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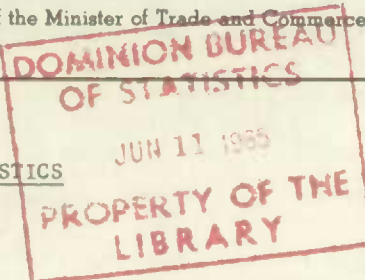
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RAILWAY OPERATING STATISTICS

YEAR 1964



Financial and operating statistics presented in this report are based on cumulative monthly returns relating to the period January 1 to December 31, 1964. Revisions not appearing in figures published for each month are included herein. The railways comprising this publication include the Canadian National Railways, the Canadian Pacific Railway Company (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 and 4) whose operations represent about one per cent of all common carrier companies.

Financial Statistics

Total railway operating revenues in 1964 increased 8.8 per cent to \$1,322,822,497 from the previous year. Operating expenses increased to a lesser degree, rising 7.6 per cent to \$1,242,230,763 resulting in a net operating income of \$80,591,734 as compared to \$61,305,961 a year earlier. Railway operating expenses for 1964 amounted to 93.91 cents per dollar of revenue.

The Canadian National Railways reported an 8.9 per cent increase in operating revenues to \$645,446,297 from 1963. Operating expenses rose 7.8 per cent to \$632,929,163 resulting in a net operating income of \$12,517,134 in comparison with \$5,833,004 in 1963. The Canadian Pacific Railway Company also reported an increase in operating revenues, up 6.9 per cent to \$510,711,693. Operating expenses rose 5.6 per cent to \$467,090,673 and as a result, the net operating income was up to \$43,621,020 from \$35,434,394. These figures do not include any provision for fixed charges.

Rail operating revenues, comprising railway, express, commercial communications and highway transport (rail) services totalled \$1,452,996,912 in contrast to \$1,338,015,132. Operating expenses increased 7.6 per cent to \$1,364,555,245 while the net rail operating income rose to \$88,441,667 from \$69,398,321 in 1963.

Operating Statistics

Revenue freight carried by rail, increased 12.5 per cent to 209,505,311 in 1964 over 1963 and generally reflected the increased economic activity and the effects of the heavy export grain movement. The number of ton-miles rose 14.5 per cent to 84,953,330,000 and as a result the average length of haul was up to 405 from 398 miles. The average revenue per ton-mile of freight dropped slightly to 1.375 cents from 1.445 probably because of increased volume of low-rated traffic such as grain.

The number of passengers carried continued an upward trend in 1964 increasing 11.1 per cent over the previous year to 22.9 million. Passenger-miles increased to 2,680.6 million from 2,067.3. The average journey at 117 miles was up from 100 miles in 1963 while the average revenue per passenger-mile dropped to 2.377 cents from 2.879.

Public Finance and Transportation Division
Transportation Section

June 1965
8504-533

RAILWAY FINANCIAL OPERATING STATISTICS

Year 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 [†]	1964	1963 [†]	1964	1963
	dollars					
RAILWAY						
Operating revenues:						
Freight	1,168,297,227	1,072,749,579	564,119,000(1)	519,884,529(1)	449,174,898(1)	419,321,731(1)
Passenger	63,730,643	59,523,468	35,791,501	31,434,203	24,996,914	24,968,321
Sleeping and parlour car	8,857,891	8,381,417	4,715,366	4,339,398	3,859,261	3,715,789
Mail	16,191,212	15,947,759	8,940,224	9,149,791	5,059,415	5,143,988
Express	14,889,618	14,738,382	8,557,594	7,995,098	4,415,713	5,098,968
Switching	7,615,135	6,714,603	3,076,738	3,012,851	2,648,388	1,915,896
Incidental	39,901,147	34,083,046	19,181,538	16,077,093	18,905,431	15,993,647
All other	3,339,624	3,233,891	1,064,336	863,075	1,651,673	1,737,462
Totals	1,322,822,497	1,215,372,145	645,446,297	592,756,038	510,711,693	477,895,802
Operating expenses:						
Road maintenance	248,868,010	242,736,344	135,103,834	130,745,419	82,550,923	82,911,730
Equipment maintenance	276,990,369	260,166,391	150,439,640	137,556,936	102,412,284	101,743,646
Traffic	32,388,296	30,595,966	17,363,998	15,680,777	12,901,623	13,058,639
Transportation (railway line)	467,163,699	431,827,220	248,210,971	227,842,373	177,333,037	165,484,098
Miscellaneous railway operations .	19,444,057	14,702,141	9,925,079	6,580,576	9,149,464	7,769,285
General	110,504,586	105,780,690	61,026,146	58,408,364	39,786,634	38,761,172
Equipment rents	4,647,507	280,397	Cr. 3,222,212	Cr. 6,016,124	Cr. 2,984,817	Cr. 3,180,595
Joint facility rents	2,044,123	2,383,667	Cr. 444,030	Cr. 230,526	1,519,683	1,572,249
Railway tax accruals	80,180,116	65,593,368	14,525,737	16,355,239	44,421,842	34,341,184
Totals	1,242,230,763	1,154,066,184	632,929,163	586,923,034	467,090,673	442,461,408
Net railway operating income	80,591,734	61,305,961	12,517,134	5,833,004	43,621,020	35,434,394

