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RAILWAY OPERATING STATISTICS

AUGUST 1964

DOMINION BUREAU
OF STATISTICS

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Presented in this report are the August 1964 financial statistics and the July 1964 traffic results of class 1 and 2 railways (the C.N.R., C.P.R. and other lines having average gross revenues of \$500,000 or more annually). Excluded are details of class 3 and 4 roads (those with revenues of less than \$500,000) whose operations represent about one per cent of all common carrier railways.

While traffic statistics of the Cartier Railway Company are being included in certain other rail transport reports, they are omitted from this series because relative financial data is not available.

Financial Statistics

Total Canadian railway operating revenues in August 1964 increased 12.1 per cent to \$112,163,989 from the preceding year. Operating expenses rose to a lesser degree, increasing 9.7 per cent to \$104,600,911. This resulted in a net operating income of \$7,563,078 as compared to \$4,724,026 in the same month of 1963. August 1964 railway operating expenses amounted to 93.25 cents per dollar of revenue.

The Canadian National Railways reported a 9.7 per cent increase in operating revenues to \$55,181,898 and a 10.6 per cent rise in operating expenses to \$53,103,107, leaving a net operating income of \$2,078,791 as compared to \$476,920 a year earlier. The Canadian Pacific Railway Company reported an 8.4 per cent increase in revenues to \$41,009,800, and a 5.8 per cent increase in operating expenses to \$38,203,977. The C.P.R. net operating income totalled \$2,805,823, up from \$1,710,270 in August 1963.

Rail operating revenues, comprising railway, express, commercial communications and highway transport (rail) services rose 10.3 per cent to \$122,398,338. Operating expenses were higher by 8.7 per cent, rising to \$114,802,328 and, as a result, the net rail operating income increased to \$7,596,010 as against \$5,393,208 in the preceding year.

Traffic Statistics

During July 1964, the railways carried 19.2 million tons of revenue freight, up 15.0 per cent from the same period in 1963. For a more complete analysis and provincial breakdown of commodity statistics see the monthly series entitled "Freight Traffic" catalogue number 52-002. The number of ton-miles in July rose 21.8 per cent to 7,597 million and the average length of haul increased to 396 miles from 374. The average revenue per ton-mile of freight dropped to 1.312 cents from 1.431. The number of passengers carried during the month of July rose 12.7 per cent to 2,061 thousand and passenger-miles increased 26.5 per cent to 325 million. The average passenger journey rose to 158 miles from 140 while the average revenue earned per passenger-mile dropped to 2.430 cents from 2.782.

Public Finance and Transportation Division
Transportation Section

December 1964
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RAILWAY FINANCIAL OPERATING STATISTICS

August 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 ^r	1964	1963	1964	1963 ^r
	dollars					
RAILWAY						
Operating revenues:						
Freight	96,491,947	86,510,467	46,490,806(1)	41,129,338(2)	35,230,544(1)	32,691,022(2)
Passenger	7,296,388	6,881,605	4,259,688	3,917,703	2,599,786	2,555,052
Sleeping and parlour car	778,786	948,744	270,549	427,179	484,523	496,792
Mail	1,634,912	1,187,584	1,076,888	673,528	384,591	397,387
Express	1,168,693	1,064,081	787,936	541,532	224,124	405,281
Switching	515,403	538,689	170,156	244,760	175,705	137,959
Incidental	3,888,443	2,467,628	1,953,045	1,363,563	1,755,921	932,757
All other	389,417	470,084	172,830	191,807	154,606	209,581
Totals	112,163,989	100,068,882	55,181,898	48,489,410	41,009,800	37,825,831
Operating expenses:						
Road maintenance	22,121,770	21,689,008	12,290,928	11,790,992	6,750,262	7,149,792
Equipment maintenance	19,992,267	18,933,327	10,427,482	9,830,423	7,538,942	7,389,144
Traffic	2,679,182	2,416,225	1,396,860	1,150,664	1,105,684	1,119,103
Transportation (railway line)	39,193,701	35,737,352	21,351,692	18,994,772	14,396,990	13,542,255
Miscellaneous railway operations .	2,293,140	1,609,029	1,209,981	719,229	1,042,110	853,790
General	9,286,275	8,815,577	5,257,115	4,871,266	3,257,408	3,205,796
Equipment rents	569,800	Cr. 214,913	Cr. 113,536	Cr. 662,572	Cr. 298,179	Cr. 280,637
Joint facility rents	202,912	139,177	Cr. 9,670	Cr. 44,331	129,660	90,018
Railway tax accruals	8,261,864	6,220,074	1,292,255	1,362,047	4,281,100	3,046,300
Totals	104,600,911	95,344,856	53,103,107	48,012,490	38,203,977	36,115,561
Net railway operating income	7,563,078	4,724,026	2,078,791	476,920	2,805,823	1,710,270

