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RAILWAY OPERATING STATISTICS

JULY 1966

Presented in this report are the July 1966 and 1965 financial and traffic results of twenty-three 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 from both years are details of the British Columbia Hydro and Power Authority Railway which are not available, as well as statistics 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.

A strike involving the International Association of Machinists in iron ore mining areas of North Eastern Quebec adversely affected operations of the Wabush, Arnaud and Quebec North Shore and Labrador railways and was mainly responsible for an overall decline in July operating revenues and traffic statistics.

Financial Statistics

Operating revenues of twenty-three common carrier railways, in July 1966, dropped 0.9 per cent to \$117,084,860 from the previous year. Operating expenses were higher by 4.0 per cent at \$113,745,942 and, as a result, the net operating income fell to \$3,338,918 in contrast to \$8,818,385 a year earlier. July 1966 railway expenses amounted to 97.15 cents per dollar of revenue.

The Canadian National Railways recorded a 4.9 per cent increase in operating revenues to \$59,613,584 and a 10.1 per cent rise in operating expenses to \$61,781,799. This resulted in a net operating deficit of \$2,168,215 as compared with an income of \$714,702 in July 1965. The Canadian Pacific Railway Company reported a 1.9 per cent revenue increase in July 1966 to \$44,588,030 and a 1.4 per cent rise in operating expenses to \$40,986,282. The C.P.R. net railway operating income totalled \$3,601,748, up from \$3,300,421 in July 1965.

Rail operating revenues, which comprise those of railway, express, commercial communications and highway transport (rail) services, dropped 0.3 per cent to \$129,396,980. Operating expenses were higher by 4.3 per cent, rising to \$125,450,370 and, as a result, the net rail operating income was down to \$3,946,610 as compared with \$9,556,941 in the preceding year.

Traffic Statistics

A total of 18.8 million tons of revenue freight was handled by railways in Canada, during July, down 10.9 per cent from the same period of 1965. The number of ton-miles generated increased to 7,929 million from 7,613 million, respectively, and the average haul at 423 miles was up 61 miles from the earlier year. The average revenue earned per ton-mile of freight dropped to 1.270 cents from 1.329. The number of revenue passengers carried during July declined 12.8 per cent to 1,980 thousand and passenger-miles were down 11.4 per cent to 331 million. The resulting average passenger journey rose to 167 miles from 165, while the average revenue earned per passenger-mile declined to 2.415 cents from 2.652 cents in the earlier year.

Governments and Transportation Division  
Transportation and Public Utilities Section

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TABLE 1. Railway Operating Revenues, Expenses and Net Income  
July 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways				
	1966	1965 <sup>r</sup>	1966	1965	1966	1965
	dollars					
Operating revenues:						
Freight(2) .....	100,677,660	101,174,155	48,600,469	46,952,239	40,311,160	37,734,933
Passenger .....	8,002,282	9,918,212	5,723,535	6,570,628	1,950,176	2,991,844
Sleeping and parlour car .....	1,289,734	Dr. 128,123	1,060,278	Dr. 637,153	218,601	493,843
Mail .....	1,124,749	1,132,713	822,103	856,267	144,918	126,412
Express .....	577,864	1,026,392	370,843	704,881	46,310	188,360
Switching .....	784,855	688,971	326,609	281,913	253,173	234,837
Incidental .....	4,211,331	3,980,985	2,480,747	1,961,795	1,519,471	1,818,228
All other .....	416,385	359,541	229,000	158,971	144,221	147,116
Totals .....	117,084,860	118,152,846	59,613,584	56,849,541	44,588,030	43,735,573
Operating expenses:						
Road maintenance .....	21,831,619	21,837,710	12,211,870	12,287,544	7,330,453	7,104,697
Equipment maintenance .....	23,466,624	22,197,198	13,770,916	12,084,580	7,852,250	8,274,112
Traffic .....	3,148,934	2,911,840	1,653,905	1,519,653	1,323,521	1,237,941
Transportation (railway line) ....	44,303,133	41,822,993	25,093,876	22,615,694	15,830,734	15,443,636
Miscellaneous railway operations	2,077,633	2,379,307	1,439,500	1,388,623	600,536	951,955
General .....	10,232,162	9,705,939	5,908,129	5,514,096	3,547,299	3,451,126
Equipment rents .....	746,020	Cr. 128,275	Cr. 143,710	Cr. 761,585	20,452	Cr. 231,017
Joint facility rents .....	165,737	255,799	Cr. 50,618	Cr. 28,066	116,837	163,502
Railway tax accruals .....	7,774,080	8,351,950	1,897,931	1,514,300	4,364,200	4,039,200
Totals .....	113,745,942	109,334,461	61,781,799	56,134,839	40,986,282	40,435,152
Net operating income .....	3,338,918	8,818,385	Dr. 2,168,215	714,702	3,601,748	3,300,421

(1) Excludes the British Columbia Hydro and Power Authority Railway line, which is not available.

