

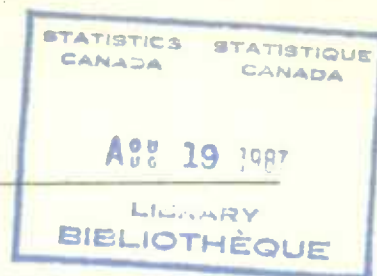


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**DOMINION BUREAU OF STATISTICS  
TRANSPORTATION DIVISION  
OTTAWA**

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**

SEPTEMBER, 1948

Canadian railways had record operating revenues of \$79,481,745 during September compared with \$66,135,753 in the same month last year for an increase of \$13,346,010 or 20.2 p.c. This is the highest revenue total for any month in railroad history. With freight volume up 4.6 p.c. over September last year and rates increased, freight revenues jumped \$12,588,472 to \$63,398,856, up 24.8 p.c. to establish a new peak in this phase of operations. Passenger revenues improved by 3.5 p.c. or \$256,144 to \$7,589,940 and compare with \$5,126,597 in September, 1938. All other revenue accounts showed improvement over the same period last year, express increasing by \$517,224, or up 11.9 p.c.

Operating expenses likewise registered widespread gains over September, 1947, totalling \$69,582,920 as against \$59,199,646, a rise of 17.5 p.c. Maintenance of way and structures and equipment cost some \$50,540,000 during the month, an increase of \$4,985,000 over the same month of last year. Transportation expenses were up from \$28,329,467 to \$33,468,713, or by 18.1 p.c. Increased pay rolls affected all departments.

Net operating revenue improved nearly \$2,963,000 to \$9,898,823 but taxes increased by \$797,755 in comparison with September, 1947. Hire of equipment and joint facilities rent eased \$43,267. Operating income advanced from \$5,105,843 to \$5,513,591.

During September the Canadian National paid \$17,298,709 of backtime pay covering March 1 - June 30 increases, and the Canadian Pacific issued \$11,788,578 extra to cover retroactive pay for the period, March 1st - July 31st. The smaller lines reported \$823,161 retroactive pay, which is included in their September pay rolls. For the two major lines this backtime item, totalling \$29,085,087, was not included in the current statistics but appears only in the cumulative. Pay rolls as now reported monthly are according to the new wage scales.

Revenue freight carried by all railways increased from 14,905,135 tons in September, 1947, to 15,588,601 or by 4.6 p.c., while freight mileage advanced 6.3 p.c. The number of revenue passengers rose by 8,812 to 2,794,070 and the average journey was 111 miles against 109 one year earlier. Average freight receipts per revenue ton mile improved from 1.005 cents to 1.180 cents. In other words, it cost the public an average of just over one cent to haul a ton of freight one mile in Canada during September. Pay roll distributed for the month was \$45,370,812, up \$8,972,199 or 28.1 p.c. over September, 1947, and the number of employees was 4.5 p.c. greater at 185,995 compared with 176,145. An improvement was shown in the ratio of loaded freight car miles vis-à-vis empty mileage run, loaded mileage totalling 189,777,259 against 181,179,790 miles in September, 1947, while empty car mileage dropped from 81,417,667 to 80,217,598 miles.

During the period January to September operating revenues of all railways aggregated over \$625,475,000 compared with \$571,474,000 in the first nine months of 1947. However, expenses, including back pay and increased wage rates payments, rose over \$80 millions in the same comparison climbing from \$510,510,000 to \$590,995,000 and operating income dropped from \$29,918,537 in 1947 to \$6,460,593.

**CANADIAN NATIONAL RAILWAYS:** Operating revenues on Canadian lines during September reached \$57,616,800, a new monthly record for the system and were 19.5 p.c. or some \$6,155,000 above the same month last year. The gain was principally in freight receipts which improved by \$5,716,000 or over 24 p.c. Revenue freight tonnage was up 5.5 p.c. Operating expenses climbed \$4,959,000 in the same comparison or by 16.8 p.c. to \$54,424,760. Taxes were \$109,246 heavier but operating income improved from \$1,278,136 in September of 1947 to \$2,428,183 in the month under review. Heavier grain, live stock and coal movements increased car loadings by 5.5 p.c. over the same month of last year, while ton mileage carried improved 7.2 p.c. Some 5,321 more passengers were carried, up 0.4 p.c. Total pay roll for the month, excluding \$17,298,709 of backtime covering March 1st to June 30th, was \$25,589,092, an increase of \$4,497,185 or 25.8 p.c., while employees rose by 4,151 in number. Operating income on American lines of the system has been more encouraging due to higher freight rates than in Canada, the total for the first nine months showing a credit of \$5,241,958 against an operating loss of \$7,758,605 for the Canadian section. The result is that the entire system had a debit of \$4,516,665 for the period against a credit of \$14,951,767 in the same months of 1947, a decline of some \$19,448,000 in operating income.

