

1902.
NEW ZEALAND.

RAILWAYS STATEMENT.

(2nd July, 1902.)

BY THE MINISTER FOR RAILWAYS, THE HON. SIR J. G. WARD, K.C.M.G.

MR. SPEAKER,—

In presenting the Railways Statement for the year ended the 31st March, 1902, I have pleasure in congratulating the House and the colony on the success which has attended the year's operations.

The earnings for the year have been £147,350 more than those of the preceding year, and are the highest yet reached by railways in this colony in any individual year.

The results may be summarised thus:—

	Year 1902.	Year 1901.
	£	£
Total earnings	1,874,586	1,727,236
Total expenditure	1,252,237	1,127,848
Net profit on working	622,349	599,388

Net increase over previous year, £22,961.

GENERAL.

The mileage of track open for traffic has increased from 2,212 miles at the 31st March, 1901, to 2,235 miles on the 31st March, 1902, and the capital cost from £17,207,328 in 1901 to £18,170,722.

The net revenue, £622,349, is equal to a return of 3·43 per cent. on the capital invested in the open lines, and of 3·19 per cent. for the total capital, £19,496,553, invested in opened and unopened lines.

The Kawakawa Section has again failed to pay its way, the earnings being £201 less than the working-expenses; but the Nelson Section, which showed a deficiency of £1,531 last year, has this year given a net return of £1,131, equal to 0·76 per cent. on the capital cost of opened lines.

The number of train miles run during the year was 5,066,360, being an increase of 445,389 miles over the previous year. This increased mileage has resulted from the continuation of the policy adopted last year of separating goods and passenger services, accelerating trains, and providing additional facilities for travel wherever the business warranted.

The permanent additions made to the time-tables during the past year amount to 161,079 miles, at a cost of £40,269. Each section of railway from Whangarei to Invercargill inclusive has participated in the improved services according to the requirements of its traffic. The running of daily mail-trains between Wellington and New Plymouth, and the shortening of the journey time by one hour, which was commenced on the 1st November last, has been highly appreciated by the travelling public. During the summer months steamers connected with these trains at New Plymouth daily, but will connect on four days of the week only for the remainder of the year. Concurrent with the improvement of the New Plymouth service, the Wellington-Napier mail-trains *via* Wairarapa line were accelerated, and the journey time shortened by half an hour, and, to meet the requirements of tourist traffic, a fast train was run between Invercargill and Kingston on two days of the week. The increased train services have been helpful in attaining greater punctuality, and the time kept by the principal trains during the year has been very satisfactory, the average late arrivals being:—

	Mins.	Mins.
For long-distance passenger trains	1·16 against	1·70 last year.
For suburban trains	0·55	0·90
For long-distance mixed trains	1·24	1·90

When it is remembered that the late running includes delays from all causes, the excellent time kept by the trains generally will be at once apparent.

The passenger traffic is assuming large proportions. The increase of 1,112,543, with concomitant increase of £72,646 in revenue, being a record.

Holiday excursion tickets maintain their popularity, the year's business under this head showing an increase of 55,273 passengers, and £33,880 9s. 4d. School and factory excursions show an increase of 6,934 passengers, and £232 0s. 1d. over the business for the previous year. School, factory, &c., and holiday excursion tickets were introduced by the Government in 1896, and have been a most pronounced success, as although the number of school children carried at school excursion rates has slightly fallen off since the first year, the holiday excursion traffic has grown rapidly, the number of passengers being nearly double, and the revenue two and half times greater than in 1896.

Workers' weekly tickets on suburban lines have again been largely availed of, the number issued during the year being 49,444.

With a view to increasing the comfort of passengers who travel on the southern lines during the winter months, 1,000 additional foot-warmers have been provided during the year for use in the various trains, as circumstances render necessary, and the requisite heating-furnaces are being built. The fitting of second-class cars with cushions is still being proceeded with as rapidly as possible; 102 cars have been so fitted during the year, making the total number of cars in use for which cushions are provided 305.

164 locomotives, 263 carriages, 65 brake-vans, and 1,747 wagons have now been fitted with the Westinghouse brake. The major portion of the vehicles so fitted are on the Wellington-Napier-New Plymouth Section, where the brakes are in daily use on all the principal trains, and give satisfaction. The equipment of the rolling-stock on the Auckland Section will be put in hand very shortly.

The additions made to the rolling-stock during the year consisted of 59 locomotives, 101 bogie cars, 27 bogie brake-vans, 52 bogie and 1,562 four-wheel wagons; 810 tarpaulins were also added to the stock. A total of 607 cars and brake-vans were equipped with Pintsch gas. The cost of making the gas for the year was 14·03 per cent. less than for the preceding year. The heavy traffic which has of late years had to be dealt with by our railways has necessitated the use of a rail of greater weight and strength than hitherto laid in the track, it has therefore been decided to adopt as the standard for all the principal lines a 70 lb. rail. During the year just ended 40½ miles of track were relaid with this class of metal.

The average number of men employed was 8,313, against 7,793 for the previous year.

During the year 145 members of the permanent staff resigned, 33 died, 52 were retired, 44 were dismissed, and 643 engaged.

Three appeals against decisions of the Department were heard by the Railway Appeal Boards during the year, two of which were allowed and one dismissed.

The sum of £2,240 has been paid as compensation and compassionate allowances to members retired from the service and the relatives of members deceased during the year.

Twelve members of the Second Division were promoted to the First Division during the year.

One caretaker has been placed in charge of a flag-station during the year, making the total number of caretakers now employed 102. During the year considerable progress has been made in the erection of fixed signals, interlocking of points and signals, fitting up train-tablet system of block working, and provision of additional telephone and telegraph facilities, with very satisfactory results.

REVENUE.

The gross revenue, £1,874,586, has exceeded the estimate by £114,586, and the net revenue, £622,349, exceeds that of the previous year by £22,961. These results are all the more satisfactory when considered in conjunction with the phenomenal increases that have taken place in the earnings of the lines during the last four years, and the large concessions made in passenger fares and freights, and additional facilities provided in the way of train services. The

receipts per train mile have decreased slightly, being 88·75 against 89·75 for the previous year.

Passengers (ordinary) show an increase of 1,112,543, for £72,646; season tickets, 17,857, for £3,397. Coaching traffic gave an increase of £6,849. Goods and live-stock traffic an increase of £58,880. Miscellaneous revenue an increase of £1,702; rents and commission an increase of £3,876. The total increase of revenue over the preceding year was £147,350.

EXPENDITURE.

The working expenditure was £1,252,237, an increase of £124,389 over the preceding year. The percentage of working-expenses to revenue was 66·80, an increase of 1·50 over the rate for the previous year. During the past six years the ratio of expenditure has steadily increased, as will be seen by the following table:—

1896-1897	...	...	61·35	1899-1900	...	...	64·80
1897-1898	...	...	62·30	1900-1901	...	...	65·30
1898-1899	...	...	63·26	1901-1902	...	...	66·80

The amounts chargeable to working-expenses on account of the various branches of the service, and the ratio of expenses to revenue, are shown by the following figures:—

	Expenditure.		Per Cent. of Revenue.	
	1900-1901.	1901-1902.	1900-1901.	1901-1902.
	£	£		
Traffic Branch	296,159	333,211	17·15	17·78
Locomotive	384,915	450,694	22·28	24·04
Maintenance	426,405	436,847	24·69	23·30
Management	51,590	56,756	2·99	3·03
	1,159,069	1,277,508	67·11	68·15
Less credit recoveries	31,221	25,271	1·81	1·35
	1,127,848	1,252,237	65·30	66·80
Net increase	...	124,389	...	1·50

The expenditure for maintenance of the line, buildings, and other structures has increased from £426,405 for the year 1900-1901 to £436,847 for 1901-1902, representing an average expenditure for maintenance of £196·17 per mile of railway open, a slight increase on last year's figures. The increase, as indicated in previous Statements, is due to increasing age of the lines, the necessity for employing heavier rolling-stock, and of accelerating speeds, and increasing weight of trains, conditions which render the efficient maintenance of the track an imperative necessity. Included in the working-expenses of the Maintenance Branch is the sum of £10,142 for additions and improvements to lines and structures, which might have been fairly charged to capital. £55,705 has been spent on bridge repairs and renewals during the year; of this sum, £10,079 was debited to capital, and the balance, £45,626, to working-expenses.

The increase in the working-expenses of the Traffic and Locomotive Branches is mainly due to the large increase in the train mileage, and the additions to staff, necessitated by the continued growth of the traffic.

The salaries and wages of the staff have in recent years also been improved, which will not be grudged by any one.

The sum of £777,989 has been expended under the head, "Additions to Open Lines," and charged to Capital Account. Of this amount, £176,339 has been expended on improvements to station buildings, sidings, water services, safety and interlocking appliances, signals, stockyards, approaches, crossings, telephone and telegraph facilities, respacing sleepers, relaying line, and improving wharves; £601,650 has been expended in the provision of rolling-stock, conversion of cars and wagons into up-to-date stock, fitting Westinghouse brakes, provision of turntables and cranes, cushioning second-class cars, provision of additional machinery for workshops, and car lighting. The rolling-stock in respect to which the charges are made consists of 59 locomotives, 104 carriages, 27 brake-vans, 52 bogie wagons, 1,569 four-wheeled wagons, 810 tarpaulins, 5 cranes, all completed on the 31st March last; and 15 locomotives, 53 cars, 4 brake-vans, 17 bogie and 681 four-wheeled wagons, and 3 cranes, incomplete, but in hand on that date.

RESULTS OF WORKING.

The following is a summary of results of working, year ending the 31st March, 1902, as compared with 1901:—

PARTICULARS.	Year ended 30th March.	
	1902.	1901.
Total miles open for traffic	2,235	2,212
Average miles open for year	2,227	2,174
Capital cost of opened and unopened lines	£19,496,553	£18,230,057
Capital cost of open lines	£18,170,722	£17,207,328
Capital cost per mile of open lines	£8,159	£7,915
Gross earnings	£1,874,586	£1,727,236
Working-expenses	£1,252,237	£1,127,848
NET PROFIT ON WORKING	£622,349	£599,388
PERCENTAGE OF PROFIT TO CAPITAL INVESTED	3·43	3·47
PERCENTAGE OF WORKING-EXPENSES TO EARNINGS	66·80	65·30
Earnings per average mile open	£842	£794
Working-expenses per average mile open	£562	£519
NET EARNINGS PER AVERAGE MILE OPEN	£280	£275
Earnings per train mile	d. 88·75	d. 89·75
Working-expenses per train mile	59·32	58·58
NET EARNINGS PER TRAIN MILE	29·43	31·17
Passengers, ordinary	7,356,136	6,243,593
Season tickets	100,778	82,921
Goods tonnage	3,529,177	3,339,687
Live-stock tonnage	137,862	121,644
Train mileage	5,066,360	4,620,971
Locomotives	362	306
Passenger cars	701	603
Wagons	12,444	10,868

CONCLUDING REMARKS AND FORECAST.

In arriving at the results of working of the railways for the past year no account has been taken of the capital cost of the Midland lines now incorporated with the Westland Section of the Government Railways; but, as I pointed out in last year's Statement, the net earnings of those lines during the time they were worked as a trust, when higher rates were charged than at present, were exceedingly small, and as the traffic has not yet increased to any considerable extent, the net revenue from those lines would have no appreciable effect on the interest earned on the capital cost (£18,170,722) of the Government lines, and I direct attention to the matter in order to remove any feeling that may exist that the net earnings of the Midland lines had inflated the net revenue of the Government lines.

The expansion of the railway business year by year since 1895 has been phenomenal, and its continued growth is a matter for sincere congratulation, and it may, I think, be taken as a sure indication of the prosperity of the colony.

The all-important work of increasing the safety of the travelling public by the introduction of those appliances which have proved to be of the most efficient character throughout the railway world where they have been adopted is receiving first consideration at the hands of the Department. The interlocking-gear has already been finished at the following stations—viz., Wellington, Westport, Burnside, Abbotsford, Wingatui, Hornby, and Rolleston—and will be continued until the complete efficiency of the service has been acquired by this admittedly first-class appliance.

The electric train-tablet system for working single lines of railways, which has been introduced at all stations between Hawera and Turakina, Featherston and Te Aro, and Waitati and Mosgiel, has already done a great deal to improve the safety conditions under which our people travel. I am sure you will agree with me that it is of first importance that the establishment of this proved appliance should be pushed on.

The work of applying the Westinghouse brake, to which I have referred above, has practically been completed upon the Wellington—Napier—New Plymouth Section, the fitting of the rolling-stock on the Auckland Section will be put in hand at an early date, and the Government has decided to apply the brake to the rolling-stock in the South Island. The money expended for these purposes has gone in the right direction, and I am of opinion that to completely equip the rolling-stock with a brake of the power and efficiency of the Westinghouse will result in great economy in the working of our railways. The first consideration, however, and one that I place above all others, is the insuring, as far as human foresight and effective means can do, the immunity of the travelling public from accidents. It is but natural that, where rolling-stock and train-services increase as rapidly as they are now doing on the New Zealand railways, more frequent opportunities for inadvertent accidents to trains must necessarily occur; and it is therefore all the more important that the three matters to which I have alluded in this paragraph—viz., the interlocking-gear, the electric train-tablet system, and the applying of the Westinghouse brake to the whole of the rolling-stock of the colony—should be vigorously proceeded with; and they will, by the prevention of accidents, quickly recoup to the colony the whole of the first cost of these important appliances.

The traffic over the railways has now assumed dimensions which renders the employment of the heaviest type of locomotive a matter of the utmost importance in the interests of economy, and the running of trains at frequent intervals and high speeds a matter of necessity. There are, however, considerable portions of main line still laid with light metals, and until such time as these are replaced with heavier rails, and the bridges strengthened to carry the heavier types of engine, it is quite impossible to obtain the best results of working. I therefore again strongly urge that consideration be given to the question of providing funds for the work indicated, as also for the further provision of safety appliances, both matters being of the greatest moment.

The railways having earned over 3 per cent. on the capital cost, it is intended, in pursuance of the policy of the Government, to make conces-

sions, which will be dealt with in this year's Financial Statement. I have also given instructions to materially improve the train services on the Auckland and Hurunui-Bluff Sections. Forty-five minutes has been taken off the Christchurch-Dunedin express trains, and additional mixed and goods trains run in various parts of the district. A new time-table will be brought into operation on the Auckland Section, under which a daily express train will be run between Auckland and Rotorua, and improved services on other lines on the section.

In June, 1901, their Royal Highnesses the Prince and Princess of Wales, then the Duke and Duchess of Cornwall and York, visited the colony, and travelled by railway between Auckland and Rotorua, and Lyttelton and Dunedin. The passenger traffic to the centres visited by the Royal party was exceedingly heavy; the whole of the railway arrangements were, however, made and carried out in a highly satisfactory manner, reflecting the utmost credit upon the General Manager and his staff.

In view of the reductions contemplated in fares and freights, and the fact that a considerable portion of the revenue for the past year resulted from circumstances of a non-recurring character, I estimate the revenue for the year ending the 31st March, 1903, at £1,875,000, and the expenditure at £1,300,000, and in doing so I feel that, in gauging the year's operations I am if anything erring on the side of safety in my estimate.

It is only reasonable that, with the natural development that is going on in the interior of our country and the activity that must from year to year prevail in the conveyance of our natural products from the interior to the sea-board, an increase in traffic should be looked for. In the outline that I have placed before you I am naturally anticipating that the conditions which have so far led to the material growth of our traffic cannot be expected to retrogress in the direction of a shrinkage that would justify a further reduced estimate than that which I have given.

The usual reports and returns are attached hereto.

LIST OF APPENDICES

ACCOMPANYING REPORT ON NEW ZEALAND GOVERNMENT RAILWAYS
FOR 1901-1902.

- A. REPORT ON WORKING RAILWAYS BY GENERAL MANAGER.
- B. REPORT ON THE WORKING OF THE LOCOMOTIVE BRANCH.
- C. REPORT ON MAINTENANCE OF NEW ZEALAND RAILWAYS.
- D. REPORT BY STORES MANAGER.
- E. REPORT ON WORKING OF TRAFFIC BRANCH.



APPENDICES.

APPENDIX A.

ANNUAL REPORT OF THE GENERAL MANAGER OF NEW ZEALAND GOVERNMENT RAILWAYS.

New Zealand Government Railways, Head Office,
Wellington, 28th June, 1902.

SIR,—

I have the honour to report upon the working of the open railways for the financial year ended 31st March, 1902.

The capital cost has increased from £17,207,328 to £18,170,722.

The revenue has been £1,874,586, against £1,727,236 last year, an increase of £147,350.

The net revenue has been £622,349, against £599,388 last year, an increase of £22,961.

The expenditure has been £1,252,237, against £1,127,848, an increase of £124,389.

The expenditure per cent. of revenue was £66·80, as compared with £65·30 last year.

The rate of interest earned on capital was £3 8s. 6d., as compared with £3 9s. 8d. last year.

The revenue per train mile was 7s. 4½d., and the cost per train-mile, 4s 11d., as against 7s. 5½d. and 4s. 11d. respectively last year.

Extensions were opened as follows :—

	M.	ch.
Mokau to Poro-o-Tarao	11	20
Wedderburn to Ida-Valley	12	32
Total	23	52

The total mileage added to the system during the year under review was thus 23 miles 52 chains, making the mileage of railways open for traffic on 31st March 2,235 miles, against 2,212 miles at the close of the previous year.

7,356,136 ordinary passengers, yielding a revenue of £575,697, and 100,778 season-ticket holders, yielding a revenue of £45,322, were carried during the year, being an increase of 1,112,543 ordinary passengers and £72,646 revenue, and 17,857 season-ticket holders and £3,397 revenue over the traffic under these headings in the previous year.

These increases in passenger traffic are exceedingly gratifying in view of the large reductions made in passenger rates in June, 1900.

85,950 school excursionists travelled during the year, the revenue derived therefrom being £5,467, an increase of 6,934 passengers and £232 revenue over the preceding year; while 684,441 passengers were booked at holiday-excursion fares for a revenue of £136,813, being an increase of 55,273 passengers and £33,880 revenue compared with previous year.

The coaching and goods traffic has been well maintained during the year, and there has been a very considerable expansion of business under these heads, as will be seen from the following figures, which show the results of the transactions for the year :—

Increases.

Coaching.—Parcels, 44,034; horses, 505; carriages, 170. Revenue, £6,849.

Goods.—Cattle, 10,590; sheep, 312,669; pigs, 4,100; chaff, lime, &c., 7,534 tons; wool, 5,359 tons; firewood, 7,406 tons; timber, 46,350 tons; grain, 40,774 tons; merchandise, 4,516 tons; minerals, 77,551 tons. Revenue, £58,880. Total increased goods tonnage, 189,490 tons.

Decreases.

Coaching.—Dogs, 254.

The visit of their Royal Highnesses the Duke and Duchess of Cornwall and York to the colony resulted in a very heavy passenger traffic from all parts of the country to the various centres visited by the Royal party, severely taxing the capacity of our passenger accommodation, and rendering it necessary to utilise all classes of vehicles that could be made capable of carrying passengers. I am, however, pleased to report that the necessary railway arrangements were successfully carried out.

The fitting of the Westinghouse brake to the rolling-stock on the Wellington-Napier-New Plymouth Section is now nearly completed, and it is anticipated that a start will be made to fit the stock on Auckland Section at an early date, and I would strongly urge the advisability of equipping the rolling-stock on the Hurunui-Bluff Section with the brake.

The following figures give a comparison of the railway traffic in 1895 and 1902:—

	31st March, 1895.	31st March, 1902.	Increase.
Passengers (number)	3,905,578	7,356,186	3,450,558
Season tickets	28,623	100,778	72,155
Parcels	444,981	677,804	232,823
Horses	11,185	11,926	741
Carriages	750	1,506	756
Dogs	23,517	30,404	6,887
Drays	705	1,564	859
Cattle	40,890	83,458	42,568
Sheep	1,519,921	2,724,860	1,204,939
Pigs	43,292	55,159	11,867
Chaff, lime (tons)	36,972	86,378	49,406
Wool	103,328	101,878	<i>Dec.</i> 1,450
Firewood	85,102	100,236	15,134
Timber	198,578	427,153	228,575
Grain	388,556	813,345	424,789
Merchandise	377,938	556,395	178,457
Minerals	857,917	1,443,792	585,875
Total tonnage	2,048,391	3,529,177	1,480,786
Total revenue	£1,150,851	£1,874,586	£723,735

It will be at once apparent that with a business which is expanding so rapidly, it is imperatively necessary to make such improvements in the running track as will enable engines of the heaviest and most powerful type to be used on the main line and on all important branches without restriction, otherwise the best results of working cannot be obtained. I, therefore, feel it incumbent on me to give prominence to the matter and again strongly emphasize the urgent necessity for ample provision being made to enable the relaying of the track and equipment of the lines with safety-appliances being undertaken at a more rapid rate than at present.

Appended hereto are the reports of the Chief Engineer, Chief Mechanical Engineer, Chief Traffic Manager, and Stores Manager.

I have, &c.,

T. RONAYNE,

General Manager.

To the Hon. Minister for Railways.

APPENDIX B.

ANNUAL REPORT UPON THE WORKING OF THE LOCOMOTIVE BRANCH, 1901-2.

SIR,—

Chief Mechanical Engineer's Office, Wellington, 9th June, 1902.

I have the honour to report upon the working of the Locomotive Department for the year ending the 31st March, 1902.

The locomotives, cars, brake-vans, wagons, cranes, tarpaulins, and machinery have been maintained in good working condition, and improvements have been made to increase the efficiency of the plant and appliances.

During the year under review the locomotive stock has been substantially increased by fifty-seven locomotives from Great Britain and America, and two Class B heavy-goods locomotives built in our own workshops. This additional power was absolutely necessary to enable the Department to cope with the increasing traffic.

Two small locomotives were sold, and are being replaced by engines of greater tractive power.

The locomotives added during the year increased the tractive power by 38 per cent. New locomotives now under construction in our own workshops, together with conversions and boiler-renewals in hand, will still further increase the tractive power by 8 per cent.

The replacing of old types of locomotives by those of more suitable design and greater tractive power is being pushed forward as rapidly as practicable.

Considerably more mileage was run during this year than in the preceding financial year, the train miles being 445,389 (equal to 9.64 per cent.), and engine miles 745,999 (equal to 11.93 per cent.), in excess of year 1900-1; while a comparison of train and engine mileage with that of ten years ago shows an increase of more than two million train and three million engine miles.

The following additions have been made to workshops: Newmarket, car- and wagon-lifting shed, which will be also used for Westinghouse-brake fitting; Easttown, erecting-shop and car and wagon shop extended; Petone, addition to iron-foundry; Addington, new iron-foundry and new fettling-shop and store.

The North Island contract for the equipment with Westinghouse automatic brake of engines and rolling-stock has made good progress on Wellington-Napier-New Plymouth Section, where this continuous brake is now in regular use on principal trains. Fitting of brakes on Auckland Section will shortly be proceeded with.

On the 31st March, 1902, there were in the North Island ninety-nine locomotives, 191 carriages, fifty-three brake-vans, and 1,742 wagons equipped with Westinghouse brake. In the South Island, sixty-five locomotives, seventy-two carriages, twelve brake-vans, and five wagons similarly equipped.

I would again urge the importance of equipping with Westinghouse brake all rolling-stock on the Hurunui-Bluff Section.

The boiler repairs and renewals are well up to date. The work in hand at the end of the year consisted of two F, three FB, and two T locomotive boilers.

During the year 454 car, van, wagon, and crane axles have been renewed.

The following additions to workshops, plant, and appliances have been made:—

Workshop.	Particulars.
Newmarket	1 endless-bed surface-planer, 1 12 in. screw-cutting lathe, 1 wood-boring machine, 1 twist drill and cutter-grinder, 1 hydraulic-riveting plant, 1 7 cwt. steam-hammer.
Wellington	1 Sellars boiler-washer.
Petone	1 12 in. screw-cutting lathe, 1 7 cwt. steam-hammer, 1 vertical drilling-machine, 1 75-horse-power Porter Allen engine, 1 10 in. screw-cutting lathe.
Wanganui	1 plant for washing out boilers with hot water.
Eastown	1 milling-machine, 1 radial drilling-machine, 1 hydraulic-riveting plant, 2 20-ton overhead travelling cranes, 1 14 in. screw-cutting gap lathe.
Napier	1 Sellars boiler-washer.
Addington	1 hydraulic-riveting plant, 1 10-ton overhead travelling crane, 1 9 in. turret lathe, 2 10 in. screw-cutting lathes, 1 8 in. Capstan lathe, 1 cutter grinding-machine, 1 electric-light plant.
Christchurch	1 Sellars boiler-washer.
Hillside	1 axle-turning lathe, 1 9 in. turret lathe, 4 10-in. screw-cutting lathes, 1 radial drilling-machine, 1 10 cwt. steam-hammer, 1 8 in. Capstan lathe.
Dunedin	1 plant for washing out boilers with hot water.
Invercargill	1 Sellars boiler-washer.

During the year ninety-nine cars and six vans were equipped with Pintsch gas, making a total of 607 vehicles fitted.

The Pintsch gas manufactured was 2,538,407 cubic feet, costing 2s. 0½d. per 100 cubic feet, inclusive of wages, fuel, stores, and repairs; being a reduction in cost of 14·03 per cent. as compared with the previous year.

As pointed out in my last report, the manufacture of Pintsch gas being divided amongst five separate gasworks, and the relatively small quantity of gas made at each, materially increases the cost of production.

The following table gives particulars of repairs, &c., to locomotives for the year:—

Particulars.	Number.	Class of Engine.
Number passed through shops	411	3 A, 7 B, 4 C, 17 D, 6 E, 51 F, 13 FA, 3 FB, 3 G, 11 H, 32 J, 7 K, 6 L, 12 LA, 4 M, 26 N, 6 O, 10 P, 20 Q, 21 R, 7 S, 7 T, 74 U, 9 V, 4 W, 41 WA, 3 locomotives for Public Works Department, 1 locomotive for New Zealand Coal and Oil Company, 1 locomotive for Timaru Harbour Board, and 2 locomotives for Greymouth Harbour Board.
Built new	2	2 B.
Erected	57	4 N, 13 Q, 22 U, 18 WA.
Converted or rebuilt ... ..	...	...
Thoroughly overhauled	48	2 C, 5 D, 1 E, 12 F, 3 FA, 1 FB, 4 J, 1 K, 2 LA, 2 O, 1 P, 2 R, 6 U, 4 V, and 2 locomotives for Greymouth Harbour Board.
Heavy repairs	119	1 A, 2 B, 6 D, 1 E, 18 F, 4 FA, 2 FB, 1 G, 6 H, 12 J, 2 K, 1 L, 1 LA, 2 M, 7 N, 3 O, 4 P, 13 R, 6 S, 2 T, 8 U, 2 V, 2 W, 10 WA, 2 locomotives for Public Works Department, and 1 locomotive for New Zealand Coal and Oil Company.
Light repairs	185	2 A, 3 B, 2 C, 6 D, 4 E, 21 F, 6 FA, 2 G, 5 H, 16 J, 4 K, 5 L, 9 LA, 2 M, 15 N, 1 O, 5 P, 7 Q, 6 R, 1 S, 5 T, 38 U, 3 V, 2 W, 13 WA, 1 locomotive for Public Works Department, and 1 locomotive for Timaru Harbour Board.
Painted and varnished... ..	87	3 B, 2 C, 8 D, 1 E, 17 F, 2 FA, 1 G, 2 H, 8 J, 2 K, 3 LA, 1 M, 3 N, 2 O, 3 P, 7 R, 1 S, 1 T, 11 U, 3 V, 1 W, 4 WA, and 1 locomotive for New Zealand Coal and Oil Company.
Touched up and revarnished	118	2 B, 1 C, 3 D, 1 E, 15 F, 2 FA, 3 FB, 9 J, 2 K, 1 L, 1 LA, 2 M, 2 N, 3 P, 10 Q, 6 R, 2 S, 4 T, 36 U, 4 V, 1 W, 6 WA, and 2 locomotives for Greymouth Harbour Board.

Three class B heavy locomotives for goods traffic and six class Fb tank engines are being built at Addington.

Three class WA locomotives for heavy mixed traffic are being built at Hillside.

Three class LA locomotives are being built at Petone to replace three old class L locomotives, two of which have already been sold.

The following table gives particulars of repairs, &c., to locomotive boilers for the year :—

Year ending 31st March, 1902.	Number passed through Shops.	Built new.	Heavy Repairs.	Light Repairs.	New Tubes.	Tubes pieced.	New Barrels.	New Smoke-box Tube-plate.	New Fire-boxes complete.	New Fire-box Tube-plates.	Boilers patched.
Boilers	226	10	75	141	36	32	...	4	4	3	67

Seven new boilers are in hand.