(1) Includes payments related to the recommendations of the MacPherson Royal Commission and under the Freight Rate Reduction Act.

[†] Revised figures.

RAIL FINANCIAL OPERATING STATISTICS

Year 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 [†]	1964	1963 [†]	1964	1963
	dollars					
RAIL						
Operating revenues:						
Railway	1,322,822,497	1,215,372,145	645,446,297	592,756,038	510,711,693	477,895,802
Express	61,130,393	58,813,112	37,156,541	37,198,030	23,735,589	21,379,248
Commercial communications	65,045,158	60,475,111	39,852,000	37,169,000	20,195,635	19,105,064
Highway transport (rail)	3,998,864	3,354,764	3,556,265	2,993,276	252,229	240,932
Totals	1,452,996,912	1,338,015,132	726,011,103	670,116,344	554,895,146	518,621,046
Operating expenses:						
Railway	1,242,230,763	1,154,066,184	632,929,163	586,923,034	467,090,673	442,461,408
Express	60,497,187	58,097,414	36,663,496	36,624,628	23,588,589	21,231,948
Commercial communications	58,505,837	53,507,815	36,296,309	32,660,113	19,061,607	17,966,015
Highway transport (rail)	3,321,458	2,945,398	2,905,215	2,599,023	228,874	213,618
Totals	1,364,555,245	1,268,616,811	708,794,183	658,806,798	509,969,743	481,872,989
Net rail operating income:						
Railway	80,591,734	61,305,961	12,517,134	5,833,004	43,621,020	35,434,394
Express	633,206	715,698	493,045	573,402	147,000	147,300
Commercial communications	6,539,321	6,967,296	3,555,691	4,508,887	1,134,028	1,139,049
Highway transport (rail)	677,406	409,366	651,050	394,253	23,355	27,314
Totals	88,441,667	69,398,321	17,216,920	11,309,546	44,925,403	36,748,057

[†] Revised figures.

