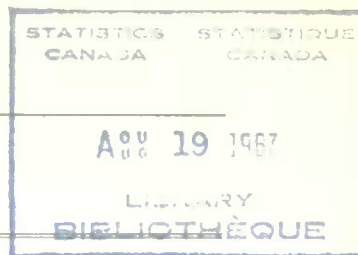


DOMINION BUREAU OF STATISTICS  
TRANSPORTATION DIVISION  
OTTAWA

Dominion Statistician, HERBERT MARSHALL

Director, Transportation Division, G.S. Wong



20-4140

OPERATING REVENUES, EXPENSES & STATISTICS  
RAILWAYS IN CANADA  
WITH ANNUAL OPERATING REVENUES OF  
\$500,000 OR OVER

APRIL, 1949

Canadian railways reported operating revenues of \$72,669,823 for April, an increase of 2.6 p.c., or \$1,827,993 over the corresponding month last year. Operating expenses, however, rose nearly 10 p.c. from \$61,569,236 to \$67,661,030, or some \$6,092,000. The current month includes Newfoundland operating revenues and expenses and operating income for the first time, but other operating statistics are not yet available. The monthly totals were of minor importance and do not affect comparisons with 1948 to any significant degree. About \$500,000 of revenues and \$860,000 of expenses are attributable to Newfoundland operations. All operating revenue accounts registered improvement over the previous April. Freight revenues levelled off from last year at \$57,622,641 compared with \$57,528,004 as rates came to the same basis as one year earlier. Passenger revenues were up 12.4 p.c., or \$755,698, to \$6,852,192, due mainly to increased tariffs and longer average journey which was 93 miles compared with 85 miles one year earlier. Express revenues advanced 13.9 p.c., while water line and all other account showed good gains.

Maintenance expenses required \$29,091,620 during the month, an increase of \$4,032,173 over April 1948, with way and structures up 20 p.c., and maintenance of equipment advancing 13 p.c. Transportation expenses rose some 5 p.c. to \$52,540,551, while all other accounts were heavier.

Tax accruals dropped \$888,244 to \$1,554,987, and hire of equipment charges were down \$245,760. Operating income which had been \$5,538,910 in April last year was reduced to \$2,437,043, an amount far from sufficient to meet even interest payments on funded debt.

Revenue freight carried during the month declined 7.4 p.c. in tonnage but only 1.9 p.c. in ton mileage. Revenue passengers numbered 2,699,490 compared with 2,821,333 but passenger mileage improved by 4.5 p.c. Total pay roll reached \$59,378,189 for 172,223 employees as against \$54,286,286 for 172,793 employees one year earlier, a per capita advance of some 15 p.c.

**CANADIAN NATIONAL RAILWAYS:** Operating revenues totalled \$35,218,200 for April, off some \$410,500 or 1.2 p.c. from the same month last year, while operating expenses rose from \$31,984,945 to \$34,231,018, up 7 p.c. April, 1949 data include Newfoundland. Without Newfoundland, operating revenues were off 2.2 p.c., and expenses advanced 4.5 p.c. Freight revenues receded \$1,674,000, or 5.8 p.c., to \$27,253,000 compared with \$28,927,000 during the first month of the increased rates in 1948. Passenger revenues improved 17.6 p.c., however, or \$489,400 due to higher net fares and Easter travel. The federal tax of 15 p.c., which had been repealed, was added to the fare structure. Express receipts were up 25.6 p.c. to \$2,256,811 for the month. A minor increase was shown in expenditures allotted to maintenance of way and structures, suggesting, in the face of increased costs, a reduction in actual volume of work. Maintenance of equipment rose 14.6 p.c., while transportation charges were up 5.3 p.c., in line with advances in all other accounts. Tax accruals increased \$42,032 to \$610,714 for the month, but hire of equipment costs eased \$43,469. Operating income which had been \$2,841,490 in April, 1948, was reduced to a mere \$176,353. Operations in Newfoundland showed an estimated deficit of at least \$364,000 during the month. Operating statistics which do not include Newfoundland reveal that tonnage of revenue freight carried was down 11.6 p.c. to 5,108,561, while ton miles eased 7 p.c. Revenue passengers declined 4 p.c. in number, but average journey advanced from 75 to 80 miles. Loaded freight car mileage eased 5.2 p.c., while empty car mileage dropped 8 p.c. Total pay roll climbed 14.1 p.c. over April, 1948, to \$21,217,856, while the number of employees was down 2.5 p.c. to 93,785. The United States lines, which are not included above, had an operating income of \$112,406 during the month, compared with a deficit of \$148,148 in April, 1948. For the four months ended April 30th, the entire system, including Newfoundland and United States lines, shows a deficit on operations of \$5,541,449 as against only \$55,958 in the same period last year.

