

# D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

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## OPERATING REVENUES, EXPENSES & STATISTICS

### RAILWAYS IN CANADA

#### WITH ANNUAL OPERATING REVENUES OF \$500,000 OR OVER

VOL. 33

OCTOBER, 1953



Canadian railway operations of large companies brought operating revenues of \$101,470,737 down 1.1 p.c. from the October, 1952 total of \$102,630,111. Freight revenues were down slightly to \$82,300,513; passenger earnings were almost unchanged at \$6,463,334; mail income was up 70 p.c. to \$1,880,019; express brought 9 p.c. less revenues at \$4,461,631; miscellaneous passenger train revenues were unchanged at \$981,917; water line revenues rose 19 p.c. to \$512,972 and other revenues dropped nearly 11 p.c. to \$4,870,351 in the month reviewed.

Operating expenses were up 7.1 p.c. or by \$5,934,201 to \$89,796,458 with all expense groups being higher than in October, 1952. Maintenance of way and structures cost \$2,203,378 more at \$18,085,116 while the general expense account recorded the greatest percentage increase at over 18 p.c. and amounted to \$5,280,201 for the month.

Net operating revenue was \$11,674,279 in October, down \$7,093,575 from one year previously. Accrued taxes were \$2,884,663 lower at \$1,449,027, the debit balance on hire of equipment was \$80,591 lower at \$990,194 and the debit balance on joint facilities rents rose \$88,130 to \$228,510. These brought operating income to \$9,006,548, some \$4,216,451 below the October, 1952 total of \$13,222,999.

Tonnage of revenue freight carried was 7.6 p.c. lower at 15,276,814 tons but due to slightly longer average hauls the ton mileage fell by 7.3 p.c. to 5,486,788 thousand ton miles while higher freight rates brought the receipts per revenue ton mile up from 1.407 cents to 1.500 cents. The average passenger journey increased from 97 to 99 miles thus while revenue passengers were down 16,516 to 2,276,696 the passenger mileage rose by 1.3 p.c. to 226,110 thousand passenger miles. Railway payrolls were up 8 p.c. to \$57,623,338 while employees were up very slightly from 201,971 to 202,682 persons employed. The effect of higher wages combined with lower revenues was reflected in the ratio of operating pay roll to operating revenues which rose from 47.6 p.c. to 52.2 p.c. in the one year interval. The ratio of operating expenses to revenues was up from 81.71 p.c. to 88.49 p.c.

CANADIAN NATIONAL RAILWAYS: Revenues were down \$400,200 to \$52,947,500 with freight down \$785,000, passenger \$22,700, express \$263,600 and miscellaneous revenues \$33,731. Mail revenues were up sharply from \$485,700 to \$1,182,900 and other passenger train slightly to \$411,612. All expense accounts were higher and brought a 4.9 p.c. increase in total operating expenses to \$47,854,280.

The Canadian lines of the company had net operating revenue of \$5,093,220, \$2,623,383 less than one year earlier. Railway tax accruals were down slightly to \$759,792, hire of equipment had a credit balance of \$181,335 up \$62,865 from October, 1952 and joint facilities rents had a debit balance of \$10,619 compared with a credit balance of \$1,049. Operating income was thus \$2,570,820 lower at \$4,504,144.

CANADIAN PACIFIC RAILWAY COMPANY: Operations of this railway during October showed reduced revenues of \$39,756,933 almost \$300,000 below the previous October. Gains in freight, passenger, mail and water line revenues were nullified by heavier losses notably in the "all other" accounts. Operating expenses of the company were 10.3 p.c. higher at \$35,556,637 and were featured by increases of 17.5 p.c. in maintenance of way and structures, 15.7 p.c. in maintenance of equipment and 17.7 p.c. in the general accounts.

Net operating revenues of \$4,200,296 were \$3,616,469 lower than in October, 1952. Accrued taxes fell \$2,600,000 to \$200,000, hire of equipment cost \$116,320 less at a debit of \$45,913 and joint facilities rents took \$24,524 more at Dr \$124,146. Operating income for the month was \$3,830,237 a drop of \$924,673 from October, 1952.

