

52-003

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

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

VOL. 33



NOVEMBER, 1953

Operating revenues of railways during November were \$94,010,038, down 2.6 p.c. or \$2,526,487 from November, 1952. Operating expenses of \$86,528,183 also showed a slight reduction being \$307,772 lower than the revised \$86,835,955 expended the previous November. Lower net operating revenue was available, the \$7,481,855 being some \$2,218,715 less than the \$9,700,570 earned one year previously. Accrued taxes were \$754,001 higher at \$2,502,111; the debit balance on hire of equipment was reduced \$412,463 to a debit of \$566,598 and that on joint facilities rents rose \$59,838 to a debit of \$213,909 thus bringing operating income down \$2,620,091 to \$4,199,237 for the month.

Freight revenues at \$75,741,077 were some \$2,562,381 lower and express earnings at \$4,421,086 were down \$407,198. Passenger revenues were also down slightly but other revenue accounts were improved.

Transportation expenses were down \$1,766,265 to \$40,902,311 while maintenance of way and structures and traffic costs were slightly lower. Maintenance of equipment at \$20,382,984 cost \$848,614 more, miscellaneous operations were \$71,081 higher at \$1,234,546 and general expenses rose \$721,538 to \$5,423,430.

Revenue freight hauled was off 7.5 p.c. to 14,107,866 tons and revenue ton miles fell 13.9 p.c. to 5,252 million ton miles. This drop is apparent in a reduction in the average length of haul from 400 to 372 miles. Passengers carried rose by 48,630 fares to 2,184,395. The average passenger journey, however, was down from 96 to 92 miles and led to a 1.2 p.c. decline in revenue passenger miles to just under 202 million.

For the eleven month period ended November 30, 1953 revenues totalled \$1,100,190,704 against \$1,061,867,001 in the same period of 1952. Operating expenses rose more sharply from \$947,793,999 to \$1,008,184,182 and led to reduced net operating revenue of \$92,006,522 compared with \$114,073,002 in the 1952 eleven-month period. Operating income fell from \$62,195,092 to \$48,091,989 in the comparison.

CANADIAN NATIONAL RAILWAYS: Revenues of the Canadian lines of the system fell 3.1 p.c. in November to \$47,035,100 while expenses rose 4.0 p.c. to \$46,587,230. This brought the ratio of operating expenses to revenues to the dangerously high level of 99.05 p.c. Net operating revenues were down from \$3,729,133 in November, 1952 to \$447,870 in the month under review. An improvement of half a million dollars in equipment rents held the reduction in operating income to \$2,781,896. Income for the month amounted to just \$142,340.

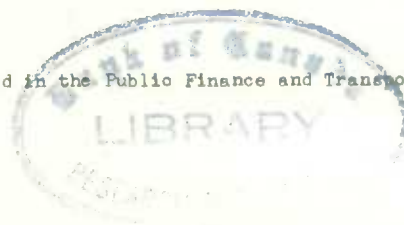
Revenue ton miles were down 16.6 p.c. to 2,578,846 thousand ton miles but passenger miles rose slightly to 95,228 thousand. Total employment was down 3.5 p.c. to 111,095 but the operating pay-roll was 7.3 p.c. higher at \$27,609,529 and brought the ratio of pay-roll to operating revenues up to 58.7 p.c.

CANADIAN PACIFIC RAILWAY COMPANY: Operating revenues for this company fell 1.0 p.c. in November to \$38,556,378 and operating expenses were down 4.8 p.c. to \$33,810,762. This resulted in an increase of \$1,294,624 in net operating revenue which stood at \$4,745,616. Tax accruals were \$700,000 higher at \$1,100,000 thus holding the gain in operating income to \$579,701. Operating income for the month was \$3,474,813.