**CANADIAN PACIFIC RAILWAY COMPANY:** Operating revenues were \$30,136,788 for April, an advance of 9.5 p.c., or \$2,616,293 over the same month of 1948. Freight revenues improved 9.5 p.c. to \$24,184,448, while passenger travel, reflecting increased fares and the Eastertide movement, showed receipts of \$3,158,443 compared with \$2,832,313 one year earlier. All other accounts except mail registered gains. Operating expenses were considerably heavier at \$28,205,651 against \$24,547,932, a rise of 14.9 p.c. Maintenance of way and structures increased \$1,934,017, or 41.2 p.c., to \$6,629,280, while equipment maintenance was up 14.9 p.c. to \$6,393,258. Transportation charges were \$12,416,680 compared with \$11,806,302, an advance of 5.2 p.c. Tax accruals dropped from \$1,406,770 to \$456,878, while hire of equipment and joint rents eased considerably. Operating income which had been \$1,323,564 in April, 1948, was reduced to \$1,304,755, but the decrease was cushioned by tax reduction. Net revenue from operations was actually some \$1,041,426 below that of April last year when net operating revenue had been \$2,972,565. Tonnage of revenue freight was down slightly from the previous April but ton miles improved 6.5 p.c. Revenue passengers totalled 1,015,827 against 1,063,289, while average journey increased from 99 to 115 miles, with total passenger mileage carried up 9.7 p.c. Employees rose 3 p.c. to 68,865, and pay roll climbed 16.8 p.c., or \$2,267,365 over April, 1948, to \$15,740,371.

**OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS**

Subject to Revision

APRIL, 1949

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1949	1948	1949	1948	1949	1948
<b>OPERATING REVENUES</b>						
Freight	\$ 57,622,641	\$ 57,528,004	\$ 27,253,000	\$ 28,927,000	\$ 24,184,448	\$ 22,088,621
Passenger	6,852,192	6,098,494	3,266,100	2,776,700	3,138,443	2,832,513
Mail	759,876	745,217	330,702	318,066	354,081	360,521
Express	3,077,150	2,701,605	X 2,236,811	X 1,780,341	718,081	708,520
Other passenger train	823,198	760,586	510,582	511,581	491,273	429,302
Water line	284,956	181,698	-	-	84,518	53,467
All other	3,249,810	2,826,226	1,821,005	1,514,812	1,165,944	1,047,951
Total Railway Operating Revenues	72,669,823	70,841,830	X 35,218,200	X 35,628,500	30,136,788	27,520,495
<b>OPERATING EXPENSES</b>						
Maintenance of way and structures	13,305,624	11,088,734	5,689,390	5,536,469	6,629,280	4,695,263
Maintenance of equipment	15,785,996	13,970,713	8,273,964	7,217,973	6,393,258	5,562,907
Traffic	1,536,705	1,474,206	731,373	690,853	685,982	670,349
Transportation	32,540,531	30,948,249	17,517,783	16,628,617	12,416,680	11,806,302
Miscellaneous operations	1,075,534	1,008,447	372,610	346,886	596,805	553,229
General	3,416,640	3,078,887	1,645,898	1,564,145	1,483,646	1,259,882
Total Railway Operating Expenses	67,661,030	61,569,236	34,231,018	31,984,943	28,205,651	24,547,932
<b>OPERATING INCOME</b>						
Net operating revenue	5,008,793	9,272,594	987,182	3,643,557	1,931,137	2,972,563
Railway tax accruals	1,554,987	2,443,231	610,714	568,682	456,876	1,406,770
Hire of equipment	Dr. 891,923	Dr. 1,135,683	Dr. 210,647	Dr. 254,116	Dr. 103,793	Dr. 132,665
Joint facilities rents	Dr. 124,840	Dr. 154,770	Cr. 10,532	Cr. 20,731	Dr. 65,713	Dr. 109,764
Operating income	2,437,043	5,538,910	176,353	2,841,490	1,304,755	1,323,364
<b>OPERATING STATISTICS</b>						
Average miles of road operated	42,522.54	42,553.07	21,705.14	21,733.88	17,032.3	17,034.1
∅ No. of tons carried (Rev. Fr.)	12,743,277	13,757,759	5,108,561	5,781,076	4,613,777	4,650,100
No. of tons carried one mile " " Thous.	4,597,731	4,685,721	2,187,654	2,352,149	2,045,440	1,919,818
No. of tons carried one mile (All Fr.) "	5,072,263	5,056,564	2,455,555	2,553,938	2,240,838	2,080,408
Gross ton miles, excl. of locomotive & tender "	11,042,689	11,150,538	5,266,979	5,529,015	4,847,387	4,601,245
No. of revenue passengers carried	2,699,490	2,821,333	1,451,347	1,511,045	1,015,827	1,063,289
No. of revenue passengers carried one mile "	250,845	240,120	116,018	112,827	115,149	104,942
Freight train miles	6,636,077	6,878,494	3,129,630	3,350,598	2,975,329	2,950,735
Passenger train miles	3,627,431	3,621,538	1,766,335	1,767,439	1,609,099	1,590,624
Total train miles (rev. and non rev.)	10,406,270	10,713,335	4,976,466	5,234,462	4,631,885	4,631,412
Freight car miles - loaded	170,972,269	174,306,876	83,744,558	88,330,056	72,740,277	70,320,842
Freight car miles - empty	79,059,516	82,355,063	35,034,256	38,067,690	37,022,465	36,260,563
Passenger train car miles	31,750,333	31,276,177	15,473,809	14,789,139	13,830,073	13,778,310
Total amount of pay roll	2/ \$39,376,189	34,286,286	1/ \$21,217,836	\$ 18,601,924	\$ 15,740,371	\$ 13,473,008
Number of employees	172,223	172,793	93,785	96,201	68,863	66,868
Pay roll chargeable to rly. operating expenses	\$36,769,824	\$33,262,846	\$19,484,369	\$ 18,354,333	\$ 14,959,399	\$ 12,798,172
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>						
Operating revenue	\$56.97	\$55.49	\$54.09	\$54.64	\$58.98	\$53.85
Operating expenses	\$53.04	\$48.23	\$52.57	\$49.06	\$55.20	\$48.04
No. of tons moved one mile (Rev. Fr.)	3,604	3,670	3,360	3,607	4,003	3,757
No. of tons moved one mile (All Fr.)	3,976	3,961	3,771	3,917	4,365	4,071
No. of revenue passengers carried one mile	197	188	178	173	225	205
<b>AVERAGES PER FREIGHT TRAIN MILE</b>						
Freight revenue	\$8.68	\$8.56	\$8.71	\$8.63	\$8.13	\$7.49
No. of tons of freight (Rev. Fr.)	693	681	699	702	687	651
No. of tons of freight (All Fr.)	764	735	785	762	753	705
Gross ton miles	1,664	1,621	1,683	1,650	1,629	1,559
Loaded freight cars	25.8	25.3	26.8	26.4	24.4	23.8
Empty freight cars	11.9	12.0	11.2	11.4	12.4	12.3
<b>AVERAGES PER PASSENGER TRAIN MILE</b>						
Passenger train revenues	\$3.17	\$2.85	X \$3.48	X \$2.93	\$2.92	\$2.72
Passengers carried	69	66	66	64	72	66
Passenger cars	8.8	8.6	8.8	8.4	8.6	8.7
Average operating expenses per train mile	\$6.50	\$5.75	\$6.88	\$6.11	\$6.09	\$5.50
Average length of haul (Rev. Fr.) Miles	361	341	428	407	443	413
Average passenger journey Miles	95	85	80	75	113	99
Average tons per loaded freight car mile	29.7	29.0	29.3	28.9	30.8	29.6
Average freight receipt per revenue ton mile	1.255¢	1.228¢	1.246¢	1.250¢	1.182¢	1.151¢
Average passenger receipt per passenger per mile	2.732¢	2.540¢	2.615¢	2.461¢	2.728¢	2.699¢
Ratio of operating pay roll to operating revenues	50.6%	47.0%	55.3%	51.5%	49.6%	46.5%
Ratio of operating expenses to revenues	95.11%	86.91%	97.20%	89.77%	95.69%	89.20%

