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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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

20-4140

SEPTEMBER, 1947

Canadian railways earned \$66,135,733 in September, an increase of 6.4 per cent over \$62,174,277 for September 1946. Freight revenues were greater than in 1946 by \$4,265,632 or 9.2 per cent, but passenger revenues declined by \$956,421 or by 11.6 per cent. Operating expenses increased by 1.4 per cent to \$59,199,646 and the operating income was increased from \$1,734,706 to \$3,105,343. Although freight revenues increased, revenue ton miles decreased by 1.7 per cent and the average haul declined from 367 to 339 miles. The number of revenue passengers carried declined by 10.6 per cent and the passenger miles by 18.5 per cent. The total pay roll increased from \$31,848,458 to \$34,398,613; both included back pay. The number of employees increased from 169,463 to 176,205 or by 4.0 per cent.

For January - September operating revenues increased from \$519,363,393 in 1946 to \$571,474,014 and operating expenses from \$458,958,545 to \$510,310,326, and the operating income decreased from \$36,163,263 to \$29,918,537.

CANADIAN NATIONAL RAILWAYS: Operating revenues of the Canadian lines increased from \$30,336,100 in 1946 to \$31,481,900 or by 3.8 per cent but operating expenses increased from \$27,506,244 to \$29,466,031 or by 7.1 per cent, reducing the operating income from \$2,297,935 to \$1,278,136. The United States lines showed increased gross revenues, operating expenses and operating income making the system operating income \$1,046,922 as compared with \$1,349,130 in September last year.

For January - September the system operating revenues increased from \$290,118,000 in 1946 to \$323,772,000, but with expenses increasing from \$259,736,000 to \$295,490,000, the operating income was reduced from \$22,313,802 to \$14,931,767.

CANADIAN PACIFIC RAILWAY COMPANY: With revenues increased from \$26,047,938 in 1946 to \$27,974,141 and operating expenses reduced from \$26,259,059 to \$24,878,612 the operating income was increased from a debit of \$1,011,414 to a credit of \$959,951. Revenue freight ton miles increased less than one per cent but freight revenues were up by \$2,243,977 or 11.4 per cent. Passenger miles, however, declined by 26.6 per cent and passenger revenues by \$622,539 or 16.6 per cent.

For January - September operating revenues increased from \$216,027,005 in 1946 to \$234,948,173 and operating expenses from \$193,651,359 to \$209,747,285 and the operating income from \$9,160,447 to \$10,602,442.

