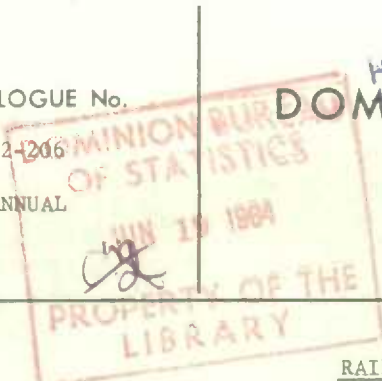


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# DOMINION BUREAU OF STATISTICS

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## RAILWAY OPERATING STATISTICS

YEAR 1963

Financial and operating statistics presented in this report are based on cumulative monthly returns relating to the period January 1 to December 31, 1963. Certain corrections not appearing in figures published for each month are included herein. The railways comprising this publication include the C.N.R., and C.P.R. (class 1) and other railways whose gross annual revenues are \$500,000 or more annually (class 2). Excluded are details of railways with operating revenues of less than \$500,000 (classes 3 & 4) whose operations represent about one per cent of all common carrier companies.

### Financial Statistics

Total railway operating revenues in 1963 increased 3.9 per cent to \$1,209,113,532 from the previous year. Operating expenses increased to a lesser degree, rising 2.5 per cent to \$1,147,863,581 resulting in a net operating income of \$61,249,951 as compared to \$43,880,707 a year earlier. Railway operating expenses for 1963 amounted to 94.93 cents per dollar of revenue.

The Canadian National Railways reported a 2.9 per cent increase in operating revenues to \$586,492,382 from 1962 and the Canadian Pacific Railway Company showed a 5.3 per cent increase to \$477,895,802. In comparing the operations of the two roads it should be noted that C.N.R. revenues included approximately \$10 million in compensatory payments relating to the Freight Rates Reduction Act and approximately \$29 million in interim payments related to recommendations of the MacPherson Royal Commission. The C.P.R. included some \$7.1 million in F.R.R.A. receipts and \$19.3 million in interim payments, both of which related to the year 1963. In addition, C.P.R. revenues included \$4.6 million in F.R.R.A. adjustments for the period May to December 1962, and \$1.5 million in interim payments for December 1962. Operating expenses of the Canadian National were up 1.5 per cent to \$580,719,894 and the Canadian Pacific recorded a 4.2 per cent increase to \$442,461,408. The C.N.R. net operating income for the year amounted to \$5,772,488 considerably better than the deficit of \$2,048,414 in 1962. The C.P.R. net operating income in 1963 totalled \$35,434,394 up from \$29,153,021 in the earlier year. These figures do not include any provision for fixed charges.

Rail operating revenues, comprising railway, express, commercial communications and highway transport (rail) services increased 3.6 per cent to \$1,338,020,175. Operating expenses rose 2.4 per cent to \$1,268,617,348 and the net rail operating income was up to \$69,402,827 from \$52,921,616 in 1962.

### Operating Statistics

Revenue freight carried by rail, reflecting increased economic activity, increased 5.1 per cent to 185,877,125 tons from the preceding year. The number of ton miles rose 10.9 per cent to 74,217,322,000 and as a result the average length of haul rose to 399 from 379 miles. The average revenue per ton-mile dropped to 1.437 cents from 1.522.

The number of passengers carried in the year in the year under review continued the upward trend started the previous year, halting the prolonged decline which began in 1945 and lasted through 1961. The 1963 total of 20.6 million was a rise of 7.1 per cent over 1962. Passenger miles increased to 2,067.2 million from 2,016.9. The average journey at 100 miles was down slightly from the 105 miles in 1962 and the average revenue per passenger-mile dropped to 2.880 cents from 3.005

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RAILWAY FINANCIAL OPERATING STATISTICS  
Year 1963

