

Published by Authority of the Rt. Hon. C. D. Howe, M.P.,  
Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES DIVISION**  
**OTTAWA**

Dominion Statistician, HERBERT MARSHALL

Director, Transportation and Public Utilities Division, G.S. Wong



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

20-4140

AUGUST, 1948

Operating revenues of Canadian railways during August established a new high for the month at \$73,163,386 compared with \$65,304,805 in August, 1947, an increase of \$7,858,581 or nearly 12 p.c., but were down seasonally \$88,500 from July of this year. The previous peak for August revenues was recorded in 1945. Freight revenues showed the main increase, rising from \$47,431,000 to \$55,833,000 or by 17.7 p.c. Express and water line income also registered improvement over the preceding August but passenger receipts, mail and other revenues were down with passenger account off 7.7 p.c. or \$743,762 to \$8,953,057. Expenses of operation continued well above the same month last year reaching a new peak for August at \$69,104,458, an increase of \$11,095,652 or 19.1 p.c. compared with the revenue gain of \$7,858,581. Maintenance of way and structures rose 25.7 p.c. or \$3,272,000 over August, 1947, to \$16,013,742, while maintenance of equipment was up \$1,857,850 or 15.8 p.c. to \$13,579,357. Transportation account at \$33,363,610 for the month was \$5,355,540 or 19.1 p.c. above the same month of 1947. Increased pay rolls accounted for the major portion of the advances in operating costs.

Reflecting reduced net revenues, some easing in tax accruals was shown, the total for the month receding \$311,425 to \$1,776,648 compared with \$2,088,073 in August, 1947; hire of equipment costs were also reduced over \$278,000. Operating income, exclusive of interest and other payments, was \$1,141,643 as against \$3,811,235 in the previous August, a decline of \$2,669,592.

Statistics of operation show that 15,981,471 tons of revenue freight was transported by all railways during the month, an increase of 1.8 p.c. or 252,733 tons over August, 1947, whereas ton mileage carried rose by 2.2 p.c. The number of revenue passengers was down from 3,669,860 to 3,303,979 or by 10 p.c., while average journey was unchanged at 117 miles. Loaded freight car miles decreased slightly from August, 1947, but empty mileage receded 5.2 p.c. - a saving of 3,819,877 empty car miles. Total pay roll distributed during the month climbed to \$43,442,824, up 24.9 p.c. or \$8,654,858 over August of last year. Employees increased in number from 177,270 to 185,182, so that the average earnings per employee were \$2,345.95 against \$1,962.43 one year earlier.

The first eight months showed total operating revenues of nearly \$546,000,000, up \$40,700,000, while operating revenues rose more sharply some \$70,300,000 to \$521,410,000. Operating income dropped from \$26,813,194 for the period to the end of August, 1947 to \$1,147,002 for the same months of the current year - a loss of some \$25,666,000.

**CANADIAN NATIONAL RAILWAYS:** Operating expenses on Canadian lines during August exceeded revenues by \$1,061,700 despite an improvement of \$3,167,000 in freight revenues over August, 1947. Total revenues were up \$2,761,300 or 8.7 p.c., but expenses jumped \$6,218,590 or 21.3 p.c. to produce the unfavourable showing. Passenger revenues dropped 11.9 p.c. from \$4,436,400 to \$3,909,400 while express improved by \$225,094 over the same month last year. All expense items were heavier with maintenance accounts rising \$2,936,000 and transportation up \$2,946,466. Taxes were up \$108,647 while hire of equipment eased \$268,041. Operating income registered a debit of \$1,786,564 against a credit of \$1,497,688 in August of 1947.

For the first eight months a deficit of \$10,184,786 is indicated in operating income for the Canadian lines of the system. However, a more encouraging year is reflected in the operations of the American lines which reported operating income of \$2,247,008 to the end of August, reducing the over all deficit on this account to \$7,937,758.

**CANADIAN PACIFIC RAILWAY COMPANY:** Revenues from operations rose by \$4,051,727 or 15.1 p.c. over the preceding August with freight up \$4,221,495 at \$23,626,936 and passenger revenue down 4.1 p.c. to \$4,261,570. Operating expenses increased by some \$3,886,513 to \$27,976,975 or by 16.1% with all expense items, except traffic, heavier. Tax accruals eased \$445,440 to \$811,548 and operating income improved from \$1,262,078 to \$1,912,743. A reduction of 1,128,160 empty freight car miles indicates more efficient use of facilities. Pay roll increased 26.1 p.c. over August, 1947 at \$18,789,276 while the number of employees rose 6 p.c. from 65,806 to 69,769.