SEPTEMBER, 1947

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1947	1946	1947	1946	1947	1946
OPERATING REVENUES						
Freight	\$ 50,810,384	\$ 46,544,752	\$ 23,695,000	\$ 22,482,000	\$ 21,917,012	\$ 19,673,035
Passenger	7,333,796	8,290,217	3,436,700	3,709,400	3,125,311	3,747,850
Mail	666,279	675,916	296,681	285,129	316,593	335,020
Express	2,664,138	2,503,185	X 1,876,294	X 1,763,000	669,494	673,403
Other passenger train	926,581	939,493	420,863	394,023	487,533	526,694
Water line	421,885	369,867	-	-	205,214	200,890
All other	3,312,670	2,850,847	1,756,362	1,702,548	1,253,184	891,046
Total Railway Operating Revenues	66,135,733	62,174,277	X31,481,900	X30,336,100	27,974,141	26,047,938
OPERATING EXPENSES						
Maintenance of way and structures	13,118,289	11,926,325	6,078,548	5,423,690	5,917,749	5,236,212
Maintenance of equipment	12,435,894	12,889,195	5,926,638	5,652,557	5,481,553	6,366,029
Traffic	1,261,446	1,245,521	547,660	556,814	621,587	606,456
Transportation	28,529,467	28,192,133	15,085,460	14,073,046	10,986,165	12,078,929
Miscellaneous operations	1,154,766	1,306,398	370,429	371,396	659,658	780,345
General	2,899,784	2,819,493	1,457,296	1,428,741	1,211,900	1,191,088
Total Railway Operating Expenses	59,199,646	58,379,065	29,466,031	27,506,244	24,878,612	26,259,059
OPERATING INCOME						
Net operating revenue	6,936,087	3,795,212	2,015,869	2,829,856	3,095,529	Dr. 211,121
Railway tax accruals	2,654,191	1,198,718	456,008	322,282	1,933,991	671,548
Hire of equipment	Dr. 1,007,577	Dr. 758,362	Dr. 266,772	Dr. 217,862	Dr. 121,159	Dr. 84,617
Joint facilities rents	Dr. 168,976	Dr. 103,426	Dr. 14,953	Cr. 8,223	Dr. 80,428	Dr. 44,128
Operating income	3,105,343	1,734,706	1,278,136	2,297,935	959,951	Dr. 1,011,414
OPERATING STATISTICS						
Average miles of road operated	42,554.99	42,564.81	21,735.20	21,742.93	17,034.7	17,037.1
No. of tons carried (Rev. Fr.)	14,905,135	14,010,241	6,206,784	6,110,929	5,355,833	4,713,662
No. of tons carried one mile " " Thous.	5,056,003	5,142,261	2,343,805	2,484,193	2,278,716	2,263,460
No. of tons carried one mile (All Fr.) "	5,515,312	5,587,531	2,594,306	2,770,085	2,479,822	2,414,270
Gross ton miles, excl. of locomotive & tender "	11,700,912	11,722,425	5,558,510	5,788,220	5,110,409	4,969,588
No. of revenue passengers carried	2,785,258	3,114,237	1,428,340	1,551,513	998,549	1,156,541
No. of revenue passengers carried one mile "	304,358	373,375	143,128	160,561	127,826	174,231
Freight train miles	6,752,335	6,730,172	3,210,561	3,266,433	2,972,755	2,936,324
Passenger train miles	3,767,966	3,708,291	1,796,150	1,767,733	1,696,844	1,670,499
Total train miles (rev. and non rev.)	10,788,832	10,651,766	5,149,883	5,165,852	4,722,515	4,648,216
Freight car miles - loaded	181,179,790	180,521,518	87,399,159	89,817,584	77,677,819	75,454,437
Freight car miles - empty	81,417,667	82,919,725	38,230,230	39,763,763	35,297,090	35,057,748
Passenger train car miles	34,607,121	35,082,168	16,563,767	16,877,397	15,163,936	15,469,021
Total amount of pay roll	\$ 4/34,398,613	\$ 1/31,848,458	\$6/18,891,907	\$2/17,793,099	\$ 13,197,623	\$3/11,297,868
Number of employees	176,205	169,463	100,007	96,132	65,573	62,684
Pay roll chargeable to rly. operating expenses	\$ 5/31,931,490	\$ 1/30,918,351	\$6/17,258,838	\$2/17,527,801	\$ 12,480,206	\$3/10,750,604
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$51.80	\$48.69	\$48.28	\$46.51	\$54.74	\$50.96
Operating expenses	\$46.37	\$45.72	\$45.19	\$42.17	\$48.68	\$51.38
No. of tons moved one mile (Rev. Fr.)	3,960	4,027	3,594	3,808	4,459	4,428
No. of tons moved one mile (All Fr.)	4,320	4,376	3,979	4,247	4,852	4,724
No. of revenue passengers carried one mile	238	292	220	246	250	341
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$7.52	\$6.92	\$7.38	\$6.88	\$7.37	\$6.70
No. of tons of freight (Rev. Fr.)	749	764	730	761	767	771
No. of tons of freight (All Fr.)	817	830	808	848	834	822
Gross ton miles	1,733	1,742	1,731	1,772	1,719	1,692
Loaded freight cars	26.8	26.8	27.2	27.5	26.1	25.7
Empty freight cars	12.1	12.3	11.9	12.2	11.9	11.9
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$3.08	\$3.35	X \$3.36	X \$3.48	\$2.71	\$3.16
Passengers carried	81	101	80	91	75	104
Passenger cars	9.2	9.5	9.2	9.5	8.9	9.3
Average operating expenses per train mile	\$5.49	\$5.48	\$5.72	\$5.32	\$5.27	\$5.65
Average length of haul (Rev. Fr.) Miles	339	367	378	407	427	480
Average passenger journey Miles	109	120	100	103	128	151
Average tons per loaded freight car mile	30.4	31.0	29.7	30.8	31.9	32.0
Average freight receipt per revenue ton mile	1.005¢	0.905¢	1.011¢	0.905¢	0.962¢	0.869¢
Average passenger receipt per passenger per mile	2.410¢	2.220¢	2.401¢	2.310¢	2.445¢	2.151¢
Ratio of operating pay roll to operating revenues	48.3%	49.7%	54.8%	57.8%	44.6%	41.5%
Ratio of operating expenses to revenues	89.51%	93.90%	93.60%	90.67%	88.93%	100.81%

X - Includes gross express revenue. 6 - Includes duplications / - Revised 1/ Includes \$3,192,936 retroactive wage increase.
2/ Includes \$2,600,000 retroactive wage increase. 3/ Retroactive wage increase included in operating expenses but not in pay roll.
4/ Includes \$116,896 back pay. 5/ Includes \$116,810 back pay. 6/ Includes \$108,450 back time.

SEPTEMBER, 1947.



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of September, 1947

	1947	1946
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 31,481,900	\$ 30,336,100
United States Lines	5,001,100	4,091,900
Total	36,483,000	34,428,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	29,466,031	27,506,244
United States Lines	4,549,969	4,430,756
Total	34,016,000	31,937,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	2,015,869	2,829,856
United States Lines	451,131	Dr. 338,856
Total	2,467,000	2,491,000
<u>OPERATING INCOME</u>		
Canadian Lines	1,278,136	2,297,935
United States Lines	Dr. 231,214	Dr. 948,805
Total	1,046,922	1,349,130
<u>SUMMARY</u>		
(For Nine months ended September 30, 1947)		
<u>ALL RAILWAYS</u>		
Operating Revenues	571,474,014	519,363,393
Operating Expenses	510,310,326	458,958,545
Net Operating Revenue	61,163,688	60,404,848
Operating Income	29,918,537	36,163,263
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	279,074,800	255,537,700
United States Lines	44,697,200	34,580,300
Total	323,772,000	290,118,000
Operating Expenses - Canadian Lines	258,606,503	225,018,132
United States Lines	36,883,497	34,717,868
Total	295,490,000	259,736,000
Net Operating Revenue - Canadian Lines	20,468,297	30,519,568
United States Lines	7,613,703	Dr. 137,568
Total	28,282,000	30,382,000
Operating Income - Canadian Lines	12,738,979	26,558,653
United States Lines	2,192,788	Dr. 4,244,851
Total	14,931,767	22,313,802
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>		
Operating Revenues	234,948,173	216,027,005
Operating Expenses	209,747,285	193,651,359
Net Operating Revenue	25,200,888	22,375,646
Operating Income	10,602,442	9,160,447