The following cars, brake-vans, wagons, and tarpaulins were completed and added to stock during the year, viz. : 101 bogie cars, twenty-seven bogie brake-vans, fifty-two bogie and 1,562 four-wheel wagons, and 810 tarpaulins.

The seating-accommodation of carriages has been increased 14·18 per cent. ; also the carrying-capacity of wagon stock has been increased 24·52 per cent.

Carriage repairs and rebuilding : 1,149 carriages passed through shops, sixty corridor cars were erected, and forty-one cars built.

The following table gives particulars of repairs, &c., to carriages for the year :—

Particulars.	Number.	Class of Car.
Number passed through shops	1,149	990 A, 55 B, 82 C, 22 D.
Erected	60	60 A (American corridor cars).
Built new	41	41 A.
Rebuilt or converted ... ..	...	...
Thoroughly overhauled	50	42 A, 4 B, 3 C, 1 D.
Heavy repairs	208	183 A, 13 B, 6 C, 6 D.
Light repairs	790	664 A, 38 B, 73 C, 15 D.
Wholly painted and varnished	290	261 A, 19 B, 9 C, 1 D.
Touched up and revarnished	397	369 A, 11 B, 14 C, 3 D.
Fitted with standard draw-gear	85	83 A, 2 C.

One hundred and two bogie cars have had cushions fitted to seats of second-class compartments : total number of cars so fitted to end of year, 305.

The following new car-work is in hand : Building thirty-three Class A bogie cars, and converting twenty-three four- and six-wheel cars to double bogie, Class A.

Brake-van repairs and rebuilding : 417 brake-vans passed through shops, twenty-seven new bogie vans were built.

The following table gives particulars of repairs, &c., to brake-vans for the year :—

Description.	Number passed through Shops.	Built new.	Rebuilt.	Converted from Four-wheel to Bogie.	Thoroughly overhauled.	Heavy Repairs.	Light Repairs.	Painted.	Touched up.	Fitted with Standard Draw-gear.
Brake-vans	417	27	...	...	10	71	309	93	123	36

The conversion of six four-wheel vans to bogie vans is in hand.

Wagon repairs and rebuilding : 9,261 wagons passed through shops, fifty-two bogie and 471 four-wheel wagons were built new, 900 four-wheel wagons were erected ; 200 four-wheel wagons, built under contract—viz., 100 by Southland Implement Company and 100 by J. MacAlister and Co., Invercargill—were added to stock.

The following table gives particulars of repairs, &c., to wagons for the year :—

Description.	Number passed through Shops.	Erected.	Built new.	Rebuilt.	Converted.	Thoroughly overhauled.	Heavy Repairs.	Light Repairs.	Painted.	Touched up.	Fitted with Standard Draw-gear.
Wagons	9,261	900	523	11	73	20	1,868	5,866	2,606	2,367	2,589

The following new work is in hand: Erecting 100 four-wheel wagons; building seventeen bogie and 605 four-wheel wagons; also, twenty-five four-wheel wagons are being built under contract, by Seagar Bros., Auckland.

The following table gives particulars of repairs, &c., to tarpaulins for the year:—

Description.	Number passed through Shops.	New.	Condemned and replaced.	Repaired.
Tarpaulins	7,899	810	432	6,657

Stationary engines and cranes: The following table gives particulars of repairs, &c., to stationary engines and cranes for the year:—

Type.	Number passed through Shops.	Erected new.	Thoroughly over-hauled.	Heavy Repairs.	Light Repairs.	Painted.	Touched up.	Boiler-repairs.					
								New Tubes.	Tubes pieced.	Boiler patched.	Heavy Repairs.	Light Repairs.	New Boilers.
Hand-cranes	22	1	1	3	17	2	3	...	...	...	...	...	...
Steam-cranes	37	4	1	3	29	6	5	...	...	...	...	2	...
Stationary engines	13	1	...	4	8	...	...	...	...	5	3	9	...
Hoisting-engines	4	...	...	...	4	2	...	1	...	...	...	3	...
Hydraulic engines	1	...	...	...	1	...	...	...	...	...	...	...	...
Totals	77	6	2	10	59	10	8	1	...	5	3	14	...

The erection of two 10-ton hand and one 7-ton steam cranes is in hand.

The expenditure per train mile has been as follows:—

Year.	Train Mileage.	Engine Mileage.	Cost in Pence, Locomotive Branch, per Train Mile.	Cost in Pence, Car and Wagon Branch, per Train Mile.	Total.
1901-2	5,066,360	6,996,765	16.64	4.71	21.35
1900-1	4,620,971	6,250,766	15.24	4.75	19.99

The increased cost per train mile is principally due to the high price of fuel. The average rate per ton under 1900-1 contracts was 16s. 2d., whilst under 1901-2 contracts the average price was 18s. 9d.

The usual returns are attached.

I have, &c.,

A. L. BEATTIE,

Chief Mechanical Engineer.

The General Manager, New Zealand Railways, Wellington.

APPENDIX C.

ANNUAL REPORT ON THE MAINTENANCE OF NEW ZEALAND RAILWAYS.

SIR,—

Chief Engineer's Office, Wellington, 1st April, 1902.

I have the honour to submit the following report on the maintenance of the New Zealand railways for the year ending 31st March, 1902:—

Permanent-way.—The track has been maintained in good condition.

Since my last report the new standard 70 lb. rails have come to hand, and during the year a total length of 40½ miles of track have been relaid with rails of this class, in addition to 28½ miles with 55 lb. and 56 lb. steel rails, making in all sixty-nine miles, or four miles and three-quarters more than was done during the previous year.

I would once more call attention to the pressing necessity for increasing the rate of relaying. By a return prepared some two or three years since it was shown that to keep pace with our requirements we should relay at least a hundred miles a year. For the past two years we have laid less than seventy miles a year, so that we are gradually getting into arrear with this work. It must not be inferred that the track is absolutely worn out and unsafe for traffic; but unless relaying proceeds at a faster rate the time when heavier rolling-stock can be used on some parts of the main lines and on branch lines will be much longer deferred. The necessity for an increase in the relaying is evidenced by the greater number of rails broken under traffic as compared with past years.

The number of sleepers laid amounts to 450,188, an increase of 39,446 over last year. Of imported hardwood there were laid 218,787, puriri 22,278, and other timbers 209,123.

The approximate cost of the sleepers used during the past year, irrespective of labour in laying, amounts to the very large sum of £92,000, and I am compelled to point out that a great saving would have been effected had more durable timbers been used in the first instance. I think I am not far wrong in putting this at £46,000 at least, or one-half the present expenditure. This large annual outlay for sleepers is likely to continue for many years, and the economy to be gained by using more durable materials cannot be too strongly urged.

I desire to draw attention to the pressing need for continuing the importation of hardwood sleepers. Not only is their use economical, but in view of the increased weight of engines and speed of trains they are, in my opinion, indispensable, especially for the curved portions of the line.

The strict adherence by Inspectors to the sleeper specification has resulted in a much better article being obtained on the West Coast (South Island), and, as far as I am aware, there is now but little complaint from the suppliers.

A creosoting plant at Invercargill has been purchased from Messrs. Campbell Bros., and is being repaired. Contracts for supplies of sleepers have been made, and creosoting will start early. The new plant for Woodville will soon be to hand, and arrangements are being made for its erection; and as soon as tenders for sleepers are accepted creosoting will be commenced in this Island as well.

A sum of £170,473 has been expended on renewals of track.

We have been again almost wholly free from slips and washouts by floods. With the exception of some damage which was caused at the end of March in the Christchurch and Dunedin districts, there is nothing of moment to report.

The slips on the Otago Central extension to Wedderburn have continued, blocking traffic from time to time.

A Gates stone-crushing plant has been imported from America and erected in the Mosgiel Quarry, in Dunedin district, for crushing metal for ballast. The plant has not yet been brought fully into work, but some trial runs gave good results.

Bridges.—Bridges have been maintained in safe condition, and all renewals have been carried out in hardwood. The total expenditure for repairs and renewals was £55,705, as against £54,020 for last year.

The construction of the Mangatera Viaduct, referred to in my previous report, has not yet been completed.

Signals and Interlocking.—Interlocking has been carried out at several stations, and the installations have worked in a most satisfactory manner.

The work of erecting fixed signals at officered stations has been continued.

Block-working on some sections in the Wanganui, Wellington, and Dunedin districts has been installed, with satisfactory results.

The Signal Engineer's report, which is attached hereto, gives detailed information on these subjects.

Water-services.—Several services have been added to and improved.

Wharves.—Ordinary repairs have been undertaken, but nothing has occurred calling for special remarks.

Buildings.—New station-buildings have been erected at Mercer, Wanganui, Masterton, Kaiwarra, Dunsandel, Springston, and Leeston, and are in hand at New Plymouth. New Stationmasters' houses have been built at Christchurch, Springston, Otautau, Greymouth, and Moana.

The work at the departmental offices, Wellington, has proceeded but slowly.

Miscellaneous Works.—A large number of works have been carried out and charged to working-expenses. They comprise additions and improvements to station and other buildings, water-services, sidings, roads, &c., additional cranes, and signals, &c. Total charges under this head for the year amounted to £10,142.

Additions to Open Lines.—The principal works in hand were as follows:—

Additions to Station-buildings and Station-yards: Whangarei, Mercer, New Plymouth, Wanganui, Palmerston North, Tariki Road, Ormondville, Kaiwarra, Wellington, Masterton, Kaiapoi (site), Springston, Timaru, Leeston, Hornby, Oamaru, Dunedin (site for new station), Clinton, Stirling, Balclutha, Bushey, Lovell's Flat, Otautau, Lumsden, Kingston, and Invercargill (site for new station).

Additions to Sidings: Sentry Hill, Eltham, Okoia, Lower Hutt, Wellington, Lyttelton, Christchurch, Rolleston, Ashburton, Burnside, Dunedin, Dipton, Balfour, and Paroa.

Additions to Workshops: Eastown, Petone, Addington, and Hillside.

New Dwellings and Additions to Dwellings: Feilding, Woodville, Masterton, Greytown, Cross Creek, Christchurch, Moana, and Greymouth.

Fencing: Frankton to Mercer, north of Palmerston North, and on Westland Section.

Creosoting Plants: Woodville and Woodend.

Goods-sheds: Belfast and Lyttelton.

Bridges: Mangatera Viaduct.

Miscellaneous: Turntable at Southbridge; stone-crusher at Mosgiel; stock-yards at Dunback; additional water-openings on Forest Hill branch; protective works at Oтира; additions to water-services, Wanganui district; new departmental offices, Wellington; additions to district offices, Wanganui; signals and interlocking; increased telegraph and telephone facilities; block-working; additions to dwellings; relaying (proportion); bridge-strengthening (proportion); and respacing sleepers.

The total cost of works under this heading amounts to £176,339.

Expenditure.—The maintenance expenditure charged to revenue amounts to £133,997, or £195 per mile, a slight increase over the rate for last year. This amount is higher than for any previous year, and is in excess of the expenditure per mile on any railway in the Australasian Colonies.

I would strongly urge the more vigorous prosecution of relaying, bridge renewals, signal-work, interlocking, and block-working; and I hope that funds will be found to enable these works to be pushed on during this financial year.

Mileage.—The total mileage open for traffic on the 31st March, 1902, was 2,234 miles 66 chains, being an addition of 23 miles 52 chains opened during the year.

Private Sidings.—On the 31st March last there were 280 private-siding rights in existence, with a total annual rental of £4,572. Ten new grants were made during the year.

Leases.—One thousand eight hundred and eighty-five leases were current at the end of the year, with an aggregate annual rental of £19,127. New leases issued since the 31st March, 1901, totalled 354.

Staff.—The working staff numbered 2,632; office staff, 90: making a total of 2,722 persons.

I append the usual returns.

I have, &c.,

JORN COOM, M.Inst.C.E., Chief Engineer.

The General Manager, New Zealand Railways.

ANNUAL SIGNAL AND ELECTRICAL REPORT.

SIR,—

Wellington, 1st April, 1902.

I have the honour to submit the following report on the signals, interlocking, and block-working, also the telegraph and telephone facilities, of the New Zealand Government railways for the year ending 31st March, 1902:—

Fixed Signals.

During the past year twenty-one stations have been fitted with fixed signals.

The whole of the fixed signals, with the exception of about twenty stations, have now been fitted with locking-plates. The work in connection with the remaining twenty stations is well in hand.

The expenditure for the year on new work was £1,486, and for maintenance £804 6s. 8d.

Interlocking of Points and Signals.

The signalling and interlocking of Wellington yard, which was the first complete installation in New Zealand, has now been in operation for more than twelve months, and has worked without a hitch of any kind.

The following stations have been fully equipped with signalling and interlocking and brought into operation during the year: Westport, Burnside, Abbotsford, Wingatui, and Hornby. The work has been commenced and is well in hand at Cattle-yards, Rolleston, and Studholme.

The expenditure for the year on new work was £11,314 2s. 9d., and for maintenance £114.

Block-working.

During the year satisfactory progress has been made with the equipment of the electric train-tablet system of block-working; 104 tablet-instruments and 140 miles of line have been fitted up and brought into operation, embracing the following sections: Hawera to Turakina, Featherston to Te Aro, and Waitati to Mosgiel.

The equipment of the sections between Longburn and Turakina is in progress.

The staff-and-ticket system of block-working has been adopted on the Napier-Spit Section.

Telegraph and Telephone Facilities.

During the year a Morse wire has been erected and brought into use between Wanganui and Hawera, and the erection of a Morse wire between Dunedin and Invercargill has been commenced, besides which various alterations and additions have been made to improve existing lines.

Thirty additional Morse instruments and fifty-eight telephones have been fixed and brought into operation, and sixty additional connections have been made with telephone exchanges.

A few single-needle telegraph-instruments, which are so extensively used for railway-work in Great Britain, have been imported, with the view of testing their adaptability for railway-work on the New Zealand lines. They are at present being tried, and, if found suitable, should be adopted on all new lines, as they are in many ways far more economical than the Morse for railway-work.

The expenditure on electric block-working, telegraph and telephone facilities for the year was: New work, £18,656 12s. 8d.; and maintenance, £6,218 10s. 11d.

Electric Light.

Eight of the signals at Wellington were fitted with the electric light as an experiment. This has proved in every way to be very satisfactory and economical.

Four arc lights have been erected at Wellington to light the interlocked portion of the north end of the yard; the lights are switched in and out by the signalman as required, and they have proved most convenient, and in every way the most suitable light for the purpose which could have been adopted.

I have, &c.,

H. J. WYNNE, A.M.Inst.C.E.,
Signal and Electrical Engineer.

The Chief Engineer, Wellington.

APPENDIX D.

SIR,—

Stores Manager's Office, Wellington, 31st May, 1902.

I have the honour to report that the value of stores (purchased under the Railway vote) on hand on the 31st March, 1902, at the various depots amounted to £173,221 19s. 7d., as against £128,870 4s. 10d. on the 31st March, 1901.

The value of stores on hand on account of additions to open lines amounted on the 31st March, 1902, to £43,151 4s. 4d., as against £47,910 11s. 7d. on the 31st March, 1901.

The stock is in good order, has been carefully and systematically inspected, and is value for the amounts stated.

I have, &c.,

GEO. FELTON,

Stores Manager.

The General Manager, New Zealand Railways.

APPENDIX E.

SIR,—

Chief Traffic Manager's Office, Wellington, 14th June, 1902.

I have the honour to report on the working of the Traffic Branch of the New Zealand Railways for the year ending 31st March, 1902.

Hurunui-Bluff Section.

The passenger traffic has increased considerably, the number of passengers carried being 495,953 and the season tickets issued being 12,037 over last year, the increased business being fairly distributed over the Christchurch, Dunedin, and Invercargill Districts.

The goods traffic has also largely increased, the total increase under this head being 45,220 tons, principally in wool, timber, and grain.

The sheep traffic has been considerable, 174,275 sheep having been carried over the previous year.

The principal increases in the Christchurch District are in wool, timber, and grain, there being also a large increase in the number of sheep carried compared with previous years.

The traffic in frozen meat shows a substantial increase: 35,350 tons have been carried to Lyttelton and Timaru, as compared with 28,828 tons for the previous year, an increase of 6,522 tons.

In the Dunedin District the goods traffic has fallen off to some extent in timber and merchandise owing to the decline in the dredging business, and in grain owing to the bad weather and lateness of the harvest.

There is a large increase in the quantity of cream carried, 359,312 gallons being forwarded, as compared with 60,502 for the previous year. A further increase is anticipated during the coming year.

The sheep traffic has also increased considerably.

In the Invercargill District there have been increases under all headings except "Minerals other than Coal," the tonnage for which has decreased by 9,290 tons, less gravel and stone having been used for road-making. The largest increases are in grain, coal, timber, firewood, and merchandise. There is also a considerable increase in the sheep traffic.

Picton Section.

The passenger traffic has increased satisfactorily during the year, 6,432 more passengers having travelled than in the previous year.

In goods traffic there are increases in chaff (1,662 tons), wool (1,114 tons), firewood (1,134 tons).

The sheep traffic has also increased by 8,380 over the previous year.

Westland Section.

The passenger traffic on this section has increased considerably, 30,513 passengers more than in the previous year having travelled.

There has been a large increase in nearly all classes of goods traffic, the largest being in coal and timber.

Westport Section.

The passenger traffic has increased considerably, 15,496 passengers over the previous year's number having travelled.

The principal increase in goods traffic has been in coal, over 40,000 tons more than last year having been carried.

Nelson Section.

There are satisfactory increases in both passenger and goods traffic.

Wellington-Napier-New Plymouth Section.

The passenger traffic has increased, as compared with the previous year, to the extent of 299,028 passengers and 1,070 season tickets.

In goods traffic there has been a substantial increase. The total tonnage amounts to 501,988 tons, as compared with 468,411 tons for the previous year, the increase being 33,577 tons.

In the Wellington-Napier District there are substantial increases in passenger traffic and in nearly all classes of goods, the principal being in chaff, timber, firewood, grain, and coal.

The sheep traffic has also developed considerably, there being a large increase over the previous year.

The passenger traffic in the Wanganui District also shows great improvement, and in goods traffic there are increases under all headings, the principal being in timber, chaff, firewood, coal, and other minerals.

The sheep traffic has also increased over the previous year to a considerable extent.

Auckland Section.

The passenger traffic in the Auckland District, same as elsewhere, has increased very considerably during the year, 235,165 passengers having travelled and 4,728 season tickets having been issued more than during the previous year.

The goods traffic has also increased to a large extent during the year, the total tonnage being 261,311 tons, an increase over last year of 25,113 tons. The principal increases were in timber, grain, coal, and chaff.

The sheep traffic also shows considerable advance, 16,674 more sheep having been carried.

The traffic in dairy products continues to improve. The number of gallons of cream carried was 360,502, an increase of 10 per cent. on the quantity carried during the previous year. There were also carried 3,550 tons of butter and 281 tons of cheese.

Kaihu Section.

The growth of traffic generally has been considerable, the number of passengers travelling having increased by 17 per cent. during the year.

In goods traffic, although there is a decrease in merchandise due to a falling-off in the production of kauri-gum, there is a large increase on the whole, the timber traffic having increased by 5,338 tons for the year.

Whangarei Section.

There has been a large growth of business on this section, the number of passengers travelling having increased to 51,068, as compared with 37,423 last year, an increase of over 36 per cent.

The goods traffic has also increased substantially, the total tonnage having advanced by over 12 per cent. There is an increase in all classes of goods except merchandise, the advances being principally in timber and coal.

Kawakawa Section.

There is a general falling-off in nearly all branches of traffic.

The year's operations for all districts, notwithstanding that large annual increases have been the rule for several years past, have again resulted in a large increase of revenue over the previous year.

The gross revenue for the year amounted to £1,874,586 9s. 7d., as against £1,727,236 1s. 1d., an increase of £147,350 8s. 6d.

The total number of passengers carried amounts to 7,356,136, an increase of 1,112,543, the revenue being £575,697, an increase of £72,646.

The revenue for excursion traffic still continues to increase steadily, 770,391 tickets having been issued during the year, producing £142,279, an increase of £34,112 over the previous year's business.

A large portion of this increased traffic was attributable to exceptional circumstances—the visit of their Royal Highnesses the Duke and Duchess of Cornwall and York, the departure of contingents for South Africa, and the two Easters falling in the financial year under notice, inducing travel to a greater extent than ordinary.

The visit of the Duke and Duchess of Cornwall and York to the colony resulted in a large influx of visitors to the chief centres, Auckland, Wellington, Christchurch, and Dunedin. It is satisfactory to know that the Department was equal to all demands in meeting this heavy traffic. The arrangements throughout the colony were excellent, and were carried out in a manner creditable to the staff concerned. The following is a statement of the traffic to the various centres in connection with the Royal visit:—

	Passengers. No.	Revenue.		
		£	s.	d.
Auckland	18,128	2,332	1	11
Rotorua	4,015	3,116	10	5
New Plymouth	1,568	549	13	7
Wellington	27,264	5,693	16	11
Christchurch	34,325	6,666	15	7
Ashburton	266	25	2	6
Timaru	749	79	9	11
Dunedin	27,201	7,022	2	4
Total	113,516	£25,485	13	2

In goods traffic 3,529,177 tons have been carried, an increase of 189,490 tons as compared with the previous year. Increases occur under all the various headings, the largest being in grain and timber, the traffic in each class, with the exception of wool, being the largest on record.

The number of sheep carried for the year amounted to 2,724,860, an increase of 312,669 over the previous year.

The revenue from goods and live-stock traffic amounted to £1,110,575, the increase over last year being £58,880.

The additional wagons provided on the Hurunui-Bluff Section have enabled the heavy demands made upon the Department every year for conveyance of grain to be met in a more satisfactory manner.

The wagon-supply is now equal to the conveyance of grain to the seaboard with more expedition than it can be taken delivery of by consignees. Any further improvement in the despatch from stations can only be secured by the provision of increased facilities for taking delivery by consignees at destination, so as to keep pace with the more rapid conveyance of the traffic.

In pursuance of the proposal to gradually improve the train services, a large number of alterations in and additions to the train services have been made throughout the year, which improvements are much appreciated by the public.

The following are particulars of the more important alterations :—

Whangarei Section.

On the 4th May, 1901, a Saturday-night train was put on from Whangarei to Hukerenui and back.

On the 1st November, 1901, the whole time-table was amended in order to better meet the requirements of the district.

The increased mileage for the year was 2,648 miles.

Auckland Section.

Extra trains for steamers were put on between Auckland and Onehunga.

Increased mileage: Permanent mixed trains, 1,828; permanent goods trains, 5,020: total, 6,848.

Wellington-Napier-New Plymouth Section.

From the 1st November, 1901, the mail trains between Wanganui and New Plymouth were run daily, instead of four days a week, thus (when there was boat-connection) giving a daily service between Auckland and Wellington. These trains were also accelerated, the journey-time between New Plymouth and Wellington being reduced by an hour.

The running of the Wellington-Napier mail trains was also improved, the time being reduced by half an hour.

New daily services have been provided between Upper Hutt and Woodville, Waipukurau and Woodville, Dannevirke and Woodville, and on Wednesdays and Saturdays between Napier and Hastings.

The services generally throughout the district have been improved by putting on additional goods trains and curtailing the work of mixed trains, thus enabling better time being kept.

Increased mileage: Permanent mixed trains, 49,608; permanent goods trains, 50,869: total, 100,477.

Westport Section.

Small adjustments to better suit requirements.

Increased mileage: Mixed trains, 84.

Westland Section.

Rearrangement of time-table to better suit requirements, the principal alterations being additional trains between Greymouth and Ngahere, and Greymouth and Reefton.

Increased mileage: Mixed trains, 1,328.

Hurunui-Bluff Section.

Various amendments have been made, the most important being—

Extra passenger train Christchurch to Templeton on Saturday nights.

Acceleration of trains Southbridge Branch by separation of goods from passenger traffic.

Extra mixed trains Little River Branch, giving a five-days-a-week service instead of three days a week.

Catlin's River service improved, giving a daily instead of only on five days a week.

Alterations to Dunback Branch service to give better connection north and south.

Otago Central line extended, Wedderburn to Ida Valley.

Riverton-Orepuki mixed trains run daily instead of three days a week, the journey-time of the morning train to Invercargill being reduced by forty minutes, the afternoon train to Invercargill by fifteen minutes, and the evening train, Invercargill to Orepuki, by thirty-five minutes.

New mixed train Seaward Bush Branch on Wednesdays.

New fast passenger train Invercargill to Kingston and back on two days per week during tourist season, the journey-time being reduced by one hour and fifteen minutes.

Increased mileage: Permanent mixed trains, 12,366; permanent goods trains, 37,328: total, 49,694.

Grand total of extra mileage for permanent trains: Mixed, 67,862; goods, 93,217: total, 161,079.

The acceleration of mixed and mail services in the Wellington-Napier-New Plymouth and Invercargill Districts, and the general increase of goods traffic, accounts for the large increase in mileage for the permanent goods trains.

During the current year it is proposed to reduce the journey-time of several mixed trains between Clinton and Invercargill, Invercargill and Bluff, the morning train Invercargill to Orepuki, and the morning and evening trains on the Nightcaps Branch, and to so rearrange the services in the western district as to enable stock to be forwarded as far north as Dunedin in the one day.

A new mixed train will be put on between Winton and Invercargill on Saturdays, for the convenience of settlers.

The Christchurch-Dunedin express will be accelerated by forty-five minutes each way, arriving Christchurch and Dunedin respectively at 8.15 p.m. instead of 9 p.m., and some of the local services will be improved.

In the Auckland District it is proposed to entirely recast the time-table, and to provide a daily express between Auckland and Rotorua, with connection with the King-country as far south as Ongarue, also with Cambridge, Te Aroha, Thames, and Te Awamutu.

The local services will also be improved, and where possible the journey-time reduced.

Appended is a statement showing the average late arrivals of trains at destination for the year ended the 31st March, 1902, and a comparison of the last nine months with the corresponding period of last year, records not being available for the whole of last year.

It will be seen that there is a marked improvement, the averages for express and mail trains being 1.16 against 1.70; for long-distance mixed trains, 1.24 against 1.90; and for suburban trains, 0.55 against 0.90.

RETURN SHOWING AVERAGE LATE ARRIVALS OF TRAINS AT DESTINATION.

	P.E. April 27, 1901.	P.E. May 25, 1901.	P.E. June 22, 1901.	P.E. July 20, 1901.	P.E. Aug. 17, 1901.	P.E. Sept. 14, 1901.	P.E. Oct. 12, 1901.	P.E. Nov. 9, 1901.	P.E. Dec. 7, 1901.	P.E. Jan. 4, 1902.	P.E. Feb. 1, 1902.	P.E. March 1, 1902.	P.E. March 31, 1902.	Nine Months' Average.
<i>Long-distance Fast Passenger Trains.</i>														
Year ending 31st March, 1902	3.01	1.96	3.54	4.22	0.88	0.85	0.47	0.42	0.77	2.10	1.10	0.83	3.07	1.16
Year ending 31st March, 1901	..	..	..	..	1.97	1.16	0.85	1.36	1.58	4.23	1.31	2.03	0.82	1.70
<i>Long-distance Mixed Trains.</i>														
Year ending 31st March, 1902	3.06	2.07	2.87	3.12	1.03	0.90	0.79	0.79	1.02	1.27	0.94	1.36	3.04	1.24
Year ending 31st March, 1901	..	..	..	..	2.04	1.88	1.42	1.43	1.50	2.79	1.70	2.34	2.08	1.90
<i>Suburban Trains.</i>														
Year ending 31st March, 1902	1.13	0.85	1.59	1.60	0.69	0.44	0.42	0.47	0.38	0.56	0.55	0.71	0.70	0.55
Year ending 31st March, 1901	..	..	..	..	1.27	0.76	0.67	0.84	0.91	1.03	0.78	1.15	0.75	0.90

The electric tablet working, which has been installed on the Wellington-Napier-New Plymouth Section between Te Aro and Featherston and Hawera and Turakina, and on the Hurunui-Bluff Section between Waitati and Mosgiel, during the year, is working most satisfactorily, and it is most desirable that the system should be extended to other portions of the lines at as early a date as possible.

In November last the Westinghouse brake was brought into operation on the mail trains, and more recently on the principal mixed trains between Wellington and Napier and Palmerston and New Plymouth, enabling the trains to be worked with greater safety and expedition. The express trains between Dunedin and Christchurch are now being equipped, and the brake will be brought into operation on the 1st July in connection with the reduction in the journey-time of those trains.

In view of the continued growth of business on the Auckland Section, and the congestion of traffic on the single line of rails between Auckland and Penrose, it will be absolutely necessary to double the line to enable any improvement to be effected in the suburban train services. Great complaint is made by regular travellers of the frequent interruption to the ordinary services for race and other holiday traffic.

The percentage of traffic expenditure to revenue is 17.78, as compared with 17.15 for the previous year, the increase being due to improvements and additions to the train services, the heavy additional excursion traffic at low fares, and the consequent increase of staff.