- (1) Includes accruals related to the recommendation of the MacPherson Royal Commission and under the Freight Rate Reduction Act.
 (2) Includes payments related to the recommendations of the MacPherson Royal Commission and under the Freight Rate Reduction Act.
^r Revised figures.

RAIL FINANCIAL OPERATING STATISTICS

August 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 ^r	1964	1963	1964	1963 ^r
	dollars					
RAIL						
Operating revenues:						
Railway	112,163,989	100,068,882	55,181,898	48,489,410	41,009,800	37,825,831
Express	4,807,853	4,960,270	2,893,412	3,253,941	1,893,644	1,685,654
Commercial communications	5,373,257	5,087,098	3,307,000	3,100,000	1,635,348	1,591,252
Highway transport (rail)	53,239	898,153	(1)	855,683	26,739	27,420
Totals	122,398,338	111,014,403	61,382,310	55,699,034	44,565,531	41,130,157
Operating expenses:						
Railway	104,600,911	95,344,856	53,103,107	48,012,490	38,203,977	36,115,561
Express	4,762,483	4,913,257	2,861,890	3,211,741	1,879,228	1,680,674
Commercial communications	4,946,866	4,547,301	3,079,920	2,809,975	1,591,062	1,506,498
Highway transport (rail)	492,068	815,781	452,391(2)	783,326	20,656	21,817
Totals	114,802,328	105,621,195	59,497,308	54,817,532	41,694,923	39,324,550
Net rail operating income:						
Railway	7,563,078	4,724,026	2,078,791	476,920	2,805,823	1,710,270
Express	45,370	47,013	31,522	42,200	14,416	4,980
Commercial communications	426,391	539,797	227,080	290,025	44,286	84,754
Highway transport (rail)	Dr. 438,829	82,372	Dr. 452,391	72,357	6,083	5,603
Totals	7,596,010	5,393,208	1,885,002	881,502	2,870,608	1,805,607

- (1) Transferred to Railway accounts (Freight) following physical integration of highway transport (rail) and l.c.l. freight operations, effective January 1, 1964.
 (2) Not similarly cleared to railway accounts as yet.
^r Revised figures.