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1963	1962 <sup>†</sup>	1963	1962	1963	1962
	dollars					
<b>RAILWAY</b>						
Operating revenues:						
Freight .....	1,066,485,083	1,018,696,962	513,620,873	495,594,931	419,321,731	393,494,458
Passenger .....	59,532,268	60,608,385	31,434,203	31,219,538	24,968,321	26,080,899
Sleeping and parlour car .....	8,381,417	8,841,354	4,339,398	4,548,663	3,715,789	3,907,692
Mail .....	15,947,759	16,333,489	9,149,791	9,643,448	5,143,988	5,111,956
Express .....	14,738,382	17,502,356	7,995,098	9,856,797	5,098,968	5,927,826
Switching .....	6,714,603	7,222,307	3,012,851	3,457,482	1,915,896	2,101,641
Incidental .....	34,076,269	32,059,900	16,077,093	14,772,398	15,993,647	15,525,419
All other .....	3,237,751	2,860,925	863,075	873,356	1,737,462	1,612,057
Totals .....	1,209,113,532	1,164,125,678	586,492,382	569,966,613	477,895,802	453,761,948
Operating expenses:						
Road maintenance .....	242,734,428	239,566,796	130,745,419	130,199,020	82,911,730	80,603,033
Equipment maintenance .....	259,082,510	249,647,600	136,468,183	133,170,912	101,743,646	96,825,009
Traffic .....	30,596,979	29,026,436	15,680,777	14,651,104	13,058,639	12,606,075
Transportation (railway line) .....	427,071,227	424,291,148	223,089,500	223,126,584	165,484,098	162,324,154
Miscellaneous railway operations .	14,702,066	13,476,328	6,580,576	5,827,358	7,769,285	7,295,986
General .....	105,780,689	102,198,540	58,408,364	55,372,547	38,761,172	37,734,368
Equipment rents .....	280,397	1,761,404	Cr. 6,016,124	Cr. 5,861,646	Cr. 3,180,595	Cr. 2,019,587
Joint facility rents .....	2,383,667	2,385,883	Cr. 230,526	Cr. 337,211	1,572,249	1,535,262
Railway tax accruals .....	65,231,618	57,890,836	15,993,725	15,866,359	34,341,184(1)	27,704,627
Totals .....	1,147,853,581	1,120,244,971	580,719,894	572,015,027	442,461,408	424,608,927
Net railway operating income .....	61,249,951	43,880,707	5,772,488	Dr. 2,048,414	35,434,394	29,153,021

(1) Includes \$12,400,000 provision for Income Tax not included in monthly reports.  
<sup>†</sup> Revised figures.

RAIL FINANCIAL OPERATING STATISTICS  
Year 1963

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1963	1962 <sup>†</sup>	1963	1962	1963	1962
	dollars					
<b>RAIL</b>						
Operating revenues:						
Railway .....	1,209,113,532	1,164,125,678	586,492,382	569,966,613	477,895,802	453,761,948
Express .....	58,813,112	60,780,330	37,198,030	36,714,607	21,379,248	23,827,652
Commercial communications .....	60,475,111	60,035,093	37,169,000	36,702,000	19,105,064	19,268,063
Highway transport (rail) .....	9,618,420	7,201,069	9,256,932	6,865,000	240,932	229,779
Totals .....	1,338,020,175	1,292,142,170	670,116,344	650,248,220	518,621,046	497,087,442
Operating expenses:						
Railway .....	1,147,863,581	1,120,244,971	580,719,894	572,015,027	442,461,408	424,608,927
Express .....	58,097,414	60,076,456	36,624,628	36,154,552	21,231,948	23,680,952
Commercial communications .....	53,507,815	52,205,202	32,660,113	31,440,589	17,966,015	17,897,935
Highway transport (rail) .....	9,148,538	6,693,925	8,802,163	6,351,810	213,618	223,140
Totals .....	1,268,617,348	1,239,220,554	658,806,798	645,961,978	481,872,989	466,410,954
Net rail operating income:						
Railway .....	61,249,951	43,880,707	5,772,488	Dr. 2,048,414	35,434,394	29,153,021
Express .....	715,698	703,874	573,402	560,055	147,300	146,700
Commercial communications .....	6,967,296	7,829,891	4,508,887	5,261,411	1,139,049	1,370,128
Highway transport (rail) .....	469,882	507,144	454,769	513,190	27,314	6,639
Totals .....	69,402,827	52,921,616	11,309,546	4,286,242	36,748,057	30,676,488

<sup>†</sup> Revised figures.