The prospects for the ensuing year are satisfactory, and there is every indication of a continued expansion of business.

I have, &c.,

W. H. GAW,
Chief Traffic Manager.

The General Manager, New Zealand Railways, Wellington.



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ACCOMPANYING ANNUAL REPORT OF THE GENERAL MANAGER OF NEW ZEALAND
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4. Classified Expenditure and Revenue, and Proportion of each Class to Mileage and Revenue.
5. Comparative Statement of Passenger and Goods Traffic.
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7. Expenditure under Vote " Additions to Open Lines " charged to Capital Account.
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29. Traffic from Coal-mines, Hurunui-Bluff.
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RETURN NO. 3.
CLASSIFIED EXPENDITURE for the Twelve Months ending 31st March, 1902.

Sections.	Maintenance of Way and Works.					Locomotive Power.						Carriages.	Wagons.	Traffic.	Head Office.	Departmental Offices.	Less Credit Recoveries.	Total.	
	Permanent-way.	Structures.	Buildings.	Miscellaneous.	General Charges.	Total.	Working Locomotives.	Fuel and Water.	Oil, Tallow, &c.	Renewals and Repairs.	General Charges.								Total.
WAGES.																			
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
Kawakawa	564 16 3	39 13 0	18 2 4	..	..	622 11 7	220 18 6	4 7 0	..	22 17 0	..	248 2 6	7 0 9	202 16 4	619 11 4	18 13 8	212 9 2	218 0 6	1,713 4 10
Whangarei	1,739 7 3	348 12 8	103 7 5	95 11 7	..	2,286 18 11	1,019 6 3	39 6 8	..	553 16 0	..	1,612 8 11	99 2 10	446 0 1	1,916 6 9	178 6 8	383 9 10	209 8 0	6,713 6 0
Kaihu	1,319 11 10	448 1 6	98 18 9	23 4 6	..	1,889 16 7	489 11 11	14 1 0	..	275 14 4	..	779 7 3	95 17 4	179 8 4	928 15 4	102 1 5	387 5 4	120 16 9	4,241 14 10
Auckland	26,760 15 7	6,083 5 3	2,481 19 3	554 6 4	..	35,889 5 5	15,068 8 11	1,080 0 3	..	4,490 12 4	..	20,639 1 6	2,049 12 0	3,585 4 4	29,298 1 6	2,202 14 4	4,825 10 2	1,509 8 7	96,980 1 8
Wellington - Napier - New Plymouth	49,384 0 7	15,599 16 4	6,421 19 8	2,213 10 5	..	73,619 7 0	34,789 6 9	2,238 10 2	..	19,210 1 11	..	56,237 18 10	5,527 1 10	9,397 11 8	68,278 13 4	4,913 4 3	9,755 4 4	3,047 7 0	224,681 14 3
Hurunui-Bluff	102,697 9 3	25,327 2 9	11,934 5 1	3,027 3 2	..	142,986 0 3	64,761 14 2	5,381 11 6	..	25,805 15 9	..	95,949 1 5	8,933 11 11	16,513 15 8	165,450 10 7	10,118 6 4	17,516 14 7	6,450 7 3	451,017 13 6
Westland	8,586 12 7	2,405 3 5	710 14 10	791 17 11	..	12,494 8 9	3,981 6 7	183 10 2	..	1,550 11 7	..	5,715 8 4	513 2 4	1,109 7 8	10,615 13 10	751 14 0	2,012 2 6	189 8 2	33,022 9 3
Westport	3,517 4 10	2,625 16 11	429 9 6	237 2 4	..	6,809 13 7	2,822 5 6	148 10 4	..	1,560 17 9	..	4,531 13 7	82 4 6	2,996 17 2	7,537 12 11	682 4 0	1,526 13 7	75 14 11	24,091 4 5
Nelson	2,610 16 1	925 2 10	246 8 3	120 18 10	..	3,903 6 0	1,048 13 8	72 13 0	..	376 7 3	..	1,497 13 11	153 10 4	293 15 5	3,106 17 2	133 4 6	468 0 3	277 13 9	9,278 13 10
Picton	1,962 13 11	570 11 9	113 8 9	14 0 1	..	2,660 14 6	853 0 6	Cr. 163 16 5	..	24 19 8	..	714 3 9	23 17 5	292 9 11	1,726 6 0	110 17 2	457 10 1	9 5 0	5,976 13 10
Totals	199,152 8 2	54,373 6 5	22,558 13 10	7,077 15 2	..	283,162 3 7	125,054 12 9	8,998 13 8	..	53,871 13 7	..	187,925 0 0	17,485 1 3	35,017 6 7	289,478 8 9	19,211 6 4	37,544 19 10	12,107 9 11	857,716 16 5
STORES.																			
Kawakawa	121 0 10	15 17 3	19 13 11	..	..	156 18 0	..	35 11 9	8 13 0	0 14 5	..	44 19 2	1 14 5	68 17 4	34 3 7	..	..	19 0 0	287 12 6
Whangarei	529 19 0	105 14 7	76 6 5	55 19 2	..	767 19 2	..	413 1 9	62 19 4	153 1 10	..	629 2 11	65 19 11	431 15 2	147 6 4	..	..	21 11 2	2,020 12 4
Kaihu	350 12 4	176 16 3	37 11 7	29 16 9	..	594 16 11	..	351 12 4	17 3 11	83 15 10	..	452 12 1	11 14 8	46 17 5	69 0 5	..	..	1 2 6	1,173 19 0
Auckland	13,876 3 5	2,020 6 1	2,430 8 9	281 8 5	..	18,608 6 8	..	10,041 5 7	895 7 8	2,751 8 0	..	13,688 1 3	1,527 0 3	2,103 0 11	2,411 14 3	..	..	1,629 3 9	36,708 19 7
Wellington - Napier - New Plymouth	34,828 3 11	4,219 4 11	7,390 4 4	661 5 5	..	47,098 18 7	..	38,321 18 8	2,569 5 0	12,413 2 3	..	53,304 5 11	2,959 11 1	5,666 17 6	6,666 13 9	..	..	4,498 17 2	111,137 9 8
Hurunui-Bluff	54,677 12 4	9,790 14 8	7,537 8 10	1,259 8 2	..	73,265 4 0	..	59,174 18 7	3,838 6 11	14,879 12 7	..	77,892 18 1	7,403 15 3	12,551 19 5	13,588 2 9	..	..	6,032 10 1	178,660 9 5
Westland	2,211 12 3	858 10 5	638 3 1	543 10 7	..	4,251 16 4	..	1,117 2 0	187 0 1	990 16 10	..	2,294 18 11	224 5 3	756 4 6	1,268 10 3	..	..	3 17 7	8,791 17 8
Westport	1,036 11 7	1,109 5 1	133 4 3	189 1 7	..	2,468 2 6	..	653 0 9	292 7 8	813 17 3	..	1,759 5 8	41 10 0	1,021 6 8	726 3 6	..	..	632 16 9	5,383 11 7
Nelson	566 15 0	596 0 5	86 14 0	0 15 1	..	1,250 4 6	..	622 0 8	49 8 8	181 18 11	..	853 8 3	92 4 0	177 8 9	299 10 0	..	..	216 0 6	2,456 15 0
Picton	855 11 2	277 7 5	53 16 6	3 8 4	..	1,190 3 5	..	734 7 0	44 0 9	238 5 9	..	1,016 13 6	7 4 0	197 1 7	171 1 5	..	..	108 9 6	2,473 14 5
Totals	109,054 7 10	19,169 17 1	18,403 11 8	3,024 13 6	..	149,652 10 1	..	111,464 19 1	7,964 13 0	32,506 13 8	..	151,936 5 9	12,334 18 10	22,961 9 3	25,382 6 3	..	..	13,163 9 0	349,104 1 2
MISCELLANEOUS.																			
Kawakawa	0 2 0	..	..	..	2 16 7	2 18 7	..	..	..	0 17 7	..	0 17 7	0 8 10	5 4 1	6 11 2	..	..	..	16 0 3
Whangarei	3 2 11	..	..	..	26 7 1	29 10 0	..	0 14 10	..	44 3 7	..	53 6 11	16 5 10	70 12 3	112 10 6	..	..	..	282 5 6
Kaihu	0 10 3	0 13 10	..	..	14 16 5	16 0 6	..	0 2 5	..	26 17 7	..	31 15 11	3 13 6	10 0 5	36 14 4	..	..	..	98 4 8
Auckland	162 11 9	52 4 10	5 8 1	2 13 2	325 8 6	548 6 4	..	10 6 10	..	1,115 15 9	104 13 4	1,230 15 11	625 17 8	795 11 6	2,128 10 10	..	..	..	5,339 2 3
Wellington - Napier - New Plymouth	130 16 11	259 16 10	22 16 3	23 12 7	731 2 11	1,168 5 6	..	14 8 8	..	4,547 11 2	234 17 5	4,796 17 3	1,505 4 3	2,360 11 11	5,073 16 0	..	..	..	14,904 14 11
Hurunui-Bluff	197 12 0	136 6 4	9 2 9	1 19 1	1,499 8 3	1,844 8 5	..	11 1 7	..	3,769 0 0	482 18 11	4,263 0 6	1,749 16 8	3,585 3 9	9,563 0 0	..	..	..	21,005 9 4
Westland	25 0 8	67 17 5	..	5 5 0	112 11 10	210 14 11	..	5 14 9	..	359 10 11	36 9 11	401 15 7	169 11 0	311 2 0	649 13 10	..	..	..	1,742 17 4
Westport	25 3 7	18 17 8	0 3 0	5 6 1	101 7 6	150 17 10	..	8 15 1	..	419 17 6	31 16 10	460 9 5	76 18 7	334 17 6	581 5 3	..	..	..	1,604 8 7
Nelson	4 1 1	17 8 10	..	0 16 0	19 18 4	42 4 3	..	..	..	13 16 10	6 7 9	20 4 7	12 17 7	36 19 11	100 16 5	..	..	..	213 2 9
Picton	0 10 11	2 9 6	..	..	16 6 11	19 7 4	..	..	..	45 19 7	5 9 4	51 8 11	3 10 4	38 12 6	97 4 7	..	..	..	210 3 8
Totals	549 12 1	555 15 3	37 10 1	39 11 11	2,850 4 4	4,032 13 8	..	51 4 2	..	10,342 12 11	916 15 6	11,310 12 7	4,174 4 3	7,548 15 10	18,350 2 11	..	..	..	45,416 9 3
Grand totals	308,756 8 1	74,098 18 9	40,999 15 7	10,142 0 7	2,850 4 4	436,847 7 4	125,054 12 9	120,514 16 11	7,964 13 0	96,721 0 2	916 15 6	351,171 18 4	33,994 4 4	65,527 11 8	333,210 17 11	19,211 6 4	37,544 19 10	25,270 18 11	1,252,237 6 10

RETURN No. 5.

COMPARATIVE STATEMENT of PASSENGER and GOODS TRAFFIC for the Twelve Months ending 31st March, 1902.

Main comparative statement table with columns for Sections, Length Open for Traffic, Passengers (First Class, Second Class, Total), Total Season Tickets, Parcels &c. (Parcels, Horses, Carriages, Dogs, Total), Drays &c., Cattle, Calves, Sheep, Pigs, Total, Equivalent Tonnage for Live-Stock &c., Live-Stock, Goods &c. (Chaff, Lime &c., Wool, Firewood, Timber, Grain, Merchandise, Minerals, Total), and Grand Total Tonnage.

Revenue and Mileage table with columns for Sections, Ordinary Passengers, Season Tickets, Parcels, Luggage, and Mails, Total Coaching, Goods, Miscellaneous, Rents and Commission, Total Goods, Grand Total Revenue, Train, Shunting and Ballasting, and Total. Includes sub-sections for 1901-2 and 1900-1.

A. C. FIFE, Railway Accountant.

RETURN No. 6.

ESTIMATED AMOUNT of Government Expenditure on Construction of Railways, Net Revenue, and Rate of Interest earned on Capital expended on Opened Lines.

Section.	State of Line.	1901-2.		
		Cost of Construction.	Net Revenue.	Rate of Interest.
Kawakawa	Opened	£ 92,488	£ -201	£ s. d.
"	Unopened	22,403	..	..
Whangarei	Opened	174,182	8,276	4 15 0
"	Unopened	2,693	..	..
Kaibu	Opened	70,829	4,365	6 3 3
Auckland	"	2,596,076	75,325	2 18 0
"	Unopened	302,453	..	..
Gisborne-Karaka	"	59,950	..	..
Wellington-Napier-New Plymouth	Opened	4,256,798	130,927	3 1 6
"	Unopened	372,523	..	..
Wellington-Foxton (private line) .. .. .	..	42,116	..	..
Surveys, North Island .. .. .	..	24,557	..	..
Miscellaneous .. .. .	..	5,169	..	..
Hurunui-Bluff	Opened	9,764,629	335,978	3 8 10
"	Unopened	232,306	..	..
Greymouth Harbour Works	Opened	127,234	..	..
Westland	"	410,212	29,495	5 9 9
"	Unopened	16,314	..	..
Ngahere-Blackball	"	117	..	..
Westport	Opened	220,773	..	..
" Harbour Works	"	14,111	34,737	14 15 9
Nelson	"	167,909	1,131	0 13 6
"	Unopened	12,537	..	..
Pictou	Opened	207,330	2,316	1 2 4
"	Unopened	130,906	..	..
Stock, permanent-way .. .. .	..	58,258	..	..
Stock, A.O.L. stores	Opened	43,151	..	..
Surveys, Middle Island .. .. .	..	38,356	..	..
Miscellaneous .. .. .	..	5,168	..	..
Stock in suspense	Opened	25,000	..	..
Total opened .. .. .	..	18,170,722	622,349	3 8 6
Total unopened .. .. .	..	1,325,831	..	..
Gross total .. .. .	..	19,496,553	622,349	3 3 10

NOTE.—The amount stated as cost of construction of opened lines includes the Provincial and General Government expenditure on railways. It does not include cost of Midland Railway nor expenditure by the Greymouth and Westport Harbour Boards on harbour works, &c.

A. C. FIFE,
Railway Accountant.

RETURN No. 7.

EXPENDITURE under VOTE for ADDITIONS to OPEN LINES, charged to Capital Account, for the Twelve Months ending 31st March, 1902.

Department.	Total Expenditure.
Material on hand at 31st March, 1901	£ 47,910 11 7
Expenditure charged to Vote 83 by Treasury	773,229 6 6
Less material on hand at 31st March, 1902	821,139 18 1
	43,151 4 4
Expenditure on Works, &c. —	
Way and Works Department	£176,339 2 1
Locomotive Department	601,649 11 8
	£777,988 13 9

WAY AND WORKS DEPARTMENT: PARTICULARS OF WORKS, ETC.

Section.	Work, &c.	Amount.	Total.
Whangarei	Additions and improvements to station buildings, platforms, and signals	£ 188 0 1	£ s. d.
"	Respacing sleepers	424 9 0	..
"	Bridge-strengthening	46 9 11	658 19 0
Kaibu	Land .. .. .	..	17 18 1
Auckland	Additional works, water-services, &c., for Locomotive Department	146 6 4	..
"	Additions and improvements to station buildings, platforms, and signals	2,324 14 8	..
"	Sidings, loading-banks, stockyards, approaches, and crossings	168 12 11	..
"	Additions to dwellings	64 17 5	..
"	Respacing sleepers	2,381 9 1	..
"	Relaying	5,041 17 0	..
"	Bridge-strengthening	802 3 11	..
"	Land	20 0 0	..
"	Fencing	317 16 11	..
"	Reclamation works	112 0 0	..
"	Interlocking appliances	1 15 10	..
	Carried forward .. .. .	..	11,381 14 1
			12,058 11 2

RETURN NO. 7—*continued.*
WAY AND WORKS DEPARTMENT, ETC.—*continued.*

Section.	Work, &c.	Amount.	Total.	
		£ s. d.	£ s. d.	
Wellington—Napier—New Plymouth	Brought forward		12,058 11 2	
	Additional works, water-services, &c., for Locomotive Department	1,265 16 0		
	Additions and improvements to station buildings, platforms, and signals	20,094 14 4		
	Sidings, loading-banks, stockyards, approaches, and crossings	4,481 8 6		
	Additions to dwellings	1,933 9 2		
	Additions to Petone Workshops	375 7 7		
	Additions to Eastown Workshops	2,584 18 2		
	Respacing sleepers	5,202 4 9		
	Relaying	5,133 6 11		
	Bridge-strengthening	6,525 0 4		
	Land	25 0 0		
	Viaduct, Mangatira	1,797 17 4		
	Fencing	2,555 5 11		
	Telegraph and telephone facilities	714 6 8		
	Creosoting plant	991 4 4		
	Improvements to recreation-grounds, Upper Hutt	81 15 5		
Blockworking	15,689 4 0			
Interlocking appliances	1,264 11 11			
Departmental offices, Wellington	10,258 10 4			
			81,024 1 8	
Hurunui—Bluff— (Christchurch District)	Additional works, water-services, &c., for Locomotive Department	675 12 1		
	Additions and improvements to station buildings, platforms, and signals	6,158 18 4		
	Sidings, loading-banks, stockyards, approaches, and crossings	1,326 15 2		
	Additions to dwellings	695 17 2		
	Additions to Addington Workshops	1,386 12 1		
	Respacing sleepers	2,021 3 7		
	Relaying	6,493 7 9		
	Bridge-strengthening	1,001 0 0		
	Land	170 12 0		
	Interlocking appliances	4,220 16 4		
				24,150 14
	(Dunedin District)	Additional works, water-services, &c., for Locomotive Department	171 15 4	
		Additions and improvements to station buildings, platforms, and signals	16,085 12 5	
Sidings, loading-banks, stockyards, approaches, and crossings		658 11 8		
Additions to dwellings		177 13 5		
Additions to Hillside Workshops		67 19 3		
Respacing sleepers		2,427 3 3		
Relaying		1,828 7 3		
Bridge-strengthening		394 2 5		
Protective works		1,107 5 5		
Stone-crusher, Mosgiel		2,442 6 10		
Reclamation		91 14 8		
Weighbridges		387 0 8		
Fencing		25 9 6		
Blockworking		1,973 12 9		
Interlocking appliances		5,681 16 6		
				33,520 11 4
(Invercargill District)	Additional works, water-services, &c., for Locomotive Department	213 3 5		
	Additions and improvements to station buildings, platforms, and signals	10,199 14 6		
	Sidings, loading-banks, stockyards, approaches, and crossings	631 4 10		
	Additions to dwellings	94 16 6		
	Respacing sleepers	2,347 1 10		
	Relaying	2,213 3 4		
	Bridge-strengthening	374 3 9		
	Land	3,110 0 0		
	Creosoting plant	1,195 18 2		
	Water-openings, Forest Hill Railway	231 16 8		
	Interlocking appliances	149 19 6		
				20,761 2 6
	Westland	Additions and improvements to station buildings, platforms, and signals	182 3 9	
Sidings, loading-banks, stockyards, approaches, and crossings		196 1 1		
Additions to dwellings		664 12 2		
Respacing sleepers		1,142 5 10		
Bridge-strengthening		105 0 0		
Fencing		612 14 4		
Stopbank above Otira		703 14 3		
Footbridge, Teremakau	14 8 11			
			3,621 0 4	
Nelson	Stockyards	11 1 6		
	Filling in mud-flat, Nelson	317 2 11		
	Respacing sleepers	205 13 0		
	Relaying	524 5 2		
			1,058 2 7	
Picton	Respacing sleepers	144 18 0		
			176,339 2 1	

RETURN NO. 7—continued.

LOCOMOTIVE DEPARTMENT: PARTICULARS OF ROLLING-STOCK, ETC.

Description of Stock ordered.	Order.	Number incomplete on March 31, 1901.	Completed on 31st March, 1902.	Incomplete on 31st March, 1902.	Expenditure in Year ended 31st March, 1902.	
					£	s. d.
Locomotives, Class B	M	5	2	3	2,846	13 5
Carriages, double-bogie, Class A	N	1	..	1	..	..
" conversion to double-bogie, Class A	O	20	..	20	228	13 10
" double-bogie, Class A	W-1	20	20	..	7,583	12 2
Wagons, four-wheel, Class L, highside	S-2	146	126	20	8,314	7 5
Carriages, double-bogie, Class A	A-3	46	18	28	13,465	9 1
Brake-vans, Class F	B-3	27	27	..	10,279	17 1
Wagons, four-wheel, Class G, horse-boxes	C-3	28	18	10	2,875	16 10
" " Class H, cattle-trucks	D-3	25	10	15	1,352	7 11
" " Class J, sheep-trucks	E-3	55	55	..	4,463	15 5
" " Class K, covered goods	F-3	77	9	68	3,102	19 11
" " Class L, high-side	G-3	500	174	326	37,267	4 6
" " Class M, low-side	H-3	145	58	87	7,105	17 7
" " Class N, timber-trucks	I-3	5	..	5	377	15 10
" double-bogie, Class S, sheep-trucks	J-3	2	2	..	452	2 11
" " Class T, cattle-trucks	K-3	18	12	6	2,121	5 9
" " Class U, platform	L-3	5	5	..	421	11 10
" four-wheel, Class W, frozen-meat	M-3	21	11	10	916	6 6
" " Class X, cool-trucks	N-3	..	..	..	*633	11 10
" double-bogie, Class Z, covered-goods	O-3	11	11	..	2,063	14 4
" " Class Z, "	P-3	2	2	..	337	2 8
Brake-vans, four-wheel, Class F (Fell)	Q-3	..	..	..	*68	10 7
Tarpaulins	R-3	800	800	..	2,579	11 9
Carriages from American Car and Foundry Company, Class A, corridor	S-3	60	60	..	82,132	11 5
Locomotives, Class Fb	T-3	6	..	6	1,316	11 7
" Class Wa	U-3	3	..	3	1,317	11 8
" conversions from L to La	V-3	3	..	3	..	..
Carriages, double-bogie, Class A	X-3	1	1	..	88	17 7
" conversions to double-bogie, Class A	Y-3	3	..	3	..	..
Wagons, double-bogie, Class V, frozen-meat	C-4	10	10	..	3,104	11 4
Engine turntables, 50 ft.	E-4	1	1	..	59	12 6
Locomotives from Baldwin Co., U.S.A.: 10 Class U, 12 Wa	F-4	22	22	..	52,954	2 7
Cranes, steam, 7-ton	G-4	3	2	1	3,595	9 3
" " 7-ton	H-4	1	1	..	959	15 2
" " 5-ton	I-4	1	1	..	940	2 9
" breakdown, 10-ton	J-4	3	1	2	2,077	12 2
Brake-vans, conversions to double-bogie, Class F	K-4	4	..	4	96	18 8
Alter Class W wagons for butter traffic	L-4	5	5	..	55	10 3
Wagons, four-wheel, Class W, frozen-meat	M-4	15	..	15	1,583	2 8
Locomotives from Baldwin Co., U.S.A.: 4 Class N, 13 Class Q, and 6 Class Wa	N-4	23	23	..	†44,828	16 11
Locomotives from Brooks Co., U.S.A., Class U	O-4	1	1	..	†2,618	6 8
" " Richmond Co., U.S.A., Class U	P-4	1	1	..	†2,374	3 4
Wagons, 12-ton, from Great Britain, Class La	Q-4	1,000	900	100	188,685	8 10
Carriages, double-bogie, Class A	R-4	2	1	1	1,070	6 11
Wagons, " Class U	S-4	6	6	..	721	15 1
Refreshment-carriage, Class A	T-4	1	1	..	696	14 5
Carriages, conversion to refreshment-cars	U-4	3	3	..	865	15 1
Wagons, double-bogie, Class U, platform	V-4	4	4	..	724	6 1
" " " "	W-4	11	..	11	183	16 7
Tarpaulins	X-4	10	10	..	31	18 6
Locomotives from Sharp, Stewart, and Co., Class U	Y-4	10	10	..	33,961	10 5
Wagons, four-wheel, Class La, from contractors	Z-4	225	200	25	30,972	3 2
" " Class M, lowside	A-5	8	8	..	135	14 2
Fitting additional lavatory accommodation in carriages .. .. .	..	..	..	..	163	4 11
Fitting rolling-stock with Westinghouse brake .. .. .	..	..	..	..	19,413	1 7
" wagons for passenger traffic .. .. .	..	..	..	..	845	3 10
" second-class compartments of bogie-cars with cushions .. .. .	..	..	..	..	2,012	4 7
Fitting gangways on carriages .. .. .	..	..	..	..	23	10 9
Compressed-gas lighting for carriages .. .. .	..	..	..	..	333	3 5
Lighting Petone shops electrically .. .. .	..	..	..	..	190	17 4
Machinery for workshops .. .. .	..	..	..	..	12,117	10 3
Less material for dining-cars (charged 1900-1, but used on other cars) .. .. .	..	..	..	..	602,110	11 7
	..	..	..	..	460	19 11
Total .. .. .	..	..	..	..	£601,649	11 8

Particulars.	Number under Order.	Additional Stock.		Conversions.	
		Completed on 31st March, 1902.	Incomplete on 31st March, 1902.	Completed on 31st March, 1902.	Incomplete on 31st March, 1902.
Total locomotives	74	59	12	..	3
" carriages	157	101	30	3	23
" brake-vans	31	27	..	..	4
" wagons, bogie	69	52	17	..	..
" " four-wheel	2,250	1,569	681	..	..
" tarpaulins	810	810	..	..	..
" cranes	8	5	3	..	..

* Additional expenditure on orders N-3 and Q-3 brought into stock year ending 31st March, 1901.

† Represents 75 per cent. of cost.

‡ Represents 90 per cent. of cost.

RETURN NO. 8.

RETURN of REVENUE received by Railway Department from other Departments of the Public Service during the Financial Year ended 31st March, 1902.

Department.	Passengers.		Season Tickets.		Mails.		Goods.		Total.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Defence	10,671	19 0	547	17 0	..	..	4,726	18 9	15,946	14 9
Police	2,216	5 9	195	0 0	..	..	311	14 6	2,723	0 3
Public Works	401	10 4	433	8 3	..	..	15,231	9 10	16,066	8 5
Mines	5	0 4	206	10 0	..	..	62	12 5	274	2 9
Agricultural	98	11 8	567	6 6	..	..	1,319	3 1	1,985	1 3
Lands and Survey, Roads, &c.	232	9 11	1,155	18 4	..	..	984	18 8	2,373	6 11
Customs	54	14 4	44	0 0	..	..	11	6 7	110	0 11
Colonial Secretary	5,198	19 10	55	0 0	..	..	283	15 4	5,537	15 2
Lunatic Asylums, &c.	63	3 3	42	2 0	..	..	396	1 10	501	7 1
Marine and Machinery	2	9 9	394	7 6	..	..	21	8 10	418	6 1
Prisons	163	17 3	30	0 0	..	..	48	5 3	242	2 6
Audit .. .. .	..	..	222	10 0	..	..	..	..	222	10 0
Education	2,593	13 11	3,848	6 0	..	..	85	11 4	6,527	11 3
Labour	456	0 10	90	0 0	..	..	7	5 1	553	5 11
Land and Income Tax, and Valuation .. .. .	..	..	253	18 0	..	..	..	..	253	18 0
Native and Justice	1,060	3 2	630	0 9	..	..	519	15 3	2,209	19 2
Tourist and Health Resorts, &c.	37	19 4	98	0 0	..	..	148	8 9	284	8 1
Bankruptcy .. .. .	..	..	..	..	..	..	0	2 3	0	2 3
Public Trustee .. .. .	..	..	17	10 0	..	..	..	..	17	10 0
Government Insurance .. .. .	..	..	35	0 0	..	..	..	..	35	0 0
Government Printer	2	12 0	..	..	..	..	28	5 10	30	17 10
Legislative	2	19 2	..	..	..	..	..	..	2	19 2
Registrar-General .. .. .	..	..	..	..	..	..	0	1 3	0	1 3
Stamps and Deeds	2	10 0	37	10 0	..	..	5	11 3	45	11 3
Health	3	1 10	362	4 0	..	..	0	3 1	365	8 11
Meteorological	2	11 9	..	..	..	..	..	..	2	11 9
Postal and Telegraph	1,646	7 5	265	11 6	11,210	18 11	1,739	15 10	14,862	13 8
Totals	24,917	0 10	9,531	19 10	11,210	18 11	25,932	15 0	71,592	14 7

A. C. FIFE,
Railway Accountant.

RETURN NO. 9.

STATEMENT of SEASON TICKETS issued for the Year ended 31st March, 1902.

