



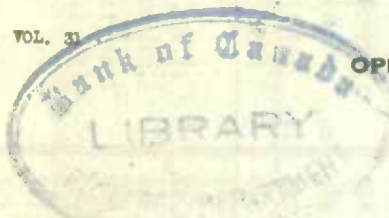
# DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

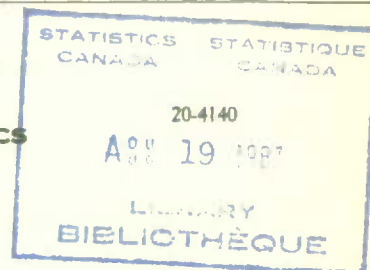
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## OPERATING REVENUES, EXPENSES & STATISTICS RAILWAYS IN CANADA WITH ANNUAL OPERATING REVENUES OF \$500,000 OR OVER



AUGUST, 1951

More traffic, more revenue, heavier expenses and less profit summarize August railway operations as compared with the corresponding month of 1950 which included the nine-day national strike. Operating revenues this year were a record \$93,816,971, some 44.6 p.c. or \$28,952,865 above August of last year while expenses jumped 52.7 p.c. or \$29,700,847 to \$86,105,922 which is also a new peak for the period. Tax accruals, reflecting a lower net, dropped \$542,788 to \$2,084,975. Hire of equipment rose \$319,611 to \$1,377,096 and joint rentals \$36,681 to \$217,824. The resulting operating income for the month was \$4,031,154 down \$561,486 from the \$4,592,640 reported for the strike-affected similar month of 1950.

The eight months summary shows all railways with operating income of \$33,574,628 compared with \$31,659,671 one year earlier, a betterment of 6 p.c.

All revenue accounts were much improved but comparisons with August last year are vitiated somewhat by the strike and against which must be considered the shorter work and loading week in vogue this August as well as freight rate and other increases in the interim. Freight earnings rose nearly 45 p.c. or \$22,699,123 to \$73,239,448. Passenger receipts improved 48.5 p.c. to \$9,450,355 and mail 20.8 p.c. to \$1,078,540. Express gained \$1,661,263 or 81.9 p.c. to \$3,688,737 while other accounts were appreciably better. Besides the strike, the advance in expenses reflected wage and material hikes as well as the introduction of the forty-hour week and increased employment. All expense accounts were considerably heavier. Maintenance of way and structures required \$20,230,396 up 62.9 p.c., equipment maintenance jumped 61.1 p.c. to \$18,981,102 and transportation 52 p.c. or \$13,625,519 to \$39,807,367. Miscellaneous charges rose 46.6 p.c. or \$512,354 and general \$425,563 or 12.6 p.c.

Revenue freight carried at 15,404,337 tons compares with 11,001,141 tons one year earlier for a 40 p.c. gain, and 13,058,612 tons in August, 1949. Revenue ton miles were up 55.9 p.c. to 5,404,558,000 as average haul rose 36 miles to 351. Fare passengers improved 26.7 p.c. from 2,022,359 to 2,563,064 but were down from 3,083,608 reported in the same month of 1949. Passenger mileage increased 44 p.c. over 1950 to 334,531,000 miles and compares with 347,221,000 miles in August of 1949. Average journey was 131 miles in the month under review against 115 miles one year earlier, and 113 in 1949.

Total payroll was a record \$54,110,185, up \$19,710,252 or 57.3 p.c. over the preceding August while employees gained 18,056 or 9.7 p.c. in numbers to average 203,273. Tonnage per freight car mile at 31.2 tons was up from 28.7. Average receipt per revenue ton mile dropped from 1.458 to 1.355 cents with the largervolume of primary products carried. Passenger receipts were better at 2.825 cents against 2.739 cents per mile in the previous August.

