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Canadian National Railways

ANNUAL BEPORT 1946

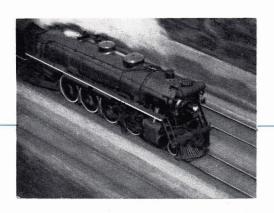


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Canadian National Railway System



ANNUAL REPORT

1946

FOR THE YEAR ENDED 31st. DECEMBER

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 $Speed,\ power\ and\ attractive\ design\ are\ characteristics\ of\ main\ line\ passenger\ train\ locomotives$ of the Canadian National Railways.



BOARD OF DIRECTORS

R. C. VAUGHAN, C.M.G., Chairman, Montreal.
WILFRID GAGNON, C.B.E., Montreal.

J. A. NORTHEY, Toronto.

H. J. SYMINGTON, C.M.G., K.C., Montreal.

E. J. YOUNG, Dummer, Sask.

B. L. DALY, Montreal.

R. B. BRENAN, Saint John, N.B.

GENERAL OFFICERS

	t .	
PRESIDENT. Vice-President and Executive Assistant. Assistant to President.	M. A. METCALF, C.B.E	MONTREAL
SECRETARY	W. H. HOBBS	MONTREAL
OPERATION AND CONSTRUCTION DEPARTMENTS		
EXECUTIVE VICE-PRESIDENT VICE-PRESIDENT, WESTERN REGION. GENERAL MANAGER, WESTERN REGION. VICE-PRESIDENT AND GENERAL MANAGER, CENTRAL REGION. VICE-PRESIDENT AND GENERAL MANAGER, ATLANTIC REGION VICE-PRESIDENT AND GENERAL MANAGER, GRAND TRUNK WESTERN RAILROGENERAL MANAGER, CENTRAL VERMONT RAILWAY. CHIEF ENGINEER, OPERATION. CHIEF OF MOTIVE POWER AND CAR EQUIPMENT. CHIEF OF TRANSPORTATION.	W. R. DEVENISH W. C. OWENS J. F. PRINGLE J. P. JOHNSON AD. C. A. SKOG J. A. ROGERS B. WHEELWRIGHT E. R. BATTLEY	WINNIPEG WINNIPEG TORONTO MONCTON DETROIT .ST. ALBANS MONTREAL MONTREAL
ACCOUNTING DEPARTMENT VICE-PRESIDENT AND COMPTROLLER	T. H. COOPER	MONTREAL
FINANCIAL DEPARTMENT VICE-PRESIDENT AND TREASURER	C. D. COWIE	MONTREAL
TRAFFIC DEPARTMENT		
Vice-President General Freight Traffic Manager General Passenger Traffic Manager	*JOHN PULLEN	MONTREAL
LAW DEPARTMENT GENERAL COUNSEL	N. J. MACMILLAN	MONTREAL
PURCHASING AND STORES DEPARTMENTS		
Vice-President. General Purchasing Agent. Manager of Stores.	E. A. BROMLEY	MONTREAL
RESEARCH AND DEVELOPMENT DEPARTMENT		
VICE-PRESIDENT. CHIEF OF RESEARCH. CHIEF OF DEVELOPMENT.	J. E. GIBAULT	MONTREAL
PUBLIC RELATIONS, PUBLICITY, ADVERTISING DIRECTOR	W. S. THOMPSON, C.B.E	MONTREAL
EXPRESS DEPARTMENT GENERAL MANAGER	G. E. BELLEROSE	MONTREAL
SLEEPING AND DINING CAR DEPARTMENT Manager	W. W. SWINDEN	MONTREAL
INVESTIGATION DEPARTMENT DIRECTOR	G. A. SHEA, O.B.E	MONTREAL
REAL ESTATE DEPARTMENT Manager	L. C. GROOM	MONTREAL
COLONIZATION AND AGRICULTURE DEPARTMENT DIRECTOR.	J. S. McGOWAN	MONTREAL
DEPARTMENT OF LABOUR RELATIONS DIRECTOR	R. C. JOHNSTON	MONTREAL
HOTEL DEPARTMENT GENERAL MANAGER	R. SOMMERVILLE	OTTAWA
CANADIAN NATIONAL TELEGRAPHS GENERAL MANAGER	W. M. ARMSTRONG	TORONTO
MEDICAL DEPARTMENT CHIEF MEDICAL OFFICER		
EUROPEAN MANAGER	†J. B. THOM	LONDON
EUROPEAN SECRETARY AND TREASURER		
*Succeeded G. R. Fairhead who retired on pension March 6, 1947		
†Succeeded P. A. Clews who retired on pension January 19, 1947		
Succeeded 1. 11. Clews who retired on pension January 19, 1941		



RESULT OF 1946 OPERATIONS

CONSOLIDATED INCOME ACCOUNT

	1946	1945
RAILWAY OPERATING REVENUES: Freight. Passenger Mail Express Commercial Telegraphs All other	\$300,313,198.90 50,128,223.16 4,275,981.70 19,579,478.94 7,353,600.20 18,935,542.99	\$316,533,328.90 65,199,923.28 4,204,835.42 19,209,446.01 7,554,813.82 21,071.046.13
Total Operating Revenues	\$400,586,025.89	\$433,773,393.56
Railway Operating Expenses: Maintenance of Way and Structures Maintenance and Depreciation of Equipment Traffic Transportation Miscellaneous Operations General	\$ 67,156,485.69 73,733,329.72 7,092,888.80 185,353,576.11 4,709,676.65 19,190,761.32	\$ 70,311,162.19 76,784,609.37 6,046,603.02 179,119,172.42 6,282,609.09 16,749,892.39
Total Operating Expenses	\$357,236,718.29	\$355,294,048.48
NET OPERATING REVENUE. Taxes. Equipment Rents—Net Debit. Joint Facility Rents—Net Debit.	\$ 43,349,307.60 7,122,247.83 4,145,828.24 522,284.33	\$ 78,479,345.08 6,476,981.25 3,567,783.92 556,641.66
NET RAILWAY OPERATING INCOME	\$ 31,558,947.20	\$ 67,877,938.25
Other Income: Income from Lease of Road and Equipment Miscellaneous Rent Income. Income from Non-transportation Property Results of Separately Operated Properties—Profit. Hotel Operating Income Dividend Income Interest Income Miscellaneous Income	\$ 59,505.15 930,662.24 615,265.13 337,968.71 1,102,082.63 530,446.55 3,672,202.10 235,440.99	\$ 58,960.79 930,962.20 643,859.61 346,186.51 1,235,850.94 543,514.50 3,463,027.50 298,490.98
Total Other Income	\$ 7,483,573.50	\$ 7,520,853.03
Deductions from Income: Rent for Leased Roads and Equipment. Miscellaneous Rents. Miscellaneous Taxes. Interest on Unfunded Debt. Amortization of Discount on Funded Debt. Miscellaneous Income Charges. Profit and Loss Items—Net Credit	\$ 975,745.93 547,925.15 124,656.72 491,096.99 537,376.48 1,130,154.79 483,962.28	\$ 1,109,929.74 652,343.81 121,027.01 387,514.73 1,183,920.48 1,104,234.99 244,452.22
Total Deductions from Income	\$ 3,322,993.78	\$ 4,314,518.54
NET INCOME AVAILABLE FOR PAYMENT OF INTEREST. Interest on Funded Debt—Public. Interest on Government Loans.	\$ 35,719,526.92 23,358,514.18 21,322,583.23	\$ 71,084,272.74 26,021,784.56 20,306,358.18
Deficit 1946—Surplus 1945	\$ 8,961,570.49	\$ 24,756,130.00



CANADIAN NATIONAL RAILWAYS

Montreal, March 15, 1947.

THE HONOURABLE LIONEL CHEVRIER, K.C., M.P.,

MINISTER OF TRANSPORT,

OTTAWA.

Sir:

In conformity with *The Canadian National-Canadian Pacific Act, 1936*, the Board of Directors submit the following report of the operations of the Canadian National Railways for the calendar year 1946.

The repatriation of Canada's armed forces has been completed and during the year large numbers of wives and dependents were also carried from dockside to various parts of the country. The change-over from a war economy to one of peace perplexed the world with urgent and serious problems, of which Canada had its share, and produced for the Canadian National System, as a vital public utility, a difficult year. Return to a normal flow of traffic was hampered by reconversion in industry, by strikes, and by shortages of rolling stock, conditions common to all railways in Canada and the United States.

Nevertheless, railway traffic moved in heavy volume and, measured in train miles, was only 3.8% below the traffic of 1945. In revenue earned, however, the decrease was 7.7%. The savings in operating costs from the reduction in traffic were far more than offset by increased rates of pay and increased prices for fuel and the materials used in railway operation and maintenance.

With revenues reduced and expenses increased, it was inevitable that the net income should be sharply decreased in 1946 as compared with the preceding year.

The following is a summary of the operating results. The full income statement appears on the opposite page.

Operating Revenues	1946 \$400,586,025.89 357,236,718.29	1945 \$433,773,393.56 355,294,048.48
Net Operating Revenue	\$ 43,349,307.60 11,790,360.40	\$ 78,479,345.08 10,601,406.83
Net Railway Operating Income. Other Income, less deductions—Credit.	\$ 31,558,947.20 4,160,579.72	\$ 67,877,938.25 3,206,334.49
Interest on Funded Debt—Public	\$ 23,358,514.18 21,322,583.23	\$ 26,021,784.56 20,306,358.18
<i>Deficit 1946</i> —Surplus 1945	\$ 8,961,570.49	\$ 24,756,130.00

RESULTS OF OPERATIONS

OPERATING REVENUES. There was a recession from the high levels reached during the war years, but nevertheless the gross receipts during 1946 totalled \$400,586,000. This is an indication of the tremendous transportation services furnished by the National Railway System during the reconversion period.

The 1946 revenues were 7.7% below those of the previous year. Traffic commenced to decline in August, 1945, and the reduction continued at an increasing pace until June, 1946, when it began to level off. In the last quarter of the year the downward trend was reversed and there was an increase of 3.7% as compared with the same period of 1945.



Passenger train service revenue (fares, mail, express, dining and sleeping cars, etc.) in 1946 was less by \$17,267,000, and revenue from the carriage of grain decreased \$14,726,000. The decreases in these two sources of revenue account, in the main, for the reduction in gross receipts.

The freight rate increases authorized by the Interstate Commerce Commission of the United States effective July 1, 1946, added \$4,290,000 to the gross revenues of the System.