Description.	Number.	Amount.
Travellers' tickets, all lines... .. .	8	£ 500 0 0
Travellers' tickets, North Island	85	3,050 0 0
Travellers' tickets, Middle Island	67	3,486 10 0
Reporters' tickets	60	599 15 2
Sectional tickets	159	4,410 11 10
Tourists' tickets, North Island	73	374 0 0
Tourists' tickets, Middle Island	41	255 0 0
Tourists' tickets, all lines... .. .	124	1,009 5 0
Fifty-trip commutation ordinary tickets	2,263	1,517 6 6
Fifty-trip commutation family tickets	1,216	1,831 1 0
School tickets	9,363	5,184 11 9
Teachers' Saturday tickets	215	243 10 0
Twenty-trip commutation tickets	467	340 11 8
Twelve-trip workmen's tickets	28,278	3,927 17 0
Weekly workmen's tickets	49,444	4,943 19 6
All other season tickets	8,915	13,647 14 11
Totals	100,778	45,321 14 4

A. C. FIFE,
Railway Accountant.

RETURN NO. 10.

STATEMENT showing CLASSIFICATION of EXPENDITURE on MAINTENANCE of WAY and WORKS for the Twelve Months ending 31st March, 1902.

Classification of Work.	SECTIONS.													Total.
	Kawakawa.	Whangarei.	Kaihu.	Auckland.	Wellington-Napier-New Plymouth.	Christchurch.	Dunedin.	Invercargill.	Westland.	Westport.	Nelson.	Picton.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
Track-surfacing ..	297 9 11	945 8 10	969 13 5	19,388 4 10	33,753 10 7	27,988 14 3	329,455 15 0	19,907 11 3	7,361 16 3	2,669 10 8	1,882 10 8	1,447 5 10	146,067 11 6	
Track-renewals ..	232 14 5	939 15 2	462 2 7	16,741 17 3	143,644 18 6	30,069 10 10	19,509 16 6	19,681 11 5	2,810 6 5	1,205 5 5	936 3 1	1,217 8 5	137,451 9 10	
Ballasting ..	17 17 6	184 17 3	104 4 8	1,937 11 2	3,381 13 0	1,825 1 3	1,905 0 7	906 10 9	78 5 4	536 7 10	216 4 5	72 15 11	11,166 9 8	
Banks, cuttings, ditches, tunnels ..	138 3 3	202 7 11	134 13 9	2,740 17 8	3,562 19 4	1,711 13 3	2,858 14 11	1,752 13 7	572 17 6	167 16 1	146 14 0	81 5 10	14,070 17 1	
Bridges, culverts, drains ..	36 2 9	193 14 7	497 12 2	4,820 2 1	13,073 1 1	10,609 9 10	7,867 0 10	4,047 17 11	2,122 16 6	1,699 11 3	106 2 11	552 17 7	45,626 9 6	
Fences, gates, cattle-stops, hedges ..	1 4 0	94 19 6	18 3 4	1,149 17 2	3,972 3 2	1,660 1 7	2,518 7 11	1,639 14 0	344 9 11	46 11 8	198 11 8	105 12 11	11,749 16 10	
Roads, approaches, &c. ..	..	6 18 8	..	614 16 6	942 2 8	299 2 7	875 1 3	382 11 0	184 5 7	33 6 9	10 8 0	43 19 2	3,392 12 2
Water-services, signals, cranes, appliances ..	2 2 5	12 10 0	29 11 10	789 18 9	2,045 5 4	1,844 17 1	2,232 13 7	964 4 1	318 9 4	199 16 0	64 7 0	18 10 4	8,522 5 9	
Wharves ..	16 1 1	146 4 6	80 4 3	781 1 8	46 5 10	52 10 5	237 13 1	22 18 7	361 9 11	1,774 14 0	1,159 2 6	129 8 8	4,807 14 6	
Buildings ..	37 16 3	179 13 10	136 10 4	4,917 16 4	13,835 0 3	8,311 6 0	7,491 12 3	3,677 18 5	1,348 17 11	562 16 9	333 2 3	167 5 3	40,999 15 7	
Miscellaneous ..	..	151 10 9	53 1 3	838 7 11	2,898 8 5	1,485 2 0	2,102 4 10	701 3 7	1,340 13 6	431 10 0	122 9 11	17 8 5	10,142 0 7
General charges ..	2 16 7	26 7 1	14 16 5	325 8 6	731 2 11	580 6 10	486 6 11	432 14 6	112 11 10	101 7 6	19 18 4	16 6 11	2,850 4 4	
Totals ..	782 8 23	3,084 8 12	5,500 14 0	55,045 19 5	121,886 11 1	86,437 15 11	77,540 7 8	54,117 9 1	16,957 0 0	9,428 13 11	15,195 14 9	3,870 5 3	343,684 7 4	
Rate per mile opened ..	97 16 0	134 2 1	147 2 0	161 8 6	270 5 2	187 18 2	200 8 0	157 15 6	151 8 0	304 3 0	157 8 11	184 6 0	196 3 4	

A. C. FIFE, Railway Accountant.

RETURN NO. 11.
STATEMENT showing NUMBER of PASSENGER TICKETS issued at CHEAP EXCURSION RATES for Year ending 31st March, 1902.

Section.	SCHOOLS, FACTORIES, AND FRIENDLY SOCIETIES.				HOLIDAY EXCURSIONS.				GROSS TOTAL—SCHOOL AND HOLIDAY EXCURSIONS.		
	Schools, and Friendly Soc's. Children not exceeding 15 Years of Age.	Schools only. Senior Scholars over 15 but not exceeding 23 Years of Age, and Teachers.	Schools, and Factories, and Friendly Societies. Adults.	Total.	Revenue. £ s. d.	1st Class. No.	2nd Class. No.	Total. No.	Revenue. £ s. d.	Number of Tickets.	Revenue. £ s. d.
Kawakawa	No. 73	No.	No. 167	No. 240	7 9 7	...	...	...	...	240	7 9 7
Whangarei	...	...	...	...	...	...	...	...	...	74	7 12 0
Kaihu	...	...	...	...	...	...	...	...	...	504	28 18 11
Auckland	2,366	61	234	3,841	168 0 9	4,121	120,273	124,394	20,411 11 5	128,235	20,579 12 2
Wanganui	3,070	441	1,034	7,554	436 12 4	9,339	65,695	75,034	16,182 0 0	82,588	16,618 12 4
Wellington-Napier	4,895	525	3,959	8,219	425 1 11	16,502	79,536	96,038	19,687 10 7	104,257	20,112 12 6
Pictou	1,115	998	2,826	2,137	120 19 7	1,218	6,010	7,228	421 4 0	9,365	542 3 7
Nelson	2,594	77	347	3,130	98 5 6	1,467	9,309	10,776	846 0 9	13,906	944 6 3
Westport	162	189	347	302	10 6 6	38	5,877	5,915	435 7 8	6,217	445 14 2
Westland	3,170	3	2,555	6,010	470 2 2	2,052	23,147	25,199	2,837 13 8	31,209	3,307 15 10
Christchurch	12,029	285	11,273	24,938	1,758 17 8	31,072	137,604	168,676	28,482 6 6	193,614	30,191 4 2
Dunedin	9,155	1,636	10,957	21,216	1,286 4 11	24,405	87,098	111,503	32,895 3 11	132,719	34,181 8 10
Invercargill	4,168	1,104	3,274	7,559	655 16 11	5,409	54,195	59,604	14,656 9 7	67,463	15,312 6 6
Totals { 1902	42,506	5,736	37,708	85,950	5,466 16 9	95,628	588,813	684,441	136,813 0 1	770,391	142,279 16 10
{ 1901	38,864	5,602	34,550	79,016	5,234 16 8	87,544	541,624	629,168	102,932 10 9	708,184	108,167 7 5
Increase	3,642	134	3,158	6,934	232 0 1	8,084	47,189	55,273	33,880 9 4	62,207	34,112 9 5
Decrease	...	...	...	...	...	...	...	...	...	...	...
Total, year ending—	63,598	5,949	38,467	108,014	7,246 5 9	50,511	239,164	289,675	50,232 12 11	397,689	57,478 18 8
31st March, 1896	44,610	5,993	33,925	84,528	5,616 2 8	58,464	313,724	372,188	63,439 0 0	456,716	69,055 2 8
31st March, 1897	39,963	5,398	35,064	80,425	5,569 18 1	66,012	383,569	449,581	80,822 8 1	530,006	86,392 6 2
31st March, 1898	45,748	6,192	39,955	91,895	6,215 11 8	70,531	411,747	482,278	84,794 15 6	574,173	91,010 7 2
31st March, 1899	37,839	5,616	31,164	74,619	4,752 3 10	81,528	501,176	582,704	96,154 7 5	657,323	100,906 11 3
31st March, 1900	38,864	5,602	34,550	79,016	5,234 16 8	87,544	541,624	629,168	102,932 10 9	708,184	108,167 7 5
31st March, 1901	42,506	5,736	37,708	85,950	5,466 16 9	95,628	588,813	684,441	136,813 0 1	770,391	142,279 16 10

RETURN No. 12. STATEMENT of REVENUE and EXPENDITURE of each Station for the Twelve Months ending 31st March, 1902.

Main data table with columns for Stations, Hours, No. of Hands employed, Traffic Expenditure, and various revenue and expenditure items categorized into OUTWARD and INWARD.

RETURN No. 12—continued.

STATEMENT of REVENUE and EXPENDITURE of each Station for the Twelve Months ending 31st March, 1902—continued.

OUTWARD.

INWARD.

Main data table with columns for Stations, Hours open, No. of Hands employed, Traffic Expenditure, and various revenue and expenditure items for both Outward and Inward directions. Includes sub-sections for Wellington-Napier and Westland sections.

RETURN No. 12—continued.

STATEMENT OF REVENUE AND EXPENDITURE OF each Station for the Twelve Months ending 31st March, 1902—continued.

Main table with columns for Stations, Hours open, No. of Hands employed, Traffic Expenditure, and various revenue and expenditure items categorized by 'OUTWARD' and 'INWARD' directions. Includes sub-sections for Westland, Westport, Nelson, Picton, and Hurunui-Bluff.

Carried forward... 862 69,502 19 0 63,299 120,356 237,492 434,462 876,228 22,420 131,640 2,251 888 5,558 296 1,635 11,268 894 764,067 27,034 190,770 1,878 29,009,800 305,673 16 165,315 18 141,778 12 101,387 16 0 8,267 11 10,726 6 3 2,999 0 224,932 8 11 9,324 4 8 8,019 17 1 365,997 4 2 129,764 2,144 345 5,536 284 1,831 11,117 1,092 825,748 26,484 186,462 1,828 30,889,800 279,516 5 166,488 14 149,407 8 Carried forward.

STATEMENT OF REVENUE AND EXPENDITURE of each Station for the Twelve Months ending 31st March, 1902—continued.

Main table with columns for Stations, Hours open, No. of Hands employed, Traffic Expenditure, and various revenue and expenditure items categorized under 'OUTWARD' and 'INWARD'.

RETURN No. 13.

STATEMENT of CARRIAGE and WAGON STOCK, and TARPAULINS, for the Year ending 31st March, 1902.

Description.	Class.	Kawakawa.	Whangarei.	Kaiti.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Pictou.	Total.
CARRIAGES.												
Royal saloon, bogie, 44 feet	A				1	1	1					3
Gallery-cars, " 44 feet	A						5					5
Saloon, bogie, 44 feet	A						1					1
" " 41 feet	A				3	2	4					9
" " 39½ feet	A				1	6	7					14
" " 37½ feet	A					2						2
" " 35 feet	A					3						3
Refreshment-cars, bogie, 44 feet	A					3	4					7
Corridor, bogie, first class, 47½ feet	A				4	6	10					20
First class, bogie, 44 feet	A					1	1					2
" " 42½ feet	A						8					8
" " 30 feet	B					1	4					5
" " 6-wheel	C						5					5
" " 4-wheel	D		2			3	4	1			1	11
Corridor, bogie, composite, 47½ feet	A				4	6	11					21
Composite, bogie, 44 feet	A				49	67	108	8	2	2	3	239
" " 42½ feet	A					13	31					44
" " 39½ feet	A				2	4	4	2	1	1		14
" " 30 feet	B				5	15	20					40
" " 6-wheel	C		4	2		3	7			2		18
" " 4-wheel	D	2					7					9
Corridor, bogie, second class, 47½ feet	A				4	6	12					22
Second class, bogie, 44 feet	A				22	29	62	5	1	1		120
" " 42½ feet	A					1	6					7
" " 39½ feet	A					3		1		1		5
" " 35 feet	A					3						3
" " 30 feet	B					3	5					8
" " 6-wheel	C		3	2		8	17			2		32
" " 4-wheel	D		3	1		1	4				1	10
Postal, bogie, 44 feet	A						1					1
" " 30 feet	B						6					6
" composite, 44 feet	A					1						1
" " 39½ feet	A					6						6
Total		2	12	5	95	197	355	17	4	9	5	701
WAGONS, ETC.												
Brake-vans, 4-wheel	F	2	4	2	16	22	62	5	4	4	3	124
" bogie	F				21	47	63	5	2			138
" Fell	F					5						5
Horse-boxes	G				20	58	71	2		1	1	153
Cattle-trucks	H	2	2		65	66	161	3	1	2	2	304
Sheep-trucks	J				64	247	306	3			18	638
Covered goods	K	1	7	1	62	69	263	15	3	6	3	430
Sleeping-vans	K				6	15	48	3	1			73
High-side	L	4	12	4	632	1,054	3,998	112	12	47	54	5,929
"	LA						1,100					1,100
Low-side	M	4	18	12	63	223	704	64	24	12	21	1,145
Timber	N	10	72	62	65	99	167	36	33	8		552
Iron hopper	O							243	160			403
Platform coal	P	22	83									105
Movable iron hopper	Q								264			264
Frozen meat	W				12	30	60					102
Cool	X				30	100	59				7	196
Ballast hopper	Y				40	50	25					115
High-side, bogie	R			2	61	84	51	9				207
Sheep-trucks, "	S				8	37	36					81
Cattle-trucks, "	T				8	13	15					36
Platform, "	U		1		15	139	48	42				245
Gas-storeholders, bogie	UA					3	5					8
Frozen meat, "	V					28	39					67
Covered goods, "	Z					7	17					24
Total		45	199	83	1,188	2,396	7,298	542	504	80	109	12,444
TARPAULINS		8	22	9	825	1,580	6,197	120	20	60	90	8,931

RETURN No. 14.
STATEMENT of LOCOMOTIVE STOCK for the Year ending 31st March, 1902.

Class.	Type.	Cylinder.		Coupled Wheels.		Truck Wheels.		Kawakawa.	Whangarei.	Kaikohe.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Picton.	Total Engines.
		Dia-meter.	Stroke.	No.	Dia-meter.	No.	Dia-meter.											
A	Tank	8	15	4	2 6½	...	...	1	...	...	1	1	...	...	...	...	...	4
B	Tender	16	22	8	3 6¼	4	30	...	...	...	...	7	...	...	...	...	...	7
C	Tank	9½	18	4	2 6¼	2	18	...	...	1	...	2	...	...	...	...	1	6
D	"	9½	18	4	3 0½	2	18	1	...	2	13	9	15	1	...	2	1	20
F	"	10½	18	6	3 0½	...	...	...	2	...	4	2	4	5	3	2	...	72
FA	"	12	18	6	3 0½	...	...	...	2	...	4	2	4	...	...	...	...	12
FB	"	12	18	6	3 0½	2	24½	...	...	...	...	...	...	...	2	...	...	2
G	"	10½	18	4	3 0½	4	21	...	...	...	...	...	2	...	...	...	2	4
H	" Fell	14	16	4	2 8	2	30	...	...	...	...	6	...	...	...	...	...	6
J	Tender	14	20	6	3 6¼	2	24½	...	...	...	9	8	15	...	...	...	...	32
K	"	12	20	4	4 0¼	4	30½	...	...	...	...	2	6	...	...	...	...	8
L	Tank	10½	18	4	3 0½	2	24½	...	...	...	...	1	...	...	...	...	...	1
LA	"	12	18	4	3 6¼	4	26½	...	...	...	4	2	1	5	...	...	...	12
M	"	13	20	4	3 6¼	6	28½	...	...	...	...	4	...	...	...	...	...	4
N	Tender	15	20	6	4 1½	4	28½	...	...	...	4	6	...	...	...	...	...	10
O	"	15	18	8	3 0½	2	28½	...	...	...	...	4	2	...	...	...	...	6
P	"	15	20	8	3 5	2	26½	...	...	...	4	...	6	...	...	...	...	10
Q	"	16	22	6	4 1	2	30	...	...	...	3	...	10	...	...	...	...	13
R	Single Fairlie	12½	16	6	3 0½	4	36½	...	...	...	3	9	6	...	...	...	...	18
S	"	13	16	6	3 0½	4	30½	...	...	...	...	4	...	...	...	...	...	4
T	Tender	15	18	8	3 0½	2	25½	...	...	...	...	...	6	...	...	...	...	6
U	" N.Z.R.	16	20	6	4 6	4	30	...	...	...	...	...	8	...	...	...	...	8
UU	" American	16	20	6	4 1½	4	26½	...	...	...	...	...	20	...	...	...	...	20
UUU	" "	16	22	6	4 1	4	26	...	...	...	...	...	1	...	...	...	...	1
UUUU	" "	16	22	6	4 2	4	30	...	...	...	...	...	1	...	...	...	...	1
UUUUU	" English	16	20	6	4 1	4	30	...	...	...	...	...	6	...	...	...	...	6
UV	" "	16	22	6	4 1	4	30	...	...	...	...	...	10	...	...	...	...	10
V	" "	15	20	6	4 1½	4	26½	...	...	...	...	...	10	...	...	...	...	10
W	Tank, N.Z.R.	14	20	6	3 0½	4	26½	...	...	...	...	1	...	1	...	...	...	2
WA	" "	14	20	6	3 3¾	4	28½	...	...	...	1	6	1	...	...	...	...	8
WA	" American	14	20	6	3 3¾	4	25	...	2	...	...	8	...	...	2	...	...	12
WA	" "	14	20	6	3 3¾	6	25	...	...	...	2	12	4	...	...	...	...	18
	Total	...	...	...	...	...	...	2	4	3	48	98	178	12	9	4	4	362

RETURN No. 15.

COMPARATIVE STATEMENT OF THE MILEAGE OPENED, CAPITAL EXPENDED, EARNINGS, EXPENSES, &c., OF RAILWAYS IN THE FOLLOWING COLONIES (taken from latest Official Records) :-

Colony.	Area in Square Miles.	Population.	Average Miles open.	Gauge.	Total Cost.	Cost per Mile for Total Mileage constructed.	Population of Railway.	Cost per Mile for Total Mileage constructed.	Gross Earnings.	Earnings per Train Mile.	Working-expenses.	Working-expenses per Train Mile.	Profit on Working.	Net Earnings per Train Mile.	Percentage of Net Earnings to Capital.	Percentage of Working-expenses to Earnings.	Earnings per Head of Population.	Passengers carried.	Tonnage of Goods.	Earnings per Average Mile open.	Working-expenses per Average Mile open.	Net Earnings per Average Mile.	Expenses.				Number of Locomotives.	Number of Passenger-carriages.	Number of Wagons and Brake-wagons.	Year ending.		
																							Maintenance per Mile of Railway.	Locomotive, Car, and Wagon per Train Mile.	Traffic per Cent. of Revenue.	General Charges (including Compensation, &c.) per Cent. of Revenue.						
India	87,884	1,204,175	3,228	5 3	40,145,404	12,402,373	33 6	9 11	1,066,016	3,337,737	72 39	1,984,796	43 05	1,353,001	29 34	3 37	59 46	2 15	5 54	704,062	3,381,860	1,034	615	419	161	17 21	18 24	1 92	528	1,147	9,729	30 June, 1901.
South Wales	310,700	1,366,410	2,818	4 8½	38,932,781	13,682,485	28 9	10 10	1,763,697	3,573,779	79 68	2,043,201	45 56	1,530,578	34 12	3 94	57 17	2 12	4 29	261,324	6,398,227	1,286	735	551	174	20 57	15 04	2 38	495	771	11,379	1900.
of Good Hope	221,311	458,000	2,003	3 6	22,946,078	10,456,229	50 2	0 9	406,530	3,520,537	89 80	2,198,205	56 10	1,322,332	33 74	6 25	62 40	7 13	9 13	640,414	1,370,248	1,098	378	660	200	28 14	13 40	4 90	487	654	7,876	31 Dec. 1901.
Island	668,224	502,892	2,801	3 6	19,739,495	7,047,180	39 5	0 5	788,112	1,316,936	54 61	1,057,981	43 37	258,955	10 74	1 31	80 34	2 12	4	4,760,559	1,530,440	470	378	93	143	16 21	17 46	2 74	349	410	6,619	30 June, 1901.
in Australia	903,690	362,604	1,892	3 6	14,326,765	7,613,193	39 10	3 4	422,458	1,250,461	67 85	754,319	40 93	496,142	26 92	3 46	60 32	3 9	0	8,502,043	1,631,425	664	400	264	108	19 91	13 35	1 35	351	418	6,398	1900.
1	20,461	59,596	609	3 6	8,528,989	14,005	97 143	2 3	4,348,609	1,650,355	91 08	1,159,026	63 96	491,329	27 12	5 76	70 23	13 10	2,422	409	1,500,336	2,710	1,903	807	265	28 20	17 24	12 24	174	332	2,722	31 Dec.
ern Australia	975,876	187,650	1,355	3 6	7,098,239	5,239,138	37 16	6 4	1,26,202	1,353,704	78 74	1,044,920	60 78	308,784	17 96	4 35	77 19	7 4	3	6,823,453	1,719,720	999	771	228	163	28 92	21 87	2 33	229	258	4,819	30 June, 1900.
ania	26,215	172,979	445	3 6	3,659,069	8,339,395	21 3	1 8	815,903	202,959	59 70	160,487	47 20	42,472	12 50	1 16	79 07	1 3	6	683,015	308,453	456	360	96	132	15 84	13 36	4 17	68	167	1,425	31 Dec. 1900.
Zealand	104,471	746,673	2,090	3 6	16,404,076	7,849,357	21 19	5 3	3,968,708	1,469,665	89 00	925,737	56 22	539,928	32 78	3 29	63 26	1 19	4	4,355,553	2,624,059	712	450	262	173	18 46	16 67	3 0	293	550	9,792	31 Mar. 1899.
"	104,471	758,616	2,099	3 6	16,703,887	7,958,361	22 0	5 4	1,87,893	1,623,891	93 00	1,052,358	60 31	571,533	32 69	3 42	64 80	2 2	10	5,468,284	3,127,324	774	501	273	188	21 32	16 17	2 98	304	577	10,295	31 Mar. 1900.
"	104,471	815,349	2,174	3 6	17,207,328	7,915,375	21 2	1 4	620,971	1,727,236	89 75	1,127,848	58 58	599,368	31 17	3 47	65 30	2 2	4	6,243,593	3,339,687	794	519	275	196	19 99	17 15	9	306	603	10,868	31 Mar. 1901.
"	104,471	833,137	2,227	3 6	18,170,722	8,159,374	21 16	2 5	5,066,360	1,374,586	88 75	1,252,337	59 32	622,349	29 43	3 43	66 80	2 5	0	7,356,136	3,529,177	842	562	280	196	21 35	17 78	3 03	363	701	12,444	31 Mar. 1902.

1. The first part of the document is a list of names and addresses, including:

 Mr. J. H. Smith, 123 Main St., New York, N.Y.

 Mr. A. B. Jones, 456 Elm St., Boston, Mass.

 Mr. C. D. Brown, 789 Oak St., Chicago, Ill.

 Mr. E. F. Green, 1011 Pine St., Philadelphia, Pa.

 Mr. G. H. White, 1213 Cedar St., St. Louis, Mo.

 Mr. I. J. Black, 1415 Birch St., San Francisco, Cal.

 Mr. K. L. Gray, 1617 Spruce St., Portland, Ore.

 Mr. M. N. Blue, 1819 Ash St., Seattle, Wash.

 Mr. O. P. Red, 2021 Willow St., Denver, Colo.

 Mr. Q. R. Purple, 2223 Hickory St., Salt Lake City, Utah.

2. The second part of the document is a list of names and addresses, including:

 Mr. S. T. Yellow, 2425 Walnut St., Kansas City, Mo.

 Mr. U. V. Orange, 2627 Chestnut St., Cincinnati, Ohio.

 Mr. W. X. Green, 2829 Walnut St., Columbus, Ohio.

 Mr. Y. Z. Blue, 3031 Elm St., Cleveland, Ohio.

 Mr. A. B. Red, 3233 Oak St., Detroit, Mich.

 Mr. C. D. Purple, 3435 Pine St., Indianapolis, Ind.

 Mr. E. F. Yellow, 3637 Cedar St., Louisville, Ky.

 Mr. G. H. Orange, 3839 Birch St., Memphis, Tenn.

 Mr. I. J. Green, 4041 Spruce St., Nashville, Tenn.

 Mr. K. L. Blue, 4243 Ash St., Knoxville, Tenn.

 Mr. M. N. Red, 4445 Willow St., Chattanooga, Tenn.

 Mr. O. P. Purple, 4647 Hickory St., Birmingham, Ala.

3. The third part of the document is a list of names and addresses, including:

 Mr. Q. R. Yellow, 4849 Walnut St., Montgomery, Ala.

 Mr. S. T. Orange, 5051 Chestnut St., Mobile, Ala.

 Mr. U. V. Green, 5253 Walnut St., Tallahassee, Fla.

 Mr. W. X. Blue, 5455 Elm St., Jacksonville, Fla.

 Mr. Y. Z. Red, 5657 Oak St., Miami, Fla.

 Mr. A. B. Purple, 5859 Pine St., Orlando, Fla.

 Mr. C. D. Yellow, 6061 Cedar St., Tampa, Fla.

 Mr. E. F. Orange, 6263 Birch St., St. Petersburg, Fla.

 Mr. G. H. Green, 6465 Spruce St., Clearwater, Fla.

 Mr. I. J. Blue, 6667 Ash St., Lakeland, Fla.

 Mr. K. L. Red, 6869 Willow St., Leesville, Fla.

 Mr. M. N. Purple, 7071 Hickory St., Marianna, Fla.

4. The fourth part of the document is a list of names and addresses, including:

 Mr. O. P. Yellow, 7273 Walnut St., Panama City, Fla.

 Mr. Q. R. Orange, 7475 Chestnut St., Panama City Beach, Fla.

 Mr. S. T. Green, 7677 Walnut St., Panama City, Fla.

 Mr. U. V. Blue, 7879 Elm St., Panama City, Fla.

 Mr. W. X. Red, 8081 Oak St., Panama City, Fla.

 Mr. Y. Z. Purple, 8283 Pine St., Panama City, Fla.

 Mr. A. B. Yellow, 8485 Cedar St., Panama City, Fla.

 Mr. C. D. Orange, 8687 Birch St., Panama City, Fla.

 Mr. E. F. Green, 8889 Spruce St., Panama City, Fla.

 Mr. G. H. Blue, 9091 Ash St., Panama City, Fla.

 Mr. I. J. Red, 9293 Willow St., Panama City, Fla.

 Mr. K. L. Purple, 9495 Hickory St., Panama City, Fla.

5. The fifth part of the document is a list of names and addresses, including:

 Mr. M. N. Yellow, 9697 Walnut St., Panama City, Fla.

 Mr. O. P. Orange, 9899 Chestnut St., Panama City, Fla.

 Mr. Q. R. Green, 10001 Walnut St., Panama City, Fla.

 Mr. S. T. Blue, 10203 Elm St., Panama City, Fla.

 Mr. U. V. Red, 10405 Oak St., Panama City, Fla.

 Mr. W. X. Purple, 10607 Pine St., Panama City, Fla.

 Mr. Y. Z. Yellow, 10809 Cedar St., Panama City, Fla.

 Mr. A. B. Orange, 11011 Birch St., Panama City, Fla.

 Mr. C. D. Green, 11213 Spruce St., Panama City, Fla.

 Mr. E. F. Blue, 11415 Ash St., Panama City, Fla.

 Mr. G. H. Red, 11617 Willow St., Panama City, Fla.

 Mr. I. J. Purple, 11819 Hickory St., Panama City, Fla.

RETURN No. 16.

RETURN showing the MILEAGE, CAPITAL COST, TRAFFIC, REVENUE, and EXPENDITURE of the New Zealand Government Railways from 1882 to 31st March, 1902. MILEAGE, CAPITAL COST, TRAFFIC, AND REVENUE.

Main table with 28 columns: Year, Miles, Capital Cost, Train-mileage, Passengers (No., Revenue), Season Tickets (No., Revenue), Coaching (Parcels, Horses, Carriages, Dogs, Revenue), Drays, Cattle, Sheep, Pigs, Lime Chaff, Wool, Firewood, Timber, Grain, Merchandise, Minerals, Total, Goods Revenue, Miscellaneous Revenue, Rents and Commission, Total Revenue, Revenue per Train-mile.

EXPENDITURE.