RAIL FINANCIAL OPERATING STATISTICS  
Year 1963

Railway	Operating revenues		Operating expenses		Net rail operating income	
	1963	1962 <sup>r</sup>	1963	1962 <sup>r</sup>	1963	1962 <sup>r</sup>
dollars						
Algoma Central & Hudson Bay Railway Co. ....	9,678,034	8,309,341	8,155,089	7,149,874	1,522,945	1,159,467
Alma & Jonquieres Railway Co. ....	585,110	553,184	527,221	507,447	57,889	45,737
British Columbia Hydro and Power Authority .....	4,379,796	3,797,824	2,379,916	2,160,809	1,999,880	1,637,015
Canada Southern Railway Co. (Michigan Central) .....	17,697,765	18,017,942	15,721,484	16,400,533	1,976,281	1,617,409
Canadian National Railways .....	670,116,344	650,248,220	658,806,798	645,961,978	11,309,546	4,286,242
Canadian Pacific Railway Co. ....	518,621,046	497,087,442	481,872,989	466,410,954	36,748,057	30,676,488
Chesapeake & Ohio Railway Co. ....	13,882,587	13,007,827	11,870,928	12,008,095	2,011,659	999,732
Cumberland Railway Co. ....	3,254,094	3,461,182	3,300,515	3,287,103	Dr. 46,421	174,079
Essex Terminal Railway Co. ....	752,445	770,144	654,878	669,668	97,567	100,476
Grand Falls Central Railway Co. ....	1,612,331	1,373,875	1,078,900	985,332	533,431	388,543
Great Northern Railway Co. ....	2,001,976	2,216,928	2,140,230	2,170,703	Dr. 138,254	46,225
Midland Railway of Manitoba .....	584,109	543,018	1,304,403	1,367,062	Dr. 720,294	Dr. 824,044
Napierville Junction Railway Co. ....	964,804	948,025	1,020,779	1,028,953	Dr. 55,975	Dr. 80,928
Northern Alberta Railways Co. ....	8,622,191	8,360,067	8,164,947	8,428,864	457,244	Dr. 68,797
Ontario Northland Railway Co. ....	14,429,705	14,399,842	14,390,927	13,486,201	38,778	913,641
Pacific Great Eastern Railway Co. ....	17,079,242	14,112,472	11,095,533	10,127,964	5,983,709	3,984,508
Quebec North Shore & Labrador Railway Co. ....	33,580,256	34,798,777	25,453,100	26,218,071	8,127,156	8,580,706
Roberval & Saguenay Railway Co. ....	2,759,274	2,582,235	2,297,900	2,165,790	461,374	416,445
St. Lawrence & Adirondack Railway Co. ....	860,810	1,015,595	922,847	1,090,409	Dr. 62,037	Dr. 74,814
Toronto, Hamilton & Buffalo Railway Co. ....	4,598,977	4,144,456	4,346,491	3,950,043	252,486	194,413
Wabash Railroad Company .....	10,554,648	10,937,515	12,017,697	12,491,578	Dr. 1,463,049	Dr. 1,554,063
White Pass & Yukon Route (lines in Canada) .....	1,404,631	1,456,259	1,093,776	1,153,123	310,855	303,136
Totals .....	1,338,020,175	1,292,142,170	1,268,617,348	1,239,220,554	69,402,827	52,921,616

<sup>r</sup> Revised figures.

RAIL FINANCIAL OPERATING STATISTICS  
Comparative Summary, 1959-63

RAIL	Total 22 class 1 and 2 railways				
	1959	1960	1961	1962 <sup>r</sup>	1963
dollars					
Operating revenues:					
Railway .....	1,222,062,671	1,150,240,822	1,155,200,432	1,164,125,678	1,209,113,532
Express .....	60,551,736	58,413,486	60,485,646	60,780,330	58,813,112
Commercial communications .....	48,211,022	52,155,301	55,158,074	60,035,093	60,475,111
Highway transport (rail) .....	4,248,997	4,656,613	5,082,695	7,201,069	9,618,420
Totals .....	1,335,074,426	1,265,466,222	1,275,926,847	1,292,142,170	1,338,020,175
Operating expenses:					
Railway .....	1,164,658,532	1,108,668,032	1,113,744,856	1,120,244,971	1,147,863,581
Express .....	59,973,210	57,792,114	59,937,348	60,076,456	58,097,414
Commercial communications .....	41,705,267	43,875,507	48,632,012	52,205,202	53,507,815
Highway transport (rail) .....	4,232,066	4,579,016	4,619,815	6,693,925	9,148,538
Totals .....	1,270,569,075	1,214,914,669	1,226,934,031	1,239,220,554	1,268,617,348
Net rail operating income:					
Railway .....	57,404,139	41,572,790	41,455,576	43,880,707	61,249,951
Express .....	578,526	621,372	548,298	703,874	715,698
Commercial communications .....	6,505,755	8,279,794	6,526,062	7,829,891	6,967,296
Highway transport (rail) .....	16,931	77,597	462,880	507,144	469,882
Totals .....	64,505,351	50,551,553	48,992,816	52,921,616	69,402,827

<sup>r</sup> Revised figures.





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RAILWAY OPERATING STATISTICS  
Year 1963