Operating Expenses. In passenger service, passenger miles decreased 31.4% and revenues from fares 23.1%, while train miles decreased only 4.1%. Passengers per car mile decreased by 20%. These figures reflect a change in the type of traffic.

In freight service, although car loadings were greater by 2.6% than in 1945, revenue decreased 5.1% and tons hauled 1.2%. The average length of haul decreased 9.8%. The volume of grain moved was less by 27%. The decrease in the amount of grain handled and the change in the character of commodities hauled resulted in a lighter per car load of 7.9%, and net train load of 7.3%. This condition—more cars carrying lighter loads for shorter distances—was one of the factors which made it impossible to reduce costs in proportion to the reduction in revenues.

Wage increases added \$17,821,000 to operating costs. The cost of fuel and materials continued to rise, resulting in an estimated increase in operating costs of \$4,338,000 as compared with the previous year.

Commencing in 1942 and continuing through 1945, reserves were accumulated against a possible decline in inventory values and for repairs and renewals to road and equipment which had to be deferred due to shortages of labour and material. These reserves were built up to a total of \$46,524,000. During 1946, some progress was made in overtaking deferred maintenance and \$13,524,000 was taken from these reserves and credited to the expense accounts which had been charged in the first instance.

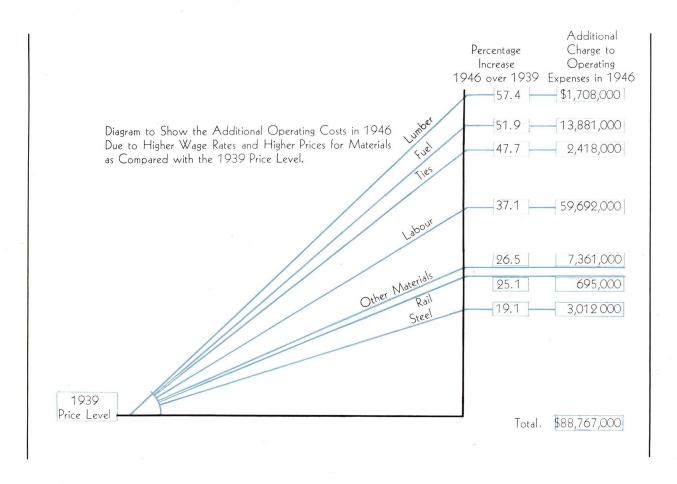
For depreciation on rolling stock the total charge to operating expenses was \$17,701,420 as compared with \$16,974,015 in the previous year. The rates remained the same, but the investment in rolling stock was greater.

The number of employees throughout the year averaged 105,353. The payrolls for the year totalled \$237,335,781.

The official cost of living index in Canada stood at 127.1% in December, 1946, against 103.8% in December, 1939, an increase of 22.45%. For the Railway the cost of living means the cost of labour and materials. Labour costs increased 37.1% between 1939 and 1946 and the cost of materials increased 35.9% during the same period. The additional operating costs in 1946 due to higher wage rates and material prices as compared with the 1939 price level amounted to \$88,767,000.

In previous reports the Directors have called attention to mounting operating costs. They pointed out that with freight rates and passenger fares frozen at their pre-war levels the Railway was dependent upon additional volume of traffic to produce satisfactory financial results and that in the event of any substantial decrease in traffic, not otherwise compensated for, a continuance of favourable financial results would not be possible. The developments in 1946 demonstrated the truth of that warning. The higher costs, which have been obscured by peak traffic conditions, became apparent as traffic volume diminished, and their impact has not yet been fully felt. The wage increases of June 1, 1946, will be in effect for the full year in 1947. It is estimated that material prices will be 10% higher. Thus operating costs will be some \$20 millions greater than in 1946. Confronted with these facts the Directors approved of the Canadian National Railways joining with other Canadian railways in making application, through the Railway Association of Canada, to the Board of Transport Commissioners for an increase in freight rates. This application is now being heard by the Board.





NET OPERATING REVENUE. After deducting operating expenses of \$357,236,718 from operating revenues of \$400,586,025, the net operating revenue was \$43,349,307. The corresponding amount in 1945 was \$78,479,345.

NET INCOME RESULT. After making provision for various charges consisting of taxes, equipment and joint facility rents, exchange and discount, also for various income credits such as dividends and interest income, the results of hotel and subsidiary company operations, etc., the net income available for the payment of interest was \$35,719,527, equal to a return of 1.78% on the total capitalization of the System. Interest payments due to the public and to the government totalled \$44,681,097. Thus, after providing for interest, there was an income deficit for the year of \$8,961,570, as compared with an income surplus of \$24,756,130 in 1945.

CAPITAL EXPENDITURES

The capital expenditure during the year amounted to \$16,309,797, details of which are given on page 18.

New equipment acquired included 16 diesel-electric locomotives and 856 box cars.

In September the lines of the Manitoba Railway Company, which had been under long-term lease, were purchased for the capital sum of \$7,000,000 resulting in an annual saving of \$106,000.

Surveys were completed for the new line of railway in Quebec from Barraute to Kiask Falls, which will permit of the development of the natural resources of the Bell River valley north of the National Transcontinental Railway. The contract has been awarded for the construction of 39 miles in 1947. The length of the line is approximately 55 miles.



Looking toward the development of the valuable building sites above the track area of the Company's Central Station in the centre of the business section of the city of Montreal, the Directors submitted to the government a proposal for the construction of an office building and an hotel on the south side of Dorchester Street, between Ste. Geneviève and Mansfield Streets, one wing of the office building to be devoted to the international aviation organizations now having their world headquarters in Montreal. The project was approved in principle and authority given for the immediate construction of the aviation wing and the essential service facilities common to the whole project. The aviation wing will contain the offices of the International Civil Aviation Organization and the International Air Transport Association and will include ticket offices, waiting rooms and baggage rooms for the various air line companies. The contract for the structural steel has been awarded and work will begin as soon as conditions permit.

FINANCE

The capital debt of the System was reduced during the year by \$15,193,307.43. Details are as under:

T 1 1	D 1.	D	
Funded	Debt	Retii	rements

NO. 21 TO 100 F		
$2\frac{1}{4}$ % 7-year Gtd. Bonds, matured Jan. 15, 1946	\$15,000,000.00	
6½% S.F. Deb. Bonds, matured July 1, 1946	23,752,000.00	
4% St. John & Quebec Ry. Debenture Stock	622,657.40	¥
Equipment Trusts—annual principal payments	3,150,000.00	
Various securities repatriated	232,342.59	
Reduction in Funded Debt		\$42,756,999.99

Loans to retire the first two bond issues referred to at par, Atlantic & St. Lawrence Railroad Stock and various securities repatriated at market value.....

Loan under Equipment Hire Purchase Agreement......

Reduction in debt during the year.....

New Government Loans

	4	
	\$41,059,027.31	
Government Loans Repaid		
Loans repaid out of 1945 surplus earnings	\$ 4,756,130.00	
Equipment Hire Purchase annual principal payments	6,193,793.46	
Payment under Financing and Guarantee Act 1945	2,545,411.29	
	\$13,495,334.75	\$27,563,692,56

\$38,713,077.75

2.345.949.56

\$15,193,307.43

Details of the funded debt and government loans and of the interest charges thereon are shown on pages 18 and 19.

GENERAL

The total number of shipments handled by Canadian National Express in 1946 was 18,937,707, an increase of 1,873,991 (10.98%) over 1945. Traffic handled and revenues earned were the largest in the history of the department. The greater proportion of the traffic was general merchandise.

Canadian National Telegraphs handled more telegrams and cablegrams than in any previous year, the total number exceeding twelve millions. The demand for leased telegraph, telephone and broadcasting circuits continued at a high level.

With a view to the expansion of commercial telegraph facilities, experimental work was advanced during the year on a radio relay system, Montreal-Ottawa-Toronto. These experiments are conducted by Canadian National Telegraphs in collaboration with Canadian Pacific Communications and the National Research Council. A radio link between Toronto and Hamilton will be included.

During the year, the Railway re-opened its traffic office in Hong Kong and established a new office in Calcutta.

Following a decision that the Company would undertake its own testing of materials, a well equipped chemical and physical laboratory has been established in Montreal.

Industry is making increasing demands upon the services of the Company's Department of Research and Development. Based on a broad experience in this field, on extensive source material and surveys on the ground, detailed economic studies are made by this department, ensuring a scientific and cooperative approach to the problems connected with the location and servicing of industrial plants.

The Department of Colonization and Agriculture is active in promoting the settlement of agricultural lands served by the Railway. During the year, 1,439 families and 690 single men were established on 253,742 acres of land and 4,922 persons were placed in agricultural, forestry and mining employment. The department brought a limited number of British immigrants into Canada and is in a position to deal with large-scale movements when it is called upon to do so.

An agreement was completed with the Canadian Pacific Railway for the abandonment of 12.2 miles of Canadian National line between Trelle Junction and Morinville, Alberta, and the joint use of 20.2 miles of the Northern Alberta Railways between N.A.R. Junction and Morinville. The appeal to the Governor-in-Council from the order of the Board of Transport Commissioners authorizing the abandonment of 64.7 miles of Canadian Pacific line between Forth (near Red Deer) and Ullin, Alberta, was dismissed and an agreement between the two railways is being negotiated.

The Interstate Commerce Commission authorized the abandonment of 49.08 miles of line of the Grand Trunk Western Railroad between Greenville and Muskegon, Michigan, and service was discontinued as of May 30, 1946.

The Directors desire to express appreciation of the excellent work done by the officers and employees throughout the System during a busy and difficult year.

Practically all the employees who served in the Armed Forces during the war have now been re-established in the Company's service and many war veterans not previously in the employ of the Company have been engaged.

For the Board of Directors,

Chairman and President.



CONSOLIDATED BALANCE SHEET

	SET	rs.			
Investments: Road and Equipment Property Improvements on Leased Property Miscellaneous Physical Property	\$1	,987,950,289.98 2,092,069.76 62,598,083.38	\$2	,052,640,443.12	
Capital and Other Reserve Funds: System Securities at par. Other Assets at cost.	\$	471,500.00 3,692,933.20		4,164,433.20	
Deferred Maintenance Fund				33,000,000.00 43,463,493.16	
System Securities at par Other Assets at cost	\$	80,000.00 916,563.50		996,563.50	\$2,134,264,932.98
Current Assets: Cash			\$	13,095,225.50 8,208,638.99 7,552,145.74 15,004,290.63	
Miscellaneous Accounts Receivable				8,628,666.58 8,961,570.49 53,887,477.48 656,996.79 3,118,033.12 162,850,31	119,275,895,63
Deferred Assets: Working Fund Advances			\$	359,681.10	110,210,000.00
Insurance Fund: System Securities at par. Other Assets at cost.	_	4,734,802.38 7,599,966.58		12,334,768.96	
Pension Contract Fund			1	35,943,000.00 2,771,910.19	51,409,360.25
Unadjusted Debits: Prepayments			\$	77,117.65 5,164,916.57	
Other Unadjusted Debits				2,209,785.56	7,451,819.78
					\$2,312,402,008.64

CERTIFICATE

We have examined the books and records of the companies comprising the and subject to our report to Parliament, we certify that, in our opinion, the above view of the affairs of the System as at the 31st. December, 1946, and that the correctly stated.