**CANADIAN PACIFIC RAILWAY COMPANY:** Revenues attained a new high of \$53,998,595 in September, up 21.6 p.c., or \$8,024,452 over the same month of 1947. Freight revenue improved by \$5,693,220 and passenger revenue by \$547,855. Expenses rose \$4,217,904 to \$29,096,516, or by 17.0 p.c. Taxes increased by nearly \$452,000 and the resulting operating income advanced from \$959,951 to \$2,300,675. Revenue freight tonnage was up 7.5 p.c. against an increase of 6.3 p.c. in revenue ton mileage. A rise of 46,950 or 4.7 p.c. was shown in the number of revenue passengers carried while average journey rose from 128 to 135 miles. Pay roll stood at \$16,419,589, up \$5,221,966 or 24.4 p.c. over the previous September while employees increased by 3,512 or 5.4 p.c. Cumulative readings to the end of September reveal that C.P.R. revenues advanced \$20,639,000 while operating expenses jumped \$29,525,856 and operating income for the nine month period consequently declined from \$10,602,442 in 1947 to \$5,614,823 this year.



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision

September, 1948

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1948	1947	1948	1947	1948	1947
<u>OPERATING REVENUES</u>						
Freight	\$ 83,398,856	\$ 50,810,384	\$ 29,411,000	\$ 23,695,000	\$ 27,610,232	\$ 21,917,012
Passenger	7,589,940	7,333,796	3,408,500	3,436,700	3,472,944	3,125,311
Mail	718,163	666,279	307,459	296,681	346,394	316,593
Express	2,981,362	2,664,138	X 2,150,365	X 1,876,294	659,818	669,494
Other passenger train	955,376	926,581	433,244	420,863	501,083	487,333
Water line	484,430	421,885	-	-	248,330	205,214
All other	3,353,616	3,312,670	1,906,232	1,756,362	1,159,792	1,253,184
Total Railway Operating Revenues	79,481,743	66,135,733	X 37,616,800	X 31,481,900	33,998,593	27,974,141
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	15,199,489	13,118,289	6,953,431	6,078,548	6,801,845	5,917,749
Maintenance of equipment	15,340,062	12,435,894	7,750,265	5,926,638	6,335,423	5,481,553
Traffic	1,236,932	1,261,446	541,137	547,660	591,803	621,587
Transportation	33,468,713	28,329,467	17,242,209	15,085,460	13,415,575	10,986,165
Miscellaneous operations	1,357,284	1,154,766	406,036	370,429	776,508	659,658
General	2,980,440	2,899,784	1,531,682	1,457,296	1,175,362	1,211,900
Total Railway Operating Expenses	69,532,920	59,199,646	34,424,760	29,466,031	29,096,516	24,878,612
<u>OPERATING INCOME</u>						
Net operating revenue	9,898,823	6,936,087	3,192,040	2,015,869	4,902,077	3,095,529
Railway tax accruals	3,451,946	2,654,191	565,254	456,008	2,385,970	1,933,991
Hire of equipment	Dr. 984,760	Dr. 1,007,577	Dr. 203,721	Dr. 266,772	Dr. 129,878	Dr. 121,159
Joint facilities rents	Dr. 148,526	Dr. 168,976	Cr. 3,098	Dr. 14,953	Dr. 85,556	Dr. 80,428
Operating income	5,313,591	3,105,343	2,426,163	1,278,136	2,300,673	959,951
<u>OPERATING STATISTICS</u>						
Average miles of road operated	42,550.68	42,554.99	21,733.88	21,735.20	17,031.7	17,034.7
∅ No. of tons carried (Rev.Fr.)	15,588,601	14,905,135	6,548,801	6,206,784	5,737,934	5,335,853
No. of tons carried one mile " " Thous.	5,374,544	5,056,003	2,513,721	2,343,805	2,421,700	2,278,716
No. of tons carried one mile (All Fr.) "	5,853,159	5,515,312	2,773,200	2,594,306	2,629,807	2,479,822
Gross ton miles, excl. of locomotive & tender "	12,219,865	11,700,912	5,782,461	5,558,510	5,417,131	5,110,409
No. of revenue passengers carried	2,794,070	2,785,258	1,433,661	1,428,340	1,045,499	998,549
No. of revenue passengers carried one mile "	310,896	304,358	141,212	143,128	140,984	127,826
Freight train miles	7,064,504	6,752,335	3,340,940	3,210,561	3,145,989	2,972,755
Passenger train miles	3,825,783	3,767,966	1,841,825	1,796,150	1,711,400	1,696,844
Total train miles (rev. and non rev.)	11,176,994	10,745,432	5,376,886	5,149,883	4,914,867	4,722,515
Freight car miles - loaded	189,777,259	181,179,790	92,578,539	87,399,159	81,457,893	77,677,819
Freight car miles - empty	80,217,398	81,417,667	35,044,174	38,230,230	37,707,389	35,297,090
Passenger train car miles	36,145,810	34,609,809	17,280,852	16,563,767	15,982,838	15,163,936
Total amount of pay roll	\$ 1/ 43,370,812	\$ 34,398,613	\$ 23,389,092	\$ 18,891,907	\$ 16,419,589	\$ 13,197,623
Number of employees	183,995	176,145	104,158	100,007	69,085	65,573
Pay roll chargeable to rly. operating expenses	\$ 2/ 39,034,972	\$ 31,931,490	\$ 20,109,049	\$ 17,258,838	\$ 15,499,070	\$ 12,480,206
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$62.26	\$51.80	\$57.69	\$48.28	\$66.54	\$54.74
Operating expenses	\$54.51	\$46.37	\$52.80	\$45.19	\$56.95	\$48.68
No. of tons moved one mile (Rev.Fr.)	4,210	3,960	3,855	3,594	4,740	4,459
No. of tons moved one mile (All Fr.)	4,585	4,320	4,253	3,979	5,147	4,852
No. of revenue passengers carried one mile	244	238	217	220	276	250
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$8.97	\$7.52	\$8.80	\$7.38	\$8.78	\$7.37
No. of tons of freight (Rev.Fr.)	761	749	752	730	770	767
No. of tons of freight (All Fr.)	829	817	830	808	836	834
Gross ton miles	1,730	1,733	1,731	1,731	1,722	1,719
Loaded freight cars	26.9	26.8	27.7	27.2	25.9	26.1
Empty freight cars	11.4	12.1	10.5	11.9	12.0	11.9
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$3.20	\$5.08	X \$3.42	X \$3.36	\$2.91	\$2.71
Passengers carried	81	81	77	80	82	75
Passenger cars	9.4	9.2	9.4	9.2	9.3	8.9
Average operating expenses per train mile	\$6.23	1/ \$5.51	\$6.40	\$5.72	\$5.92	\$5.27
Average length of haul (Rev.Fr.) Miles	345	339	384	378	422	427
Average passenger journey Miles	111	109	98	100	135	128
Average tons per loaded freight car mile	30.8	30.4	30.0	29.7	32.3	31.9
Average freight receipt per revenue ton mile	1.180¢	1.005¢	1.170¢	1.011¢	1.140¢	0.962¢
Average passenger receipt per passenger per mile	2.441¢	2.410¢	2.414¢	2.401¢	2.463¢	2.445¢
Ratio of operating pay roll to operating revenues	49.1%	48.3%	53.5%	54.3%	45.8%	44.6%
Ratio of operating expenses to revenues	87.55%	89.51%	91.51%	93.60%	85.58%	88.93%