RAIL FINANCIAL OPERATING STATISTICS

August 1964

Railway	Operating revenues		Operating expenses		Net rail operating income	
	1964	1963 ^r	1964	1963 ^r	1964	1963 ^r
dollars						
Algoma Central & Hudson Bay Railway Co.	837,793	816,134	698,414	675,930	139,379	140,204
Alma & Jonquieres Railway Co.	52,161	47,537	44,892	40,745	7,269	6,792
British Columbia Hydro and Power Authority	317,416	337,984	226,718	203,249	90,698	134,735
Canada Southern Railway Co. (Michigan Central)(1)	1,900,101	1,118,718	1,553,237	1,263,700	346,864	Dr. 144,982
Canadian National Railways	61,382,310	55,699,034	59,497,308	54,817,532	1,885,002	881,502
Canadian Pacific Railway Co.	44,565,531	41,130,157	41,694,923	39,324,550	2,870,608	1,805,607
Chesapeake & Ohio Railway Co.	1,141,756	947,020	974,551	953,957	167,205	Dr. 6,937
Cumberland Railway Co.	137,235	163,839	197,739	222,684	Dr. 60,504	Dr. 58,845
Essex Terminal Railway Co.	51,957	47,350	52,830	45,876	Dr. 873	1,474
Grand Falls Central Railway Co.	169,683	148,593	110,117	98,024	59,566	50,569
Great Northern Railway Co. (2)	215,613	172,614	209,427	175,886	6,186	Dr. 3,272
Midland Railway of Manitoba(2)	57,799	62,923	100,844	119,791	Dr. 43,045	Dr. 56,868
Napierville Junction Railway Co.	75,046	79,443	73,014	83,182	2,032	Dr. 3,739
Northern Alberta Railways Co.	714,172	914,467	731,233	736,080	Dr. 17,061	178,387
Ontario Northland Railway Co.	1,319,842	1,270,370	1,304,072	1,168,377	15,770	101,993
Pacific Great Eastern Railway Co. ...	1,630,900	1,656,324	1,235,757	963,568	395,143	692,756
Quebec North Shore & Labrador Railway Co.	6,003,015	4,818,213	4,287,398	3,047,894	1,715,617	1,770,319
Roberval & Saguenay Railway Co.	313,245	228,366	239,614	192,015	73,631	36,351
St. Lawrence & Adirondack Railway Co.(1)	77,579	66,185	76,673	73,019	906	Dr. 6,834
Toronto, Hamilton & Buffalo Railway Co.	421,091	391,359	380,435	359,316	40,656	32,043
Wabash Railroad Company	870,091	716,822	1,005,825	950,839	Dr. 135,734	Dr. 234,017
White Pass & Yukon Route (lines in Canada)	144,002	180,951	107,307	104,981	36,695	75,970
Totals	122,398,338	111,014,403	114,802,328	105,621,195	7,596,010	5,393,208

(1) Financial results are those for July.

(2) Financial results are those for June.

^r Revised figures.

RAIL FINANCIAL OPERATING STATISTICS

January 1 to August 31, 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 ^r	1964	1963	1964	1963 ^r
dollars						
<u>RAIL</u>						
Operating revenues:						
Railway	874,740,688	781,556,766	433,272,549	379,857,646	333,280,412	308,035,260
Express	38,233,556	38,508,635	22,707,402	24,474,110	15,375,133	13,875,303
Commercial communications	42,647,974	39,455,616	26,198,000	24,371,000	13,218,492	12,457,161
Highway transport (rail)	293,336	6,078,690	-	5,829,368	173,707	165,177
Totals	955,915,554	865,599,707	482,177,951	434,532,124	362,047,744	334,532,901
Operating expenses:						
Railway	817,850,256	752,307,050	417,109,296	382,987,143	308,831,174	287,660,392
Express	37,810,327	38,058,580	22,372,938	24,105,915	15,281,177	13,789,695
Commercial communications	38,231,075	35,420,607	23,690,739	21,747,351	12,487,976	11,868,196
Highway transport (rail)	4,475,779	5,752,122	4,199,813	5,519,879	153,567	144,311
Totals	898,367,437	831,538,359	467,372,786	434,360,288	336,753,894	313,462,594
Net rail operating income:						
Railway	56,890,432	29,249,716	16,163,253	Dr. 3,129,497	24,449,238	20,374,868
Express	423,229	450,055	334,464	368,195	93,956	85,608
Commercial communications	4,416,899	4,035,009	2,507,261	2,623,649	730,516	588,965
Highway transport (rail)	Dr. 4,182,443	326,568	Dr. 4,199,813	309,489	20,140	20,866
Totals	57,548,117	34,061,348	14,805,165	171,836	25,293,850	21,070,307

^r Revised figures.