15th. March, 1947.



AT 31st. DECEMBER, 1946.

L	[A	Bl	[L]	[T	IES
			-		

STOCKS:		
Capital Stocks of Subsidiary Companies held by Public		\$ 4,635,440.00
Long Term Debt:		, -,,,,,,,,,
Funded Debt Unmatured:		
Held by Public	\$525,136,695.17	
Held in Special Funds	5,286,302.38	530,422,997.55
DOMINION OF CANADA (Accounts treated as assets in Public Accounts of Canada):		
Loans	\$701,765,305.39	
Canadian Government Railways—Working Capital	16,771,980.54	718,537,285.93
		, , , , , , , , , , , , , , , , , , , ,
CURRENT LIABILITIES:	e 0.000 477 FO	
Traffic and Car-Service Balances—Credit	\$ 8,938,477.50	
Audited Accounts and Wages Payable	16,543,035.69	
Miscellaneous Accounts Payable	6,018,149.62	
Interest Matured Unpaid	6,152,189.94	
Interest Payable to Dominion of Canada	19,261,876.25	
Unmatured Interest Accrued	6,097,254.28	
Accrued Accounts Payable	5,280,083.64 2,276,647.93	
Other Current Liabilities.	3,010,739.68	72 579 454 52
Other Current Liabilities	3,010,739.00	73,578,454.53
Deferred Liabilities:		
Pension Contract Reserve	\$ 35,943,000.00	
Other Deferred Liabilities	5,855,621.40	41,798,621.40
Reserves and Unadjusted Credits:		
Insurance Reserve	\$ 12,334,768.96	
Accrued Depreciation—Canadian Lines—Equipment only	85,786,241.90	
Accrued Depreciation—U.S. Lines—Road and Equipment	24,013,924.23	
Accrued Amortization of Defence Projects.	3,691,602.43	
Deferred Maintenance Reserve	33,000,000.00	
Other Reserves	946,924.10	
Other Unadjusted Credits	7,637,172.34	167,410,633.96
December 1 Francis (C. V.)		
Dominion of Canada—Proprietor's Equity—(See Note)		
Represented by:— 1,000,000 shares of no par value capital stock of Canadian National Railway		
Company	\$ 18,000,000.00	
5,000,000 shares of no par value capital stock of The Canadian National Railways		
Securities Trust	380,403,604.43	
Capital Expenditures by Dominion of Canada on Canadian Government Railways	377,614,970.84	776,018,575.27
Kanways		110,010,313.21
Contingent Liabilities:		
Major contingent liabilities, as shown on statement attached.		
major contingent natifices, as shown on statement attached.		
		\$2,312,402,008.64

NOTE:—The Proprietor's Equity is included in the net debt of Canada and is disclosed in the historical record of Government assistance to railways as shown in the Public Accounts of Canada in accordance with The Canadian National Railways Capital Revision Act, 1937.

T. H. COOPER, Vice-President and Comptroller

OF AUDITORS

Canadian National Railway System for the year ended the 31st. December, 1946, Consolidated Balance Sheet is properly drawn up so as to exhibit a true and correct relative Income Account for the year ended the 31st. December, 1946, is

GEORGE A. TOUCHE & CO., Chartered Accountants.



DOMINION OF CANADA—PROPRIETOR'S EQUITY ACCOUNT

	Balance at 31st. Dec., 1945		Transactions Year 1946	Balance at 31st. Dec., 1946
CAPITAL STOCK OF CANADIAN NATIONAL RAILWAY COMPANY	\$ 18,000,000.00	\$	-	\$ 18,000,000.00
CAPITAL STOCK OF THE CANADIAN NATIONAL RAILWAYS SECURITIES TRUST:				
Initial stated value	\$270,037,437.88	\$		\$270,037,437.88
Surplus earnings	112,502,061.64		_	112,502,061.64
Capital gains	19,105,651.38			19,105,651.38
Capital losses	19,933,594.12	*	1,307,952.35	21,241,546.47
	\$381,711,556.78	\$	1,307,952.35	\$380,403,604.43
CAPITAL EXPENDITURES BY DOMINION OF CANADA ON CANADIAN				
GOVERNMENT RAILWAYS	\$377,614,970.84	\$	_	\$377,614,970.84
	\$777,326,527.62	\$	1,307,952.35	\$776,018,575.27

^{*}Loss (applicable to period prior to 1940) on retirement of rolling stock equipment.

CAPITALIZATION OF CANADIAN NATIONAL RAILWAYS

6%
4%
-
0%
4

^{*}Excluding shares of subsidiary companies held by public—\$4,635,440.



OPERATING REVENUES

	1946	1945
Freight	\$296,403,320.83	\$313,013,450.06
Payments under Maritime Freight Rates Act (20%)	3,909,878.07	3,519,878.84
Passenger	50,128,223.16 182,522.20	65,199,923.28 159,084.91
Baggage	3,587,104.21	4,580,963.69
Parlor and Chair Car	284,444.29	271,537.54
Mail	4,275,981.70	4,204,835.42
Railway Express Agency	118,269.78	534,662.43
Express. Other Passenger-train	19,461,209.16 41,901.84	18,674,783.58 61,942.53
Milk.	504,275.89	469, 169.82
Switching	3,334,010.96	3,358,414.26
Water Transfers	242,268.32	183,272.66
Dining and Buffet	3,104,899.44 281,704.48	4,608,534.74 301,391.10
Restaurants	462,921.99	570,327.56
Parcel Room.	118,919.06	150,749.63
Storage—Freight	140,305.04	116,214.52
Storage—Baggage	77,644.73	117,651.20
Demurrage.	2,270,174.93 13,580.86	1,840,217.42 14,314.32
Telegraph Commissions (U.S.). Telegraph—Commercial.	7,340,019.34	7,540,499.50
Grain Elevator	205,476.07	513,618.04
Rents of Buildings and Other Property	868,635.14	898,493.41
Miscellaneous	2,524,982.72	2,165,022.58
Joint Facility—Credit	812,390.49 109,038.81	822,641.49 118,200.97
Joint I active Deom.	100,000.01	110,200.07
	\$400,586,025.89	\$433,773,393.56
OPERATING EXPENSES		
MAINTENANCE OF WAY AND STRUCTURES	1946	1945
Superintendence	\$ 4,467,817.94	\$ 3,944,226.92
Roadway Maintenance	8,761,886.50	8,705,847.73
Tunnels and Subways.	51,215.45	35,459.50
Bridges, Trestles, and Culverts.	2,859,062.67 6,168,103.68	2,715,192.03 7,599,421.14
Ties	2,825,137.53	3,183,715.56
Other Track Material	2,660,235.82	3,025,663.44
Ballast	1,721,467.58	1,803,873.16
Track Laying and Surfacing	18,381,101.75	18,150,434.30
Fences, Snowsheds, and Signs. Station and Office Buildings.	648,759.21 2,801,982.31	660,415.74 2,956,783.30
Roadway Buildings	362, 193.55	352.973.30
Water Stations.	563,851.22	517,550.95
Fuel Stations.	315,665.52	290,714.31
Shops and Enginehouses.	2,023,021.72 43,447.21	2,210,765.77 49,693.94
Grain Elevators. Wharves and Docks.	197,504.42	217,414.67
Telegraph and Telephone Lines	1,255,079.31	1,078,893.03
Telegraph—Commercial	1,475,967.63	1,389,630.12
Signals and Interlockers.	1,219,980.43 17,268.47	1,137,962.58 9,262.96
Power Plants Power Transmission Systems	185,378.39	170,753.66
Miscellaneous Structures.	2,490.45	3,193.01
Road Property—Depreciation—U.S. Lines.	903,079.96	853,390.97
Road Property—Retirements	1,860,910.12	1,231,167.29
Deferred Maintenance	642,934.84	2,500,000.00 594,557.02
Dismantling Retired Road Property.	248,973.14	81,071.66
Amortization of Defence Projects	2,147.41	2,284.68
Small Tools and Supplies	887,800.55	887,741.95
Removing Snow, Ice, and Sand	3,192,937.07 656,394.58	3,540,663.13 369,035.18
Public Improvements—Maintenance		661,012.09
Insurance	718,369,45	
	718,369.45 28,329.53	28,140.76
Stationery and Printing	28,329.53 79,530.04	28,140.76 70,819.65
Other Expenses	28,329.53 79,530.04 41,343.70	28,140.76 70,819.65 63,059.99
Other Expenses	28,329.53 79,530.04 41,343.70 909,722.71	28,140.76 70,819.65 63,059.99 1,015,097.95
Other Expenses	28,329.53 79,530.04 41,343.70	28,140.76 70,819.65 63,059.99
Other Expenses. Maintaining Joint Tracks, Yards, etc.—Debit Maintaining Joint Tracks, Yards, etc.—Credit	28,329.53 79,530.04 41,343.70 909,722.71 2,084,511.95	28,140.76 70,819.65 63,059.99 1,015,097.95 1,942,157.33



OPERATING EXPENSES (Continued)