∅ Includes duplications.

1/ Includes \$823,161 backtime.

2/ Includes \$809,117 backtime.

X Includes gross express revenue

1/ Revised.

September, 1948





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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of September, 1948

		1948	1947
<u>OPERATING REVENUES</u>			
Canadian Lines		\$ 37,616,800	\$ 31,481,900
United States Lines		6,226,200	5,001,100
Total		43,843,000	36,483,000
<u>OPERATING EXPENSES</u>			
Canadian Lines		34,424,760	29,466,031
United States Lines		4,645,240	4,549,969
Total		39,070,000	34,016,000
<u>NET OPERATING REVENUE</u>			
Canadian Lines		3,192,040	2,015,869
United States Lines		1,580,960	451,131
Total		4,773,000	2,467,000
<u>OPERATING INCOME</u>			
Canadian Lines		2,426,163	1,278,156
United States Lines		994,930	Dr. 231,214
Total		3,421,093	1,046,922
<u>SUMMARY</u>			
Nine months ended September 30, 1948			
<u>ALL RAILWAYS</u>			
Operating Revenues		625,475,312	571,474,014
Operating Expenses		590,993,154	510,510,526
Net Operating Revenue		34,482,158	61,163,688
Operating Income		6,460,593	29,918,537
<u>CANADIAN NATIONAL RAILWAYS</u>			
Operating Revenues - Canadian Lines		303,562,600	279,074,800
United States Lines		50,985,400	44,697,200
Total		354,548,000	323,772,000
Operating Expenses - Canadian Lines		304,312,483	258,606,503
United States Lines		42,409,517	36,883,497
Total		346,722,000	295,490,000
Net Operating Revenue - Canadian Lines		Dr. 749,883	20,468,297
United States Lines		8,575,883	7,813,703
Total		7,826,000	28,282,000
Operating Income - Canadian Lines		Dr. 7,758,603	12,738,979
United States Lines		3,241,938	2,192,788
Total		Dr. 4,516,665	14,931,767
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>			
Operating Revenues		255,587,038	234,948,175
Operating Expenses		239,071,141	209,747,285
Net Operating Revenue		16,515,897	25,200,888
Operating Income		5,814,825	10,602,442

ERRATA

JULY, 1948

Canadian National Railways

No. of tons carried (Rev.Fr.)  
Average length of haul (Rev.Fr.) Miles

<u>Reads</u>	<u>Should Read</u>
5,887,078	5,832,010
366	370

All Railways

No. of tons carried (Rev.Fr.)  
Average length of haul (Rev.Fr.) Miles

13,896,033	13,840,965
318	319

AUGUST, 1948

Canadian Pacific Railway Co.

Averages per Freight Train Mile  
No. of tons of Freight (Rev.Fr.)

714	711
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