RAIL FINANCIAL OPERATING STATISTICS
Year 1964

Railway	Operating revenues		Operating expenses		Net rail operating income	
	1964	1963 [†]	1964	1963 [†]	1964	1963 [†]
dollars						
Algoma Central & Hudson Bay Railway Co.	10,360,388	9,678,034	8,672,432	8,155,089	1,687,956	1,522,945
Alma & Jonquieres Railway Co.	616,158	585,110	563,243	527,221	52,915	57,889
British Columbia Hydro and Power Authority	4,824,146	4,379,796	2,625,200	2,379,916	2,198,946	1,999,880
Canada Southern Railway Co. (Michigan Central)	23,392,305	17,697,765	18,655,654	15,721,484	4,736,651	1,976,281
Canadian National Railways	726,011,103	670,116,344	708,794,183	658,806,798	17,216,920	11,309,546
Canadian Pacific Railway Co.	554,895,146	518,621,046	509,969,743	481,872,989	44,925,403	36,748,057
Chesapeake & Ohio Railway Co.	14,194,531	13,882,587	12,302,993	11,870,928	1,891,538	2,011,659
Cumberland Railway Co.	3,126,409	3,254,094	3,229,177	3,300,515	Dr. 102,768	Dr. 46,421
Essex Terminal Railway Co.	773,723	752,445	690,366	654,878	83,357	97,567
Grand Falls Central Railway Co.	1,618,523	1,612,331	1,085,500	1,078,900	533,023	533,431
Great Northern Railway Co.	2,047,221	2,001,976	2,147,711	2,140,230	Dr. 100,490	Dr. 138,254
Midland Railway of Manitoba	627,122	584,109	1,141,438	1,304,403	Dr. 514,316	Dr. 720,294
Napierville Junction Railway Co.	905,099	964,804	894,520	1,020,779	10,579	Dr. 55,975
Norfolk and Western Railway Company (formerly Wabash Railroad Co.)	11,616,413	10,554,648	12,974,787	12,017,697	Dr. 1,358,374	Dr. 1,463,049
Northern Alberta Railways Co.	9,538,068	8,622,191	8,331,672	8,164,947	1,206,396	457,244
Ontario Northland Railway Co.	15,083,623	14,429,705	15,075,821	14,390,927	7,802	38,778
Pacific Great Eastern Railway Co.	18,404,536	17,079,242	12,872,097	11,095,533	5,532,439	5,983,709
Quebec North Shore & Labrador Railway Co.	44,198,738	33,580,256	34,967,118	25,453,100	9,231,620	8,127,156
Roberval & Saguenay Railway Co.	3,126,818	2,759,274	2,520,112	2,297,900	606,706	461,374
St. Lawrence & Adirondack Railway Co.	954,397	860,810	917,621	922,847	36,776	Dr. 62,037
Toronto, Hamilton & Buffalo Railway Co.	5,484,446	4,598,977	4,998,467	4,346,491	485,979	252,486
White Pass & Yukon Route (lines in Canada)	1,197,999	1,399,588	1,125,390	1,093,239	72,609	306,349
Totals	1,452,996,912	1,338,015,132	1,364,555,245	1,268,616,811	88,441,667	69,398,321

[†] Revised figures.

RAIL FINANCIAL OPERATING STATISTICS
Comparative Summary, 1960-1964

RAIL	Total 22 class 1 and 2 railways				
	1960	1961	1962	1963 [†]	1964
Operating revenues:					
Railway	1,150,240,822	1,155,200,432	1,164,125,678	1,215,372,145	1,322,822,497
Express	58,413,486	60,485,646	60,780,330	58,813,112	61,130,393
Commercial communications	52,155,301	55,158,074	60,035,093	60,475,111	65,045,158
Highway transport (rail)	4,656,613	5,082,695	7,201,069	3,354,764	3,998,864
Totals	1,265,466,222	1,275,926,847	1,292,142,170	1,338,015,132	1,452,996,912
Operating expenses:					
Railway	1,108,668,032	1,113,744,856	1,120,244,971	1,154,066,184	1,242,230,763
Express	57,792,114	59,937,348	60,076,456	58,097,414	60,497,187
Commercial communications	43,875,507	48,632,012	52,205,202	53,507,815	58,505,837
Highway transport (rail)	4,579,016	4,619,815	6,693,925	2,945,398	3,321,458
Totals	1,214,914,669	1,226,934,031	1,239,220,554	1,268,616,811	1,364,555,245
Net rail operating income:					
Railway	41,572,790	41,455,576	43,880,707	61,305,961	80,591,734
Express	621,372	548,298	703,874	715,698	633,206
Commercial communications	8,279,794	6,526,062	7,829,891	6,967,296	6,539,321
Highway transport (rail)	77,597	462,880	507,144	409,366	677,406
Totals	50,551,553	48,992,816	52,921,616	69,398,321	88,441,667

[†] Revised figures.