**CANADIAN NATIONAL RAILWAYS:** Canadian lines showed operating revenues of \$48,777,400 for August, an increase of 53.8 p.c. or \$17,065,100 over the strike-influenced corresponding month of 1950. All earnings were considerably advanced with freight up 52.2 p.c. or \$12,866,000, and passenger \$1,917,700 or 67.1 p.c. Expenses did not increase as much as revenues, the total at \$45,173,336, rising \$15,454,102 or 52 p.c. Tax accruals eased \$208,685 to \$462,183 but hire of equipment took \$120,687 more and joint rents \$14,858 above the previous August. Operating income at \$2,605,218 posted a gain of \$1,684,138 over the \$921,080 reported one year earlier. The loss of \$237,969 on United States lines brought the System income to \$2,367,249 compared with \$1,577,779 in August, 1950.

For the first eight months System operating income was \$14,143,629 against \$13,720,015 in the same period last year and a loss of \$8,795,592 in 1949. Canadian lines this year improved \$2,447,715 to \$11,799,990 while U. S. lines dropped from \$4,367,740 in 1950 to an operating income of \$2,343,639 to the end of August in the current year.

Canadian lines carried 6,782,649 tons of revenue freight during August, up 50.4 p.c. while ton miles rose 65.9 p.c. over the corresponding period last year. Passengers numbered 31 p.c. or 332,308 more at 1,404,489 and passenger mileage advanced 56.8 p.c. Payroll for the month was an impressive \$30,422,652 going to 116,328 employees against \$19,079,052 to 106,008 employees in the previous August. Payroll thus rose 59.5 p.c. and employment 9.7 p.c.

**CANADIAN PACIFIC RAILWAY COMPANY:** Expense increases outran revenue advances for the yardstick line. Operating revenues gained \$10,541,772 or 41 p.c. over the previous August to total \$36,261,339 but expenses were \$13,204,485 or 61.4 p.c. heavier this August at \$34,723,068. Net operating revenue thus dropped from \$4,200,984 to \$1,538,271, indicating oddly enough that the line did better financially when a 9-day strike occurred than in a month of record activity.

Tax accruals were \$374,214 lower this year at \$1,133,000 but hire of equipment declined from a credit of \$124,560 to a debit of \$3,433 and joint facilities rents were up \$19,999 to \$143,929. Operating income shrank from \$2,694,400 to \$257,909. This compares with \$1,597,773 in August 1949. \$1,912,743 in 1948 and \$1,262,078 in August of 1947. The current figure is the smallest income for any peacetime August since monthly records were first published in the early twenties.

Freight earnings improved nearly 45 p.c. and tonnage carried 50 p.c. over the previous August. Passenger fares were 38 p.c. better and passenger mileage rose 39.1 p.c. Mail receipts were down due to the inclusion of retroactive pay in the preceding August but all other accounts showed good gains. Maintenance of way and structures took \$9,208,589 or \$4,377,872 above August of 1950 and equipment charges rose \$3,304,369 to \$7,468,674. Transportation required \$14,828,670, an advance of 51.6 p.c. or \$5,045,740.

Total payroll at \$20,570,809 for 76,390 employees compared with \$12,839,487 going to 68,648 one year earlier for increases of 60.2 p.c. and 11.4 p.c. respectively.

Cumulative totals for the first eight months show revenues at a record \$279,033,453 compared with \$236,201,578 in the similar period of 1950. Expenses rose from \$213,226,624 to \$253,675,917. C.P.R. operating income at \$13,083,308 to the end of August registered a decline of \$2,601,448 from last year but is more than double the same eight months of 1949 at \$6,287,609.