MAINTENANCE OF EQUIPMENT	1946	1945
Superintendence Shop Machinery Power Plant Machinery Machinery—Retirements Machinery—Depreciation—U.S. Lines Dismantling retired machinery Steam Locomotives—Repairs Other Locomotives—Repairs Passenger-train Cars—Repairs Passenger-train Cars—Repairs Floating Equipment—Repairs Work Equipment—Repairs Express Equipment—Repairs Miscellaneous Equipment—Repairs Miscellaneous Equipment—Retirements Dismantling Retired Equipment Equipment—Depreciation Express Equipment—Depreciation Injuries to Persons Insurance Stationery and Printing Other Expenses Joint Maintenance of Equipment—Debit Joint Maintenance of Equipment—Credit Deferred Maintenance—Equipment Equipment Deferred Maintenance—Equipment Deferred Maintenance—Equipment	\$ 1,782,438.48 2,216,834.46 133,788.39 371,828.28 66,352.14 4,345.76 23,160,658.70 386,951.98 19,060,111.97 10,559,617.41 483,483.83 2,239,503.28 226,514.32 209,953.42 11,154.35 79,149.70 17,701,420.95 170,773.90 527,141.28 31,396.38 63,278.45 47,555.34 412,118.29 213,041.34 6,000,000.00	\$ 1,539,394.18 2,083,485.62 115,858.50 200,386.19 65,986.47 2,963.50 22,780,691.45 379,394.25 16,879,507.30 9,358,057.50 361,454.04 2,187,604.46 207,157.24 201,051.70 1,798.53 56,308.77 16,974,015.87 167,252.45 579,957.56 35,089.17 60,202.15 2,667.17 250,211.17 205,885.87 2,500,000.00
	\$ 73,733,329.72	\$ 76,784,609.37
TRAFFIC		
Superintendence Outside Agencies Advertising Traffic Associations Stationery and Printing Other Expenses Industrial Bureau Colonization, Agriculture and Natural Resources	\$ 2,394,625.68 3,139,627.52 729,962.98 124,634.02 329,271.27 138,375.29 236,392.04	\$ 2,145,109.43 2,853,589.00 341,215.04 121,328.18 267,094.28 225.00 115,414.99 202,627.10
	\$ 7,092,888.80	\$ 6,046,603.02
TRANSPORTATION	\$ 4,105,576.51	¢ 2 765 242 25
Superintendence . Dispatching Trains Station Employees. Weighing, Inspection, and Demurrage Bureaus Coal and Ore Wharves Station Supplies and Expenses Yardmasters and Yard Clerks Yard Conductors and Brakemen Yard Switch and Signal Tenders Yard Enginemen Yard Switching Fuel Yard Switching Fuel Yard Switching Power Produced Yard Switching Power Purchased Water for Yard Locomotives Lubricants for Yard Locomotives Cubricants for Yard Locomotives Enginehouse Expenses—Yard Yard Supplies and Expenses Operating Joint Yards and Terminals—Debit Operating Joint Yards and Terminals—Credit Train Enginemen Train Fuel Train Power Produced Train Power Purchased Water for Train Locomotives Lubricants for Train Locomotives	2,313,357.02 27,621,315.08 130,763.83 78,885.12 1,806,146.24 5,256,575.69 9,304,920.39 907,568.58 5,871,797.48 762,186.62 6,457,988.44 16,216.95 83,300.13 228,337.42 91,655.52 64,643.58 2,237,604.10 207,415.36 1,909,538.93 2,087,574.92 16,035,536.72 133,665.09 32,185,554.37 5,309.93 49,531.11 1,415,603.09 595,205.92 331,374.48	\$ 3,765,343,35 2,271,473.15 25,073,729.27 101,453.06 15,236.45 1,830,272.84 4,912,250.62 8,518,726.18 854,640.08 5,364,395.97 666,539.83 6,661,625.37 16,203.75 95,393.59 215,453.80 79,906.67 58,692.35 2,101,901.21 202,198.84 1,828,166.68 2,031,612.59 15,501,769.73 121,351.22 35,698,139.57 7,038.71 43,019.07 1,363.258.83 582,271.77 326,289.07
Carried Forward	\$118,119,998.78	\$116,245,128.44



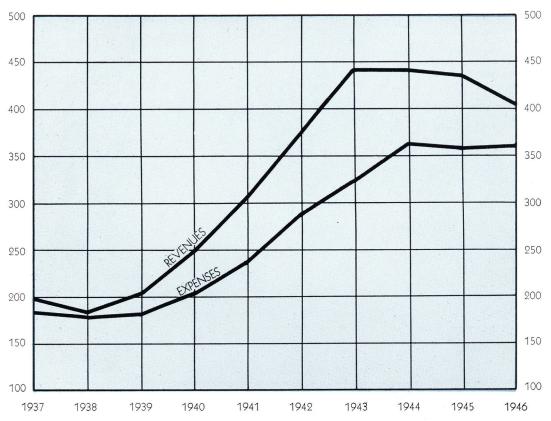
OPERATING EXPENSES (Continued)

TRANSPORTATION (Continued)	1946	1945
Brought Forward Enginehouse Expenses—Train Trainmen Train Supplies and Expenses Operating Sleeping Cars. Signal and Interlocker Operation Crossing Protection. Drawbridge Operation Telegraph and Telephone Operation Telegraph—Commercial. Operating Floating Equipment Express. Stationery and Printing. Other Expenses Operating Joint Tracks and Facilities—Debit Operating Joint Tracks and Facilities—Credit Insurance. Clearing Wrecks Damage to Property Damage to Property Damage to Live Stock on Right-of-Way Loss and Damage—Freight Loss and Damage—Baggage Injuries to Persons.	\$118, 119, 998, 78 6, 379, 506, 62 18, 710, 228, 33 11, 445, 162, 14 2, 150, 487, 70 650, 174, 62 979, 709, 04 166, 447, 98 464, 575, 98 5, 798, 271, 25 1, 265, 123, 95 11, 117, 190, 76 795, 388, 85 1, 505, 911, 48 1, 102, 710, 56 494, 378, 63 21, 676, 65 496, 239, 06 99, 436, 65 76, 434, 34 2, 318, 846, 70 16, 416, 69 2, 168, 016, 61 \$185, 353, 576, 11	\$116, 245, 128, 44 6,031, 058, 67 17,902, 623, 65 11, 108, 584, 78 2, 157, 966, 96 564, 925, 05 846, 625, 97 131, 636, 51 434, 880, 56 5, 418, 338, 96 1, 231, 744, 64 9, 905, 469, 86 761, 103, 05 1, 307, 751, 13 880, 785, 07 421, 589, 49 16, 976, 80 500, 501, 25 78, 515, 34 77, 005, 86 2, 050, 234, 82 15, 744, 26 1, 873, 160, 28
MISCELLANEOUS Dining and Buffet Service. Restaurants. Grain Elevators. Other Miscellaneous Operations.	\$ 4,193,154.21 280,544.06 195,697.54 40,280.84 \$ 4,709,676.65	\$ 5,615,717.45 278,591.80 351,532.81 36,767.03 \$ 6,282,609.09
GENERAL	Ф F00 C10 CC	e 400 co1 co
Salaries and Expenses of General Officers Salaries and Expenses of Clerks and Attendants General Office Supplies and Expenses Law Expenses Relief Department Expenses Pensions Stationery and Printing Valuation Expenses Other Expenses General Joint Facilities—Debit General Joint Facilities—Credit	\$ 539,613.28 6,904,342.48 354,481.91 429,900.22 27,500.00 10,446,942.09 280,250.94 15,075.89 148,898.15 55,756.14 11,999.78 \$ 19,190,761.32	\$ 493,631.92 6,197,145.02 308,283.54 393,064.75 27,500.00 8,864,923.03 247,722.64 15,987.70 165,347.34 47,948.29 11,661.84 \$ 16,749,892.39



OPERATING REVENUES AND EXPENSES

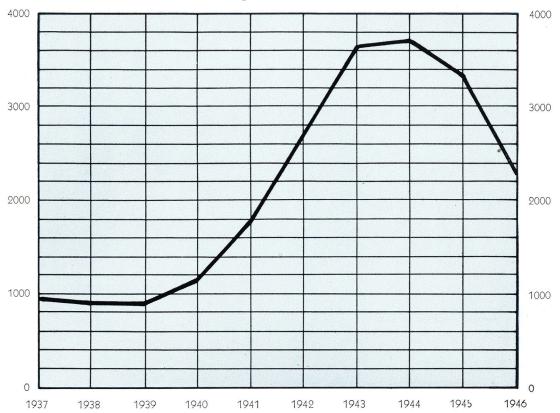
Millions of Dollars:—Years 1937 to 1946, inclusive.



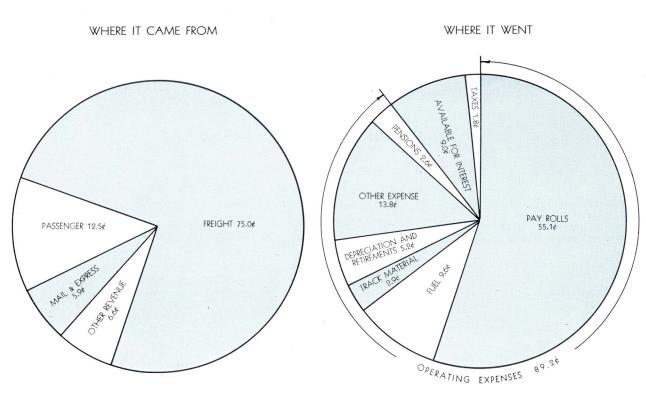
REVENUE TON MILES
Billions of Revenue Ton Miles:—Years 1937 to 1946, inclusive.



REVENUE PASSENGER MILES
Millions of Revenue Passenger Miles:—Years 1937 to 1946, inclusive.



THE CANADIAN NATIONAL DOLLAR





PROPERTY INVESTMENT ACCOUNT

Expenditures Year 1946

Road:	
New Lines Constructed \$ 23,645.15 New Lines Acquired 7,000,000.00 Abandoned Lines 788,321.20 Rails and Fastenings 542,882.92 Tie Plates and Rail Anchors 848,592.03 Ballast 491,232.85 Widening Cuts and Fills, etc 210,548.03 Large Passenger Terminals 108,340.00 Yard Tracks and Sidings 432,647.67 Roadway Machines 170,722.22 Bridges, Trestles and Culverts 541,053.78 Stations and Station Facilities 550,312.93 Shops, Enginehouses and Machinery 1,314,920.09 Automatic Signals and Interlocking Plants 128,507.69 Telegraphs—Railway 157,656.40 Telegraphs—Commercial 753,570.13 Land 864,436.91 General 90,188.42	,712,062.20
EQUIPMENT: \$5,909,373.89 Equipment Purchased or Built \$1,607,382.21 Equipment Retirements 1,607,382.21 General Betterments to Equipment 877,606.40 Equipment Conversions 191,204.07 Express and Miscellaneous Equipment 105,093.52 5	,093,487 53
Hotels	46,912.26
Separately Operated Properties.	542,664.55
NET ADDITIONS AND BETTERMENTS DURING 1946. \$16	,309,797.44
Ledger Balance 1st. January, 1946	
Net Additions and Betterments during the year \$16,309,797.44	
Equipment retirements—proportion of ledger value charged to Proprietor's Equity	
Ledger Balance at 31st. December, 1946	