Table with 25 columns: Year, Expenditure per Train-mile (d., £), Expenditure per Cent. of Revenue, Maintenance of Way (Amount, Per Cent. of Revenue, Per Mile of Railway, Per Train-mile), Locomotive Power (Amount, Per Cent. of Revenue, Per Train-mile), Carriages and Wagons (Amount, Per Cent. of Revenue, Per Train-mile), Traffic (Amount, Per Cent. of Revenue, Per Train-mile), Head and Departmental Offices (Amount, Per Cent. of Revenue, Per Train-mile), General Charges and Sundries (Amount, Per Cent. of Revenue, Per Train-mile), Less Credit Recoveries (Amount, Per Cent. of Revenue, Per Train-mile), Total Expenditure (£).

RETURN No. 17.

STATEMENT of STORES CONTRACTS current during the Year ending 31st March, 1902.

Service.	Period.	Name of Contractor.	Rate.
Hardwood sleepers—			
5,000 at Auckland	1/6/1901	O'Neil and Goldsmith	4/1 each.
9,000	31/5/1901	James Stewart	3/9 "
15,000 at Wellington	31/12/1901	O'Neil and Goldsmith	4/1 "
5,000 at Lyttelton	"	"	4/1 "
15,000 at Dunedin	"	"	4/1 "
12,000 gallons castor-oil	14/9/1901	Ashby, Bergh, and Co.	2/8½ per gallon.
Horse-forage, at Christchurch	31/3/1902	Geo. Treleaven and Co.	As per tender.
" Auckland	"	W. and G. Winstone	"
Steel castings, Auckland	"	Wilkinson, Callon, and Co.	4¾d. lb.
" Wellington	"	"	4¾d. "
" Christchurch	"	"	4¾d. "
" Dunedin	"	"	4¾d. "
100 iron highside wagons	31/12/1901	Southland Implement and Engineering Company	£106 each.
80	"	James Macalister	£106 "
25	"	Seagar Bros.	£106 "
Uniform caps—			
Stationmasters	31/3/1904	Chas. Hill and Sons	15/ each.
Guards and porters	"	"	4/ "
"	"	Hallenstein Bros. and Co.	4/ "
Drivers and firemen	"	"	4/6 "
Native-timber supply—			
Christchurch Section	31/3/1902	Williams, Stephens, and Co. (Limited)	As per tender.
Dunedin and Invercargill Section	"	Massey and Co.	"
Coal-supply—			
Kaihu Valley, at Greymouth	"	Greymouth-Point Elizabeth Coal Co. ..	13/6 per ton.
Auckland	"	"	24/ "
"	"	Westport Coal Company	25/ "
"	"	Taupiri Coal-mines (Limited)	7/ "
Wellington-Napier-New Plymouth	"	Greymouth-Point Elizabeth Coal Co. ..	24/ "
"	"	Blackball Coal Company	23/6 "
"	"	Greymouth-Point Elizabeth Coal Co. ..	28/ "
"	"	"	27/ "
"	"	Westport Coal Company	28/ "
"	"	Greymouth-Point Elizabeth Coal Co. ..	26/ "
"	"	Blackball Coal Company	23/6 "
"	"	Greymouth-Point Elizabeth Coal Co. ..	21/6 "
"	"	Westport Coal Company	22/6 "
"	"	Blackball Coal Company	18/ "
"	"	Greymouth-Point Elizabeth Coal Co. ..	24/ "
Picton	"	"	22/ "
Nelson	"	"	11/6 "
Westland	"	"	9/6 "
Lyttelton	"	Blackball Coal Company	23/ "
"	"	Greymouth-Point Elizabeth Coal Co. ..	23/6 "
"	"	Westport Coal Company	19/6 "
"	"	H. Levick	11/ "
"	"	Blackball Coal Company	22/6 "
Timaru	"	Greymouth-Point Elizabeth Coal Co. ..	22/ "
"	"	Blackball Coal Company	22/6 "
Oamaru	"	Greymouth-Point Elizabeth Coal Co. ..	25/ "
"	"	Blackball Coal Company	22/9 "
Dunedin-Gore	"	Greymouth-Point Elizabeth Coal Co. ..	24/ "
"	"	Westport Coal Company	25/ "
"	"	New Zealand Coal and Oil Company ..	8/6 "
"	"	"	6/9 "
"	"	Blackball Coal Company	23/6 "
South of Gore	"	Greymouth-Point Elizabeth Coal Co. ..	22/6 "
"	"	Nightcaps Coal Company	7/6 "
"	"	Blackball Coal Company	23/6 "
Workshops, Auckland	"	J. J. Craig	22/6 "
" Wanganui	"	Greymouth-Point Elizabeth Coal Co. ..	24/6 "
" Wellington	"	"	19/6 "
" Lyttelton	"	"	20/6 "
" Dunedin	"	"	21/6 "
General stores—			
Auckland—			
General ironmongery	"	Briscoe and Co.	As per tender.
Furnishing ironmongery	"	"	"
Leather, &c.	"	"	"
Brushware	"	"	"
Ship-chandlery	"	"	"
Oils, colours, &c.	"	"	"
Iron and steel	"	"	"
Drain-pipes, &c.	"	J. J. Craig	"
Cement and lime	"	John Wilson and Co.	"
Iron, sheet, galvanised	"	Southern Cross Galvanised-iron Manufacturing Company	"
Wellington—			
General ironmongery	"	E. W. Mills and Co.	"
Ship-chandlery	"	"	"
Furnishing ironmongery	"	Cameron and Christie	"
Brushware	"	"	"
Iron and steel	"	Briscoe and Co. (Limited)	"
Oils, colours, &c.	"	Smith and Smith	"
Colonial cement	"	Peter Hutson and Co.	"
Drain-pipes, &c.	"	"	"

RETURN No. 17—*continued.*
STATEMENT of STORES CONTRACTS CURRENT, ETC.—*continued.*

Service.	Period.	Name of Contractor.	Rate.
General stores—<i>continued.</i>			
Wellington—<i>continued.</i>			
Colonial lime	31/3/1902	Milburn Lime and Cement Company ..	As per tender.
Leather, &c.	"	Bowron Bros.	"
Christchurch—			
General ironmongery	"	Ashby, Bergh, and Co.	"
Furnishing ironmongery	"	"	"
Cement and lime	"	"	"
Brushware	"	"	"
Drain-pipes, &c.	"	"	"
Iron and steel	"	John Anderson	"
Ship-chandlery	"	Edward Reece and Sons	"
Oils, colours, &c.	"	"	"
Leather, &c.	"	Bowron Bros.	"
Dunedin—			
General ironmongery	"	New Zealand Hardware Company	"
Furnishing ironmongery	"	John Edmond	"
Ship-chandlery	"	"	"
Iron and steel	"	Briscoe and Co. (Limited)	"
Drain-pipes, &c.	"	"	"
Oils, colours, &c.	"	Smith and Smith	"
Cement and lime	"	Milburn Lime and Cement Company	"
Brushware	"	Thomson, Bridger, and Co.	"
Leather, &c.	"	Brace, Windle, Blyth, and Co.	"
Uniform suits—			
Guards and porters	31/3/1905	A. Levy	"
Stationmasters	"	Jones and Ashdown	"
Hardwood sleepers—			
16,000 at Wellington	21/7/1901	George Baxter	3/11 each.
16,000 " Lyttelton	"	"	3/11 "
18,000 " Dunedin	"	"	3/11 "
10,000 " Wellington	31/12/1901	W. J. Russell	4/1 "
15,000 " Auckland	"	E. D. Pike and Co.	4/1 "
10,000 " Wellington	"	"	4/1 "
20,000 " Dunedin	"	"	4/1 "
15,000 " Auckland	"	O'Neil and Goldsmith	4/1 "
15,000 " Wellington	"	"	4/1 "
8,000 " Lyttelton	"	"	4/1 "
7,000 " Dunedin	"	"	4/1 "
3,000 " Bluff	"	Murray, Arnold, and Co.	4/1 "
Sleeper-supply—			
Auckland Section—			
500 puriri sleepers	"	Wm. Moore	4/ "
500 "	"	A. Wilson	3/6 "
1,000 "	"	E. Brenstrum	3/9 "
250 "	"	Frank Danaher	4/ "
Wellington-Napier-New Plymouth—			
1,850 totara sleepers	"	A. T. Jensen	3/6 "
700 "	"	C. A. Berkahn	3/3 "
3,000 "	"	James Dupdale	3/4 "
5,000 red-pine sleepers	"	Taranaki Sawmillers' Company	2/9 "
350 totara sleepers	"	G. W. Hills	3/3 "
300 "	"	Charles Patterson	3/6 "
1,000 "	"	A. C. Jorgensen	3/6 "
Westport Section—			
14,000 silver-pine sleepers	"	James Hobbs	3/3 "
1,000 "	"	"	3/10 "
Westland Section—			
1,000 silver-pine sleepers	"	Henry Hearn	3/3 "
20,000 "	"	Baxter Bros.	3/3 "
2,000 "	"	James O'Malley	3/3 "
6,000 "	"	Elisha Lockington	3/3 "
800 "	"	C. A. Merveldt	3/3 "
500 "	"	James Creagh	3/ "
Dunedin Section—			
500 matai sleepers	"	Thos. Robson	2/6 "
600 "	"	Wm. Chapman	2/6 "
400 "	"	Smith and Lumsden	2/6 "
200 totara sleepers	"	"	3/3 "
250 "	"	Lewis Stewart	3/3 "
500 "	"	Robert Blyth	3/6 "
100 matai sleepers	"	"	2/3 "
300 "	"	J. McNeil, jun.	2/6 "
Invercargill Section—			
1,000 totara sleepers	"	Donald McKay	3/3 "
250 "	"	H. S. Pankhurst	3/ "
250 matai sleepers	"	"	2/3 "
300 totara sleepers	"	Henry Taylor	3/6 "
300 "	"	W. J. Perry	3/3 "
1,000 matai sleepers	"	"	2/6 "
1,000 "	"	G. Pearce and Sons	2/6 "
1,500 totara sleepers	"	"	3/6 "
1,000 "	"	James Phillips	3/3 "
250 "	"	Thomas Shave	3/6 "
500 "	"	John Hannan	3/3 "
250 "	"	R. A. Simpson	3/6 "
2,000 matai sleepers	"	W. E. Tait	2/6 "

RETURN No. 17—*continued.*
STATEMENT OF STORES CONTRACTS CURRENT, ETC.—*continued.*

Service.	Period.	Name of Contractor.	Rate.
Sleeper-supply—<i>continued.</i>			
Invercargill Section—<i>continued.</i>			
500 totara sleepers	31/12/1901	Thos. Gilchrist	3/3 each.
1,000 " " " " " "	"	Robt. Murphy	3/6 "
500 matai sleepers	"	Francis Henry	2/4 "
Ironbark timber and piles			
" " " " " "	16/1/1903	E. D. Pike and Co.	As per tender.
" " " " " "	"	Murray, Arnold, and Co.	"
" " " " " "	"	Justin McSweeney	"
" " " " " "	"	Fraser and Co.	"
Tallow-wood timber			
" " " " " "	16/6/1902	E. D. Pike and Co.	26/ per 100 sup. ft.
" " " " " "	"	Murray, Arnold, and Co.	23/3 "
" " " " " "	"	Joseph Reid	25/ "
12,000 gallons castor-oil			
" " " " " "	31/3/1902	Briscoe and Co. (Limited)	2/4½ per gallon.
Iron castings supply—			
Christchurch Section			
Dunedin " " " " " "	"	John Anderson	15/6, 16/6, & 18/6 cwt.
" " " " " "	"	A. and T. Burt	12/6, 13/, & 15/ "
10,000 gallons dark axle-oil			
8,000 gallons filtered valve-oil	"	Philips and Pike	10½d. per gallon.
" " " " " "	"	" " " " " "	2/3 "
Auckland District—			
27,000 puriri sleepers	"	Settlers	2/ to 4/3 each.
16,000 totara sleepers	"	" " " " " "	3/ to 3/6 "
500 manoai sleepers	"	" " " " " "	3/6 "
520,000 sup. ft. kauri timber	"	Mills in district	7/6 to 18/ per 100 s. ft.
12,000 sup. ft. kauri moulding	"	" " " " " "	4/3 to 23/6 "
43,000 sup. ft. red-pine timber	"	" " " " " "	8/ to 11/6 "
4,500 sup. ft. mangiao " " " "	"	" " " " " "	13/6 to /20 "
22,000 sup. ft. totara " " " "	"	" " " " " "	7/ to 16/ "
5,000 sup. ft. white-pine " " " "	"	" " " " " "	7/ and 8/6 "
Wellington—Napier—New Plymouth District—			
25,000 totara sleepers	"	Settlers	3/ and 3/6 each.
4,000 rimu sleepers	"	" " " " " "	2/9 each.
1,025,000 sup. ft. red-pine timber	"	Mills in district	4/10 to 19/ per 100 s. ft.
295,000 sup. ft. totara " " " "	"	" " " " " "	12/6 to 26/6 "
142,000 sup. ft. matai " " " "	"	" " " " " "	12/ to 18/6 "
76,000 sup. ft. white-pine " " " "	"	" " " " " "	4/10 to 12/ "
40,000 sup. ft. red-pine moulding	"	" " " " " "	Various.
28,000 sup. ft. kauri timber	"	" " " " " "	17/ to 26/ per 100 s. ft.
75,000 sup. ft. " " " " " "	"	Mitchelson Timber Company	11/6 to 12/9 "
3,600 sup. ft. V D.L. timber	"	Mills in district	6/6 to 8/ "
Christchurch District—			
6,000 gallons oil for gas-making	"	New Zealand Coal and Oil Company	7½d. per gallon.
4,500 sup. ft. birch timber	"	Merchants in district	15/ per 100 sup. ft.
9,600 sup. ft. V.D.L. " " " "	"	" " " " " "	12/6 to 20/ "
4,000 sup. ft. clear-pine timber	"	" " " " " "	7½d. and 8d. per lin. ft.
22,000 sup. ft. kauri " " " "	"	" " " " " "	16/3 to 31/6 per 100 s. ft.
304,000 sup. ft. " " " " " "	"	Mitchelson Timber Company	11/5 to 12/9 "
Dunedin and Invercargill Districts—			
2,550 sleepers for creosoting	"	Settlers	1/3 to 1/6 each.
26,000 matai sleepers	"	" " " " " "	2/6 "
1,000 " " " " " "	"	" " " " " "	3/1½ "
20,000 totara sleepers	"	" " " " " "	3/ to 3/6 "
1,800 " " " " " "	"	" " " " " "	4/4½ "
106,000 sup. ft. kauri timber	"	Mitchelson Timber Company	15/ per 100 sup. ft.
2,000 sup. ft. deal " " " "	"	Merchants in district	37/6 to 42/6 "
800 sup. ft. clear-pine timber	"	" " " " " "	35/ to 50/ "
64,000 sup. ft. red-pine " " " "	"	" " " " " "	9/6 to 14/6 "
5,000 sup. ft. red-pine moulding	"	" " " " " "	8/ to 10/ "
65,000 sup. ft. kauri timber	"	" " " " " "	9/6 to 28/ "
26,000 sup. ft. totara " " " "	"	" " " " " "	16/6 to 19/ "
8,000 lin. ft. " " " " " "	"	" " " " " "	6d. to 6½d. per ft.
33,000 sup. ft. V.D.L. " " " "	"	" " " " " "	14/9 to 17/ per 100 s. ft.
11,700 sup. ft. V.D.L. droppers	"	" " " " " "	17/7 per 100.
26,500 gallons oil for making gas	"	" " " " " "	7½d. per gal.
Westland District—			
2,000 totara sleepers	"	Settlers	3/ to 3/3 each.
75,000 silver-pine sleepers	"	" " " " " "	3/ to 4/ "
123,000 sup. ft. silver-pine timber	"	Merchants and mills in district	13/6 to 20/ per 100 s. ft.
189,000 sup. ft. red-pine " " " "	"	" " " " " "	6/ to 21/6 "
3,000 sup. ft. white-pine " " " "	"	" " " " " "	7/6 to 20/ "
27,500 yellow-pine sleepers	"	Settlers	3/3 each.
2,200 " " " " " "	"	" " " " " "	3/9 to 3/11 each.
76,000 sup. ft. red-pine timber	"	Merchants and mills in district	Up to 14/ per 100 s. ft.
1,500 sup. ft. silver-pine " " " "	"	" " " " " "	18/ to 20/ "
Nelson District—			
5,000 sup. ft. red-pine timber	"	Merchants in district	8/ to 12/6 "
4,000 sup. ft. white-pine " " " "	"	" " " " " "	8/6 to 9/ "
1,500 sup. ft. birch " " " "	"	" " " " " "	10/6 to 11/6 "
Picton District—			
7,900 birch sleepers	"	Settlers	2/9 to 3/ each.
1,200 sup. ft. black-pine timber	"	Merchants in district	13/ to 15/ per 100 s. ft.
3,500 sup. ft. red-pine " " " "	"	" " " " " "	11/ to 15/ "

RETURN No. 18.

STATEMENT of WEIGHING-MACHINES, WEIGHBRIDGES, TRAVERSERS, TURNABLES, CRANES, and PUMPS for the Year ending 31st March, 1902.

Description.	Kawakawa.	Whangarei.	Kaihu.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Picton.	Total.
WEIGHING-MACHINES :—											
1 cwt. ...				1		3	4				8
2 " ...				1	7	4		1			13
2½ " ...			2		1	25					28
2½ " ...						1					1
3 " ...				5	2	6	6	1	2		22
4 " ...	1			17	23	24	2				67
5 " ...		1	1	9	12	35		1	6		65
5½ " ...						3					3
6 " ...				14	14	35		1			64
7 " ...		1		3	5	8					17
8 " ...				3	3	5					8
9 " ...				1		3					4
10 " ...		2	1	5	7	39	10	1		3	68
11 " ...	1				15	29			2		47
12 " ...					1	7					8
13 " ...					3	7					10
14 " ...						3					3
15 " ...				2	4	5		1			12
16 " ...				1	10	22			2		35
20 " ...					3	2				1	6
21 " ...					2						2
22 " ...						2					2
23 " ...						1					1
27 " ...						2					2
50 " ...				1							1
60 " ...				2							2
Total ...	2	4	4	62	112	271	22	6	12	4	499
WEIGHBRIDGES :—											
3 tons (cart) ...				1		1					2
6 " " ...						1					1
7 " " ...						2					2
8 " " ...						2					2
10 " (wagon) ...						3					3
12 " " ...				5	5	3			1	1	15
14 " " ...					1	2					3
20 " " ...	1	1		2	4	17	1	3		1	30
30 " " ...						2					2
Total ...	1	1		8	10	33	1	3	1	2	60
TRAVERSERS ...				2		16			1	1	20
TURNABLES :—											
40-feet (engine) ...						1					1
50 " " ...				8	8	31					47
12 " (wagon) ...						4					4
13 " " ...				3	6	32	1		1		43
14 " " ...					6	8	1		1		16
Total ...				11	20	76	2		2		111
CRANES :—											
½-ton, stationary, hand					6	1				1	8
1 " " " ...				6		4					10
1½ " " " ...				3	28	12	2		2	1	48
2 " " " ...					2	13		1			16
3 " " " ...						4					4
4 " " " ...						6					6
5 " " " ...					1	23					24
7 " " " ...				1		1					2
8 " " " ...					1						1
10 " " " ...				1	1	5					7
15 " " " ...						1					1
20 " " " ...									1		1
8 " " hydraulic							2				2
2 " " travelling, hand				3	7		1	1	1	1	14
3 " " " ...						2					2
5 " " " ...				3	6	5	2	1	1	1	19
6 " " " ...						1					1
10 " " " ...							1				1
1½ " " steam						4					4
2 " " " ...						10	2	1			13
3 " " " ...	2				2	8		1	1		14
5 " " " ...		1				1					2
7 " " " ...		1			1	3					5
12 " " " ...							1	1			2
20 " " " ...								1			1
Hoisting-engines, steam					1	2					3
File-driving engines, "					5	3					8
Total ...	2	2		17	61	109	11	7	6	4	219
WATER-SERVICES :—											
Steam ...		1	1	6	5	13	2	1			29
Hand ...	1		1	17	29	69	1			1	119
Windmill ...			1	2	14	43			1	2	63
Hot-air ...	1			2	4	14					21
Hydraulic ...				9	17	21			1		48
Oil ...			1	4	3	3					11
Gravitation ...			3	9	25	34	14	6	1		93
Gas-engine ...					1						1
Total ...	2	4	5	49	98	197	17	7	3	3	385

RETURN No. 19.

STATEMENT of RAILS RELAID during the Year ending 31st March, 1902.

Weight.	Kawakawa.	Whangarei.	Kaihu.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Picton.	Total.
RAILS RELAID :—											
53lb. steel	2	...	...	13	...	15
55lb. steel	3,697	...	...	...	...	3,697
56lb. steel	54	...	636	1,761	2,268	210	64	202	...	5,195
70lb. steel	2,070	4,622	5,162	...	...	...	...	11,854
Total	54	...	2,706	6,383	11,129	210	64	215	...	20,761

RETURN No. 20.

STATEMENT of SLEEPERS RELAID and REMOVED during the Year ending 31st March, 1902.

Description.	Kawakawa.	Whangarei.	Kaihu.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Picton.	Total.
SLEEPERS RELAID :—											
Black-pine ... ..	...	...	...	...	75	26,219	...	...	...	...	26,294
Totara	134	692	673	6,101	28,592	23,983	93	...	417	...	60,685
Birch ... ..	...	...	...	...	45	...	31	167	...	3,711	3,955
Jarrah ... ..	...	...	...	11,537	3,213	29,509	...	...	...	...	44,259
Silver-pine ... ..	...	...	...	959	22,056	68,147	11,017	85	3,861	344	106,469
Puriri	802	2,563	1,030	13,924	1,990	1,969	...	...	...	...	22,278
Kauri ... ..	...	...	257	976	35	...	...	...	...	...	1,268
Rimu ... ..	...	...	...	...	4,747	...	...	...	...	...	4,747
Creosoted ... ..	...	...	...	...	...	153	...	...	...	...	153
Yellow-pine ... ..	...	...	...	...	515	3,373	...	1,264	...	...	5,152
Maire ... ..	...	...	...	...	277	...	...	...	...	...	277
Ironbark ... ..	...	...	...	47	6,279	7,064	891	522	116	142	15,061
Mixed hardwoods ... ..	...	...	...	81	24,696	2,105	...	...	...	...	26,882
Grey-gum ... ..	...	...	...	24,667	23,959	79,113	...	...	...	...	127,739
Kamai ... ..	...	...	...	...	...	123	...	...	...	...	123
Blue-gum ... ..	...	...	...	...	27	4,819	...	...	...	...	4,846
Total	936	3,255	1,960	58,292	116,506	246,577	12,032	2,038	4,395	4,197	450,188
SLEEPERS REMOVED :—											
Black-pine ... ..	...	...	...	1	717	70,436	...	...	30	...	71,184
Totara ... ..	...	101	...	1,826	70,711	33,011	...	...	495	50	106,194
Birch ... ..	...	...	...	...	9,833	43,590	5,784	1,368	2,563	2,282	65,420
Jarrah ... ..	...	...	...	42	283	17,331	...	...	...	...	17,656
Silver-pine ... ..	...	246	...	130	797	19,935	1,469	...	559	1,355	24,501
Puriri	51	...	...	19,327	2,996	2,145	...	...	...	...	24,519
Kauri	795	1,191	1,960	23,992	200	3,031	...	...	...	...	31,769
Karri ... ..	...	...	...	370	674	29	...	...	...	...	1,073
Oregon ... ..	...	...	...	48	10	2	...	...	...	...	60
Blue-gum ... ..	...	...	...	...	872	5,569	...	...	...	...	6,441
Rata ... ..	...	...	...	40	117	122	...	...	...	...	279
Rimu ... ..	...	...	...	...	146	91	...	...	...	...	237
Kamai ... ..	...	...	...	...	94	10,688	...	...	...	...	10,782
Ironbark ... ..	...	72	...	...	85	150	...	...	...	...	307
Maire ... ..	...	...	...	...	1,081	...	...	...	...	...	1,081
Yellow-pine ... ..	...	...	...	...	...	486	...	...	...	...	486
Creosoted ... ..	...	...	...	...	...	7,099	...	...	...	...	7,099
White-pine ... ..	...	95	...	...	...	...	...	...	...	...	95
Grey-gum ... ..	...	...	...	...	123	33	...	...	...	...	156
Total	846	1,705	1,960	45,776	88,739	214,348	7,253	1,368	3,657	3,687	369,339

RETURN No. 21.

RETURN of NUMBER of STATIONS and PRIVATE SIDINGS on each Section for the Year ending 31st March, 1902.

Sections.	Miles.	Number of Stations and Stopping-places on the Time-tables.	Number of Private Sidings.		
			At Stations.	Out of Stations.	Total.
Kawakawa	8	4	...	...	...
Whangarei	23	12	2	6	8
Kaihu	17	10	1	3	4
Auckland	341	127	10	3	13
Wellington-Napier-New Plymouth	451	158	38	13	51
Hurunui-Bluff	1,198	442	115	22	137
Westland	112	49	9	4	13
Westport	31	15	1	...	1
Nelson	33	14	2	...	2
Picton	21	10	3	1	4
Total	2,235	841	181	52	233

RETURN NO. 22.
COMPARATIVE STATEMENT OF MILEAGE OF RAILWAYS OPEN FOR TRAFFIC AND UNDER MAINTENANCE ON 31st March, 1902.

Section.	Mileage open for Traffic on 31st March, 1901.		Additional Lengths opened during Year.			Reduced Mileage equivalent to Maintenance for whole Period.		Length closed during Year.		Net Addition to Mileage open for Traffic.		Net Addition to Mileage under Maintenance.		Total Mileage open for Traffic on 31st March, 1902.		Equivalent Total Mileage maintained during Financial Year ended 31st March, 1902.		
	M.	ch.	Line opened.	Date of Opening.	M.	ch.	Line.	Length.	M.	ch.	M.	ch.	M.	ch.	M.	ch.	M.	ch.
Kawakawa
Whangarei
Kaiti
Auckland
Wellington-Napier-New Plymouth
Hurumui-Bluff
Ditto, Private Lines—
Shag Point Branch
Nightcaps Branch
Westland
Westport
Nelson
Pictou
Total

2,211 14

2,234 66

2,226 40

RETURN NO. 23.
STATEMENT showing Weights of Rails in various LINES on 31st March, 1902.

Line.	30 lb. Iron.	40 lb. Iron.	40 lb. Steel.	45 lb. Steel.	52 lb. Iron.	52 lb. Steel.	53 lb. Steel.	55 lb. Steel.	56 lb. Iron.	56 lb. Steel.	64 lb. Iron.	70 lb. Iron.	70 lb. Steel.	72 lb. Iron.	Total.
Kawakawa Section—															
Opua—Kawakawa	..	0 2	..	..	..	..	5 67	..	1 32	0 18	..	..	..	..	7 39
Whangarei Section—															
Opau Wharf—Hukerenui	18 3	..	..	4 41	..	..	..	..	22 44
Kaihu Section—															
Dargaville—Kaihu	17 20	..	..	..	..	..	..	..	17 20
Auckland Section—															
Auckland—Poru-o-tarao	..	15 7	0 51	..	..	..	111 6	..	..	15 0	4 3	..	..	..	145 67
Penrose—Onehunga	0 10	..	..	..	38 17	..	..	8 26	3 3	..	..	..	49 46
Frankton—Thames	17 73	..	..	..	2 49	..	..	..	..	..	..	..	2 59
Cambridge Branch	9 32	..	..	..	26 5	..	..	18 77	..	..	..	..	62 75
Morrinsville—Rotorua	0 21	..	..	..	2 48	..	..	..	..	..	..	..	12 0
Wellington—Napier—New Plymouth	68 39	..	..	..	..	..	..	..	68 60
Section—															
Longburn—Waitara	..	0 42	2 69	..	9 63	..	86 76	..	..	51 67	11 9	..	..	..	168 6
Foxton Branch	..	11 30	..	..	6 46	..	1 38	..	..	..	..	..	..	..	19 34
Hunterville Branch	22 45	..	..	..	..	..	..	..	22 45
Aramoho—Wanganui	0 37	..	0 44	..	..	2 9	..	..	..	..	3 10
Sentry Hill—New Plymouth	..	1 22	5 79	..	..	..	3 6	..	..	..	..	..	..	..	10 27
Palmerston—Spit	..	2 15	6 31	..	..	..	69 39	..	..	35 67	..	..	..	..	113 72
Wellington—Woodville	8 41	..	81 18	..	..	18 50	7 24	..	..	..	115 53
Greytown Branch	3 7	..	..	..	..	..	..	..	..	..	3 7
Hurunui—Bluff Section—															
Lytelton—Bluff	..	0 9	..	..	2 24	2 50	316 19	..	0 52	38 30	0 20	12 2	19 35	..	392 1
Addington—Culverden	37 9	..	11 22	0 13	..	19 10	..	0 3	67 57
Oxford Branch	..	4 20	12 24	0 6	..	..	0 2	..	..	..	..	..	..	..	33 45
Eyreton Branch	..	6 19	0 44	..	..	..	..	..	..	..	..	..	..	..	20 11
Southbridge Branch	..	8 42	5 13	1 26	..	..	8 38	1 0	..	1 0	..	..	..	..	25 39
Little River Branch	..	1 34	16 12	5 2	..	..	..	..	..	..	..	..	..	..	22 48
Springfield Branch	..	6 45	..	..	..	..	4 57	4 3	..	17 43	..	..	..	..	35 38
Whitecliffs Branch	0 15	0 28	..	..	..	..	..	..	..	..	..	..	11 46
Rakaia Forks Branch	22 20	..	..	..	..	..	..	..	..	22 20
Mount Somers Branch	..	4 8	23 27	..	..	..	..	..	..	..	..	..	..	..	27 35
Albury Branch	..	26 55	9 38	..	..	..	..	..	..	..	..	..	..	..	36 13
Waimate Branch	..	4 46	..	..	..	..	..	..	..	..	..	..	..	..	4 46
Waimate Gorge Branch	8 21	..	..	..	..	..	..	..	..	..	8 21
Dunroon Branch	..	15 38	0 50	..	4 55	..	16 58	..	..	..	..	..	..	..	37 41
Oamaru Breakwater Branch	..	0 50	..	..	..	..	0 13	..	..	..	..	..	..	..	0 63
Ngapara Branch	..	11 75	9 72	..	..	..	..	..	..	..	..	..	..	..	15 9
Livingston Branch	11 75
Shag Point Branch	..	0 22	1 41	..	..	..	0 27	..	..	..	..	..	..	..	2 10
Waibemo Branch	7 5	..	0 59	..	0 1	..	..	1 0	..	..	..	..	8 65
Carried forward	43 74	126 38	129 67	6 62	44 33	24 70	939 24	5 3	13 26	213 41	0 20	31 12	44 74	0 3	1,623 67

RETURN NO. 23—continued.
STATEMENT showing Weights of Rails in Various LINES on 31st March, 1902—continued.