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

<sup>r</sup> Revised figures.

TABLE 2. Rail Operating Revenues, Expenses and Net Income  
July 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways				
	1966	1965 <sup>r</sup>	1966	1965	1966	1965 <sup>r</sup>
	dollars					
Operating revenues:						
Railway .....	117,084,860	118,152,846	59,613,584	56,849,541	44,588,030	43,735,573
Express .....	5,649,965	5,330,750	3,275,019	3,164,158	2,355,092	2,142,509
Commercial communications .....	6,344,016	6,009,607	3,911,000	3,647,000	1,940,603	1,884,487
Highway transport (rail) .....	318,139	330,325	279,670	301,134	-	-
Totals .....	129,396,980	129,823,528	67,079,273	63,961,833	48,883,725	47,762,569
Operating expenses:						
Railway .....	113,745,942	109,334,461	61,781,799	56,134,839	40,986,282	40,435,152
Express .....	5,611,030	5,280,186	3,239,362	3,125,446	2,351,722	2,130,523
Commercial communications .....	5,818,804	5,390,638	3,595,772	3,338,893	1,902,216	1,765,639
Highway transport (rail) .....	274,594	261,302	249,823	243,879	-	-
Totals .....	125,450,370	120,266,587	68,866,756	62,843,057	45,240,220	44,331,314
Net operating income:						
Railway .....	3,338,918	8,818,385	Dr. 2,168,215	714,702	3,601,748	3,300,421
Express .....	38,935	50,564	35,657	38,712	3,370	11,986
Commercial communications .....	525,212	618,969	315,228	308,107	38,387	118,848
Highway transport (rail) .....	43,545	69,023	29,847	57,255	-	-
Totals .....	3,946,610	9,556,941	Dr. 1,787,483	1,118,776	3,643,505	3,431,255

(1) See footnote(1) Table 1, page 2.

<sup>r</sup> Revised figures.

TABLE 3. Rail Operating Revenues, Expenses and Net Income, by Railway  
July 1966

Railway	Operating revenues		Operating expenses		Net rail operating income	
	1966	1965 <sup>r</sup>	1966	1965 <sup>r</sup>	1966	1965 <sup>r</sup>
	dollars					
Algoma Central Railway .....	887,191	921,358	724,936	747,963	162,255	173,395
Alma & Jonquieres Railway Co. ....	47,800	53,144	44,029	48,194	3,771	4,950
Arnaud Railway Company .....	62,973	94,985	68,552	50,343	Dr. 5,579	44,642
British Columbia Hydro and Power Authority(1) .....			Not available			
Canada Southern Railway Co. (Michigan Central)(2) .....	2,079,591	1,839,401	1,508,638	1,439,231	570,953	400,170
Canadian National Railways .....	67,079,273	63,961,833	68,866,756	62,843,057	Dr. 1,787,483	1,118,776
Canadian Pacific Railway Co. ....	48,883,725	47,762,569	45,240,220	44,331,314	3,643,505	3,431,255
Chesapeake & Ohio Railway Co.(2) ....	1,204,713	1,702,302	1,063,935	1,199,062	140,778	503,240
Cumberland Railway Co. ....	260,780	300,793	238,952	263,012	21,828	37,781
Essex Terminal Railway Co. ....	71,692	71,266	79,735	55,855	Dr. 8,043	15,411
Grand Falls Central Railway Co. ....	129,033	168,251	88,760	108,545	40,273	59,706
Great Northern Railway Co. ....	177,757	173,108	213,839	206,936	Dr. 36,082	Dr. 33,828
Midland Railway of Manitoba .....	62,434	57,942	120,828	105,512	Dr. 58,394	Dr. 47,570
Napierville Junction Railway Co. ....	68,615	80,498	70,086	79,203	Dr. 1,471	1,295
Norfolk and Western Railway Company	426,007	293,590	626,707	717,652	Dr. 200,700	Dr. 424,062
Northern Alberta Railways Co. ....	998,217	859,064	974,533	925,289	23,684	Dr. 66,225
Ontario Northland Railway Co. ....	1,484,632	1,533,879	1,534,243	1,368,590	Dr. 49,611	165,289
Pacific Great Eastern Railway Co. ...	1,712,779	1,918,291	1,239,244	1,364,118	473,535	554,173
Quebec North Shore & Labrador Rly. Co. ....	2,693,988	6,869,470	1,762,471	3,434,960	931,517	3,434,510
Roberval & Saguenay Railway Co. ....	375,747	348,897	286,298	263,597	89,449	85,300
St. Lawrence & Adirondack Rly. Co. ...	79,201	83,021	90,842	83,950	Dr. 11,641	Dr. 929
Toronto, Hamilton & Buffalo Rly. Co.	353,136	392,245	334,050	379,792	19,086	12,453
Wabush Lake Railway Company .....	77,048	167,024	118,371	120,923	Dr. 41,323	46,101
White Pass & Yukon Route (lines in Canada) .....	180,648	170,597	154,345	129,489	26,303	41,108
Totals .....	129,396,980	129,823,528	125,450,370	120,266,587	3,946,610	9,556,941