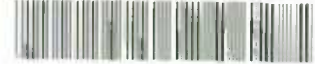
Cumulative totals to the end of August show operating income at \$3,514,152 compared with \$9,642,491 in the same period of 1947. However, there is outstanding against this balance certain debits to cover increased rates of pay for the period March 1st to July 31st, the advance of 17 cents per hour having been charged for the month of August only.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS  
August, 1948

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1 9 4 8	1 9 4 7	1 9 4 8	1 9 4 7	1 9 4 8	1 9 4 7
<u>OPERATING REVENUES</u>						
Freight	\$ 55,833,414	\$ 47,430,905	\$ 25,931,000	\$ 22,764,000	\$ 23,626,936	\$ 19,405,441
Passenger	8,953,057	9,696,819	3,909,400	4,436,400	4,261,570	4,445,635
Mail	685,585	697,112	307,518	309,543	311,621	329,290
Express	2,755,507	2,463,797	X 1,978,894	X 1,753,800	654,714	587,437
Other passenger train	954,407	984,272	424,798	439,942	513,832	522,860
Water line	553,319	/ 492,210	-	-	294,767	268,398
All other	3,428,097	/ 3,539,690	1,832,190	1,918,815	1,278,417	1,331,069
Total Railway Operating Revenues	73,163,386	65,304,805	X 34,383,800	X 31,622,500	30,941,857	26,890,130
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	16,013,742	12,741,836	8,086,251	6,338,809	6,422,236	5,236,233
Maintenance of equipment	13,579,357	11,721,507	6,720,872	5,532,698	5,729,908	5,298,366
Traffic	1,378,614	1,361,517	636,028	596,169	641,382	671,004
Transportation	33,363,610	28,008,070	17,835,281	14,888,815	12,999,345	10,952,877
Miscellaneous operations	1,481,794	1,305,400	511,646	414,861	808,558	743,977
General	3,287,321	2,870,456	1,655,422	1,455,558	1,375,546	1,188,005
Total Railway Operating Expenses	69,104,438	58,008,786	35,445,500	29,226,910	27,976,975	24,090,462
<u>OPERATING INCOME</u>						
Net operating revenue	4,058,948	7,296,019	Dr.1,061,700	2,395,590	2,964,882	2,799,668
Railway tax accruals	1,776,648	2,088,073	565,255	456,608	811,548	1,256,988
Hire of equipment	Dr. 970,814	Dr.1,249,012	Dr. 163,785	Dr. 451,826	Dr. 136,680	Dr. 183,817
Joint facilities rents	Dr. 169,843	Dr. 147,699	Cr. 4,176	Cr. 10,532	Dr. 103,911	Dr. 96,785
Operating income	1,141,643	3,811,235	Dr.1,786,564	1,497,688	1,912,743	1,262,078
<u>OPERATING STATISTICS</u>						
Average miles of road operated	42,550.68	42,546.77	21,733.88	21,726.98	17,031.7	17,034.7
∅ No. of tons carried (Rev.Fr.)	13,981,471	13,728,738	5,937,261	5,805,618	4,917,312	4,706,613
No. of tons carried one mile " " Thous.	4,662,832	4,563,213	2,232,317	2,147,595	2,012,528	1,995,765
No. of tons carried one mile (All Fr.) "	5,162,089	5,038,735	2,509,855	2,448,901	2,224,145	2,162,262
Gross ton miles, excl.of locomotive & tender "	10,880,312	10,820,360	5,290,355	5,272,660	4,600,017	4,541,980
No. of revenue passengers carried	3,303,979	3,669,860	1,699,440	1,869,997	1,262,798	1,419,596
No. of revenue passengers carried one mile "	386,126	430,049	171,877	201,961	182,766	192,979
Freight train miles	6,551,665	6,422,453	3,171,695	3,104,122	2,828,793	2,757,763
Passenger train miles	4,051,236	4,031,490	1,944,239	1,907,749	1,836,833	1,845,370
Total train miles (rev. and non rev.)	10,904,832	/ 10,736,674	5,311,682	5,193,279	4,737,814	4,678,229
Freight car miles - loaded	171,427,156	171,583,764	84,294,100	84,180,646	71,718,351	71,478,346
Freight car miles - empty	69,513,783	73,333,660	33,299,702	35,506,968	29,133,456	30,261,616
Passenger train car miles	38,696,490	/ 38,233,004	18,385,250	18,231,877	17,483,135	17,124,646
Total amount of pay roll	\$ 43,442,824	\$ 34,787,966	\$ 23,945,222	\$ 19,152,531	\$ 16,789,276	\$ 13,312,616
Number of employees	185,182	/ 177,270	104,347	100,829	69,769	65,806
Pay roll chargeable to rly. operating expenses	\$ 40,363,512	\$ 32,573,067	\$ 21,841,409	\$ 17,670,621	\$ 15,941,038	\$ 12,690,382
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$55.47	\$49.51	\$51.03	\$46.95	\$58.60	\$50.92
Operating expenses	\$52.39	\$43.98	\$52.61	\$43.39	\$52.99	\$45.62
No. of tons moved one mile (Rev.Fr.)	3,535	3,460	3,313	3,189	3,812	3,779
No. of tons moved one mile (All Fr.)	3,913	3,820	3,725	3,636	4,213	4,095
No. of revenue passengers carried one mile	293	326	255	300	346	365
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$8.52	\$7.39	\$8.18	\$7.33	\$8.35	\$7.04
No. of tons of freight (Rev.Fr.)	712	711	704	692	714	724
No. of tons of freight (All Fr.)	788	785	791	789	786	784
Gross ton miles	1,661	1,685	1,668	1,659	1,626	1,647
Loaded freight cars	26.2	26.7	26.6	27.1	25.4	25.9
Empty freight cars	10.6	11.4	10.5	11.4	10.3	11.0
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$3.29	\$3.43	X \$3.41	X \$3.64	\$3.13	\$3.19
Passengers carried	95	107	88	106	100	105
Passenger cars	9.6	9.5	9.5	9.6	9.5	9.3
Average operating expenses per train mile	\$6.34	/ \$5.40	\$6.67	\$5.63	\$5.91	\$5.15
Average length of haul (Rev.Fr.) Miles	334	332	376	370	409	424
Average passenger journey Miles	117	117	101	108	145	136
Average tons per loaded freight car mile	30.1	29.4	29.8	29.1	31.0	30.3
Average freight receipt per revenue ton mile	1.197¢	1.039¢	1.162¢	1.060¢	1.174¢	0.972¢
Average passenger receipt per passenger per mile	2.319¢	2.255¢	2.275¢	2.197¢	2.332¢	2.304¢
Ratio of operating pay roll to operating revenues	55.2%	49.9%	63.5%	55.9%	51.5%	47.2%
Ratio of operating expenses to revenues	94.45%	88.83%	103.09%	92.42%	90.42%	89.59%