DOMINION OF CANADA—LOANS

	Principal	Interest	Average
	Outstanding	Accrued	Interest
	at Dec. 31, 1946	1946	Rate
Loans for repatriation of U.K. securities. Loans for debt redemption. Loans for new rolling stock. Loans for working capital.	\$391,390,473.11	\$13,693,940.90	3.50%
	226,464,594.21	5,001,669.12	2.30%
	70,003,238.36	2,140,228.23	2.89%
	13,906,999.71	486,744.98	3.50%
	\$701,765,305.39	\$21,322,583.23	3.05%



FUNDED DEBT—PRINCIPAL AND INTEREST

NAME OF SECURITY	Issuing Company	Date of Issue	Date of Maturity	Principal Outstanding at Dec. 31, 1946	Interest Accrued 1946
GUARANTEED BY DOMINION OF CANADA:					
5% Perpetual Debenture Stock 5% G.W. Perp. Debtr. Stock and Bonde 4% Perpetual Debenture Stock 4% Nor. Rly. Perpetual Debtr. Stock . 3% 1st. Mortgage Bonds 3% 1st. Mortgage Debenture Stock 3½% 1st. Mortgage Debenture Stock . 3½% 1st. Guaranteed Bonds . 4½% 30 Year Guaranteed Gold Bonds . 4½% 30 Year Guaranteed Gold Bonds . 4½% 25 Year Guaranteed Gold Bonds . 4½% 25 Year Guaranteed Gold Bonds . 4½% 20 Year Guaranteed Gold Bonds . 4½% 20 Year Guaranteed Gold Bonds . 4½% 20 Year Guaranteed Bonds . 3% 15 Year Guaranteed Bonds . 3% 20 Year Guaranteed Bonds . 3% 20 Year Guaranteed Bonds .	s G.T.R. G.T.R. G.T.R. G.T.P. Can. Nor. Can. Nor. C.N.A. Can. Nat.	1875 to 1883 1858 to 1876 1883 to 1918 July 31, 1884 July 1, 1905 July 29, 1903 Mar. 1910 Mar. 22, 1911 Dec. 8, 1911 Feb. 1, 1924 July 1, 1927 Oct. 1, 1929 Feb. 1, 1930 June 15, 1930 June 15, 1930 Feb. 1, 1931 Feb. 1, 1931 Feb. 1, 1931 Feb. 1, 1931 Feb. 1, 1937 Jan. 15, 1939	Perpetual Perpetual Perpetual Perpetual Perpetual Jan. 1, 1962 Jan. 1, 1962 July 10, 1953 July 20, 1958 May 4, 1960 May 19, 1961 Feb. 1, 1957 Oct. 1, 1969 Feb. 1, 1970 June 15, 1955 Feb. 1, 1956 Sept. 1, 1951 Feb. 1, 1953 Feb. 1, 1959	\$ 1,473,495,26 853,272,66 5,960,094,73 27,457,73 26,465,130,00 7,999,074,00 1,162,768,33 5,636,508,16 550,726,60 3,603,182,68 50,000,000,00 64,136,000,00 17,338,000,00 48,496,000,00 67,368,000,00 67,368,000,00 25,000,000,00 20,000,000,00 35,000,000,00	42,372.47 236,903.50 1,098.31 793,953.90 319,962.96 34,883.04 197,287.05 19,276.88 126,008.21 2,500,000.00 2,886,120.00 2,886,425.00 866,900.00 2,303,560.00 3,031,560.00 2,160,990.00 750,000.00 600,000.00
Total	**********			\$486,820,210.15	\$20,880,643.90
GUARANTEED BY PROVINCE OF BRITISH C	OLUMBIA:				
4% 1st. Mortgage Debenture Stock 4½% Terminal Debenture Stock	C.N.P. C.N.P.	Nov. 16, 1911 1913 and 1914		\$ 798,055.48 1,154,052.13	
Total				\$ 1,952,107.61	\$ 83,666.99
Equipment Trust Issues:					
2½% Series "O". 2¾% " "P". 2½% " "O". 2½% " "G.T.W.".	Can. Nat.	Aug. 1, 1937 Sept. 15, 1938 July 1, 1939 June 1, 1941	Ser. 1, 8, '47 Ser. 15, 9, '53 Ser. 1, 7, '49 Ser. 1, 6, '51	\$ 1,430,000.00 3,600,000.00 1,950,000.00 2,557,000.00	\$ 56,604.17 108,739.61 56,875.00 73,425.00
Total			************	\$ 9,537,000.00	\$ 295,643.78
Other Issues:					
4% Canada Atlantic 1st. Mtge Bonds. 4% 1st. Mortgage Bonds. 4% 2nd. Mtge. Bonds, Prairie "A". 4% 2nd. Mtge. Bonds, Mountain "B". 1st. Mtge. Bonds, "Lake Superior". 4% Perpetual Cons. Debenture Stock. 4% Perpetual Cons. Debenture Stock. 4% Perpetual Cons. Debenture Stock. 1st. Mtge. Perp. Debenture Stock. 1st. Mtge. Perp. Debenture Stock. 1st. Mortgage Bonds. 1st. Mortgage Series "A" Bonds. 1st. Mortgage Gold Bonds. 5% Indebtedness to Province of N.B. Interest on Securities retired in 19	Pem. Sou. G.T.P. G.T.P. G.T.P. Can. Nor. C.N.O. C.N.Q. Q & L.St.J. G.T.W. G.T.W. M. & P. L. Can. Nat.	Oct. 1906 June 1, 1912 Nov. 30, 1900 Jan. 1, 1930	Jan. 1, 1955 Sept. 1, 1956 Apr. 1, 1955 Apr. 1, 1955 Apr. 1, 1955 Perpetual Perpetual Perpetual Perpetual July 1, 1950 Jan. 1, 1980 Oct. 1, 1958	9,947,934.00 150,000.00 3,574,530.00 2,152,008.00 3,994,024.66 890,084.13 465,545.33 287,289,07 6,527,336.00 400,000.00 200,000.00	397,919.79 6,000.00 142,991.45 125,827.00 86,090.57 158,939.70 35,605.37 18,621.81 11,491.56 261,237.86 18,000.00 8,000.00 19,001.12 808,833.28
Total	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\$ 32,113,679.79	\$ 2,098,559.51
Total Debt held by Public (including ther and Accounts) as per Balance Sheet.	ein \$5,286,30	2.38 par value held	in Special Funds	\$530,422,997.55	\$23,358,514.18

These obligations are stated in Canadian currency, Sterling and United States currencies being converted at the par of exchange. This schedule does not include securities in the Railway treasury or those held by The Canadian National Railways Securities Trust, or by the Dominion Government as collateral.



INVESTMENTS IN AFFILIATED COMPANIES

COMPANY	Total Par Value	Owned by Car	n. Nat. System
	Outstanding	Par Value	Book Value
The Belt Railway Company of Chicago. Canadian Government Merchant Marine, Limited. Central Vermont Transportation Company. Chicago & Western Indiana Railroad Company. The Detroit & Toledo Shore Line Railroad Company. Detroit Terminal Railroad Company. Northern Alberta Railways Company. (representing amount paid up, i.e. 10%) The Ontario Car Ferry Company (Limited). The Public Markets, Limited. Railway Express Agency, Incorporated (no par value). The Toronto Terminals Railway Company. The Toledo Terminal Railroad Company. Trans-Canada Air Lines.	\$ 3,120,000.00 800.00 200,000.00 5,000.000.00 3,000,000.00 2,000,000.00 625,000.00 500,000.00 1,150,000.00 1,000 shares 500,000.00 4,000,000.00 6,600,000.00	\$ 240,000.00 800.00 50,000.00 1,000,000.00 1,500,000.00 1,000,000.00 312,500.00 250,000.00 6 shares 250,000.00 387,200.00 6,600,000.00	\$ 240,000.00 800.00 20,000.00 1,000,000.00 1,500,000.00 312,500.00 179,007.53 575,000.00 600.00 250,000.00 387,200.00 6,600,000.00
(representing amount paid up, i.e. 82.5%) Vancouver Hotel Company Limited	150,000.00	75,000.00	75,000.00
			\$12,140,107.53
Bonds: Northern Alberta Railways Co. 1st. Mortgage Bonds The Toronto Terminals Railway Co. 1st. Mortgage Bonds	\$31,530,000.00 25,810,000.00	\$15,765,000.00	\$15,765,000.00 12,905,000.00 \$28,670,000.00
Advances: Chicago & Western Indiana Railroad Company The Railroad Credit Corporation Railway Express Agency, Incorporated Vancouver Hotel Company Limited			\$ 2,482,544.01 5,555.86 155,077.87 10,207.89
			\$ 2,653,385.63
			\$43,463,493.16

MAJOR CONTINGENT LIABILITIES

At 31st. December, 1946, Canadian National Railway Company had subscribed for \$8,000,000 of the Capital Stock of the Air Lines of which \$6,600,000 has been called and paid in.

Northern Alberta Railways Company:
At 31st. December, 1946, Canadian National Railway Company had subscribed for \$3,125,000 of the Capital Stock of the Railways Company of which \$312,500 has been called and paid in.

THE DETROIT & TOLEDO SHORE LINE RAILROAD COMPANY:

Assumed by Grand Trunk Western Railroad Company as joint and several guarantor by indorsement of principal and interest of \$3,000,000 First Mortgage 4%—50 Year Gold Bonds due 1953.

THE TOLEDO TERMINAL RAILROAD COMPANY:

Assumed by Grand Trunk Western Railroad Company in respect of \$5,800,000 First Mortgage 4½%—50 Year Gold Bonds due 1957. The guarantee is as to interest only and is several and not joint. Grand Trunk Western's proportion is 9.68%.

CHICAGO & WESTERN INDIANA RAILROAD COMPANY:

Assumed by Grand Trunk Western Railroad Company, pursuant to joint supplemental lease dated 1st. July, 1902, between Assumed by Grand Trunk Western Railroad Company, pursuant to joint supplemental lease dated 1st. July, 1902, between Grand Trunk Western Railway Company and four other proprietary companies. Obligation is for repayment of principal of bonds at their maturity, and of interest as it falls due by way of annual rentals. The Grand Trunk Western's obligation is for one-fifth of the bonds issued for "common" property and the entire amount of bonds issued for its "exclusive" property. The bonds are Consolidated Mortgage 50 Year 4% bonds due 1952 and the amounts outstanding at 31st. December, 1946, are:

Issued for "common" property. \$39,973,019.39

Issued for "exclusive" property. \$252,535.36

Assumed by Grand Trunk Western Railroad Company pursuant to joint supplemental lease dated 1st. March, 1936, between Grand Trunk Western Railroad Company and other proprietary companies. Obligation is to pay as rental sinking fund payments sufficient to retire bonds at maturity and interest as it falls due. The Grand Trunk Western's proportion is one-fifth in the absence of default of any of four other tenant companies. The bonds are First and Refunding Mortgage 4¼% Series "D" Sinking Fund Bonds due 1962 and the amount outstanding at 31st. December, 1946, is \$17,198,000.