(1) See footnote(1) Table 1, page 2.

(2) Financial results are those for June

<sup>r</sup> Revised figures.

TABLE 4. Cumulative Rail Operating Revenues, Expenses and Net Income  
January 1 to July 31, 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways	Railways		Company	
	1966	1965 <sup>r</sup>	1966	1965	1966	1965 <sup>r</sup>
	dollars					
Operating revenues:						
Railway .....	857,016,827	777,891,140	435,113,303	385,710,741	327,527,898	298,573,283
Express .....	40,902,567	35,426,554	23,570,399	20,982,651	17,205,321	14,300,601
Commercial communications .....	43,988,757	39,475,262	26,978,000	24,045,000	13,762,582	12,348,813
Highway transport (rail) .....	2,161,953	2,285,746	1,985,604	2,010,523	-	133,298
Totals .....	944,070,104	855,078,702	487,647,306	432,748,915	358,495,801	325,355,995
Operating expenses:						
Railway .....	800,795,221	742,166,283	422,555,276	385,991,550	297,137,545	275,905,740
Express .....	40,567,510	35,084,218	23,334,078	20,717,813	17,105,329	14,217,800
Commercial communications .....	38,686,821	35,715,680	23,842,896	22,098,298	12,802,896	11,672,695
Highway transport (rail) .....	1,808,544	1,899,321	1,674,018	1,655,240	-	123,695
Totals .....	881,858,096	814,865,502	471,406,268	430,462,901	327,045,770	301,919,930
Net operating income:						
Railway .....	56,221,606	35,724,857	12,558,027	Dr. 280,809	30,390,353	22,667,543
Express .....	335,057	342,336	236,321	264,838	99,992	82,801
Commercial communications .....	5,301,936	3,759,582	3,135,104	1,946,702	959,686	676,118
Highway transport (rail) .....	353,409	386,425	311,586	355,283	-	9,603
Totals .....	62,212,008	40,213,200	16,241,038	2,286,014	31,450,031	23,436,065

(1) See footnote(1) Table 2, page 2.

<sup>r</sup> Revised figures.





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TABLE 5. Railway Traffic and Employment Statistics

