6 7	3 19 6	38 10 6	34 10 8	..	3 19 10
Kingseat	484	26 9 0	5 17 11	0 2 11	1 14 10	3 4 5	12 18 7	0 6 9	4 5 2	54 19 7	16 5 5	7 17 8	30 16 6	20 13 5	..	10 3 1
Tokanui	579	46 16 0	4 9 0	0 16 10	3 19 6	5 12 3	8 14 2	0 4 11	5 3 4	75 16 0	20 5 4	12 19 3	42 11 5	34 19 9	..	8 0 8
Porirua	1,589	38 14 4	4 5 1	0 8 2	0 13 5	4 3 5	10 13 2	0 5 6	4 1 5	63 4 6	19 11 5	5 6 9	38 6 4	33 19 10	..	4 6 6
Nelson	756	38 7 8	4 2 10	0 4 2	1 11 1	5 10 4	11 3 8	0 3 8	3 5 9	64 9 2	13 13 11	4 18 4	45 16 11	41 16 11	..	4 0 0
Hokitika	420	44 12 1	4 10 2	0 7 9	0 16 5	3 7 2	12 3 2	0 5 5	4 16 2	70 18 4	11 11 7	4 10 1	54 16 8	48 16 9	..	5 19 11
Christchurch	1,301	41 18 4	3 16 0	0 12 6	1 16 7	5 2 6	10 1 1	0 6 0	5 9 0	69 2 0	20 11 5	6 11 7	41 19 0	36 6 3	..	5 12 9
Seacliff	1,216	49 0 6	4 6 5	1 0 4	6 3 5	4 12 2	7 19 5	0 3 3	5 7 4	78 12 10	20 9 11	7 15 3	50 7 8	37 19 5	..	12 8 3
Head Office	..	1 3 11	..	..	..	0 0 1	..	..	0 4 0	1 8 0	..	..	1 8 0	1 6 6	..	0 1 6
Total average cost	7,637	41 18 2	4 2 7	0 11 7	2 3 7	4 13 0	10 5 2	0 5 2	4 13 10	68 13 1	18 10 0	6 7 2	43 15 11	37 3 3	..	6 12 8

* 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, 1937.

Mental Hospitals.		Net Expenditure for Year ended 31st March, 1937.
Auckland	..	£ 842
Christchurch (Sunnyside)	..	23,970
Hokitika	..	7,580
Nelson and Stoke	..	16,218
Porirua	..	6,510
Kingsseat	..	65,192
Seacliff	..	2,958
Tokanui	..	18,839
Waiteti	..	..
Total	..	142,109

TABLE XIV.—TOTAL EXPENDITURE OUT OF PUBLIC WORKS FUND FOR BUILDINGS AND EQUIPMENT AT EACH MENTAL HOSPITAL FROM 1ST JULY, 1877, TO 31ST MARCH, 1937.

Mental Hospitals.	1877-1927.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	1932-33.	1933-34.	1934-35.	1935-36.	1936-37.	Total Net Expenditure 1st July, 1877, to 31st March, 1937.
Auckland	£ 199,717	£ 12,213	£ 12,461	£ 2,279	£ 3,372	£ 621	£ 676	£ 155	£ 2,321	£ 307	£ 842	£ 234,964
Christchurch (Sunnyside)	..	10,164	7,777	35,291	23,993	4,650	7,960	3,481	23,489	12,397	23,970	367,283
Dunedin (The Camp)	..	..	..	..	..	..	..	..	..	..	..	4,891
Hokitika	..	141	401	3,064	14,764	8,381	3,107	8,753	5,629	2,739	7,580	100,067
Hornby	..	..	..	..	..	..	..	..	..	..	..	11,102
Motuhi Island	..	..	..	..	..	..	..	..	..	..	..	..
Napier	..	..	..	..	..	..	..	..	..	..	..	561
Nelson and Stoke	..	753	956	33,250	26,494	3,339	2,680	12,251	28,552	18,307	16,218	205,647
Puhatahi (Kingsseat)	..	..	..	..	16,130	16,433	10,278	35,438	29,784	21,973	65,192	195,228
Seacliff	..	9,408	27,132	34,609	8,914	3,065	414	6,618	4,888	1,453	2,958	315,106
Tokanui	..	2,124	19,887	32,405	27,787	7,164	2,918	6,295	3,797	12,682	18,839	258,482
Waiteti	..	..	853	2,170	9,557	936	516	..	..	..	..	32,321
Wellington	..	..	..	..	..	..	..	..	..	..	..	29,641
Wellington (Porirua)	..	16,315	27,315	9,028	3,129	1,349	207	29	170	..	6,510	353,039
Totals	..	51,118	96,782	152,096	134,140	45,938	28,756	73,020	98,630	69,858	142,109	2,108,479

Approximate Cost of Paper.—Preparation, not given; printing (581 copies), £37 10s.

Price 9d.]

By Authority: E. V. PAUL, Acting Government Printer, Wellington.—1937.