C.N.R. PENSION PLAN:

Reserves have been set up against contracts in force under the 1935 contractual plan, but not against pensions conditionally accruing under that plan or prior non-contractual plans.



COMPANIES COMPRISING THE CANADIAN NATIONAL RAILWAY SYSTEM

CAPITAL STOCKS OWNED BY DOMINION OF CANADA

Company		
1 2	Canadian National Railway Company	\$ 18,000,000.00 380,403,604.43
		\$398,403,604.43

CAPITAL STOCKS OWNED BY SYSTEM OR PUBLIC

	Name of Issuing Company	Owned by Company Number	Capital Stock Issued	Owned by Public
3 4 5 6 7 8 9	Atlantic and St. Lawrence Railroad Company The Bay of Quinte Railway Company The Bessemer and Barry's Bay Railway Company *Brooksay Realty Company The Canadian Express Company Canadian National Electric Railways Canadian National Express Company	1 22 22 28 1 22 23	\$ 6,302,340.00 1,395,000.00 125,000.00 2,000.00 1,768,800.00 1,750,000.00 1,000,000.00	\$ 111,840.00
10 11 12 13 14 15 16 17	Canadian National Land Settlement Association *Canadian National Railways (France)—francs 30,000,000 *Canadian National Realties, Limited Canadian National Rolling Stock Limited *Canadian National Steamship Company, Limited Canadian National Telegraph Company *Canadian National Transportation, Limited The Canadian Northern Alberta Railway Company	1 1 22 1 43 22 1 22	1,893,573.92 40,000.00 50,000.00 15,000.00 500,000.00 500.00 3,000,000.00	
18 19 20	Canadian Northern Manitoba Railway Company	22 22 22	250,000.00 10,000,000.00 25,000,000.00	
21 22 23 24 25 26	The Canadian Northern Quebec Railway Company The Canadian Northern Railway Company The Canadian Northern Railway Express Company, Limited Canadian Northern Steamships, Limited Canadian Northern System Terminals (Limited) Canadian Northern Western Railway Company	22 1 22 22 22 22 22 22	9,550,000.00 18,000,000.00 1,000,000.00 2,000,000.00 2,000,000.00 2,000,000.00	3,849,200.00
27 28 29 30 31 32	Cannar Oils Limited *The Centmont Corporation The Central Ontario Railway Central Vermont Railway, Inc. Central Vermont Terminal, Inc. *Central Vermont Transit Corporation	1 30 22 1 30 28	100.00 176,400.00 3,331,000.00 10,000,000.00 5,000.00 5,000.00	
33 34 35 36 37	*Central Vermont Warehouse, Inc The Champlain and St. Lawrence Railroad Company *Consolidated Land Corporation. *The Dalhousie Navigation Company, Limited Duluth, Rainy Lake & Winnipeg Railway Company	28 1 46 22 39	5,000.00 50,000.00 64,000.00 50,000.00 2,000,000.00	
38 39 40 41 42 43	Duluth, Winnipeg and Pacific Railroad Company. Duluth, Winnipeg and Pacific Railway Company. *Grand Trunk-Milwaukee Car Ferry Company. The Grand Trunk Pacific Branch Lines Company. *The Grand Trunk Pacific Development Company, Limited. The Grand Trunk Pacific Railway Company.	39 22 46 43 43	100,000.00 3,100,000.00 200,000.00 200,000.00 3,000,000.00 24,940,200.00	
44 45 46 47	The Grand Trunk Pacific Saskatchewan Railway Company *Grand Trunk Pacific Terminal Elevator Company, (Limited) [Grand Trunk Western Railroad Company (Common)] [Grand Trunk Western Railroad Company (Preferred)] The Great North Western Telegraph Company of Canada	43 43 1	20,000.00 501,000.00 20,000,000.00 25,000,000.00	
48 49 50 51	(Including \$331,500.00 held in escrow) The Halifax and South Western Railway Company *Industrial Land Company International Bridge Company The James Bay and Eastern Railway Company	15 22 46 1 22	373,625.00 1,000,000.00 1,000.00 1,500,000.00 125,000.00	6,925.00
	Carried Forward		\$183,389,538.92	\$ 3,967,965.00



COMPANIES COMPRISING THE CANADIAN NATIONAL RAILWAY SYSTEM (Continued)

CAPITAL STOCKS OWNED BY SYSTEM OR PUBLIC (CONT'D)

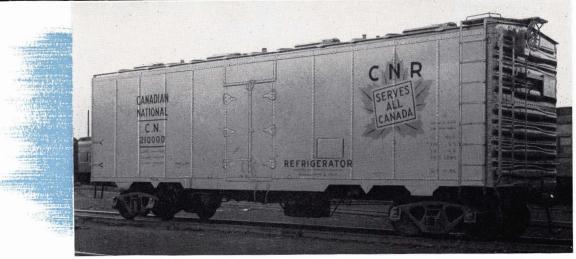
		Owned by			
Company		Company	Capital Stock		Owned by
Number	NAME OF ISSUING COMPANY	Number	Issued		Public
rumber	Brought Forward	rumber	\$183,389,538.92	\$	3,967,965.00
52	The Lake Superior Terminals Company Limited	22	500,000.00	Ψ	0,501,500.00
53	The Maganetawan River Railway Company	1	30,000.00		
54	Manitoba Northern Railway Company	1	500,000.00		
55	The Marmora Railway and Mining Company	$2\overset{1}{2}$	128,600.00		
56	The Minnesota and Manitoba Railroad Company	22			
57	The Minnesota and Ontario Bridge Company	$\frac{22}{22}$	400,000.00		
58	The Minnesota and Ontario Bridge Company	22	100,000.00		
59	Montreal and Province Line Railway Company	28	1,000,000.00		105 000 00
60	*Montreal and Southern Counties Railway Company	1	500,000.00		165,600.00
	The Montreal and Vermont Junction Railway Company	30	197,300.00		
61	*Montreal Fruit & Produce Terminal Company, Limited	1	500.00		
62	*The Montreal Stock Yards Company	1	350,000.00		10 010 00
63	*The Montreal Warehousing Company	1	236,000.00		12,240.00
64	Mount Royal Tunnel and Terminal Company, Limited	22	5,000,000.00		
65	Muskegon Railway and Navigation Company	46	161,293.00		
66	*National Terminals of Canada, Limited	1	2,500.00		
67	National Transcontinental Railway Branch Lines Company	1	500.00		
68	*The Niagara, St. Catharines and Toronto Railway Company	22	925,000.00		
69	*The Niagara, St. Catharines and Toronto Navigation Company				
	(Limited)	68	100,000.00		
70	*The Oshawa Railway Company	1	40,000.00		
71	The Ottawa Terminals Railway Company	1	250,000.00		
72	The Pembroke Southern Railway Company	1	107,800.00		
73	*Prince Rupert, Limited	1	10,000.00		
74	The Quebec and Lake St. John Railway Company	22	4,508,300.00		489,160.00
75	The Qu'Appelle, Long Lake and Saskatchewan Railroad and				
	Steamboat Company	22	201,000.00		
76	*Rail & River Coal Company	1	2,000,000.00		
77	St. Boniface Western Land Company	22	250,000.00		
78	The St. Charles and Huron River Railway Company	22	1,000.00		
79	St. Clair Tunnel Company	1	700,000.00		
80	*The Thousand Islands Railway Company	1	60,000.00		
81	†Trans-Canada Air Lines	1	6,600,000.00		
82	The United States and Canada Rail Road Company	1	219,400.00		475.00
83	Vermont and Province Line Railroad Company	1	200,000.00		
84	The Winnipeg Land Company Limited	22	100,000.00		
			,		
			\$208,768,731.92	\$	4,635,440.00
				=	

The Income Accounts of Companies indicated (*) are included in the System Income Account as "Separately Operated Properties."

†Treated as an Affiliated Company.







Top: Exterior view of a Canadian National day coach.

Centre: Latest type Canadian National refrigerator car which features an entirely new system of wet and dry flues.

Below: One of the new 1000-h.p. Canadian National diesel locomotives for switching-yard use.

A number of these are in service and others are on order.





RAILWAY EQUIPMENT

. The second sec	December 31, 1945	Additions During Year	Retirements During Year	Conver During Added		December 31, 1946
Locomotives: Passenger—Freight Switching. Electric.	1,975 523 24		7 2	1	1	1,967 522 24
Oil Electric	37	16	3			50
Total	2,559	16	12	1	1	2,563
					7	
FREIGHT EQUIPMENT: Box Cars Flat Cars Stock Cars	70,901 5,373 3,037	856	750 29 8	26 1	341 33	70,692 5,312 3,029
Coal Cars. Tank Cars. Refrigerator Cars. Caboose Cars. Other Cars in Freight Service.	15,661 142 3,205 1,648 10	1	. 1 . 8 . 35 . 3	3	5	15,562 141 3,198 1,613 10
Total	99,977	857	928	30	379	99,557
Passenger Equipment: Coach Cars. Combination Cars. Dining Cars. Colonist Cars. Parlor Cars. Cafe Cars. Sleeping Cars. Tourist Cars. Baggage and Express Cars. Postal Cars. Unit Cars. Other Cars in Passenger Service.	1,196 270 96 190 47 28 302 46 1,042 49 40 65	* 22	21 4 1 3 14 2 1	3 1 1	30 2 1 6	1,145 266 96 189 50 28 298 47 1,050 49 37 58
Total	3,371	22	46			3,313
Work Equipment: Cars in Work Service	7,444	20	385	385	2	7,462
FLOATING EQUIPMENT: Car Ferries. Barges. Tugs. Work.	8 5 4 3					8 5 4 3

^{*}Previously under lease from Arms-Yager Company.

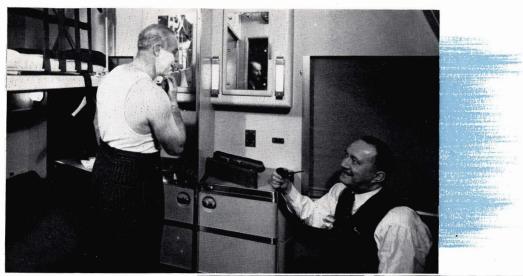




Interior of one of the redesigned, refurnished chair cars.