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RAILWAY OPERATING STATISTICS

July 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 ^r	1964	1963	1964	1963 ^r
Miles of road operated (monthly average)	44,254.03	44,310.95	23,037.80	23,010.42	16,678.00	16,762.40
Freight traffic:						
Tons carried - Revenue freight(1)	19,186,639	16,685,010	7,778,530	6,574,966	5,746,073	4,955,935
Ton-miles - Revenue freight	7,597,087	6,238,574	3,526,633	2,923,451	2,981,554	2,375,783
Ton-miles - Revenue and non-revenue freight	7,755,674	6,388,129	3,610,442	3,020,892	3,045,562	2,415,833
Passenger traffic:						
Revenue passengers(1)	2,060,914	1,828,435	1,357,284	1,148,043	583,679	557,411
Revenue passenger-miles	324,735	256,643	175,622	138,128	135,008	105,532
Gross ton-miles:						
Freight train	15,757,326	13,260,748	7,562,392	6,544,338	6,132,619	4,924,444
Passenger train	2,180,177	1,988,590	1,284,616	1,129,605	801,124	760,770
Totals	17,937,503	15,249,338	8,847,008	7,673,943	6,933,743	5,685,214
Train-miles:						
Freight service	5,696,272	5,150,049	2,984,236	2,704,421	2,148,005	1,938,447
Passenger service	2,683,486	2,614,560	1,607,157	1,482,989	903,145	940,847
Work service	229,014	269,421	187,405	212,062	11,584	26,303
Totals	8,608,772	8,034,030	4,778,798	4,399,472	3,062,734	2,905,597
Car-miles:						
Freight:						
Loaded	194,621,092	170,793,172	97,435,975	86,288,358	76,702,255	66,433,734
Empty	126,607,646	108,395,599	63,254,314	57,444,218	47,480,026	36,459,441
Cabooses	6,053,350	5,409,418	3,149,010	2,766,480	2,345,339	2,138,589
Totals	327,282,088	284,598,189	163,839,299	146,499,056	126,527,620	105,031,764
Passenger	32,242,506	29,608,657	18,939,809	16,951,899	11,490,457	10,899,406
Total transportation service	359,524,594	314,206,846	182,779,108	163,450,955	138,018,077	115,931,170
Number of employees - Railway	141,862	139,120	78,447	75,914	53,473	53,122
Payroll - Railway	62,268,731	58,614,494	34,888,916	31,933,197	22,590,255	22,024,268
Payroll chargeable to railway operating expenses	57,044,199	53,414,440	31,475,165	28,384,451	21,191,269	20,746,961

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

^r Revised figures.

RAILWAY OPERATING STATISTICS

July 1964

	Total 22 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1964	1963 ^r	1964	1963	1964	1963 ^r
Averages per day per mile of road operated:						
Operating revenues	84.15	75.09	78.19	69.64	83.68	74.32
Operating expenses	78.08	70.14	75.64	68.39	77.08	69.61
Ton-miles - Revenue freight	5,538	4,542	4,938	3,776	5,767	4,572
Ton-miles - All freight	5,653	4,651	5,055	4,235	5,891	4,649
Passenger-miles - Revenue	237	187	246	194	261	203
Averages per freight train mile:						
Freight revenue	17.50	17.68	15.83	15.76	17.33	16.97
Tons carried - Revenue freight	1,334	1,211	1,182	1,081	1,388	1,226
Tons carried - All freight	1,362	1,240	1,210	1,117	1,418	1,246
Freight cars - Loaded	34.2	33.2	32.7	31.9	35.7	34.3
Freight cars - Empty	22.2	21.0	21.2	21.2	22.1	18.8
Averages per passenger train mile:						
Passengers carried	121	98	109	93	149	112
Passenger cars	12.0	11.3	11.8	11.4	12.7	11.6
Miscellaneous averages:						
Operating expense per train-mile	12.44	11.99	11.30	11.09	13.01	12.45
Miles hauled - Revenue freight	396	374	453	445	519	479
Miles carried - Revenue passengers	158	140	129	120	231	189
Tons carried per loaded freight-car-mile	39.9	37.4	37.1	35.0	39.7	36.4
Revenue per ton-mile of freight	1.312	1.431	1.340	1.565	1.248	1.384
Revenue per passenger per mile	2.430	2.782	2.624	2.727	2.139	2.824
Ratio of operating payroll to operating revenues %	49.41	51.78	56.37	57.14	48.98	53.72
Ratio of operating expenses to operating revenues %	92.79	93.40	96.73	98.21	92.12	93.67

^r Revised figures.