The ratio of operating expenses to revenues improved from 91.14 p.c. in November, 1952 to 87.69 p.c. in the month reviewed. Operating payroll was up 7.3 p.c. to \$18,991,408 and resulted in an increase of the ratio of operating payroll to operating expenses from 45.4 p.c. to 49.3 p.c.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

NOVEMBER, 1953

Subject to Revision

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1953	1952	1953	1952	1953	1952
<u>OPERATING REVENUES</u>						
Freight	\$ 75,741,077	\$ 78,303,458	\$ 36,674,000	\$ 37,936,000	\$ 32,105,962	\$ 32,885,480
Passenger	5,790,412	5,885,395	2,837,400	2,832,800	2,538,248	2,576,317
Mail	1,266,411	1,150,453	598,000	532,900	578,396	517,783
Express	4,421,086	4,828,284	x 3,170,500	x 3,475,000	978,441	1,055,828
Other passenger train	880,498	865,870	353,675	344,263	509,951	502,639
Water line	487,029	460,527	-	-	190,066	186,842
All other	5,423,525	5,042,238	3,401,525	3,400,137	1,656,314	1,223,755
Total Railway Operating Revenues	94,010,038	96,536,525	x 47,035,100	x 48,521,100	38,556,378	38,948,644
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	\$ 16,758,296	\$ 16,921,237	\$ 8,213,979	\$ 8,180,353	\$ 7,234,641	\$ 7,007,710
Maintenance of equipment	20,382,984	19,534,370	11,144,006	9,666,491	7,912,152	8,551,147
Traffic	1,826,616	1,846,415	880,474	827,165	813,888	892,875
Transportation	40,902,311	42,668,576	22,841,500	23,215,828	15,199,653	16,562,988
Miscellaneous operations	1,234,546	1,163,465	473,667	437,215	606,588	570,600
General	5,423,430	4,701,892	3,033,604	2,464,915	2,043,840	1,912,332
Total Railway Operating Expenses	86,528,183	86,835,955	46,587,230	44,791,967	33,810,762	35,497,652
<u>OPERATING INCOME</u>						
Net operating revenue	\$ 7,481,855	\$ 9,700,570	\$ 447,870	\$ 3,729,133	\$ 4,745,616	\$ 3,450,992
Railway tax accruals	2,502,111	1,748,110	759,792	761,158	1,100,000	400,000
Hire of equipment	Dr. 566,598	Dr. 979,061	Cr. 462,628	Dr. 45,321	Dr. 55,665	Dr. 55,705
Joint facilities rents	Dr. 213,909	Dr. 154,071	Dr. 8,366	Cr. 1,582	Dr. 115,138	Dr. 100,175
Operating income	4,199,237	6,819,328	142,340	2,924,236	3,474,813	2,895,112
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,297.57	43,305.51	22,500.05	22,501.99	17,019.2	17,019.0
∅ No. of tons carried (Rev.Fr.)	14,107,866	15,265,760	5,924,552	6,528,616	5,138,586	5,240,464
No. of tons carried one mile " " Thous.	5,252,015	6,099,622	2,578,846	3,092,452	2,278,986	2,607,227
No. of tons carried one mile (All Fr.) "	5,640,572	6,549,911	2,766,981	3,342,822	2,469,822	2,797,344
Gross ton miles, excl. of locomotive & tender "	12,180,562	13,958,050	6,032,762	7,045,933	5,175,613	6,963,506
No. of revenue passengers carried	2,184,395	2,135,765	1,286,029	1,263,046	715,530	674,482
No. of revenue passengers carried one mile "	201,992	204,391	95,228	94,152	89,806	91,396