Roomier seats and larger windows are features of Canadian National day coaches now being built.

The lately redesigned bedroom-buffet-lounge cars have single bedrooms with a movable partition allowing them to be converted into a double bedroom.





Interior lounge section of redesigned bedroom-buffet-lounge cars showing arrangement of furniture, with library in centre of car.



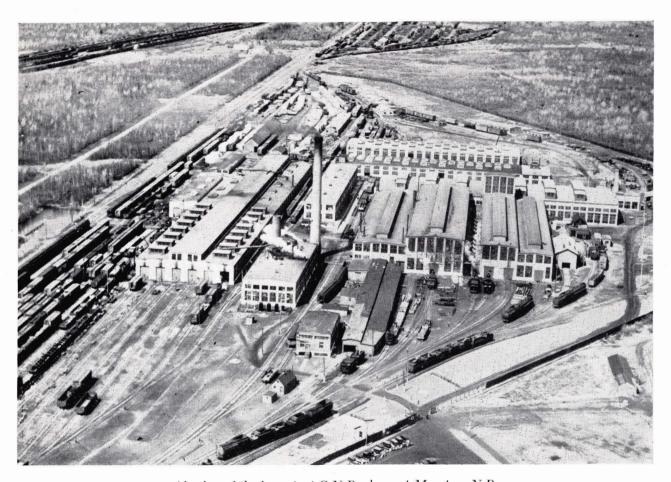
STATISTICS OF RAIL-LINE OPERATIONS

	1946	1945
Train-Miles: Freight Service. Passenger Service.	41,817.432 23,581,125	43,381,957 24,600,264
Total Work Service	65,398,557 1,583,828	67,982,221 1,732,082
Total	66,982,385	69,714,303
Locomotive-Miles: Freight Service Passenger Service Train Switching—Freight —Passenger Yard Switching—Freight —Passenger		46,392,068 24,382,258 3,659,667 104,120 15,247,844 1,474,192
Total Work Service	88,659,186 2,154,186	91,260,149 2,402,612
Total	90,813,372	93,662,761
Car-Miles—Freight Service: Loaded Freight Cars. Empty Freight Cars. Passenger Coach and Combination cars. Sleeping, Parlor and Observation Cars. Dining Cars. Other Cars. Caboose.	1,140,162,216 477,233,755 6,605,024 308,517 20,328 6,851,524 41,314,017	1,173,624,393 528,469,997 6,956,586 313,716 15,796 6,789,874 42,490,621
Total	1,672,495,381	1,758,660,983
Car-Miles—Passenger Service: Loaded Freight Cars. Empty Freight Cars. Passenger Coach and Combination Cars. Sleeping, Parlor and Observation Cars. Dining Cars. Other Cars. Motor Unit Cars. Caboose.	213,046 29,557 67,830,334 54,245,384 9,189,041 70,863,420 890,569 1,147,231	386,155 162,865 81,828,393 61,263,172 11,440,316 69,802,421 972,725 1,669,296
Total	204,408,582	227,525,343
Car-Miles—Total	1,876,903,963 4,598,630	1,986,186,326 3,989,987
Total	1,881,502,593	1,990,176,313
Average Mileage of Road Operated	23,437.12	23,498.36
Freight Traffic: Tons carried —Revenue freight Tons carried one mile—Revenue freight. Freight revenue. Revenue per ton. Revenue per ton mile. Miles per revenue ton. Ton-miles—Revenue freight per mile of road. Ton-miles—All freight per mile of road. Gross ton-miles of cars, contents and cabooses. Net ton-miles of freight (Revenue and non-revenue) Train-hours in freight road service.	78,950,008 30,811,920,078 \$300,313,199 \$3.80384 \$0.00975 390.27 1,314,663 1,425,942 71,654,047,848 33,419,975,710 2,723,640	$\begin{array}{c} 79,941,296\\34,599,518,473\\\$316,533,329\\\$3.95957\\\$0.00915\\432.81\\1,472,423\\1,589,767\\77,301,216,775\\37,356,916,946\\2,850,886\end{array}$
Passenger Traffic: Passengers carried Passengers carried one mile Passenger revenue Revenue per passenger Miles per revenue passenger Revenue per passenger mile Passenger-miles per mile of road	22,320,490 2,289,022,387 \$50,128,223 \$2,24584 102.55 \$0.02190 97,667	30,370,680 3,338,197,658 \$65,199,923 \$2,14680 109,92 \$0,01953 142,061
Net Railway Operating Income: Gross Revenue per mile of road. Gross Railway operating charges per mile of road. Net railway operating income per mile of road.	\$17,091.95 \$15,745.41 \$1,346.54	\$18,459.73 \$15,571.11 \$2,888.62

OPERATED MILEAGE, 31st. DECEMBER, 1946

OPERATED ROAD MILEAGE

Territory Atlantic Region	Owned 2,986.85 7,089.00 11,427.18 903.19 237.92 22,644.14	Leased 6.41 353.13 34.84 9.50 125.18 529.06	Trackage 82.95 27.85 64.07 59.75 58.73	Total 3,076.21 7,469.98 11,526.09 972.44 421.83 23,466.55
Lines in Canada	21,287.60	222.05	170.48	21,680.13
	1,356.54	307.01	122.87	1,786.42
First Main Track Second Main Track Third Main Track Fourth and Other Main Tracks Spurs, Sidings and Yard Tracks	22,644.14	529.06	293.35	23,466.55
	1,218.37	9.34	85.42	1,313.13
	26.65	—	3.49	30.14
	10.78	—	5.09	15.87
	5,926.39	172.79	1,178.51	7,277.69
Total All Tracks	29,826.33	711.19	1,565.86	32,103.38



 $Air\ view\ of\ the\ important\ C.N.R.\ shops\ at\ Moncton,\ N.B.$

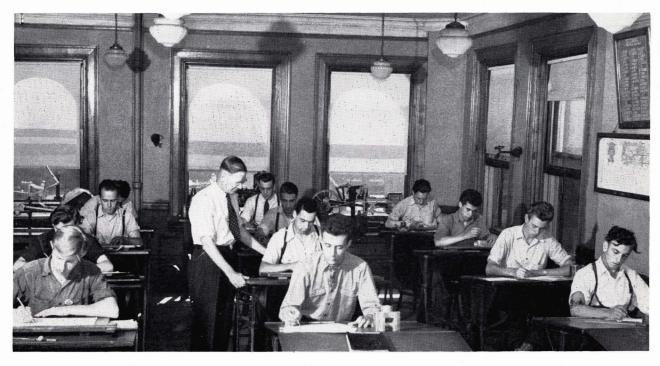
DISBURSEMENT OF TOTAL OPERATING REVENUES AND EXPENSES

		Operating re	venues were	Operating expenses were			
		disbur	sed:—		rsed:—		
		1946-%	1945-%	1946-%	1945-%		
Labour		55.10	47.19	61.79	57.61		
Fuel		9.65	9.77	10.82	11.92		
Other Expenses		24.43	24.95	27.39	30.47		
Total Operating Ex	penses	89.18	81.91	100.00	100.00		
Available for Taxes and	Other Accounts	10.82	18.09				
Total		100.00	100.00	100.00	100.00		
Maintenance of Way Ac	counts	16.76	16.21	18.80	19.79		
	ent Accounts	18.41	17.70	20.64	21.61		
		1.77	1.39	1.99	1.70		
Transportation Account	S	46.27	41.30	51.88	50.42		
		1.18	1.45	1.32	1.77		
General Accounts	*****************	4.79	3.86	5.37	4.71		
Total Operating Ex	penses	89.18	81.91	100.00	100.00		
				-			

EMPLOYEES AND THEIR COMPENSATION

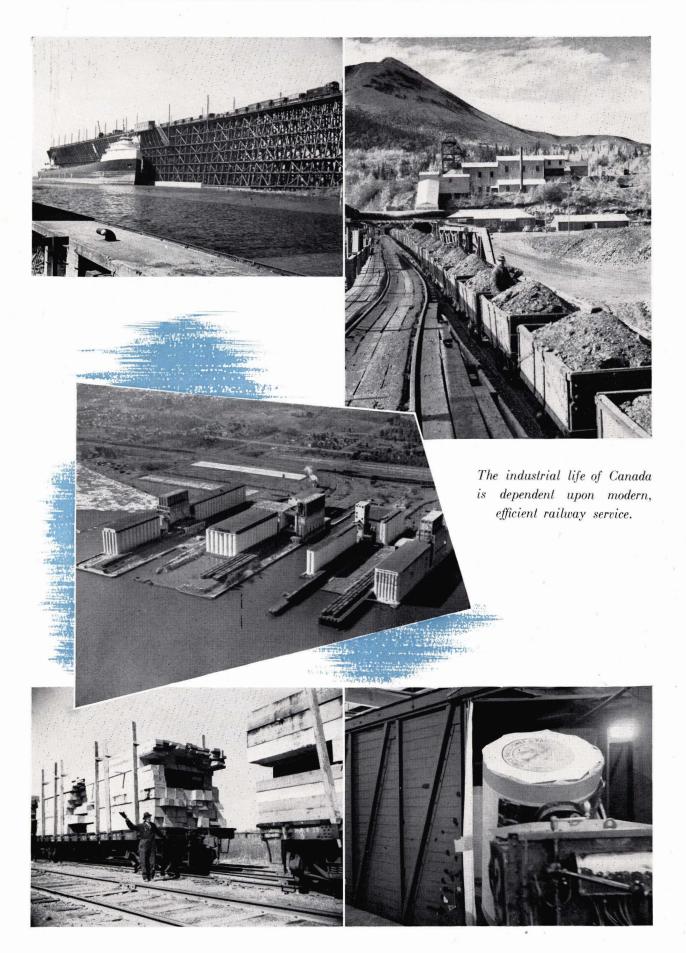
	*Average Number		% Inc. over Pre	evious Year
Year	of Employees	*Total Payroll	Employees	Payroll
1939	78,129	\$122,354,101		
1940	82,831	132,584,063	6.02	8.36
1941	89,536	153,654,368	8.09	15.89
1942	94,592	177,042,773	5.65	15.22
1943	101,126	195,555,045	6.91	10.46
1944	102,764	222,649,839	1.62	13.86
1945	105,624	220,507,637	2.78	. 96
1946	105,353	237,335,781	. 26	7.63

^{*}Includes railway, express and telegraph employees. Excludes hotel and subsidiary company employees.