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1963	1962 <sup>r</sup>	1963	1962	1963	1962
Miles of road operated (monthly average) ...	44,343.05	44,448.47	23,068.12	23,089.73	16,741.60	16,823.30
Freight traffic:						
Tons carried - Revenue freight(1) .....	185,877,125	176,837,642	74,183,958	69,280,283	59,254,103	57,640,764
Ton-miles - Revenue freight .....	74,217,322	66,949,157	36,729,851	32,360,975	29,134,471	26,059,945
Ton-miles - Revenue and non-revenue freight .....	76,044,373	68,697,926	37,800,969	33,355,415	29,803,812	26,733,249
(000)						
Passenger traffic:						
Revenue passengers(1) .....	20,621,082	19,245,174	12,750,412	11,621,368	6,748,859	6,439,836
Revenue passenger-miles .....	2,067,226	2,016,876	1,115,369	1,051,684	839,356	844,578
(000)						
Gross ton-miles:						
Freight train .....	159,903,838	147,965,996	80,537,613	72,967,918	62,422,278	57,647,286
Passenger train .....	18,280,105	18,577,685	10,836,797	11,143,612	6,266,765	6,228,335
Totals .....	178,183,943	166,543,681	91,374,410	84,111,530	68,689,043	63,875,621
(000)						
Train-miles:						
Freight service .....	62,276,034	59,970,538	32,399,424	30,987,927	24,198,405	23,219,395
Passenger service .....	28,045,351	29,176,580	15,907,974	16,905,636	9,942,441	10,098,172
Work service .....	2,296,475	2,060,650	1,765,820	1,592,487	265,231	212,542
Totals .....	92,617,860	91,207,768	50,073,218	49,486,050	34,406,077	33,530,109
(000)						
Car-miles:						
Freight:						
Loaded .....	2,093,789,087	1,997,064,894	1,074,152,690	1,007,696,141	830,765,130	795,249,038
Empty .....	1,282,874,924	1,180,990,987	667,425,199	604,628,349	478,446,003	437,403,774
Caboose .....	65,693,520	62,950,870	33,343,558	31,784,542	26,668,043	25,378,635
Totals .....	3,442,357,531	3,241,006,751	1,774,921,447	1,644,109,032	1,335,879,176	1,258,031,447
Passenger .....	285,506,775	296,533,438	168,494,985	178,728,258	97,795,846	98,148,469
Total transportation service .....	3,727,864,306	3,537,540,189	1,943,416,432	1,822,837,290	1,433,675,022	1,356,179,916
(2)			69,672			
Number of employees - Railway .....	131,687	134,842	71,782	74,424	50,756	51,001
Payroll - Railway .....	\$ 645,471,637	\$ 637,611,775	\$ 349,747,979	\$ 347,640,608	\$ 245,141,350	\$ 239,023,640
Payroll chargeable to railway operating expenses .....	\$ 597,472,578	\$ 585,833,393	\$ 321,871,658	\$ 315,199,173	\$ 228,004,994	\$ 223,156,459

See footnotes below.

RAILWAY OPERATING STATISTICS  
Year 1963

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1963	1962 <sup>r</sup>	1963	1962	1963	1962
Averages per day per mile of road operated:						
Operating revenues .....	\$ 74.70	\$ 71.75	\$ 69.66	\$ 67.63	\$ 78.21	\$ 73.90
Operating expenses .....	\$ 70.92	\$ 69.05	\$ 68.97	\$ 67.87	\$ 72.41	\$ 69.15
Ton-miles - Revenue freight .....	4,585	4,127	4,362	3,840	4,768	4,244
Ton-miles - All freight .....	4,698	4,234	4,489	3,958	4,877	4,354
Passenger-miles - Revenue .....	128	124	132	125	137	138
Averages per freight train mile:						
Freight revenue .....	\$ 17.13	\$ 16.99	\$ 15.85	\$ 15.99	\$ 17.33	\$ 16.95
Tons carried - Revenue freight .....	1,192	1,116	1,134	1,044	1,204	1,122
Tons carried - All freight .....	1,221	1,146	1,167	1,076	1,232	1,151
Freight cars - Loaded .....	33.6	33.3	33.2	32.5	34.3	34.2
Freight cars - Empty .....	20.6	19.7	20.6	19.5	19.8	18.8
Averages per passenger train mile:						
Passengers carried .....	74	69	70	62	84	84
Passenger cars .....	10.2	10.2	10.6	10.6	9.8	9.7
Miscellaneous averages:						
Operating expense per train-mile .....	\$ 12.39	\$ 12.28	\$ 11.60	\$ 11.56	\$ 12.86	\$ 12.66
Miles hauled - Revenue freight .....	399	379	495	467	492	452
Miles carried - Revenue passengers .....	100	105	87	90	124	131
Tons carried per loaded freight-car-mile .....	36.3	34.4	35.2	33.1	35.9	33.6
Revenue per ton-mile of freight .....	\$ 1.437	\$ 1.522	\$ 1.398	\$ 1.531	\$ 1.439	\$ 1.518
Revenue per passenger per mile .....	\$ 2.880	\$ 3.005	\$ 2.818	\$ 2.969	\$ 2.975	\$ 3.086
Ratio of operating payroll to operating revenues %	49.41	50.32	54.88	55.30	47.71	49.18
Ratio of operating expenses to operating revenues %	94.93	96.23	99.02	100.36	92.59	93.88

(1) Includes traffic handled by more than one road.

(2) Reflects an average level of employment derived from the total of the number of employees who worked seven days or more each semi-monthly pay period divided by two, plus all persons on monthly payrolls. The original procedure is based on a count taken on the 15th day of each month.

<sup>r</sup> Revised figures.