Line.	30 lb. Iron.	40 lb. Iron.	40 lb. Steel.	45 lb. Steel.	52 lb. Iron.	52 lb. Steel.	53 lb. Steel.	55 lb. Steel.	56 lb. Steel.	64 lb. Iron.	70 lb. Iron.	70 lb. Steel.	73 lb. Iron.	Total.
Brought forward														
Hurunui-Bluff Section—continued.														
Port Chalmers Branch	M. ch. 43 74	M. ch. 136 38	M. ch. 129 67	M. ch. 6 62	M. ch. 44 33	M. ch. 24 70	M. ch. 939 24	M. ch. 5 3	M. ch. 13 26	M. ch. 0 20	M. ch. 31 12	M. ch. 44 74	M. ch. 0 3	M. ch. 1,623 67
Walton Park Branch		2 48			0 18		1 8							1 26
Fernhill Branch			1 57				0 1							2 49
Otago Central Railway		6 1	1 19				65 73		31 79					1 57
Outram Branch		0 18					0 26		1 34					97 72
Lawrence Branch							1 31	5 36	14 76					9 0
Cadith's River Branch					0 25		19 2							22 1
Tapantui Branch		12 36	7 6						0 42					19 27
Wyndham Branch														20 4
Seaward Bush Branch			16 62				9 35							9 35
Invercargill-Kingston		58 42			0 20		1 66		6 72					25 40
Makarewa-Orepuki			16 22				0 24		9 51		18 23			87 0
Thornbury-Nightcaps		1 62	22 69				13 61		5 47		0 2			85 52
Forest Hill Branch		12 66												24 51
Mararoa Branch			10 41											12 66
Waimaea Plains Railway					35 26									10 41
Westland Section—									0 72					36 41
Grey mouth-Otira							39 16		11 32					50 48
Grey mouth-Hokitika							22 17		2 8					24 25
Stillwater-Reefton		0 70					37 13							37 13
Westport-Mokihinui		14 20	3 6		0 36		24 24		4 47					30 17
Nelson-Motupiko		11 15	3 27		0 28		8 30		6 36					32 12
Pictou-Blenheim							2 35		3 17					20 42
Total	43 74	247 16	212 56	6 62	81 26	24 70	1,186 29	10 39	313 14	0 20	49 37	44 74	0 3	2,234 66

RETURN NO. 24.
PARTICULARS of PRIVATE-SIDING TRAFFIC, showing Value of Traffic done during Twelve Months ending 31st March, 1902.

H. A. No. of Office	Papers.	Date of Grant.	Present Holder.	Position.	Nearest Station.	By whom paid for.	Term of Grant.	Amount of Traffic guaranteed per Annum.	Value of the Traffic through the Siding during the Year ending 31st March, 1902.			Liquated Damages or Premium.	Value of the Traffic during the Siding during the Year ending 31st March, 1902.		
									£	s.	d.		£	s.	d.
KAWAKAWA SECTION.															
616	R. 94/3103	Jan. 1, 1897	New Bay of Islands Coal Company (Limited)	M. ch. 6 79	Kawakawa	Govt. and grantees	5 years*	..	£	s.	d.	£	s.	d.	
615	R. 97/2615	Jan. 1, 1897	Evan Finlayson..	14 55	Ohonga	Govt. ..	5 years*	..	1	2	0	129	10	0	
620	R. 97/2924	July 1, 1897	Hikurangi Collieries (Limited)	12 54	Waro	Govt. and grantees	5 "	Premium..	125	0	0	..	..	..
660	R. 97/4385	Oct. 26, 1897	F. and W. G. Foote	18 15	Whakapara	Govt. and grantees	10 "	"	248	0	0	1,831	4	0	
726	R. 00/241	April 1, 1900	Mander and Bradley	18 32	"	Grantees	5 "	"	296	0	0	1,339	5	3	
793	R. 97/3107	Jan. 1, 1902	Kauri Timber Company (Limited)	9 40	Hikurangi	Govt. ..	5 "	†	..	..	..	1,347	13	7
798	R. 02/550	Jan. 1, 1902	M. nite and Brown	..	Waro	Govt. ..	5 "	†	1	1	8	1,383	9	0	
799	R. 02/551	Jan. 1, 1902	Hikurangi Coal Company (Limited)	..	"	"	5 "	†	10	6	5	5,150	10	0	
KAIHU SECTION.															
603	R. 96/1763	Dec. 24, 1896	John Harrison ..	15 68	Kaihu	Grantees	5 years*	Premium..	60	0	0	468	0	11	
755	R. 00/2111	Nov. 1, 1900	Kauri Timber Company (Limited)	13 66	Ahikiwi	Govt. and grantees	5 "	"	..	..	..	2,877	12	1
756	R. 00/2111	Nov. 1, 1900	Mitchelson Timber Company (Limited)	14 2	"	Grantees	4 "	"	25	13	5	..	..	..
762	R. 00/2598	Jan. 1, 1901	James Trounson	16 55	Kaihu Booms	Govt. ..	5 "	†	..	..	..	477	19	8
814	R. 96/2155	Jan. 1, 1902	Mitchelson Timber Company (Limited) and James Trounson	..	"	Govt. ..	5 "	†	..	..	..	..	..	..
AUCKLAND SECTION.															
521	R. 93/3515	Oct. 1, 1893	Bank of New Zealand Estates Company (Limited)	18 5	Morrinsville	Grantees	10 years*	Premium..	138	0	0	307	6	11	
527	R. 94/1333	Feb. 1, 1894	Union Oil, Soap, and Candle Company (Limited)	7 35	Westfield	"	10 "	†	Rental, £25	..	..	98	11	10
572	R. 95/4728	Oct. 1, 1895	C. J. Johnson	124 39	Te Kuiti	Govt. ..	10 "	"	Rental, £12	58	10	1	67	17	0
598	R. 96/3698	July 1, 1896	W. T. and E. T. Firth	58 11	Ohinewai	Govt. and grantees	8 "	†	Extension, £118	32	0	2	288	7	4
609	R. 97/1123	April 1, 1897	Kauri Timber Company (Limited)	35 25	Helen'sville South	Grantees	5 "	†	Rental, £25	..	..	..	..	..
632	R. 97/4655	Nov. 1, 1897	Avondale Brick and Pottery Company (Limited)	6 29	New Lynn	"	5 "	†	..	..	..	413	4	3
641	R. 98/1868	May 1, 1898	Taupiri Coal-mines (Limited)	64 52	Huntly	"	5 "	†	Extension, £134	62	18	10	11,839	8	0
706	R. 98/3564	Aug. 1, 1899	Auckland Freezing Company	..	Auckland	"	5 "	"	Rental, £50	876	16	2	179	18	3
713	R. 99/1294	Dec. 1, 1899	J. J. Craig	..	"	"	5 "	"	Rental, £50	1,387	9	0	219	18	5
717	R. 99/3007	June 1, 1899	Taupiri Coal-mines (Limited)	64 45	Huntly	"	5 "	Premium..	236	0	0	10	19	8	
720	R. 00/107	Jan. 1, 1900	Kempthorne, Frosser, and Co.'s New Zealand Drug Company (Limited)	7 48	Westfield	"	10 "	"	160	0	0	869	2	11	
721	R. 99/1601	Jan. 1, 1900	Auckland Freezing Company	7 52	"	Govt. ..	10 "	†	Rental, £25	120	0	0	555	15	10
744	R. 00/668	July 1, 1900	New Zealand Loan and Mercantile Agency Company (Limited)	1 5	Hamilton	Grantees	10 "	"	Rental, £25	175	0	0	173	19	9
796	R. 00/2203	Nov. 1, 1901	Harrison's Taupiri Coal Company (Limited)	64 51	Huntly	"	5 "	"	Rental, £25	230	0	0	7	12	4

* Three months' notice. † Siding originally laid under old agreement.

RETURN NO. 24—continued.
PARTICULARS OF PRIVATE-SIDING TRAFFIC up to 31st March, 1902—continued.

No. of Certificate	Papers.	Date of Grant.	Present Holder.	Position.	Nearest Station.	By whom paid for.	Term of Grant.	Amount of Traffic guaranteed per Annum.	Liquidated Damages or Premium.	Value of the Traffic through the Siding during the Year ending 31st March, 1902.			Total.
										In.	Out.	Total.	
24	C. R. 75/845..	—	Napier Gas Company	M. ch. 2 30	Napier	Govt. ..	Undefined	..	..	£ s. d.	£ s. d.	£ s. d.	£ s. d.
221	R. 80/1588 ..	Dec. 13, 1880	Gear Meat-preserving and Freezing Company (Limited)	6 37	Petone	Grantees	10 years*	Premium..	117 19 11	400 19 0	128 19 6	529 18 6	
495	R. 92/1948 ..	Sept. 1, 1892	Williams and Kettle (Limited)	100 4	Hastings	"	"	"	Rental, £25	847 5 8	1,952 14 0	2,799 19 8	
522	R. 93/3608 ..	Nov. 1, 1893	Nelson Brothers (Limited)	101 57	Tomona	"	"	"	Rental, £25	302 16 7	160 10 1	463 6 8	
526	R. 94/504 ..	April 18, 1894	Rathbone and Mathews ..	36 73	Mangatera	"	"	+	Rental, £25	2,256 19 4	3,068 4 8	5,325 4 0	
531	R. 94/2089 ..	June 1, 1894	Wellington Meat Export Company (Limited)	3 9	Ngahauranga	"	"	+	539 0 0	16 12 5	2,527 1 11	2,543 14 4	
575	R. 95/5462 ..	Nov. 15, 1895	Taranaki Freezing works Company (Limited)	9 40	Moturoa	"	"	Premium..	Rental, £25	824 5 5	2,539 13 8	3,363 19 1	
580	R. 96/114 ..	Jan. 1, 1896	Robert Holt	111 79	Napier	Govt. ..	"	+	275 0 0	2,051 13 10	950 1 0	3,001 14 10	
581	R. 95/3386 ..	Aug. 1, 1895	M. W. Welch, W. E. Welch, S. Death, D. Judd	11 70	Belmont	Govt. ..	"	..	Rental, £50	2,999 12 6	1 4 6	3,000 17 0	
606	R. 97/825 ..	Mar. 1, 1897	H. Brown and Co.	221 31	Stratford	Grantees	"	+	..	3 0 0	95 4 7	98 4 7	
610	R. 97/1238 ..	April 1, 1897	W. Aiken	142 59	Okoiia	"	"	+	..	452 8 4	25 3 2	25 3 2	
614	R. 97/2622 ..	May 1, 1897	N. King	7 53	New Plymouth	"	"	+	..	22 17 1	144 17 10	597 6 2	
617	R. 97/2654 ..	Mar. 26, 1897	Williams and Beetham ..	62 10	Waingawa	"	"	+	Rental, £25	22 17 1	418 14 1	441 11 2	
618	R. 97/172 ..	July 1, 1897	B. L. Knight	91 51	Newman	"	"	Premium..	200 0 0	7 14 0	1,362 17 4	1,370 11 4	
626	R. 97/1942 ..	Aug. 1, 1897	Henry and Co. ..	93 35	Hukanui	"	"	+	..	3 11 1	601 13 11	605 5 0	
637	R. 97/4085 ..	Nov. 1, 1897	Murray, Roberts, and Co.	113 72	Spit	Govt. ..	"	+	Rental, £25	816 15 5	123 7 10	940 3 3	
628	R. 97/4270 ..	Dec. 1, 1897	New Plymouth Sash and Door Factory and Timber Company (Ltd.)	228 72	Tariki Road	Grantees	"	+	..	..	755 6 7	755 6 7	
639	R. 97/4273 ..	Nov. 1, 1897	C. Brown (Mrs.)..	217 58	Ngairi	"	"	+	70 0 0	154 19 10	247 2 1	247 2 1	
633	R. 97/4854 ..	Dec. 1, 1897	Mitchell and Co.	147 45	Aramoho	"	"	Premium..	Rental, £25	525 19 4	281 0 9	436 0 7	
637	R. 97/3534 ..	Mar. 1, 1898	Levin and Co. (Limited) ..	65 45	Masterton	Govt. and grantees	"	..	Rental, £25	91 0 9	1,559 4 6	2,085 3 10	
640	R. 98/1598 ..	April 1, 1898	Kendriok Brothers	147 56	Aranoho	Grantees	"	+	..	44 9 1	46 9 3	137 10 0	
643	R. 97/4652 ..	April 1, 1898	Tiratu Sawmill Company	35 32	Mangatera	"	"	Premium..	330 0 0	14 9 1	2,338 2 8	2,347 11 9	
645	R. 98/3766 ..	Jan. 1, 1899	Dalgety and Co. (Limited)	113 64	Spit	"	"	+	Rental, £25	444 2 5	10 17 4	454 19 9	
647	R. 98/3331 ..	Oct. 1, 1898	W. G. Bassett ..	2 14	Wanganui	"	"	Premium..	188 0 0	2,414 10 1	4 1 9	2,418 11 10	
656	R. 98/2734 ..	Feb. 1, 1899	G. A. Gamman and Co. ..	87 39	Palmerston North	"	"	..	Rental, £25	1,555 4 2	174 11 1	1,729 15 3	
657	R. 99/1050 ..	April 1, 1899	New Plymouth Sash and Door Factory and Timber Company (Ltd.)	217 64	Ngairi	Govt. and grantees	"	+	Rental, £25	..	82 15 9	82 15 9	
667	R. 98/4419 ..	June 1, 1899	G. A. Gamman and Co. ..	51 39	Kopua	Grantees	"	Premium..	112 6 0	18 4 4	1,664 14 3	1,682 18 7	
672	R. 99/1984 ..	May 1, 1899	Wanganui Sash and Door Factory and Timber Company (Limited)	2 52	Wanganui	Govt. ..	"	+	Rental, £25	4,800 7 4	1,128 9 1	5,928 16 5	
705	R. 97/2271 ..	Aug. 1, 1899	Bartholomew Brothers ..	99 30	Felding	"	"	+	Repairs, £2	1,106 8 6	..	1,106 8 6	
707	R. 98/3870 ..	Oct. 1, 1899	Manawatu County Council	13 34	Carnarvon	Grantees	"	+	Rental, £25	96 14 4	92 18 0	189 12 4	

RETURN NO. 24—continued.
PARTICULARS OF PRIVATE-SIDING TRAFFIC up to 31st March, 1902.—continued.

No.	Papers.	Date of Grant.	Present Holder.	Position.	Nearest Station.	By whom paid for.	Term of Grant.	Amount of Traffic guaranteed per Annum.	Liquidated Damages or Premium.		Value of the Traffic through the Siding during the Year ending 31st March, 1902.			Total.
									£	s. d.	£	s. d.	£	
486	R. 92/739 ..	Mar. 24, 1892	Southland Frozen Meat and Produce Export Company (Limited)	M. ch 342 48	Macaura	Grantees	10 years*	Premium..	300 0 0	..	1,703 18 1	647 8 3	2,358 6 4	
487	R. 92/852 ..	Feb. 1, 1892	Canterbury Farmers' Co-operative Association (Limited)	106 9	Timaru	"	"	+	Rental, £25 Extension, £270	..	643 5 3	1,911 2 2	2,554 7 5	
488	R. 92/806 ..	Mar. 1, 1892	N.Z. Loan and Mercantile Agency Company (Limited)	6 51	Christchurch	"	"	+	Rental, £50	..	620 3 10	1,372 10 11	1,992 14 9	
493	R. 92/1937 ..	Feb. 1, 1892	Executors of late M. Studholme ..	0 6	Studholme	"	"	+	Rental, £25	..	253 2 2	7 10 2	260 12 4	
498	R. 92/3835 ..	Oct. 1, 1892	Canterbury Frozen Meat and Dairy-produce Export Company (Limited)	7 8	Belfast	"	"	+	Rental, £25	..	6,044 15 3	5,252 8 6	11,297 3 9	
499	R. 92/4111 ..	Dec. 14, 1892	Canterbury Central Co-operative Dairy Company (Limited)	7 50	Addington	"	"	Premium..	46 0 0	..	70 2 11	189 7 4	259 10 3	
500	R. 92/3737 ..	Nov. 1, 1892	N.Z. Loan and Mercantile Agency Company (Limited)	105 75	Timaru	"	"	+	Rental, £50	..	121 3 5	457 13 1	578 16 6	
505	R. 93/40 ..	Nov. 1, 1892	National Mortgage and Agency Co. of New Zealand (Limited)	105 74	"	"	8 years & 8 months*	+	Rental, £50	..	..	..	..
506	R. 93/109 ..	Jan. 1, 1893	William H. Martyn ..	2 58	Wetheral	"	10 years*	+	Rental, £25	..	164 7 7	64 18 8	229 5 10	
510	R. 93/1075 ..	Feb. 1, 1893	N.Z. Loan and Mercantile Agency Company (Limited)	335 7	Gore	"	"	+	Rental, £25	..	352 5 8	183 1 0	485 6 8	
511	R. 93/1228 ..	Dec. 1, 1892	Donald Reid and Co. ..	236 17	Dunedin	"	"	+	Rental, £50	..	338 2 1	3,906 7 2	4,244 9 3	
514	R. 93/1824 ..	May 1, 1893	Lytelton Borough Council (Shaw-Savill and Albion Co., and Kaye and Carter, tenants)	0 0	Lytelton	"	"	+	Rental, £50	..	1,419 18 6	6,024 4 5	7,444 2 11	
515	R. 93/2140 ..	May 1, 1893	Nichol Brothers..	391 64	Bluff	Govt. and grantees	"	+	Rental, £50	..	2,688 9 3	8,718 7 9	11,401 17 0	
529	R. 94/2207 ..	May 6, 1894	John Murdoch and Co. ..	235 52	Dunedin	"	"	+	Rental, £50	..	409 16 4	3,319 11 3	3,729 7 7	
540	R. 94/3026 ..	Feb. 1, 1894	J. G. Ward ..	391 43	Bluff	Grantees	10 "	+	Rental, £50	..	1,312 3 6	5,474 10 1	6,786 13 7	
547	R. 94/3672 ..	Oct. 1, 1894	N.Z. Loan and Mercantile Agency Company (Limited)	236 10	Dunedin	Govt. and grantees	10 "	+	Rental, £50	..	438 19 5	2,991 5 1	3,430 4 6	
551	R. 94/3949 ..	Dec. 1, 1894	N.Z. Loan and Mercantile Agency Company (Limited)	374 55	Invercargill	Grantees	10 "	+	Rental, £50	..	240 7 3	326 5 11	566 13 2	
555	R. 94/4311 ..	Jan. 1, 1895	Tohill, Watson, and Co. ..	391 65	Bluff	"	"	+	Rental, £50	..	469 2 5	1,492 6 8	1,961 9 1	
563	R. 95/2127 ..	May 1, 1895	G. McClatchie and Co. ..	6 9	Christchurch	Govt. ..	10 "	+	Rental, £50	..	88 16 3	2,211 7 8	2,300 3 11	
583	R. 96/388 ..	Jan. 1, 1896	Broad, Small, and Co. ..	374 46	Invercargill	"	"	+	Rental, £50	..	97 10 6	141 7 1	238 17 7	
584	R. 96/418 ..	Jan. 1, 1896	T. D. Ward (Mrs.) and M. Carr and Co. (used by J. G. Ward & Co. also)	374 39	"	Grantees	"	+	Rental, £50	..	570 10 1	724 10 9	1,295 0 10	
586	R. 96/2472 ..	Nov. 1, 1901	T. Teschemaker.	165 26	Teschemaker's	Govt. ..	1 "	+	..	..	150 13 2	7 15 11	158 9 1
593	R. 96/3013 ..	July 1, 1896	James Macfie and Co. (Limited)	235 44	Dunedin	Grantees	10 "	+	Rental, £50	..	75 5 3	1,363 6 10	1,438 12 1	
595	R. 96/2443 ..	July 1, 1896	Nelson Brothers (Limited)	12 0	Hornby	"	"	+	350 0 0	..	8 6 8	..	8 6 8	
604	R. 95/2198 ..	Dec. 1, 1896	Christchurch Meat Co. (Limited)	103 70	Smithfield	"	"	+	Rental, £25	..	5,375 19 4	2,981 13 0	8,357 12 4	
607	R. 97/863 ..	Feb. 1, 1897	E. G. Allen ..	227 78	Upper Port Chalmers	"	5 "	+	..	..	..	..	..

HURUNUI-BLUFF SECTION—continued.

608	R. 97/1122	Mar. 1, 1897	D. N. Inwood	90 75	Winchester	Grantees	10 years*	†	Rental, £25	69 8 3
612	R. 97/671	Mar. 1, 1897	Bruce Woollen Manufacturing Company (Limited)	271 41	Milton	"	10 "	†	45 0 0	163 15 0
613	R. 97/2053	April 1, 1897	N.Z. Trust and Loan Company (Limited)	257 61	Healey	"	5 "	†	638 17 5	31 14 7
630	R. 97/426	Nov. 1, 1897	Timaru Milling Company (Limited)	106 25	Timaru	Govt. "	10 "	†	1,695 10 2	406 7 2
631	R. 97/4377	Oct. 1, 1897	P. McGill	271 42	Milton	"	10 "	†	579 16 4	1,491 9 2
634	R. 97/2966	Jan. 1, 1898	Evans and Co. (Limited)	105 75	Timaru	Grantees	10 "	†	382 7 1	1,175 5 6
636	R. 97/3139	Feb. 1, 1898	A. Moritzson and Co.	236, 48	Dunedin	"	10 "	†	336 0 0	118 12 0
638	R. 98/503	Jan. 1, 1898	F. Lischner and J. Drummond	4 72	Conical Hill	"	5 "	†	0 7 0	316 2 10
639	R. 98/1147	Jan. 1, 1898	John Deans	6 10	Christchurch	Govt. "	10 "	†	988 18 0	7 5 9
642	R. 98/2079	May 1, 1898	J. Anderson	0 16	Lytelton	"	3 "	†	239 12 6	631 11 1
644	R. 98/2669	Sept. 1, 1898	J. H. Lambert	237 2	Kensington	"	10 "	†	159 3 7	5 16 7
646	R. 98/4080	Sept. 1, 1898	Canterbury Frozen Meat and Dairy Produce Export Company (Ltd.)	55 3	Fairfield	Grantees	10 "	†	680 0 0	3,214 19 10
648	R. 98/4233	Oct. 1, 1898	Oamaru Totara Tree Stone Company	163 12	Whitecraig	"	5 "	†	27 6 8	805 15 11
650	R. 98/4318	Oct. 1, 1898	J. Gore	244 13	Wingatui	"	5 "	†	151 14 5	1,141 7 9
651	R. 98/4319	Dec. 1, 1898	J. Palmer	234 53	Pelichet Bay	Govt. "	5 "	†	13 18 8	1,270 5 0
654	R. 99/263	Feb. 1, 1899	J. Borgfeldt	3 31	Papanui	Grantees	5 "	†	134 11 3	1,284 3 8
655	R. 99/490	Jan. 1, 1899	N.Z. Loan and Mercantile Agency Company (Limited)	0 21	Lytelton	"	10 "	†	719 7 0	173 3 4
658	R. 98/3247	April 1, 1899	Friedlander Brothers (Limited)	16 40	Lyndhurst	Govt. and grantees	10 "	†	39 4 9	1,180 18 11
661	R. 98/4524	April 1, 1899	New Zealand Collieries, Railways, and Oil Syndicate (Limited)	35 29	Orepuki	Govt. "	5 "	†	810 12 2	958 3 0
662	R. 99/1727	May 1, 1899	J. Goss	6 62	Christchurch	"	10 "	†	1,371 17 7	66 12 3
663	R. 99/1738	May 1, 1899	Wigram Brothers	2 4	Heathcote	"	10 "	†	410 1 11	336 10 0
664	R. 99/1726	May 1, 1899	Williams, Stephens, and Co. (Limited)	5 79	Christchurch	"	2 years and 8 months*	†	494 16 6	1 15 6
665	R. 99/1728	May 1, 1899	Dalgely and Co. (Limited)	6 45	"	"	10 years*	†	2,699 5 9	319 19 4
666	R. 99/1832	May 1, 1899	Belford Mills Company	106 8	Timaru	"	10 "	†	1,020 4 2	343 12 6
668	R. 99/1922	May 1, 1899	Friedlander Brothers (Limited)	60 68	Tinwald	"	10 "	†	116 18 2	2,658 18 1
669	R. 99/1936	May 1, 1899	Friedlander Brothers (Limited)	58 73	Ashburton	"	10 "	†	566 4 0	4,352 0 7
670	R. 99/1934	May 1, 1899	Fleming and Gilkison	335 5	Gore	"	10 "	†	669 12 4	1,127 19 11
671	R. 99/1935	May 1, 1899	J. B. Hobart	6 19	Christchurch	Govt. and grantees	10 "	†	3,089 19 1	352 6 10
673	R. 99/2066	June 1, 1899	Farmers' Agency Company (Limited)	236 32	Dunedin	Grantees	10 "	†	969 8 5	120 7 1
674	R. 99/2065	Aug. 1, 1899	New Zealand Provision and Produce Company	7 2	Belfast	"	10 "	†	409 16 8	491 8 0
675	R. 99/2092	May 1, 1899	National Mortgage and Agency Company of New Zealand (Limited)	374 56	Invercargill	Govt. "	10 "	†	618 4 6	806 3 1
676	R. 99/2096	Aug. 1, 1899	Lytelton Borough Council	2 65	Heathcote	"	5 "	†	42 7 3	42 7 3
679	R. 99/2174	May 1, 1899	Fleming and Gilkison	374 5	Elles Road	"	10 "	†	1,273 18 3	282 0 1
679	R. 99/2218	Aug. 1, 1899	T. Hodgkinson	6 44	Lind's Bridge	"	5 "	†	12 4 7	154 9 8
680	R. 99/1120	July 1, 1899	Wright, Stephenson, and Co.	375 11	Invercargill	Grantees	10 "	†	905 11 2	960 9 0
682	R. 99/2313	Aug. 1, 1899	Invercargill Corporation	0 1	"	Govt. "	5 "	†	658 5 7	49 15 5
683	R. 97/2821	Aug. 1, 1899	Dalgely and Co. (Limited)	236 21	Dunedin	Grantees	10 "	†	4,220 3 4	402 0 3

* Three months' notice. † Siding originally laid under old agreement.

RETURN NO. 24—continued.
PARTICULARS of PRIVATE-SIDING TRAFFIC up to 31st March, 1902—continued.