Classroom training of apprentices is a long-established part of shop practice of the Canadian National Railways.







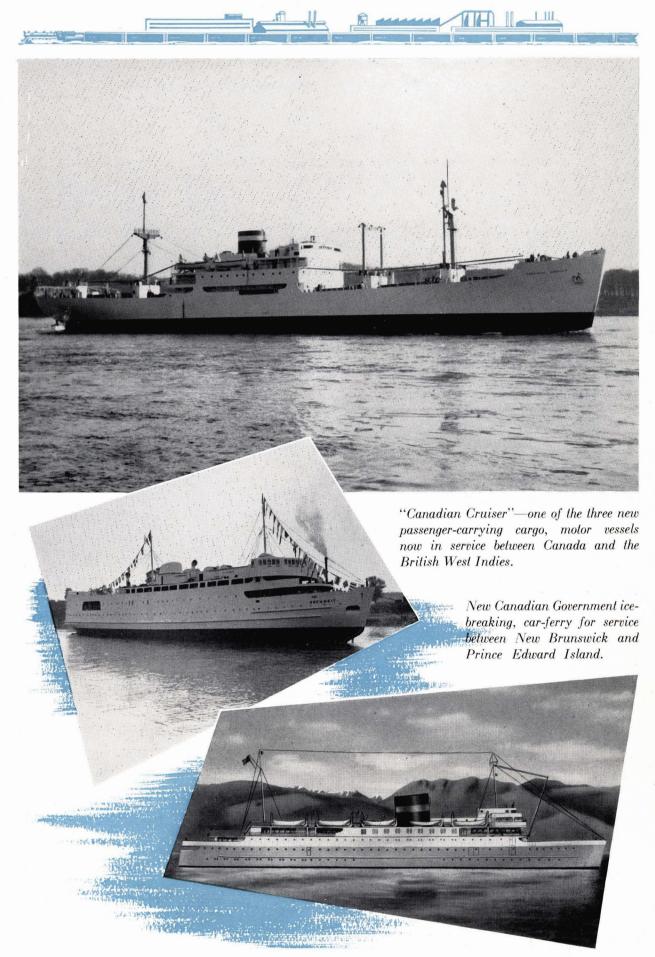
REVENUE TONNAGE BY COMMODITIES

	Year 1946 Year 1945		Increase Decrea	
Agricultural Products:	Tons	Tons	Tons	cents
Wheat Corn Oats Barley Rye Flaxseed Other Grain (including dried peas, beans, soya beans) Flour Other Mill Products Hay and Straw Cotton Apples (fresh) Other Fruit (fresh) Potatoes Other Fresh Vegetables Other Agricultural Products (excluding dried peas, beans, soya beans)	5,630,365 442,397 1,724,535 1,141,953 76,929 104,275 166,668 1,216,415 2,235,176 242,828 92,383 110,715 470,823 397,721 262,100 747,320	8,836,831 470,431 1,853,887 1,370,197 85,227 116,848 155,894 1,177,277 2,120,249 253,578 79,755 91,224 432,482 411,572 261,268	3,206,466 28,034 129,352 228,244 8,298 12,573 10,774 39,138 114,927 10,750 12,628 19,491 38,341 13,851 832 21,475	36.29 5.96 6.98 16.66 9.74 10.76 6.91 3.32 5.42 4.24 15.83 21.37 8.87 3.37 2.96
Total	15,062,603	18,442,565	3,379,962	18.33
Animal Products: Horses Cattle and Calves Sheep Hogs Poultry (live) Dressed Meats or Dressed Poultry (fresh or frozen) Dressed Meats (cured or salted) Other Packing House Products (edible) Eggs Butter Cheese Wool Hides and Leather Other Animal Products (non-edible)	68, 869 390, 505 27, 983 153, 108 990 230, 219 132, 800 55, 474 73, 970 50, 205 61, 519 72, 043 85, 239 127, 285	46,296 398,994 27,136 218,802 2,431 294,449 233,454 42,377 91,125 65,345 88,219 67,404 85,696 114,463	22,573 8,489 847 65,694 1,441 64,230 100,654 13,097 17,155 15,140 26,700 4,639 457 12,822	48.76 2.13 3.02 59.28 21.81 43.12 30.91 18.83 23.17 6.88 .53 11.20
Total	1,530,209	1,776,191	245,982	13.85
Mine Products: Anthracite Coal Bituminous Coal Sub-Bituminous Coal and Lignite Coal Coke Iron Ores and Concentrates Copper Ore and Concentrates Other Ores and Concentrates. Base Bullion, Matte, Pig and Ingot (non-ferrous metals) Sand and Gravel Stone (crushed, ground, broken) Slate, Dimension or Block Stone Crude Petroleum Asphalt (natural, by-product petroleum) Salt Other Mine Products (not fully processed) Total	3,077,841 9,882,636 1,836,392 1,274,250 977,456 161,310 1,348,638 506,658 1,944,218 2,030,272 103,640 523,124 268,972 515,273 1,440,335	2,095,409 9,193,585 1,823,304 1,472,883 646,270 181,605 2,033,078 819,398 1,438,943 2,009,009 70,984 606,176 199,882 567,193 1,042,179	982,432 689,051 13,088 198,633 331,186 20,295 684,440 505,275 21,263 32,656 83,052 69,090 51,920 398,156	46.88 7.49 72 13.49 51.25 11.18 33.67 38.11 1.06 46.00 13.70 9.15 38.20 6.99
Carried Forward	42,483,827	44,418,654	1,934,827	



REVENUE TONNAGE BY COMMODITIES (Continued)

	Year 1946	Year 1945	Increase Decrea		
	Tons	Tons	Tons	cents	
Brought Forward	42,483,827	44,418,654	1,934,827		
Forest Products:					
Logs, Posts, Poles, Piling Cordwood and Other Firewood Ties Pulpwood Lumber, Timber, Box, Crate and Cooperage Material Other Forest Products	988,519 553,648 56,505 4,842,085 4,461,841 254,088	677,158 580,163 61,290 4,104,087 4,090,454 252,371	311,361 26,515 4,785 737,998 371,387 1,717	45.98 4.57 7.81 17.98 9.08 .68	
Total	11,156,686	9,765,523	1,391,163	14.25	
MANUFACTURES AND MISCELLANEOUS:					
Gasolene. Petroleum Oils and Petroleum Products (except asphalt and gasolene). Sugar Iron, Pig and Bloom Rails and Fastenings. Iron and Steel (bar, sheet, structural, pipe). Castings, Machinery and Boilers. Cement Brick and Artificial Stone Lime and Plaster Sewer Pipe and Drain Tile Agricultural Implements and Vehicles other than autos. Automobiles, Auto Trucks and Auto Parts. Household Goods and Settlers Effects Furniture Beverages Fertilizers, All Kinds Newsprint Paper Other Paper Paper Board, Pulpboard and Wallboard (paper) Woodpulp Fish (fresh, frozen, cured, etc.) Canned Goods (all canned food products) Other Manufactures and Miscellaneous Merchandise (all L.C.L. Freight)	1,726,698 1,382,975 294,174 290,772 48,110 1,479,516 308,264 728,357 309,630 371,760 36,479 249,980 1,255,043 26,815 64,680 506,792 1,266,345 1,833,686 419,293 440,603 1,237,955 152,113 681,801 7,736,068 2,461,586	1,391,244 1,767,601 375,950 288,527 61,635 1,733,839 259,747 488,525 213,776 367,387 30,085 228,674 1,701,549 20,268 49,525 473,298 1,130,242 1,462,742 317,307 400,422 1,295,781 164,628 624,518 8,709,255 2,200,594	335,454 384,626 81,776 2,245 13,525 254,323 48,517 239,832 95,854 4,373 6,394 21,306 446,506 6,547 15,155 33,494 136,103 370,944 101,986 40,181 57,826 12,515 57,283 973,187 260,992	24.11 21.76 21.75 78 21.94 14.67 18.68 49.09 44.84 1.19 21.25 9.32 26.24 32.30 30.60 7.08 12.04 25.36 32.14 10.03 4.46 7.60 9.17 11.17 11.86	
Total	25,309,495	25,757,119	447,624	1.74	
Grand Total	78,950,008	79,941,296	991,288	1.24	



Architect's sketch of steamship now being constructed on the B.C. coast for service by the Canadian National between Vancouver, Prince Rupert and Alaska.



WORLD-WIDE SERVICE

The Canadian National maintains offices in the British Isles, Australia, New Zealand, the Orient, France and the United States to render helpful service and to give information in connection with the traffic and other interests of the Company and of Canada generally. The principal offices of this kind are located at the following points:

United States	St. Louis Mo.
BostonMass.	St. PaulMinn.
BuffaloN.Y.	Saginaw Mich.
Birmingham	San Francisco
Cedar RapidsIowa	SeattleWash.
ChicagoIll	South BendInd.
CincinnatiOhio	ToledoOhio
ClevelandOhio	TulsaOkla.
*DetroitMich.	WashingtonD.C.
DuluthMinn.	GREAT BRITAIN
FlintMich.	BelfastNorthern Ireland
Grand RapidsMich.	CardiffWales
Kansas CityMo.	Glasgow
Los Angeles	Liverpool England
Mason CityIowa.	*London England
MemphisTenn.	Southampton England
MilwaukeeWis.	
MinneapolisMinn.	France
New Haven	ParisFrance
New OrleansLa.	Australia and New Zealand
*New York	MelbourneAustralia
OmahaNeb.	Sydney
PhiladelphiaPa.	WellingtonNew Zealand
PittsburghPa.	The Orient
PortlandMe.	
Portland	Hong Kong
St. AlbansVt.	CalcuttaIndia

^{*}Industrial Development representatives located at these points.



During 1946, the Canadian National Railways had the honor of serving many distinguished travellers, some of whom are shown above.

CANADIAN NATIONAL HOTELS

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HALIFAX, N.S
CHARLOTTETOWN, P.E.I The Charlottetown
OTTAWA, ONT
PORT ARTHUR, ONT Prince Arthur Hotel
WINNIPEG, MAN
BRANDON, MAN
SASKATOON, SASK
EDMONTON, ALTA The Macdonald
·
VANCOUVER, B.C
*Operated under the joint management of Canadian National Railways and the Canadian Pacific Railway Company.

SUMMER RESORT HOTELS

Jasper Park Lodge	٠	•	٠	,	•				JASPER, ALTA.
Minaki Lodge									MINAKI, ONT.
Pictou Lodge									PICTOU, N.S.