July 1966

	Total(1)		Canadian National		Canadian Pacific Railway	
	23 railways	23 railways	Railways		Company	
	1966	1965 <sup>r</sup>	1966	1965 <sup>r</sup>	1966	1965
Miles of road operated (monthly average) ..	44,080.64	44,114.14	22,909.00	22,931.13	16,654.50	16,662.00
Freight:						
Tons carried - Revenue freight(2) .....	18,767,519	21,052,336	7,448,923	8,038,200	5,941,047	5,683,823
Ton-miles - Revenue freight .....	7,929,488	7,612,616	3,800,688	3,442,885	3,313,523	2,832,219
Ton-miles - Revenue and non-revenue freight .....	8,119,011	7,807,372	3,907,695	3,554,315	3,373,584	2,891,938
Passengers:						
Revenue passengers(2) .....	1,980,494	2,271,540	1,396,685	1,568,730	465,297	582,532
Revenue passenger-miles .....	331,407	374,005	244,955	232,166	73,688	127,312
Gross ton-miles:						
Freight train .....	16,356,389	15,830,298	7,979,551	7,484,590	6,805,810	5,936,538
Passenger train .....	2,076,998	2,173,448	1,653,953	1,414,520	343,031	672,458
Totals .....	18,433,387	18,003,746	9,633,504	8,899,110	7,148,841	6,608,996
Train-miles:						
Freight service .....	5,731,170	5,675,110	2,968,312	2,905,018	2,261,685	2,164,337
Passenger service .....	2,565,047	2,668,915	1,905,071	1,735,528	514,163	774,260
Work service .....	222,420	245,913	166,710	185,436	11,746	13,478
Totals .....	8,518,637	8,589,938	5,040,093	4,825,982	2,787,594	2,952,075
Car-miles:						
Freight:						
Loaded .....	200,801,195	194,313,807	101,757,088	96,119,983	83,040,614	76,067,949
Empty .....	130,839,904	122,303,821	65,711,772	60,174,383	53,084,743	44,319,423
Caboose .....	6,020,818	5,919,560	3,115,692	2,993,904	2,393,932	2,338,181
Totals .....	337,661,977	322,537,188	170,584,552	159,288,270	138,519,289	122,725,553
Passenger .....	28,912,452	31,977,975	22,298,367	21,076,252	5,170,864	9,352,487
Total transportation service .....	366,574,429	354,515,163	192,882,919	180,364,522	143,690,153	132,078,040
Number of employees - Railway .....	136,973	141,138	77,904	79,582	48,908	51,538
Payroll - Railway .....	65,479,904	66,067,038	37,631,767	37,679,757	22,702,886	23,301,766
Payroll chargeable to railway operating expenses .....	59,701,972	58,805,226	33,974,248	32,595,843	21,242,932	21,724,653

(1) See footnote(1) Table 1, page 2.

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

<sup>r</sup> Revised figures.

TABLE 6. Miscellaneous Railway Averages

July 1966

	Total(1)		Canadian National		Canadian Pacific Railway	
	23 railways	23 railways	Railways		Company	
	1966	1965 <sup>r</sup>	1966	1965 <sup>r</sup>	1966	1965
Per day per mile of road operated:						
Operating revenues .....	85.68	89.40	83.94	79.97	86.36	84.67
Operating expenses .....	83.24	79.95	86.99	78.97	79.39	78.28
Ton-miles - Revenue freight .....	5,803	5,567	5,352	4,843	6,418	5,483
Ton-miles - All freight .....	5,941	5,709	5,502	5,000	6,534	5,599
Passenger-miles - Revenue .....	243	273	345	327	143	246
Per freight train mile:						
Freight revenue .....	17.57	17.83	16.37	16.16	17.82	17.43
Tons carried - Revenue freight .....	1,384	1,341	1,280	1,185	1,495	1,309
Tons carried - All freight .....	1,417	1,376	1,316	1,224	1,492	1,336
Freight cars - Loaded .....	35.0	34.2	34.3	33.1	36.7	35.1
Freight cars - Empty .....	22.8	21.6	22.1	20.7	23.5	20.5
Per passenger train mile:						
Passengers carried .....	129	140	129	134	143	164
Passenger cars .....	11.3	12.0	11.7	12.1	10.1	12.1
Other:						
Operating expense per train-mile .....	13.35	12.73	12.26	11.63	14.70	13.70
Miles hauled - Revenue freight .....	423	362	510	428	558	498
Miles carried - Revenue passengers .....	167	165	175	148	158	219
Tons carried per loaded freight-car-mile .....	40.4	40.2	38.4	37.0	40.6	38.0
Revenue per ton-mile of freight .....	1.270	1.329	1.279	1.364	1.217	1.332
Revenue per passenger per mile .....	2.415	2.652	2.337	2.830	2.647	2.350
Ratio of operating payroll to operating revenues ... %	50.99	49.77	56.99	57.34	47.64	49.67
Ratio of operating expenses to operating revenues .. %	97.15	92.54	103.64	98.74	91.92	92.45
Ratio of transportation expenses to operating revenues .. %	37.84	35.40	42.09	39.78	35.50	35.31

(1) See footnote(1) Table 1, page 2.

<sup>r</sup> Revised figures.