∅ Includes duplications. / Revised. X Includes gross express revenue.





1010543343

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of August, 1948

		1948	1947
<u>OPERATING REVENUES</u>			
Canadian Lines		\$ 34,383,800	\$ 31,622,500
United States Lines		6,056,200	5,396,500
Total		40,440,000	37,019,000
<u>OPERATING EXPENSES</u>			
Canadian Lines		35,445,500	29,226,910
United States Lines		4,724,500	4,312,090
Total		40,170,000	33,539,000
<u>NET OPERATING REVENUE</u>			
Canadian Lines		Dr. 1,061,700	2,395,590
United States Lines		1,331,700	1,084,410
Total		270,000	3,480,000
<u>OPERATING INCOME</u>			
Canadian Lines		Dr. 1,786,564	1,497,688
United States Lines		729,943	486,895
Total		Dr. 1,056,621	1,984,583
<u>SUMMARY</u>			
Eight months ended August 31, 1948			
<u>ALL RAILWAYS</u>			
Operating Revenues		545,993,569	505,338,281
Operating Expenses		521,410,234	451,110,680
Net Operating Revenue		24,583,335	54,227,601
Operating Income		1,147,002	26,813,194
<u>CANADIAN NATIONAL RAILWAYS</u>			
Operating Revenues - Canadian Lines		265,945,800	247,592,900
United States Lines		44,759,200	39,696,100
Total		310,705,000	287,289,000
Operating Expenses - Canadian Lines		269,887,723	229,140,472
United States Lines		37,764,277	32,333,528
Total		307,652,000	261,474,000
Net Operating Revenue - Canadian Lines		Dr. 3,941,923	18,452,428
United States Lines		6,994,923	7,362,572
Total		3,053,000	25,815,000
Operating Income - Canadian Lines		Dr. 10,184,766	11,460,843
United States Lines		2,247,008	2,424,002
Total		Dr. 7,937,758	13,884,845
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>			
Operating Revenues		221,588,445	206,974,032
Operating Expenses		209,974,625	184,868,673
Net Operating Revenue		11,613,820	22,105,359
Operating Income		3,514,152	9,642,491