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision

AUGUST, 1951

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1951	1950	1951	1950	1951	1950
	\$	\$	\$	\$	\$	\$
<u>OPERATING REVENUES</u>						
Freight	73,239,448	50,540,325	37,513,000	24,647,000	28,742,342	19,840,275
Passenger	9,450,355	6,365,536	4,774,500	2,856,800	3,991,836	2,892,259
Mail	1,078,540	893,140	456,400	236,231	433,610	586,663
Express	3,688,737	2,027,474	X 2,697,200	X 1,723,036	842,587	213,088
Other passenger train	1,266,147	758,172	556,676	333,889	684,126	404,215
Water line	555,455	457,932	-	-	210,454	173,139
All other	4,538,289	3,821,527	2,779,624	1,915,344	1,356,384	1,609,928
Total Railway Operating Revenues	93,816,971	64,864,106	X 48,772,400	X 31,712,300	36,261,339	25,713,567
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	20,230,396	12,418,012	9,592,199	6,422,841	9,208,589	4,830,717
Maintenance of equipment	18,981,102	11,785,693	10,282,246	6,562,968	7,468,674	4,164,305
Traffic	1,666,007	1,536,389	718,849	673,466	817,327	751,051
Transportation	39,807,367	26,181,848	22,056,518	13,978,191	14,828,670	9,782,930
Miscellaneous operations	1,612,411	1,100,057	600,567	395,610	826,152	562,076
General	3,808,639	3,383,076	1,922,957	1,686,158	1,573,056	1,427,504
Total Railway Operating Expenses	86,105,922	56,405,075	45,173,336	29,719,234	34,723,068	21,518,583
<u>OPERATING INCOME</u>						
Net operating revenue	7,711,049	8,459,031	3,604,064	1,993,066	1,538,271	4,200,984
Railway tax accruals	2,084,975	2,627,763	462,183	670,868	1,133,000	1,507,214
Hire of equipment	Dr. 1,377,096	Dr. 1,057,485	Dr. 542,972	Dr. 422,285	Dr. 3,433	Cr. 124,560
Joint facilities rents	Dr. 217,824	Dr. 181,143	Cr. 6,309	Cr. 21,167	Dr. 143,929	Dr. 123,930
Operating income	4,031,154	4,592,640	2,605,218	921,080	257,909	2,694,400
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,289.73	43,323.29	22,499.12	22,519.49	17,007.1	17,019.3
♢ No. of tons carried (Rev. Fr.)	15,404,337	♢ 11,001,141	6,782,549	4,511,048	5,324,309	3,549,412
No. of tons carried one mile " " Thous.	5,404,558	♢ 3,466,041	2,727,534	1,644,078	2,240,111	1,441,232
No. of tons carried one mile (All Fr.) "	5,888,184	3,817,767	2,966,963	1,864,165	2,474,696	1,566,330
Gross ton miles, excl. of locomotive & tender "	12,515,567	8,473,413	6,341,306	4,101,167	5,149,895	3,374,023
No. of revenue passengers carried	2,563,064	2,022,359	1,404,489	1,072,181	880,642	689,809
No. of revenue passengers carried one mile "	334,531	♢ 232,364	166,141	105,984	143,067	102,822
Freight train miles	7,164,719	5,020,249	3,631,457	2,470,682	2,986,192	2,023,800
Passenger train miles	4,122,699	2,930,031	2,036,287	1,404,814	1,823,291	1,292,672
Total train miles (rev. and non rev.)	11,658,301	8,132,372	5,909,351	3,984,893	4,902,370	3,367,158
Freight car miles-loaded	188,845,634	132,394,617	97,142,168	65,636,295	75,897,968	52,132,808
Freight car miles-empty	90,439,222	60,857,130	46,282,189	28,676,750	37,112,904	24,398,766
Passenger train car miles	39,358,300	27,767,544	19,653,592	13,581,567	16,388,180	11,893,514
Total amount of pay-roll	\$ 54,110,185	\$ 34,399,933	\$ 30,422,652	\$ 19,079,052	\$ 20,570,809	\$ 12,839,487
Number of employees	203,273	185,217	116,328	106,008	76,390	68,545
Pay-roll chargeable to railway operating expenses	\$ 50,265,345	\$ 32,221,527	\$ 27,855,459	\$ 17,623,451	\$ 19,453,321	\$ 12,231,966
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$69.91	\$48.30	\$69.93	\$45.43	\$68.79	\$49.75
Operating expenses	\$64.16	\$42.00	\$64.77	\$42.57	\$65.86	\$40.79
No. of tons moved one mile (Rev. Fr.)	4,027	2,581	3,911	2,355	4,249	2,732
No. of tons moved one mile (All Fr.)	4,388	2,843	4,254	2,670	4,694	2,969
No. of rev. passengers carried one mile	249	173	238	152	271	195
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$10.22	\$10.07	\$10.33	\$9.98	\$9.63	\$9.80
No. of tons of freight (Rev. Fr.)	754	690	751	665	750	712
No. of tons of freight (All Fr.)	822	760	817	755	829	774
Gross ton miles	1,747	1,688	1,746	1,660	1,725	1,667
Loaded freight cars	26.4	26.5	26.8	26.6	25.4	25.8
Empty freight cars	12.6	12.1	12.7	11.6	12.4	12.1
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$3.76	\$3.43	X \$4.17	X \$3.67	\$3.26	\$3.17
Passengers carried	81	79	82	75	78	80
Passenger cars	9.5	9.5	9.7	9.7	9.3	9.2
Average operating expenses per train mile	\$7.39	\$6.94	\$7.64	\$7.46	\$7.08	\$6.39
Average length of haul (Rev. Fr.) Miles	351	315	402	364	421	406
Average passenger journey Miles	131	115	118	99	162	149
Average tons per loaded freight car mile	31.2	28.7	30.5	28.4	32.6	30.0
Average freight receipt per revenue ton mile	1.355¢	♢ 1.458¢	1.375¢	1.499¢	1.283¢	1.377¢
Average passenger receipt per passenger per mile	2.825¢	♢ 2.739¢	2.874¢	2.696¢	2.790¢	2.813¢
Ratio of operating pay roll to operating revenues	53.6%	49.7%	57.1%	55.6%	53.6%	47.6%
Ratio of operating expenses to revenues	91.78%	86.96%	92.61%	93.72%	95.76%	83.67%