Price per year \$1.00

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

October, 1953

Subject to Revision

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1953	1952	1953	1952	1953	1952
<b>OPERATING REVENUES</b>						
Freight	\$ 82,300,513	\$ 83,303,213	\$ 41,491,000	\$ 42,276,000	\$ 33,635,663	\$ 33,383,157
Passenger	6,463,334	6,459,845	3,126,200	3,148,900	2,849,776	2,800,659
Mail	1,880,019	1,102,735	1,182,900	485,700	604,757	517,685
Express	4,461,631	4,904,185	x 3,325,100	x 3,588,700	900,504	1,122,343
Other passenger train	981,917	981,940	411,612	403,981	553,838	557,869
Water line	512,972	430,348	-	-	195,259	134,570
All other	4,870,351	5,447,845	3,410,688	3,444,419	1,017,136	1,539,480
Total Railway Operating Revenues	101,470,737	102,630,111	x 52,947,500	x 53,347,700	39,756,933	40,055,763
<b>OPERATING EXPENSES</b>						
Maintenance of way and structures	\$ 18,085,116	\$ 15,881,738	\$ 8,929,177	\$ 8,073,510	\$ 7,691,584	\$ 6,544,590
Maintenance of equipment	21,102,898	19,162,363	10,863,733	10,218,439	8,942,819	7,729,547
Traffic	1,896,869	1,743,361	908,133	835,780	860,362	807,437
Transportation	42,103,321	41,397,752	23,720,315	23,608,249	15,375,850	14,815,756
Miscellaneous operations	1,328,053	1,225,090	514,096	451,670	640,578	603,725
General	5,280,201	4,451,953	2,918,826	2,443,449	2,045,444	1,737,943
Total Railway Operating Expenses	89,796,458	83,862,257	47,854,280	45,631,097	35,556,637	32,238,998
<b>OPERATING INCOME</b>						
Net operating revenue	\$ 11,674,279	\$ 18,767,854	\$ 5,093,220	\$ 7,716,603	\$ 4,200,296	\$ 7,816,765
Railway tax accruals	1,449,027	4,333,690	759,792	761,158	200,000	2,800,000
Hire of equipment	Dr. 990,194	Dr. 1,070,785	Gr. 181,335	Gr. 118,470	Dr. 45,913	Dr. 162,233
Joint facilities rents	Dr. 228,510	Dr. 140,380	Dr. 10,619	Gr. 1,049	Dr. 124,146	Dr. 99,622
Operating income	9,006,548	13,222,999	4,504,144	7,074,964	3,830,237	4,754,910
<b>OPERATING STATISTICS</b>						
Average miles of road operated	43,297.64	43,305.56	22,500.12	22,502.04	17,019.2	17,019.0
∅ No. of tons carried (Rev.Fr.)	15,276,814	16,535,134	6,607,289	7,131,886	5,432,058	5,798,198
No. of tons carried one mile " " Thous.	5,486,788	5,921,936	2,652,078	2,954,444	2,405,461	2,522,214
No. of tons carried one mile (All Fr.) "	5,875,397	6,396,847	2,851,419	3,204,506	2,581,383	2,734,620
Gross ton miles, excl. of locomotive & tender "	12,656,381	13,638,599	6,174,852	6,866,815	5,444,018	5,732,993
No. of revenue passengers carried	2,276,696	2,293,212	1,322,092	1,348,324	747,891	729,914
No. of revenue passengers carried one mile "	226,110	223,191	105,216	105,156	101,704	98,344