Freight train miles	6,189,819	7,632,099	2,798,301	3,849,730	2,918,910	3,303,629
Passenger train miles	3,550,827	3,666,036	1,696,557	1,819,037	1,621,702	1,586,043
Total train miles (rev. and non rev.)	10,016,327	11,474,478	4,704,433	5,782,640	4,594,703	4,939,838
Freight car miles - loaded	180,554,562	206,747,780	92,129,710	108,113,456	73,610,779	84,334,033
Freight car miles - empty	90,947,464	103,889,855	44,413,002	48,308,722	39,121,422	49,037,150
Passenger train car miles	33,293,023	33,680,844	16,660,824	17,040,821	14,203,956	14,033,678
Total amount of pay-roll	1/ \$53,966,318	\$ 50,369,544	\$ 30,643,494	\$ 28,478,940	\$ 20,379,808	\$ 18,892,561
Number of employees	193,833	200,851	111,095	115,151	73,066	75,266
Pay-roll chargeable to Railway Operating Expenses	\$49,420,327	\$ 46,313,658	\$ 27,609,529	\$ 25,740,359	\$ 18,991,408	\$ 17,692,568
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$ 72.38	\$ 74.31	\$ 69.68	\$ 71.88	\$ 75.52	\$ 76.28
Operating expenses	\$ 66.62	\$ 66.84	\$ 69.02	\$ 66.35	\$ 66.22	\$ 69.53
No. of tons moved one mile (Rev.Fr.)	4,043	4,695	3,821	4,581	4,464	5,107
No. of tons moved one mile (All Fr.)	4,342	5,042	4,099	4,952	4,837	5,479
No. of revenue passengers carried one mile	156	157	141	139	176	179
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$ 12.24	\$ 10.26	\$ 13.11	\$ 9.85	\$ 11.00	\$ 9.95
No. of tons of freight (Rev.Fr.)	848	799	922	803	781	789
No. of tons of freight (All Fr.)	911	858	989	868	846	847
Gross ton miles	1,968	1,829	2,156	1,830	1,773	1,805
Loaded freight cars	29.2	27.1	32.9	28.1	25.2	25.5
Empty freight cars	14.7	13.6	15.9	12.6	13.4	14.8
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$ 3.48	\$ 3.47	x \$ 4.10	x \$ 3.95	\$ 2.84	\$ 2.93
Passengers carried	57	56	95	52	55	58
Passenger cars	9.4	9.2	9.8	9.4	8.8	8.8
Average operating expenses per train mile	\$ 8.64	\$ 7.57	\$ 9.90	\$ 7.75	\$ 7.36	\$ 7.19
Average length of haul (Rev.Fr.) Miles	372	400	435	474	444	498
Average passenger journey Miles	92	96	74	75	126	136
Average tons per loaded freight car mile	31.2	31.7	30.0	30.9	33.6	33.2
Average freight receipt per revenue ton mile	1.442¢	1.284¢	1.422¢	1.227¢	1.409¢	1.261¢
Average passenger receipt per passenger per mile	2.867¢	2.879¢	2.980¢	3.009¢	2.826¢	2.819¢
Ratio of operating pay roll to operating revenues	62.6%	48.0%	58.7%	53.0%	49.3%	45.4%
Ratio of operating expenses to revenues	92.04%	89.95%	99.05%	92.31%	87.69%	91.14%

1/ Includes Backtime of \$5,147.

x Includes gross express revenue.

∅ Includes duplications.

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CANADIAN NATIONAL RAILWAYS

(Steam Lines in Canada and United States)

For the Month of November, 1953

	1953	1952
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 47,035,100	\$ 48,521,100
United States Lines	5,870,900	6,539,900
Total	\$ 52,906,000	\$ 55,061,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$ 46,587,230	\$ 44,791,967
United States Lines	4,969,770	5,177,033
Total	\$ 51,557,000	\$ 49,969,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	\$ 447,870	\$ 3,729,133
United States Lines	901,130	1,362,867
Total	\$ 1,349,000	\$ 5,092,000
<u>OPERATING INCOME</u>		
Canadian Lines	\$ 142,340	\$ 2,924,236
United States Lines	4,796	375,728
Total	\$ 147,136	\$ 3,299,964
<u>SUMMARY</u>		
(Eleven months ended November - 1953 and 1952)		
<u>ALL RAILWAYS</u>		
Operating Revenues	\$1,100,190,704	\$1,061,867,001
Operating Expenses	1,008,184,182	947,793,999
Net Operating Revenue	92,006,522	114,073,002
Operating Income	48,091,989	62,195,092
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	\$ 567,669,800	\$ 547,384,000
United States Lines	74,071,200	68,834,000
Total	\$ 641,741,000	\$ 616,218,000
Operating Expenses - Canadian Lines	\$ 549,855,071	\$ 514,081,530
United States Lines	60,469,929	59,486,470
Total	\$ 610,325,000	\$ 573,568,000
Net Operating Revenue - Canadian Lines	\$ 17,814,729	\$ 33,302,470
United States Lines	13,601,271	9,367,530
Total	\$ 31,416,000	\$ 42,670,000
Operating Income - Canadian Lines	\$ 11,777,251	\$ 23,408,612
United States Lines	3,059,695	Dr. 208,806
Total	\$ 14,836,946	\$ 23,199,806
<u>CANADIAN PACIFIC RAILWAY CO.</u>		
Operating Revenues	\$ 431,548,430	\$ 418,254,032
Operating Expenses	387,054,137	366,377,502
Net Operating Revenue	44,494,293	51,876,530
Operating Income	26,447,155	26,455,299