No. of Reg. P.M.	Papers.	Date of Grant.	Present Holder.	Position.	Nearest Station.	By whom paid for.	Term of Grant.	Amount of Traffic guaranteed per Annum.	Liquidated Damages or Premium.	Value of the Traffic through the Siding during the Year ending 31st March, 1902.			Total.
										£ s. d.	In.	Out.	
684	R. 99/2343	Aug. 1, 1899	Smart and Son	M. ch. 12 11	Hornby	Govt.	5 years	†	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
685	R. 99/2339	April 1, 1899	Olago Dock Trust	1 15	Port Chalmers	"	"	†	..	314 3 3	317 3 10	317 3 10	
686	R. 99/2422	May 1, 1899	Friedlander Brothers (Limited)	58 72	Ashburton	"	10	†	Rental, £25	490 7 5	2,811 1 8	2,811 1 8	
687	R. 99/2392	Aug. 1, 1899	J. Freeman	241 71	Abbotsford	"	5	†	..	59 2 9	76 6 3	76 6 3	
690	R. 99/2394	Aug. 1, 1899	B. C. Calverley	241 70	Abbotsford	"	5	†	..	21 4 4	730 8 8	751 13 0	
691	R. 99/2406	Aug. 1, 1899	Christchurch Meat Company (Limited)	13 10	Islington (1st sdg.)	Govt. and grantees	10	†	Rental, £25	158 5 8	158 5 8	158 5 8	
692	R. 99/2427	May 1, 1899	Canterbury Roller Flour-mills Company	13 13	Islington (2nd ")	grantees	10	†	Rental, £25	6,821 17 9	12,978 9 10	12,978 9 10	
693	R. 99/2017	Aug. 1, 1899	Oamaru Borough Council	157 41	Oamaru	"	5	†	Rental, £25	230 14 10	1,189 16 11	1,420 11 9	
695	R. 99/1968	Aug. 1, 1899	W. Scott and Co.	25 39	Southbridge	Govt.	10	†	..	26 9 1	11 1 10	37 10 11	
696	R. 99/2207	Aug. 1, 1899	Walton Park Coal Company	2 3	Walton Park	"	5	†	Rental, £25	291 15 2	346 8 3	638 3 5	
697	R. 99/2523	Aug. 1, 1899	T. W. and A. Buxton	6 41	Lind's Bridge	"	5	†	Repairs, £9 12s. 9d.	17 14 1	1,062 18 5	1,080 12 6	
698	R. 99/2537	June 1, 1899	New Zealand Refrigerating Company (Limited)	155 23	Eveline	Grantees	10	†	Rental, £50	40 10 10	134 14 2	175 5 0	
699	R. 99/2042	Oct. 1, 1899	New Zealand Shipping Company (Limited)	391 47	Bluff	"	10	†	67 11 0	47 0 7	482 5 0	479 5 7	
700	R. 99/2653	May 1, 1899	W. White and Co.	7 46	Addington	Govt.	10	†	Rental, £50	1,923 8 9	222 5 10	2,145 14 7	
702	R. 99/1967	June 1, 1899	Evans and Co. (Limited)	236 26	Dunedin	"	10	†	Rental, £25	3,114 3 5	400 5 6	3,514 8 11	
703	R. 99/2225	Aug. 1, 1899	W. Quinn	121 76	Otaio	Govt. and grantees	3	†	Rental, £50	410 5 9	13 15 0	424 0 9	
704	R. 98/4221	Nov. 1, 1899	Invercargill Corporation	2 20	Waikwi	Grantees	5	†	190 9 0	289 16 5	314 5 7	604 2 0	
708	R. 99/2601	Sept. 1, 1899	N.Z. and Australian Land Company (Limited)	351 64	Eldendale	Govt.	5	†	..	33 5 11	15 15 0	49 0 11	
709	R. 99/2416	Nov. 1, 1899	N.Z. Loan and Mercantile Agency Company (Limited)	391 48	Bluff	"	10	†	Repairs, £3	104 11 6	212 14 0	317 5 6	
711	R. 99/2613	Nov. 1, 1899	Lyttelton Harbour Board	3 73	Lyttelton	"	5	†	Rental, £50	2,754 8 7	943 1 0	3,697 9 7	
715	R. 99/1719	Aug. 1, 1899	Bowron Bros.	3 73	Woolston	Grantees	10	†	170 0 0	2,021 0 2	691 3 2	2,712 3 4	
716	R. 99/2505	Oct. 1, 1899	Milburn Lime and Cement Company (Limited)	235 25	Dunedin	"	10	†	Rental, £25	1,102 14 4	454 15 6	1,557 9 10	
719	R. 99/2731	Aug. 1, 1899	Milburn Lime and Cement Company (Limited)	267 44	Milburn	Govt.	5	†	..	784 6 0	834 11 2	1,618 17 2	
722	R. 00/141	Jan. 1, 1900	H. Harraway	0 14	Burnside	Govt. and grantees	10	†	Rental, £25	696 11 9	187 0 2	883 11 11	
723	R. 99/2509	Jan. 1, 1900	D. McGregor	25 31	Centre Bush	Grantees	5	†	80 0 0	..	310 1 6	310 1 6	
727	R. 00/992	Jan. 1, 1900	Milburn Lime and Cement Company (Limited)	23 2	Limehills	Govt.	5	†	Repairs, £7 5s.	13 12 6	114 8 6	128 1 0	
729	R. 00/991	April 1, 1900	G. G. Stead and Co.	7 59	Addington	Grantees	10	†	Rental, £25	902 19 3	400 1 9	1,303 1 0	
731	R. 99/3068	May 1, 1900	Wright, Stephenson, and Co.	26 50	Balfour	"	10	†	79 14 0	250 10 3	1,242 4 10	1,492 15 1	
732	R. 00/1193	May 1, 1900	J. and T. Meek	158 18	Oamaru	Govt.	10	†	Rental, £50	310 11 6	293 10 2	604 1 8	
733	R. 00/1238	May 1, 1900	Southland County Council	5 4	Wyndham	Grantees	5	†	..	..	..	..

HURUNUI-BLUFF SECTION—continued.

730	R. 99/367	Feb. 1, 1900	N. Z. Farmers' Co-operative Association of Canterbury (Limited)	59 4	Ashburton	..	Grantees	10 years*	+	Rental, £25	640 10 8	1,325 16 0	1,966 6 8
740	R. 99/2857	May 1, 1900	J. Craig and Co.	187 45	Oamaru	..	Govt. ..	10 "	+	Rental, £50	1,698 19 9	149 19 1	1,848 18 10
742	R. 00/568	July 1, 1900	Christchurch City Council	9 22	Chaney's	..	Govt. and grantees	5 "	Premium..	485 0 0	163 16 6	..	163 16 6
743	R. 00/1774	May 1, 1900	Lyttelton Harbour Board	0 0	Lyttelton	..	Grantees	5 "	+	..	(Included with No. 711.)	..	..
745	R. 99/2803	July 1, 1900	C. P. Sleeman ..	342 70	Mataura	..	Grantees	5 "	Premium..	195 0 0	183 19 10	743 0 10	743 0 10
749	R. 00/2042	Oct. 1, 1900	D. Thomas ..	58 76	Ashburton	..	"	10 "	+	Rental, £25	1,786 13 5	1,920 13 3	1,920 13 3
751	R. 00/1147	Aug. 1, 1900	Christchurch Gas, Coal, and Coke Company (Limited)	6 1	Christchurch	..	Govt. and grantees	10 "	+	Rental, £50	2,117 8 11	27 16 10	2,145 5 9
754	R. 00/694	Oct. 1, 1900	Timaru Harbour Board (National Mortgage and Agency Company, Ltd., and Mill and Co., tenants)	105 74	Timaru	..	Grantees	10 "	Premium..	95 0 0	1,385 3 3	420 7 11	1,805 11 2
757	R. 00/1040	Dec. 1, 1900	(Otago Farmers' Co-operative Association of New Zealand (Ltd.) (Wright, Stephenson, and Co. ..)	236 35	Dunedin	..	"	10 "	Premium	550 0 0	{ 837 11 8 3,962 17 10	66 17 4 798 10 6	904 9 0 4,761 8 4
761	R. 01/862	Feb. 9, 1901	McCallum and Co.	365 37	Longbush	..	"	1 "	+	267 0 0	..	379 7 6	379 7 6
763	R. 00/2041	Feb. 1, 1901	A. and D. McPherson and Co., and R. Meek and Co.	7 22	Fairfax	..	"	5 "	Premium..	..	140 13 0	225 7 0	366 0 0
766	R. 01/1037	Mar. 1, 1901	Lyttelton Harbour Board	0 15	Lyttelton	..	"	5 "	+	..	(Included with No. 711.)	..	..
767	R. 00/478	Feb. 1, 1901	Canterbury (N.Z.) Seed Company (Limited), and H. Matson and Co.	7 60	Addington	..	"	8 "	+	Rental, each £25	1,372 9 2	731 18 4	2,104 7 6
768	R. 01/1045	April 1, 1901	Timpany Brothers	14 72	Kapuka	..	"	5 "	+	25 0 0	22 9 7	2,351 14 1	2,374 3 8
769	R. 01/776	May 1, 1901	Tobill, Watson, and Co.	..	Gore	..	"	5 "	Premium..	Rental, £25	229 5 11	357 19 0	587 4 11
772	R. 01/1375	May 1, 1901	McCallum and Co.	15 0	Kapuka	..	"	5 "	+	..	23 9 8	2,202 9 4	2,225 19 0
774	R. 01/1837	Sept. 1, 1901	National Mortgage and Agency Co. of N.Z. (Limited)	7 57	Addington	..	"	10 "	+	Rental, £25	400 1 10	380 16 0	780 17 10
775	R. 01/1661	July 1, 1901	Kempthorne, Prosser, and Co.'s N.Z. Drug Company (Limited)	239 24	Cattle-yards	..	"	10 "	+	Rental, £25	432 10 0	1,192 7 3	1,624 17 3
776	R. 01/1660	Aug. 1, 1901	Moir and Co.	16 69	Southbrook	..	Govt. ..	10 "	+	Rental, £25	498 0 2	505 16 0	1,003 16 2
778	R. 01/1604	July 1, 1901	W. Borlase	228 62	Sawyers' Bay	..	Grantees	5 "	+	..	2 10 3	65 0 6	67 10 9
779	R. 00/1489	Sept. 14, 1901	Birt and Co. (Limited)	330 12	Ocean Beach	..	"	10 "	+	Rental, £25	2,684 17 3	691 7 11	3,376 5 2
782	R. 95/1853	Oct. 1, 1901	N.Z. Provision and Produce Co.	..	Belfast	..	"	10 "	+	Rental, £25	150 2 7	332 19 5	483 2 0
783	R. 00/1544	Sept. 1, 1901	Lovell's Flat Coal Company	..	Lovell's Flat	..	"	1 "	+	..	68 7 5	3,003 14 9	3,072 2 2
784	R. 01/2438	Oct. 1, 1901	Wood Brothers (Limited)	..	Addington	..	"	10 "	+	Rental, £25	1,582 5 2	1,230 3 2	2,812 8 4
785	R. 99/2623	Oct. 1, 1901	Otago Iron-rolling Mills Company (Limited)	..	Burnside	..	"	5 "	+	..	910 16 2	58 16 2	969 12 4
790	R. 99/2990	Jan. 1, 1902	Corporation of Invercargill	..	Greenhills	..	Govt. ..	5 "	+	..	..	488 8 4	488 8 4
791	R. 01/2857	Dec. 1, 1901	D. H. Brown and Son	7 29	Addington	..	Govt. and grantees	10 "	+	Rental, £25	1,442 13 10	700 1 2	2,142 15 0
795	R. 00/1690	Jan. 1, 1902	N.Z. Refrigerating Co. (Limited)	239 27	Cattle-yards	..	Grantees	10 "	+	Rental, £25	3,466 15 0	1,673 5 7	5,140 0 7
801	R. 02/808	Mar. 1, 1902	William Booth and Co.	..	Christchurch	..	Govt. ..	1 "	+	Rental, £50	30 15 11	..	30 15 11
803	R. 99/2224	Feb. 1, 1902	Canterbury Farmers' Co-operative Association (Limited)	..	Timaru	..	Grantees	10 "	+	Rental, £50	..	..	..
812	R. 01/862	Feb. 9, 1902	McCallum and Co.	365 37	Longbush	..	"	6 months*	+	Rental, £1 per month	..	..	..
15	R. 96/1963	Feb. 1, 1902	W. Quinn	..	Stucholme	..	"	10 years*	+	Rental, £25	88 3 6	317 7 10	405 11 4

* Three months' notice. † Siding originally laid under old agreement.

RETURN NO. 24—continued.
PARTICULARS of PRIVATE-SIDING TRAFFIC up to 31st March, 1902—continued.

Ref. No.	Papers.	Date of Grant.	Present Holder.	Position.	Nearest Station.	By whom paid for.	Term of Grant.	Amount of Traffic guaranteed per Annum.	Liquidated Damages or Premium.	Value of the Traffic through the Siding during the Year ending 31st March, 1902.			Total.
										In.	Out.	Total.	
WESTLAND SECTION.													
344	R. 86/2585	Aug. 20, 1886	Westport Colliery Company	M. ch. 8 0	Brunner	Greymouth Har. Bd.	Undefined	..	£ s. d. ..	94 14 3	10,658 14 0	10,753 8 3	
525	R. 94/1176	Jan. 1, 1894	Stratford, Blair, and Co. ..	0 0	Greymouth	Govt. ..	10 years* ..	..	Rental, £25	815 10 8	158 10 8	974 1 4
653	R. 98/2908	Oct. 1, 1898	O. Butler ..	6 58	Cameron's	Grantees	5 " * ..	..	103 7 5	10 2 5	283 14 2	293 16 7
688	R. 99/2391	Aug. 1, 1899	W. Morris ..	10 74	Kumara	Govt. ..	5 " * ..	..	..	8 0 10	388 15 1	396 15 11
689	R. 99/2393	Aug. 1, 1899	Westland Sawmilling Company (Limited)	16 9	Awatuna	" ..	5 " * ..	..	..	5 0 11	406 5 6	411 6 5
710	R. 99/2778	Nov. 1, 1899	G. Perotti ..	3 21	Nelson Creek	" ..	5 " * ..	..	..	62 18 5	64 18 0	127 16 5
712	R. 94/2445	Aug. 1, 1899	T. W. Wilson (Stratford, Blair, and Co., tenant-)	2 52	Kaiata	" ..	5 " * ..	..	..	14 18 9	153 10 2	168 8 11
714	R. 99/2900	Nov. 1, 1899	Malfroy and Co. ..	21 63	Ho Ho	Govt. and grantees	5 " * ..	..	..	6 0 3	464 4 5	470 4 8
724	R. 00/197	Jan. 1, 1900	G. D. Wilson and Co. ..	10 77	Kumara	Ditto ..	5 " * ..	..	..	9 1 8	415 11 0	424 12 8
728	R. 99/1729	Mar. 1, 1900	Stratford, Blair, and Co. ..	4 38	Dobson	Grantees	5 " * ..	..	..	6 4 1	732 13 11	738 18 0
764	R. 01/356	April 1, 1901	Perawera Sawmill Company (Ltd.)	..	Inchbonnie	" ..	5 " * ..	Premium..	163 0 0	25 15 8	327 10 0	353 5 8	
773	R. 00/2624	Aug. 1, 1901	Despatch Foundry Company (Ltd.)	..	Greymouth	" ..	5 " * ..	" ..	185 0 0	75 2 2	184 6 11	259 9 1	
787	R. 01/456	Oct. 1, 1900	Jack Brothers ..	..	Kotuku	" ..	5 " * ..	" ..	Rental, £25	22 13 4	46 13 4	69 6 8
802	R. 02/552	Oct. 1, 1900	Blackball Coal Company..	..	Ngahere	Taken over with Mid-land Rly.	5 " * ..	..	280 0 0	..	..	..
803	R. 02/557	Oct. 1, 1900	Stratford, Blair, and Co. ..	..	Kokiri	Ditto ..	5 " * ..	..	..	..	..	..
804	R. 02/555	Oct. 1, 1900	Andrew Matheson ..	..	Abaura	" ..	5 " * ..	..	..	..	..	..
805	R. 02/556	Oct. 1, 1900	Lake Brunner Sawmill Company..	..	Moana	" ..	5 " * ..	..	..	..	..	..
806	R. 02/553	Oct. 1, 1900	Kotuku Sawmill Company	..	Kotuku	" ..	5 " * ..	..	..	..	..	..
807	R. 02/558	Oct. 1, 1900	Baxter Brothers ..	..	Kokiri	" ..	5 " * ..	..	..	..	..	..
808	R. 02/554	Oct. 1, 1900	Trustees of James Goss's Estate	..	Moana	" ..	5 " * ..	..	..	..	..	..
WESTPORT SECTION.													
747	R. 00/2091	April 1, 1900	D. P. Munn ..	26 72	Mokihinui	Govt. ..	5 years* ..	..	Repairs, £5 16s.	..	94 16 7	94 16 7
810	R. 00/2091	Mar. 1, 1902	W. and J. Marris ..	26 72	"	" ..	5 " * ..	..	..	..	..	..
NELSON SECTION.													
238	R. 81/1947	Aug. 31, 1881	Neale and Haddow ..	1 0	Nelson	Grantees	10 years* ..	Premium..	150 0 0	230 3 2	4 13 4	234 16 6	
PICTON SECTION.													
519	R. 93/3737	Nov. 1, 1893	N.Z. Loan and Mercantile Agency Company (Limited)	17 62	Blenheim	Grantees	10 years* ..	..	Rental, £25	42 13 10	276 1 0	318 14 10
794	R. 99/2880	Dec. 1, 1901	Christchurch Meat Company (Ltd.)	13 35	Spring Creek	"	10 " * ..	..	Rental, £25 Repairs, £15	10 6 1	30 5 4	40 11 5
797	R. 01/2132	Feb. 1, 1902	Levin and Co. (Limited) ..	17 69	Blenheim	"	10 " * ..	..	Rental, £25	113 2 3	116 5 7	229 7 10
800	R. 91/3490	Nov. 1, 1901	N.Z. Loan and Mercantile Agency Company (Limited)	..	Picton	"	10 " * ..	..	Repairs, £5; Rental, £25	225 16 8	46 13 10	272 10 6

* Three months' notice. † Siding originally laid under old agreement.

RETURN No. 25.

STATEMENT showing approximately SLEEPERS LAID and REMOVED up to 31st March, 1902.

Year.	Approximate Length opened each Year.			Sleepers.	
	North Island.	Middle Island.	Total.	Laid during Construction. (2,100 per mile.)	Removed during Maintenance.†
	M. ch.	M. ch.	M. ch.		
1867 .. ..	..	45 70	45 70	96,338	..
1870-71 .. ..	..	18 58	18 58	39,323	..
1871-72 .. ..	..	11 68	11 68	24,885	..
1872-73 .. ..	..	27 62	27 62	58,327	..
1873-74	10 55	11 21	21 76	46,095	..
1874-75	61 19	126 78	188 17	395,246	..
1875-76	69 23	248 4	317 27	666,409	..
1876-77	64 24	152 39	216 63	455,254	..
1877-78	103 76	94 58	198 54	417,217	..
1878-79	27 19	56 46	83 65	176,006	..
1879-80*	26 33	40 73	67 26	141,382	..
1880-81	68 39	32 71	101 30	212,888	74,261
1881-82	22 67	40 16	63 3	132,379	73,947
1882-83	2 2	40 19	42 21	88,751	106,763
1883-84	22 19	22 50	44 69	94,211	125,632
1884-85	56 0	24 0	80 0	168,000	148,325
1885-86	43 26	47 52	90 78	191,048	137,993
1886-87	58 72	11 39	70 31	147,814	139,040
1887-88	11 47	17 32	28 79	60,874	122,027
1888-89	18 31	..	18 31	42,814	108,690
1889-90	11 57	20 68	32 45	68,381	129,634
1890-91	28 21	5 68	34 9	71,636	133,954
1891-92 .. ..	..	27 27	27 27	57,408	139,912
1892-93	17 26	..	17 26	36,382	132,569
1893-94	28 38	33 58	62 16	130,620	155,827
1894-95	16 62	27 24	44 6	92,558	170,681
1895-96	14 73	3 48	18 41	38,876	188,291
1896-97	3 64	1 11	4 75	10,370	210,588
1897-98	27 46	10 2	37 48	78,960	243,479
1898-99	22 46	11 13	33 59	70,848	282,326
1899-1900 .. ..	..	19 26	19 26	40,582	302,354
1900-1901	4 30	103 38	107 68	226,485	345,433
1901-1902	11 20	12 32	23 52	49,665	309,339
Totals .. ..	..	..	..	4,628,032	3,841,065

* Nine months only.

† Complete information not recorded until 1880-81.

RETURN No. 26.

COMPARATIVE STATEMENT of the NUMBER of EMPLOYEES for March, 1901, and March, 1902.

Department.	Kawakawa.	Whangarei.	Kaiti.	Auckland.	Wellington-Napier-New Plymouth.	Hurunui-Bluff.	Westland.	Westport.	Nelson.	Picton.	Total.
1900-1.											
General .. ..	..	..	..	..	..	..	..	..	..	..	202
Traffic	6	15	9	232	535	1,307	70	47	22	15	2,258
Maintenance	4	26	22	307	832	1,356	126	61	32	20	2,786
Locomotive	4	13	5	289	708	1,301	64	78	13	12	2,547
Totals	14	54	36	828	2,075	4,024	260	186	67	47	7,793
1901-2.											
General .. ..	..	..	..	..	..	..	..	..	..	..	207
Traffic	6	17	9	260	620	1,353	76	54	24	15	2,434
Maintenance	6	18	11	336	768	1,369	124	72	35	26	2,765
Locomotive	3	14	5	319	854	1,529	75	84	15	9	2,907
Totals	15	49	25	915	2,242	4,251	275	210	74	50	8,313

RETURN No. 27.
STATEMENT of ACCIDENTS for the Year ending 31st March, 1902.

Section.	Passengers Killed or Injured.				Servants of the Department Killed or Injured.				Persons Killed or Injured while crossing at Level Crossings.		Trespassers.		Workshops.		Miscellaneous.		Total Killed.	Total Injured.
	From Causes beyond their own Control.		From their own Misconduct or Want of Caution.		From Causes beyond their own Control.		From their own Misconduct or Want of Caution.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.										
Kawakawa
Whangarei	2	...	...	...	...	...	...	...	...	...	...	...	2
Kaihu	2	...	...	...	...	...	...	...	...	...	...	...	2
Auckland	1	1	44	...	10	...	...	...	2	...	34	...	...	1	91
Wellington-Napier - New Plymouth	...	1	...	3	1	99	1	33	3	4	1	1	...	46	...	8	6	195
Hurunui-Bluff	...	3	6	7	1	174	3	51	3	2	1	2	...	68	...	...	14	307
Westland	1	...	16	...	1	1	...	1	...	...	1	...	1	2	20
Westport	1	8	...	...	...	1	1	2	...	1	...	1	2	13
Nelson	1	...	5	...	...	...	...	...	...	...	...	...	...	...	6
Picton	2	...	...	...	1	...	...	...	...	...	...	...	3
Totals	4	6	13	4	352	4	95	7	8	4	7	...	150	...	10	25	639

RETURN NO. 28.

LOCOMOTIVE RETURNS for the Year ending 31st March, 1902.

Type.	No. of Engines.		Average Speed - Miles per Hour.		Engine-Mileage.			Quantity of Stores.				Cost.				Cost per Engine-Mile in Pct. c.				Days in Steam.	
	Detail.		Total.		Running.		Total.		Repairs.		Running.		Total.		Repairs.		Running.		Total.		
	Train.	Shunting.	Ballast.	Total.	Coal.	Oil.	Tallow.	Waste.	Wages and Materials.	Stores.	Fuel.	Wages.	Wages and Materials.	Stores.	Fuel.	Wages.	Wages and Materials.	Stores.	Fuel.		Wages.

KAWAKAWA SECTION.

A	1	12	3,888	1,483	1,008	6,379	894	107	42	42	6	20	224	250	23	75	843	941	139
D	1	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2	...	3,888	1,483	1,008	6,379	894	107	42	42	6	20	224	250	23	75	843	941	139
General charges	...	...	...	...	...	...	...	...	...	...	...	...	...	44	...	...	...	1'65	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	294	...	...	...	11'06	...

WHANGAREI SECTION.

FA	2	17	25,472	5,874	155	31,501	10,637	568	48	455	36	228	629	1,302	27	174	479	992	446
WB	2	17	17,357	6,158	566	24,081	11,162	492	30	348	27	225	400	1,003	27	224	399	10'00	266
Total	4	...	42,829	12,032	721	55,582	21,799	1,060	78	803	63	453	1,029	2,305	27	196	444	995	712
Less recoverable, mileage and expenditure	...	...	...	...	...	128	...	...	...	...	...	...	...	10	...	...	...	02	...
Total	...	...	...	...	...	54,454	...	...	...	...	...	...	...	2,295	...	...	...	993	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	2,295	...	...	...	993	...

KAIHU SECTION.

C	1	15	3,799	1,596	2,114	7,509	1,509	84	4	55	47	85	135	271	13	272	431	866	96
F	2	15	12,956	5,204	132	18,292	3,799	261	17	154	339	217	321	889	16	284	421	11'66	253
Total	3	...	16,755	6,800	2,246	25,801	5,308	345	21	209	386	302	456	1,160	15	281	424	10'79	349
General charges	...	...	...	...	...	...	...	...	...	...	...	...	...	104	...	...	...	97	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	1,264	...	...	...	11'76	...

Type.	Engine-Mileage.				Quantity of Stores.				Cost.				Cost per Engine-Mile in Pence.									
	No. of Engines.	Detail.			Total.	Coal.	Running.			Repairs.	Wages and Material.	Stores.	Running.			Total.	Days in Steam.					
		Train.	Shunting.	Ballast.			Oil.	Tallow.	Waste.				£	£	£			Fuel.	Wages.	Stores.	Fuel.	Wages.
A	1	201,852					
F	13	88,666	88,586	24,600	47,121	3,835	303	1,666	164	1,254	3,452	...	...	...	...	...	2,399
FA	4	86,104	12,103	65	11,162	1,963	123	808	83	955	1,395	...	...	...	...	...	934
J	9	24,956	112	10,342	88,672	5,159	334	2,587	225	2,082	3,021	...	...	...	...	...	2,176
LA	4	89,577	12,769	...	29,114	2,268	126	987	99	836	1,455	...	...	...	...	...	1,020
N	4	37,984	1,718	...	15,378	971	54	398	44	942	370	...	...	...	...	...	297
P	4	72,411	5,755	...	41,396	1,804	128	954	79	1,000	1,166	...	...	...	...	...	757
Q	3	...	89	...	60	7	...	...	...	4	...	...	...	...	...	...	1
R	3	50,768	11,100	...	18,276	1,260	...	548	51	492	881	...	...	...	...	...	554
WA	1	21,970	4,135	...	11,380	715	46	371	32	377	425	...	...	...	...	...	298
WD	2	31,884	7,093	...	18,796	1,311	59	525	57	608	593	...	...	...	...	...	437
Total	48	693,589	168,304	36,597	301,364	19,293	1,244	8,936	834	9,450	12,765	...	...	...	...	...	8,873
		Less recoverable, mileage and expenditure				11,100												...				
		General charges, &c.				887,240												...				
		Total				908,400												...				
						31,359												...				
						617												...				
						30,742												...				
						4,816												...				
						9,62												...				
						35,558												...				

AUCKLAND SECTION.