1/ Includes \$3,695 Backtime.  
Revised.

2/ Includes \$41,334 Backtime.

∅ Includes duplications.

X Includes gross express revenues.



## CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of April, 1949

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	1949	1948
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 35,218,200	\$ 35,628,500
United States Lines	5,136,800	5,312,500
Total	40,355,000	40,941,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	34,231,018	31,984,943
United States Lines	4,516,982	4,791,057
Total	38,748,000	36,776,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	987,182	3,643,557
United States Lines	619,818	521,443
Total	1,607,000	4,165,000
<u>OPERATING INCOME</u>		
Canadian Lines	176,353	2,841,490
United States Lines	112,406	Dr. 148,148
Total	288,759	2,693,342
<u>SUMMARY</u>		
Four Months ended April 30, 1949		
<u>ALL RAILWAYS</u>		
Operating Revenues	279,948,024	259,112,047
Operating Expenses	271,356,591	239,994,648
Net Operating Revenue	8,592,033	19,117,399
Operating Income	Dr. 1,578,942	6,105,875
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	135,605,200	126,100,100
United States Lines	20,395,800	21,510,900
Total	156,001,000	147,611,000
Operating Expenses - Canadian Lines	138,475,467	123,072,464
United States Lines	18,058,533	18,828,536
Total	156,534,000	141,901,000
Net Operating Revenue - Canadian Lines	Dr. 2,870,267	3,027,636
United States Lines	2,337,267	2,682,364
Total	Dr. 533,000	5,710,000
Operating Income - Canadian Lines	Dr. 5,808,271	74,725
United States Lines	266,822	Dr. 110,683
Total	Dr. 5,541,449	Dr. 35,958
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>		
Operating Revenues	115,695,086	105,078,883
Operating Expenses	111,438,351	96,942,172
Net Operating Revenue	4,256,735	8,136,711
Operating Income	2,658,849	1,623,405

E R R A T A - CANADIAN NATIONAL RAILWAYSMARCH, 1949

	Reads	Should Read
Average freight receipt per revenue ton mile	1.555¢	1.155¢