Freight train miles	6,999,727	7,579,499	3,405,083	3,819,716	3,080,529	3,243,187
Passenger train miles	3,841,647	3,861,203	1,899,467	1,924,476	1,691,778	1,675,743
Total train miles (rev. and non rev.)	11,059,221	11,684,261	5,413,853	5,889,333	4,862,652	4,994,530
Freight car miles - loaded	190,972,988	206,434,349	95,736,894	105,672,064	79,434,955	84,630,387
Freight car miles - empty	91,530,948	96,578,654	43,648,128	48,230,851	39,869,594	41,234,151
Passenger train car miles	35,273,149	34,794,962	17,737,063	17,617,942	15,046,687	14,664,731
Total amount of pay-roll	1/357,623,338	\$ 53,375,999	\$ 32,598,013	\$ 30,128,750	\$ 21,800,752	\$ 20,061,899
Number of employees	202,682	201,971	116,735	115,535	75,740	75,573
Pay-roll chargeable to Railway Operating Expenses	2/352,968,440	\$ 48,874,830	\$ 29,471,923	\$ 27,128,174	\$ 20,405,054	\$ 18,697,799
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>						
Operating revenue	\$ 75.60	\$ 76.45	\$ 75.91	\$ 76.48	\$ 75.35	\$ 75.92
Operating expenses	\$ 66.90	∕ \$ 62.47	\$ 68.61	\$ 65.41	\$ 67.39	\$ 61.11
No. of tons moved one mile (Rev.Fr.)	4,088	4,411	3,802	4,235	4,559	4,781
No. of tons moved one mile (All Fr.)	4,377	4,765	4,088	4,594	4,893	5,183
No. of revenue passengers carried one mile	168	166	151	151	193	186
<b>AVERAGES PER FREIGHT TRAIN MILE</b>						
Freight revenue	\$ 11.76	\$ 10.99	\$ 12.19	\$ 11.07	\$ 10.92	\$ 10.29
No. of tons of freight (Rev.Fr.)	784	781	779	773	781	778
No. of tons of freight (All Fr.)	839	844	837	839	838	843
Gross ton miles	1,808	1,799	1,813	1,798	1,767	1,768
Loaded freight cars	27.3	27.2	28.1	27.7	25.8	25.1
Empty freight cars	13.1	12.7	12.8	12.6	12.9	12.7
<b>AVERAGES PER PASSENGER TRAIN MILE</b>						
Passenger train revenues	\$ 3.59	\$ 3.48	x 4.24	x 3.96	\$ 2.90	\$ 2.98
Passengers carried	59	58	55	55	60	59
Passenger cars	9.2	9.0	9.3	9.2	8.9	8.8
Average operating expenses per train mile	\$ 8.12	\$ 7.18	\$ 8.84	\$ 7.75	\$ 7.31	\$ 6.45
Average length of haul (Rev.Fr.) Miles	359	358	401	414	443	435
Average passenger journey Miles	99	97	80	78	136	135
Average tons per loaded freight car mile	30.8	31.0	29.8	30.3	32.5	32.3
Average freight receipt per revenue ton mile	1.500¢	1.407¢	1.564¢	1.431¢	1.398¢	1.324¢
Average passenger receipt per passenger per mile	2.858¢	2.894¢	2.971¢	2.995¢	2.802¢	2.848¢
Ratio of operating pay roll to operating revenues	52.2%	47.6%	55.7%	50.9%	51.3%	46.7%
Ratio of operating expenses to revenues	88.49%	∕ 81.71%	90.38%	85.54%	89.44%	80.49%

1/ Includes backtime of \$ 75,907.

∅ Includes duplications.

2/ Includes backtime of \$ 29,822.

∕ Revised

x Includes gross express revenue.

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CANADIAN NATIONAL RAILWAYS

(Steam Lines in Canada and United States)

For the Month of October, 1953

	1953	1952
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 52,947,500	\$ 53,347,700
United States Lines	6,355,500	6,247,300
Total	\$ 59,303,000	\$ 59,595,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$ 47,854,280	\$ 45,631,097
United States Lines	5,372,720	5,537,903
Total	\$ 53,227,000	\$ 51,169,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	\$ 5,093,220	\$ 7,716,603
United States Lines	982,780	709,397
Total	\$ 6,076,000	\$ 8,426,000
<u>OPERATING INCOME</u>		
Canadian Lines	\$ 4,504,144	\$ 7,074,964
United States Lines	71,107	Dr. 182,619
Total	\$ 4,575,251	\$ 6,892,345
<u>SUMMARY</u>		
(Ten months ended October - 1953 and 1952)		
<u>ALL RAILWAYS</u>		
Operating Revenues	\$ 1,006,180,666	\$ 965,330,476
Operating Expenses	921,655,999	860,958,044
Net Operating Revenue	84,524,667	104,372,432
Operating Income	43,892,752	55,375,764
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	\$ 520,634,700	\$ 498,862,900
United States Lines	68,200,300	62,294,100
Total	\$ 588,835,000	\$ 561,157,000
Operating Expenses - Canadian Lines	\$ 503,267,841	\$ 469,289,563
United States Lines	55,500,159	54,289,437
Total	\$ 558,768,000	\$ 523,579,000
Net Operating Revenue- Canadian Lines	\$ 17,366,859	\$ 29,573,337
United States Lines	12,700,141	8,004,663
Total	\$ 30,067,000	\$ 37,578,000
Operating Income - Canadian Lines	\$ 11,634,911	\$ 20,484,376
United States Lines	3,054,900	Dr. 584,534
Total	\$ 14,689,811	\$ 19,899,842
<u>CANADIAN PACIFIC RAILWAY CO.</u>		
Operating Revenues	\$ 392,992,052	\$ 379,305,388
Operating Expenses	353,243,375	330,879,850
Net Operating Revenue	39,748,677	48,425,538
Operating Income	21,701,539	23,560,187