WELLINGTON-NAPIER-NEW PLYMOUTH SECTION.																		
Type.	No. of Engines.	Average Speed—Miles per Hour.	Train.	Shunting.	Ballast.	Total.	Coal.	Oil.	Tallow.	Waste.	Repairs.	Wages and Material.	Stores.	Fuel.	Wages.	Total.	Days in Steam.	
A	1	12	...	6,143	...	6,143	1,267	50	8	17	52	2	2	59	92	205	...	
C	2	15	1,816	20,035	...	30,996	5,353	843	55	459	22	33	33	334	625	1,014	...	
D	9	15	19,897	70,340	...	109,325	18,342	2,670	206	1,615	1,245	110	110	987	2,208	4,550	...	
E	4*	20	52,879	11,840	211	64,939	23,753	1,862	101	817	1,880	73	73	1,491	930	4,380	...	
F	11	20	98,119	65,053	25,463	188,635	33,566	4,411	309	2,217	2,235	165	165	2,124	3,074	7,598	...	
FA	2	20	10,649	7,187	1,279	28,715	5,984	694	35	347	988	26	26	344	417	1,775	...	
H	6	6	35,292	24,159	1	59,452	58,723	4,407	122	1,602	6,022	172	172	3,340	1,988	12,122	...	
J	8	20	201,025	25,392	73	226,490	61,188	5,799	319	2,271	3,326	204	204	3,895	2,683	10,168	...	
K	2	25	6,770	5,675	...	12,445	3,104	545	35	251	248	22	22	181	150	601	...	
L	1	20	18,479	12,919	4,442	35,840	6,341	849	56	485	455	35	35	318	581	1,389	...	
LA	2	25	20,541	10,395	512	31,448	7,176	976	64	521	1,177	39	39	406	498	1,021	...	
M	4	20	59,094	22,310	385	81,789	23,627	2,362	116	916	1,177	92	92	1,522	1,083	3,874	...	
N	6	25	150,283	11,495	...	161,778	46,265	3,488	155	1,257	2,596	129	129	2,773	1,469	6,967	...	
O	4	15	71,334	13,994	...	85,328	35,118	2,462	84	1,000	1,195	90	90	1,997	1,312	4,594	...	
R	9	20	133,701	44,155	15,014	192,870	51,148	4,598	219	2,042	3,158	170	170	2,995	2,797	9,120	...	
S	4	20	69,173	19,260	1,227	89,669	22,257	3,013	123	1,000	1,859	108	108	1,197	1,277	4,441	...	
W	1	15	17,089	10,204	59	27,352	11,470	776	25	251	870	30	30	645	485	2,030	...	
WA	6	20	108,004	22,733	2,497	133,834	41,540	4,023	168	1,415	1,811	143	143	2,830	1,591	6,375	...	
WB	8	20	183,625	44,872	1,809	230,396	82,970	8,048	272	2,514	1,554	291	291	5,246	2,930	10,021	...	
WD	12	20	178,410	39,976	1,559	219,945	80,408	9,198	325	2,661	1,059	357	357	4,668	3,010	9,094	...	
Total	102	...	1,445,600	488,761	82,845	2,017,296	619,600	61,074	2,797	23,667	33,036	2,291	2,291	37,352	29,200	101,879	...	
		Less recoverable, mileage and expenditure				27,674												...
		General charges				55,171												...
		Total				1,989,622												...
						14,171												...
						100,168												...
						1,711												...
						3,48												...
						12,12												...
						19,260												...
						8,00												...
						785												...
						999												...
						16,19												...
						972												...
						306												...
						1,192												...
						1,649												...
						10,71												...
						132												...
						409												...
						381												...
						697												...
						869												...
						718												...
						1,780												...
						808												...
						251												...
						1,151												...
						1,991												...
						1,921												...
						9,92												...
						3,48												...
						12,12												...
						19,260												...

* Written off 9th December, 1899.
 † Includes cost of fitting "H" engines with nickel steel cranks and axles.

RETURN NO. 28—continued.
LOCOMOTIVE RETURNS for the Year ending 31st March, 1902—continued.

Type.	No. of Engines.	Average Speed—Miles per Hour.	Engine-Mileage.			Quantity of Stores.						Cost.						Days in Steam.						
			Detail.			Running.			Repairs.	Running.			Repairs.	Running.			Total.							
			Train.	Shunting.	Ballast.	Coal.	Oil.	Tallow.		Waste.	Wages and Material.	Stores.		Fuel.	Wages.	Wages and Material.			Stores.	Fuel.	Wages.			
									Total.				Qt.				lb.					lb.	£	£
WESTPORT SECTION.																								
C	2	12	240	32,984	1,119	34,343	Cwt.	833	55	341	764	£	27	145	£	685	£	1,621	5'34	'19	1'01	4'79	11'33	359
F	3	15	29,543	15,165	6,739	51,447	12,171	1,069	107	657	348	40	261	40	261	883	1,532	1'02	1'22	'19	1'22	4'12	7'15	586
FB	2	15	21,752	8,514	...	30,266	10,297	682	116	660	319	32	226	32	226	537	1,114	2'53	'25	1'79	4'26	8'83	378	
WB	2	20	22,840	9,949	...	32,789	14,540	1,002	137	877	230	42	313	42	313	639	1,224	1'68	'31	2'29	4'68	8'96	412	
Total	9	...	74,375	66,612	7,858	148,845	41,505	3,586	415	2,535	1,661	141	945	141	945	2,744	5,491	2'68	'23	1'52	4'42	8'85	1,735	
General charges	1,260	2'04
Total	6,751	10'89
NELSON SECTION.																								
D	2	20	10,301	2,043	1,956	14,300	3,215	16	142	114	13	196	13	196	303	626	1'91	'22	3'20	5'09	10'51	211		
F	2	20	36,721	5,603	204	42,528	8,610	74	393	458	37	498	37	498	752	1,745	2'59	'21	2'81	4'24	9'85	484		
Total	4	...	47,022	7,646	2,160	56,828	11,825	90	525	572	50	694	50	694	1,055	2,371	2'42	'21	2'93	4'45	10'01	695		
PICTON SECTION.																								
C	1	15	1,307	1,188	7,211	9,706	2,332	600	16	90	163	9	138	9	138	276	586	4'03	'22	3'41	5'09	6'83	159	
D	1	15	2,560	1,740	6,940	11,240	2,660	641	15	92	72	10	158	10	158	312	552	1'54	'21	3'38	6'66	11'79	178	
G	2	15	28,171	9,331	2,586	40,088	7,081	2,310	46	293	216	34	442	34	442	706	1,398	1'29	'20	2'65	4'23	8'37	330	
Total	4	...	32,038	12,259	16,737	61,034	12,073	3,551	77	475	451	53	738	53	738	1,294	2,536	1'77	'21	2'90	5'09	9'97	667	
Less recoverable, mileage and expenditure	15,830	15,830	1,006	1'85
General charges	...	...	...	...	907	45,204	...	...	...	...	...	...	...	...	...	...	1,530	...	...	...	...	8'12	...
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,782	...	...	...	...	9'46	...

RETURN No. 29.

HURUNUI-BLUFF SECTION.

RETURN of COAL TRAFFIC from LOCAL MINES during the Year ending 31st March, 1902.

Mine.	1901-2.	1900-1.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.
Hartley, Whitecliffs	...	48	...	48
Austin Brothers, Sheffield	...	450	...	450
Springfield Coal Company, Springfield	438	252	186	...
Clandesley, Springfield	9	...	9	...
Brockley, Glentunnel	58	...	58	...
St. Helen's, Whitecliffs	1,261	1,997	...	736
Deans, J., Glentunnel	4,124	5,398	...	1,274
Harris Brothers, Mount Somers	3,578	2,235	1,343	...
Albury	455	311	144	...
Waimate	98	16	82	...
Kurow	20	4	16	...
Gibson's	63	...	63	...
Ngapara	53	187	...	134
Shag Point	7,777	19,266	...	11,489
Allandale Coal Company	19,197	15,377	3,820	...
Walton Park	10,664	10,334	330	...
Saddle Hill	14,580	12,124	2,456	...
Fernhill	2,794	3,330	...	536
Freeman's	8,094	8,434	...	340
Mosgiel	6,931	6,838	93	...
Lovell's Flat	...	26	...	26
Burnweil Mine, Lovell's Flat	14,764	7,940	6,824	...
Nelson's, Benhar	760	573	187	...
Kaitangata	104,432	111,918	...	7,486
Milton	6,084	219	5,865	...
Anderson's, Stirling	81	92	...	11
Conical Hills	3,026	2,818	208	...
O'Hagan, C., Pukerau	313	412	...	99
Orchard, E. C., Pukerau	60	...	60	...
Smith, J., Gore	262	383	...	121
McGibbon and Sons, Gore	10	...	10	...
Sleeman, C. P., Maitaura	5,048	2,768	2,280	...
Beattie, J., Maitaura	1,677	817	860	...
Brown's, Maitaura	834	1,001	...	167
Reed, W., Nightcaps	308	1,552	...	1,244
Nightcaps Coal Company, Nightcaps	31,197	26,207	4,990	...
Quested, J., Nightcaps	4	5	...	1
Tinker and Aley, Nightcaps	17	...	17	...
Kelly, Nightcaps	65	...	65	...
Beadle, Nightcaps	507	...	507	...
Smith A., Kingston Crossing	26	18	8	...
New Zealand Coal and Oil Syndicate, Orepuke	310	1,581	...	1,271
Totals	249,979	244,931	30,481	25,433

RETURN No. 30.

HURUNUI-BLUFF SECTION.

RETURN of the NUMBER of VESSELS DISCHARGED and LOADED at the Ports of Lyttelton, Timaru, Oamaru, Port Chalmers, Dunedin, and Bluff, for the Year ending 31st March, 1902.

Port.	1901-2.	1900-1.	Increase.	Decrease.
	No.	No.	No.	No.
DISCHARGED :—				
Lyttelton	1,616	1,598	18	...
Timaru	290	265	25	...
Oamaru	160	139	21	...
Port Chalmers	93	125	...	32
Dunedin	65	73	...	8
Bluff	248	201	47	...
Totals	2,472	2,401	111	40
LOADED :—				
Lyttelton	1,746	1,693	53	...
Timaru	292	262	30	...
Oamaru	135	127	8	...
Port Chalmers	114	133	...	19
Dunedin	2	1	1	...
Bluff	245	202	43	...
Totals	2,534	2,418	135	19

RETURN No. 31.

HURUNUI-BLUFF SECTION.

SHOWING MILEAGE of TRACK in MAIN LINE and SIDINGS OPEN for TRAFFIC on 31st March, 1902,
on the HURUNUI-BLUFF RAILWAY and BRANCHES.

Line of Railway.	Main Line.		Branches.	Total Railway.	Sidings.			Total Equivalent of Single Track.
	Single.	Double.			Main Line.	Branches.	Total.	
CHRISTCHURCH DIVISION:—	M. ch.	M. ch.	M. ch.	M. ch.	M. ch.	M. ch.	M. ch.	M. ch.
Main Line	211 57	6 28	...	218 5	71 28	...	71 28	289 33
Rangiora-Sheffield and Eyre- ton Junction-Bennett's	...	...	53 56	} 247 42	}	4 40	} 24 50	58 16
Southbridge and Little River Branches	...	...	48 7			5 42		53 49
Springfield and Whitecliffs Branches	...	...	47 4			5 0		52 4
Rakaia and Ashburton Forks Branch	...	...	22 20			2 65		25 5
Mount Somers Branch ... ..	...	...	27 35			1 70		29 25
Albury Branch ... ..	...	...	36 13			2 57		38 70
Waimate Branch ... ..	...	...	12 67			2 16		15 3
Totals, Christchurch Division	211 57	6 28	247 42	465 47	71 28	24 50	95 78	561 45
DUNEDIN DIVISION:—								
Main Line	165 40	...	...	165 40	53 49	...	53 49	219 9
Dunroon Branch ... ..	...	...	37 41	} 230 15	}	2 72	} 21 41	40 33
Oamaru-Breakwater Branch	...	...	0 63			0 25		1 8
Ngapara & Livingstone Branches	...	...	27 4			2 5		29 9
Shag Point Branch ... ..	...	...	2 10			0 14		2 24
Waibemo Branch ... ..	...	...	8 65			0 63		9 48
Port Chalmers Branch ... ..	...	...	1 26			3 65		5 11
Walton Park Branch ... ..	...	...	2 49			0 52		3 21
Fernhill Branch ... ..	...	...	1 57			0 23		2 0
Otago Central Railway ... ..	...	...	97 72			6 13		104 5
Outram Branch ... ..	...	...	9 0			0 65		9 65
Lawrence Branch ... ..	...	...	22 1	1 67	23 68			
Catlin's River Branch ... ..	...	...	19 27	1 57	21 4			
Totals, Dunedin Division ...	165 40	...	230 15	395 55	53 49	21 41	75 10	470 65
INVERCARGILL DIVISION:—								
Main Line	82 41	...	...	82 41	19 53	...	19 53	102 14
Tapanui Branch ... ..	...	...	20 4	} 262 9	}	2 4	} 25 50	22 8
Waimea Plains Branch ... ..	...	...	36 41			2 62		39 23
Wyndham Branch ... ..	...	...	9 35			0 45		10 0
Seaward Bush Branch ... ..	...	...	25 39			2 0		27 39
Kingston Branch ... ..	...	...	87 0			8 18		95 18
Makarewa-Orepuki Branch ...	...	...	35 52			5 5		40 57
Thornbury-Wairio and Wairio- Nightcaps Branches	...	...	24 51			2 76		27 47
Forest Hill Railway ... ..	...	...	12 66			0 77		13 63
Lumsden-Mararoa Branch ... ..	...	...	10 41			1 3		11 44
Totals, Invercargill Division	82 41	...	262 9			344 50		19 53	25 50	45 23	389 73
Grand Totals—Whole Line	459 58	6 28	739 66	1,205 72	144 50	71 61	216 31	1,422 23

RETURN No. 32.

STATEMENT of ALTERATIONS effected in and ADDITIONS to SCALE of CHARGES during the Year ended 31st March, 1902.

PART I.—PASSENGERS.

LOCAL FARES AND REGULATIONS.

Wellington-Napier-New Plymouth Section.

The addition of five miles for Rimutaka Incline abolished.

PART II.—LUGGAGE, PARCELS, HORSES, ETC.

Wellington-Napier-New Plymouth Section.

The addition of five miles for Rimutaka Incline abolished.

PART IV.—GOODS: LOCAL RATES.

Wellington-Napier-New Plymouth Section.

The addition of five miles for Rimutaka Incline abolished.

Hurunui-Bluff Section.

The additional charge of 4½d. per ton on coal carried on Fernhill branch line abolished.

PART V.—CLASSIFICATION OF GOODS, LIVE STOCK, PARCELS, AND LUGGAGE.

	Class.
<i>Removed</i> : Acid, sulphuric, New Zealand manufacture, packed. Owners' risk. Dangerous ...	A
Acid, sulphuric, New Zealand manufacture, not otherwise specified, packed. Owners' risk. Dangerous ...	A
Acid, sulphuric, New Zealand manufacture (in 4-ton lots). Owners' risk. Dangerous ...	D
Ammonia, anhydrous, New Zealand manufacture, in iron drums or steel cylinders. Owners' risk. Dangerous ...	B
Ammonia, sulphate of, New Zealand manufacture, in bags for manure. Owners' risk ...	E
Benzine, New Zealand manufacture (in 4-ton lots). Owners' risk. Dangerous. Rate and a half...	A
Benzine, New Zealand manufacture (in 4-ton lots). Owners' risk. Dangerous ...	A
<i>Removed</i> : Kerosene. Owners' risk ...	A
Kerosene, not otherwise specified. Owners' risk ...	A
Kerosene, New Zealand manufacture, not otherwise specified. Owners' risk ...	B
Kerosene, New Zealand manufacture (in 4-ton lots). Owners' risk ...	C
<i>Removed</i> : Naphtha and naphthaline. Rate and a half. Owners' risk. Dangerous ...	A
Naphtha and naphthaline, not otherwise specified. Rate and a half. Owners' risk. Dangerous ...	A
Naphtha, New Zealand manufacture (in 4-ton lots). Owners' risk. Dangerous ...	A
<i>Removed</i> : Oil, shale (in 2-ton lots). Owners' risk ...	D
Oil, shale, not otherwise specified (in 2-ton lots). Owners' risk ...	D
Oil, shale and lubricating, New Zealand manufacture (in 4-ton lots). Owners' risk. Half rate ...	B
Paraffine wax, in bags, New Zealand manufacture (in 2-ton lots) ...	B
Soda, caustic, packed (in 2-ton lots). Owners' risk ...	D
<i>Removed</i> : Tar ...	D
Tar, not otherwise specified ...	D
Tar, New Zealand manufacture (in 4-ton lots). Half rate ...	B

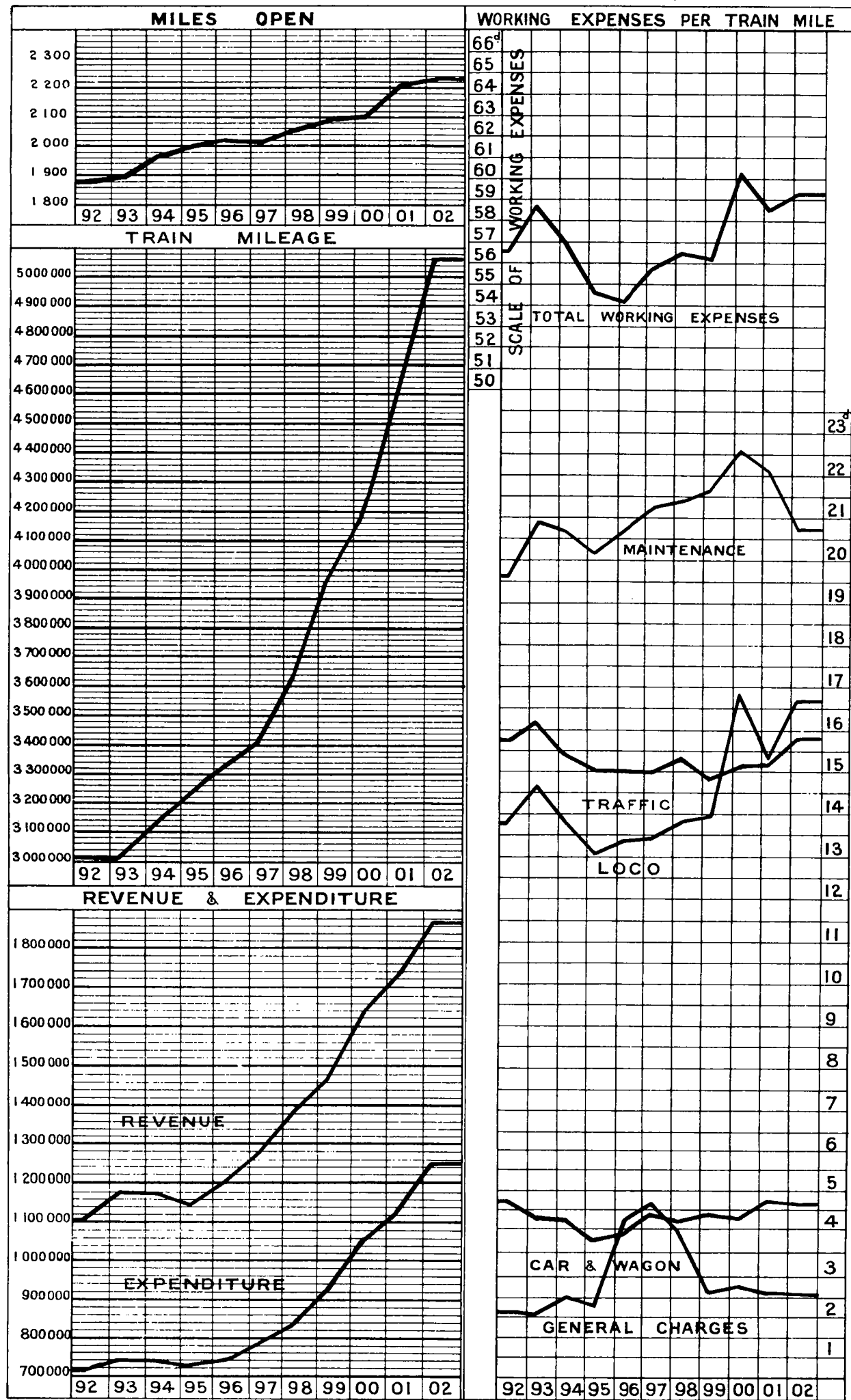
PART VI.—WHARVES.

Westport Wharf.

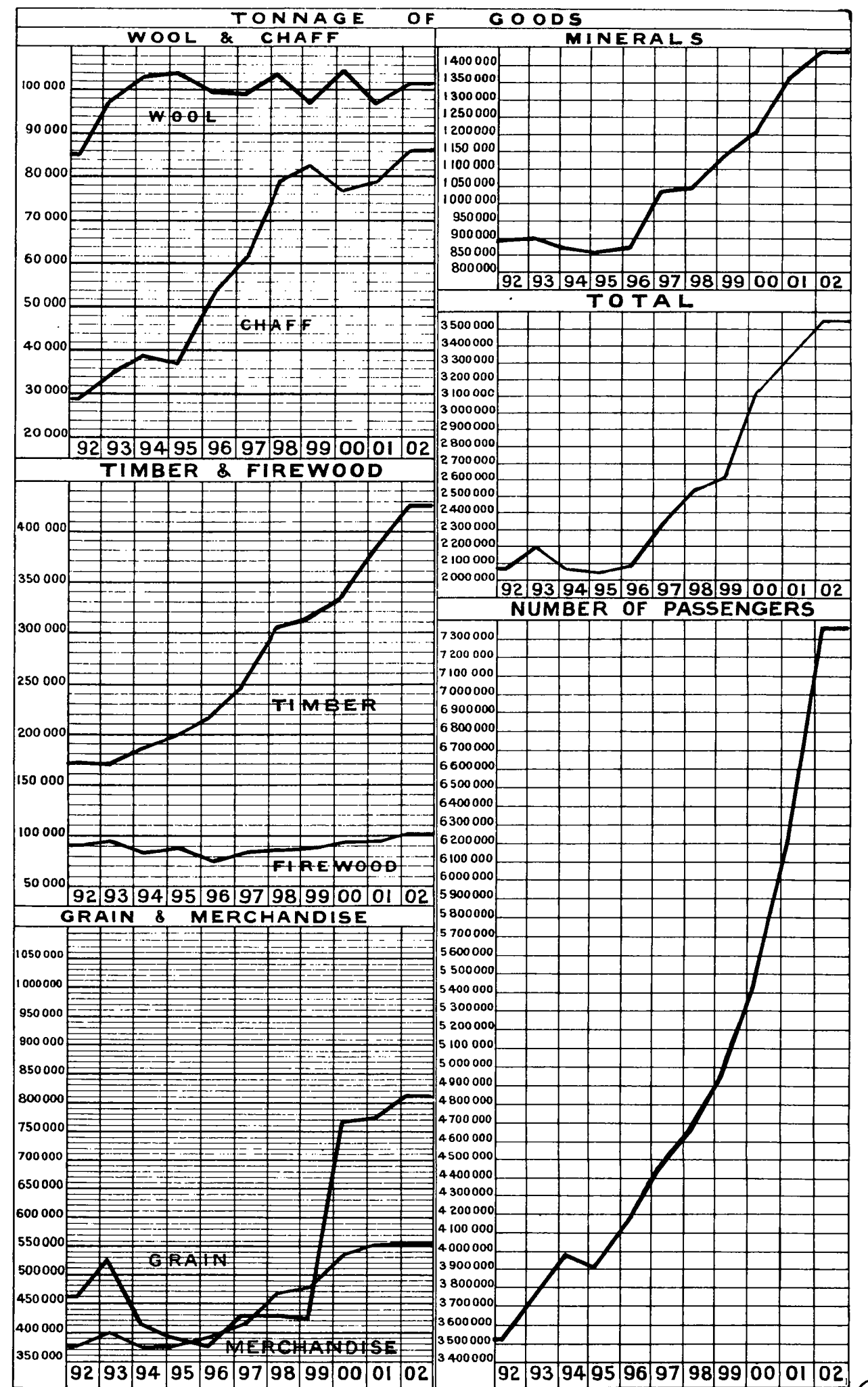
Charge of 1s. per ton on coal landed ex ship inserted.

By Authority: JOHN MACKAY, Government Printer, Wellington.—1902.

NEW ZEALAND GOVERNMENT RAILWAYS



NEW ZEALAND GOVERNMENT RAILWAYS



MAP OF NEW ZEALAND

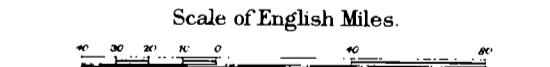
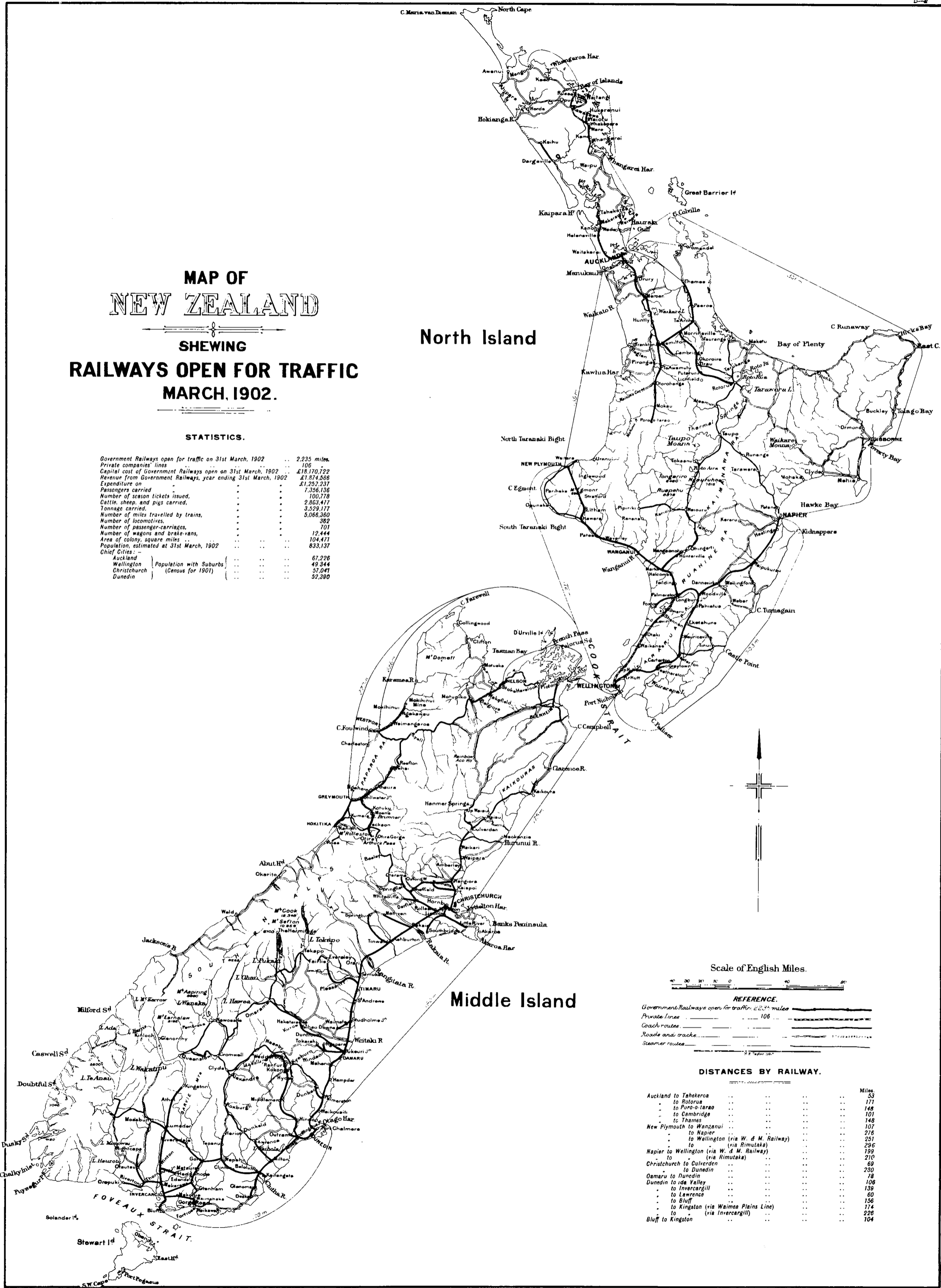
SHEWING RAILWAYS OPEN FOR TRAFFIC MARCH, 1902.

STATISTICS.

Government Railways open for traffic on 31st March, 1902	2,235 miles.
Private companies' lines	106
Capital cost of Government Railways open on 31st March, 1902	£18,170,722
Revenue from Government Railways, year ending 31st March, 1902	£1,874,588
Expenditure on	£1,252,237
Passengers carried	7,356,136
Number of season tickets issued	100,378
Cattle, sheep, and pigs carried	2,863,417
Tonnage carried	3,529,177
Number of miles travelled by trains	5,066,360
Number of locomotives	382
Number of passenger-carriages	701
Number of wagons and brake-vans	12,444
Area of colony, square miles	104,471
Population, estimated at 31st March, 1902	833,137
Chief Cities:—	
Auckland	67,226
Wellington	49,344
Christchurch	57,041
Dunedin	52,380
Population with Suburbs (Census for 1901)	
Auckland	67,226
Wellington	49,344
Christchurch	57,041
Dunedin	52,380

North Island

Middle Island



REFERENCE.

Government Railways open for traffic, 22.3.1902	—
Private lines	—
Coach routes	—
Roads and tracks	—
Steamer routes	—

DISTANCES BY RAILWAY.

Route	Miles
Auckland to Tahereka	53
to Rotorua	171
to Poro-o-Tarao	148
to Cambridge	101
to Thames	148
New Plymouth to Wanganui	107
to Napier	276
to Wellington (via W. & M. Railway)	251
to Wellington (via Rimutaka)	295
Napier to Wellington (via W. & M. Railway)	199
to Wellington (via Rimutaka)	210
Christchurch to Culverden	69
to Dunedin	230
Oamaru to Dunedin	78
Dunedin to Ida Valley	108
to Invercargill	138
to Lawrence	66
to Bluff	156
to Kingston (via Waimea Plains Line)	174
to Kingston (via Invercargill)	226
Bluff to Kingston	104