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RAILWAY OPERATING STATISTICS
Year 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 [†]	1964	1963	1964	1963 [†]
Miles of road operated (monthly average)	44,265.06	44,347.96	23,042.65	23,068.12	16,684.60	16,741.60
Freight traffic:						
Tons carried - Revenue freight(1)	209,505,311	186,270,640	82,645,587	74,183,958	66,362,475	59,254,103
Ton-miles - Revenue freight	84,953,330	74,218,283	40,880,366	36,729,851	33,929,696	29,134,471
Ton-miles - Revenue and non-revenue freight	86,721,073	76,046,295	41,887,071	37,800,969	34,581,092	29,803,812
Passenger traffic:						
Revenue passengers(1)	22,910,928	20,621,119	14,826,362	12,750,412	6,997,202	6,748,859
Revenue passenger-miles	2,680,615	2,067,252	1,539,147	1,115,369	1,023,475	839,356
Gross ton-miles:						
Freight train	179,649,563	159,668,270	88,513,998	80,537,613	71,069,475	62,183,933
Passenger train	20,110,585	18,518,302	12,211,872	10,836,797	6,745,074	6,505,110
Totals	199,760,148	178,186,572	100,725,870	91,374,410	77,814,549	68,689,043
Train-miles:						
Freight service	66,709,735	62,278,229	34,764,373	32,399,424	25,693,913	24,198,405
Passenger service	28,603,043	28,045,961	17,174,972	15,907,974	9,351,310	9,942,441
Work service	1,924,253	2,301,745	1,512,008	1,765,820	133,525	265,231
Totals	97,237,031	92,625,935	53,451,353	50,073,218	35,178,748	34,406,077
Car-miles:						
Freight:						
Loaded	2,288,569,811	2,093,823,013	1,155,988,452	1,074,152,690	913,505,107	830,765,130
Empty	1,423,682,608	1,282,912,362	721,314,153	667,425,199	545,479,411	478,446,003
Cabooses	71,105,452	65,687,165	36,676,537	33,343,558	28,108,597	26,668,043
Totals	3,783,357,871	3,442,422,540	1,913,979,142	1,774,921,447	1,487,093,115	1,335,879,176
Passenger	314,150,896	289,840,554	186,884,789	168,494,985	102,712,823	97,795,846
Total transportation service	4,097,508,767	3,732,263,094	2,100,863,931	1,943,416,432	1,589,805,938	1,433,675,022
Number of employees - Railway	^{134,130} 3,047,716	^{131,665} 2,867,360	73,853	71,782	51,128	50,756
Payroll - Railway	696,820,949	642,788,102	390,050,199	349,747,979	256,526,649	245,141,350
Payroll chargeable to railway operating expenses	^{649,784,535} 645,992,681	^{645,523,797} 597,436,208	358,449,632	321,871,658	238,184,594	228,004,994

(1) Includes traffic handled by more than one road.
[†] Revised figures.

RAILWAY OPERATING STATISTICS
Year 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 [†]	1964	1963 [†]	1964	1963
Averages per day per mile of road operated:						
Operating revenues	\$ 81.65	75.08	76.53	70.40	83.63	78.21
Operating expenses	\$ 76.68	71.29	75.05	69.71	76.49	72.41
Ton-miles - Revenue freight	5,244	4,585	4,847	4,362	5,556	4,768
Ton-miles - All freight	5,354	4,698	4,967	4,489	5,663	4,877
Passenger-miles - Revenue	165	128	183	132	168	137
Averages per freight train mile:						
Freight revenue	\$ 17.51	17.23	16.23	16.05	17.48	17.33
Tons carried - Revenue freight	1,273	1,192	1,176	1,134	1,321	1,204
Tons carried - All freight	1,300	1,221	1,205	1,167	1,346	1,232
Freight cars - Loaded	34.3	33.6	33.3	33.2	35.6	34.3
Freight cars - Empty	21.3	20.6	20.7	20.6	21.2	19.8
Averages per passenger train mile:						
Passengers carried	94	74	90	70	109	84
Passenger cars	11.0	10.3	10.9	10.6	11.0	9.8
Miscellaneous averages:						
Operating expense per train-mile	\$ 12.78	12.46	11.84	11.72	13.28	12.86
Miles hauled - Revenue freight	405	398	495	495	511	492
Miles carried - Revenue passengers	117	100	104	87	146	124
Tons carried per loaded freight-car-mile	37.9	36.3	36.2	35.2	37.9	35.9
Revenue per ton-mile of freight	£ 1.375	1.445	1.380	1.415	1.324	1.439
Revenue per passenger per mile	£ 2.377	2.879	2.325	2.818	2.442	2.975
Ratio of operating payroll to operating revenues	% 48.83	49.16	55.54	54.30	46.64	47.71
Ratio of operating expenses to operating revenues	% 93.91	94.96	98.06	99.02	91.46	92.59

[†] Revised figures.