♢ Revised

♢ Includes duplications.

X Includes gross express revenue.

AUGUST, 1951



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of August, 1951

	1951	1950
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 48,777,400	\$ 31,712,300
United States Lines	6,227,600	6,438,700
Total	55,005,000	38,151,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	45,173,336	29,719,234
United States Lines	5,755,664	5,151,766
Total	50,929,000	34,871,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	3,604,064	1,993,066
United States Lines	471,936	1,286,934
Total	4,076,000	3,280,000
<u>OPERATING INCOME</u>		
Canadian Lines	2,605,218	921,080
United States Lines	Dr. 237,969	656,699
Total	2,367,249	1,577,779
<u>SUMMARY</u>		
Eight months ended August 31, 1951		
<u>ALL RAILWAYS</u>		
Operating Revenues	703,928,400	590,984,363
Operating Expenses	638,138,018	535,481,875
Net Operating Revenue	65,790,382	55,502,488
Operating Income	33,574,628	31,659,671
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	356,167,800	296,818,300
United States Lines	51,140,200	47,643,700
Total	407,308,000	344,462,000
Operating Expenses - Canadian Lines	336,916,894	280,428,509
United States Lines	42,809,106	37,958,491
Total	379,726,000	318,387,000
Net Operating Revenue - Canadian Lines	19,250,906	16,389,791
United States Lines	8,331,094	9,685,209
Total	27,582,000	26,075,000
Operating Income - Canadian Lines	11,799,990	9,352,275
United States Lines	2,343,639	4,367,740
Total	14,143,629	13,720,015
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>		
Operating Revenues	279,033,453	236,201,578
Operating Expenses	253,675,917	213,226,624
Net Operating Revenue	25,357,536	22,974,954
Operating Income	13,083,308	15,684,756