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**D.B.S. MEMORANDUM**

Dominion Bureau of Statistics, Ottawa, Canada

**OPERATING REVENUES, EXPENSES & STATISTICS**

**RAILWAYS IN CANADA**

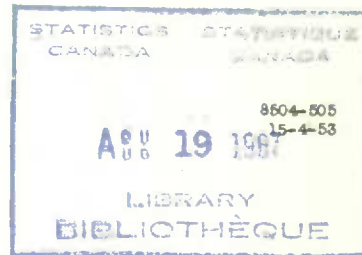
**WITH ANNUAL OPERATING REVENUES OF**

**\$500,000 OR OVER**

JANUARY, 1953

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Heavy backtime payments resulting out of wage increase settlements and charged against January operations by the C.N.R. produced a decidedly adverse overall financial result for the month. Operating income which had shown a deficit of \$728,960 for January of 1952 worsened to a debit of \$6,548,514. Railway operating revenues improved from \$88,031,678 to \$89,725,930, a rise of 1.9 p.c. or \$1,694,352 but operating expenses climbed 8.3 p.c. or \$7,060,953 to \$92,126,030. Tax accruals were up \$411,929 to \$2,940,192, equipment hire rose \$9,649 to \$1,012,833 and joint rents by \$31,375 to \$195,389.

All revenue accounts except passenger fares registered gains over the previous January. Freight earnings due to rate increases were better by \$1,018,188 or 1.4 p.c. moving up to a record for the month of \$73,151,445. Tonnage was 8.4 p.c. lighter but ton miles increased 2.2 p.c. Passenger receipts slipped nearly \$442,000 to \$6,525,442 off 6.3 p.c. as patrons carried declined 10.6 p.c. or by 296,694 to 2,507,306 and passenger miles eased 6.8 p.c. Mail earnings rose 2.4 p.c. while express continued more encouraging up 21.2 p.c. or \$526,231 to \$3,006,752. Miscellaneous revenues were 12.7 p.c. higher this January at \$4,898,440.

In the expense column, only maintenance of way and structures showed a reduction, easing 2.7 p.c. or \$381,271 to \$13,513,075. Equipment charges advanced 1.3 p.c. to \$21,953,799 for the month. Traffic required some \$112,000 or 6.9 p.c. more at \$1,730,185 while transportation expenses jumped 13.4 p.c. or \$5,679,805 to \$48,222,022 due to higher wage payments. General expenses were again far ahead, climbing 33.2 p.c. over January of 1952 to total \$5,356,080.

Total payroll including \$7,952,543 backtime charged by the C.N.R., amounted to \$62,087,699 going to 192,484 employees and compared with \$52,202,008 to 199,390 a year earlier. Employment thus dropped by 3.5 p.c. or 6,906 as both major lines apparently attempted to economize on working forces particularly on maintenance of way and structures.

Empty freight car mileage rose by some 7,968,000 while loaded mileage was up 3,744,000 miles. Average freight receipt per revenue ton mile was lower at 1.312 cents against 1.323 a year earlier due to heavier grain and primary products traffic. Average length of haul was up from 373 to 416 miles and average passenger journey increased by 4 miles to 89. Loading per freight car was slightly better at 31.9 tons.

**CANADIAN NATIONAL RAILWAYS:** A combination of increased wages to non-operating employees and a retroactive provision for operating employees produced a loss on operating income for Canadian lines of \$7,736,996 compared with one of \$1,855,826 in the preceding January. Operating revenues improved \$407,400 or nearly 1 p.c. to \$45,269,600 while expenses advanced 14.1 p.c. or \$6,453,358 to \$52,158,142. Tax accruals were up \$18,634 to \$779,792 but hire of equipment eased \$192,947 to a debit of \$65,696.

Freight earnings were nearly maintained this January at \$35,735,000, off only \$23,000. Tonnage carried declined 7.3 p.c. but revenue ton miles were up 3.3 p.c. with longer average hauls. Passenger fares shrank 9.4 p.c. to \$3,136,100 with numbers down 13.3 p.c. and passenger mileage reduced 10.5 p.c. Mail earnings improved 8.4 p.c. or \$40,400 while express was 14.6 p.c. or \$314,800 better at \$2,476,500. The all other account moved up \$392,497 to \$2,989,843. Maintenance expenses were pared 3.2 p.c. on way and 0.7 p.c. on equipment but other items were higher. Traffic charges rose 8.1 p.c. and transportation rose sharply from \$23,578,118 to \$29,391,909 due to the allowance for wage increases. General expenses climbed from \$2,057,762 to \$2,942,251 or by 43 p.c. Total payroll for the month, including \$7,952,543 backtime, grossed \$38,991,033, up 31.5 p.c. or \$9,347,462 but employment was reduced from 115,638 to 111,679, down 3.4 p.c.

Operating income for U.S. lines of the System was \$102,162 in January versus \$159,239 a year earlier. The System loss was thus \$7,634,834 compared with \$1,696,587 for January, 1952.

**CANADIAN PACIFIC RAILWAY COMPANY:** Despite a betterment of \$1,164,446 or 3.4 p.c. in operating revenues and an increase of only 1.9 p.c. or \$615,975 in expenses, heavier taxes, hire of equipment and rentals produced a reduction in operating income for January, the total moving down from \$119,337 to \$90,987. All operating accounts except passenger posted gains. Freight was 3.4 p.c. better, up \$988,164 to \$30,099,354. Tonnage carried decreased 9.4 p.c. from the previous January but longer hauls produced an advance of 3.3 p.c. in revenue ton miles. Passenger fares dropped 3.6 p.c. or \$105,537 to \$2,788,843 with patronage 6.5 p.c. less and passenger miles off 4 p.c. from January of 1952. Express receipts were much higher moving up 60.2 p.c. to \$258,621 with volume and rates increased. Miscellaneous receipts also were better at \$1,537,458 against \$1,368,304 a year earlier.

Maintenance of way and structures took 6 p.c. less this January at \$5,363,199 but equipment needed 4 p.c. more at \$9,012,544. Transportation charges advanced \$131,810 to \$15,924,151 and general expenses soared 25.3 p.c. or \$416,964 to \$2,062,820. Tax accruals were listed at \$1,600,000 or \$375,000 above the previous January. Hire of equipment showed a debit of \$98,688 against a credit of \$63,974 and rentals moved up from \$95,778 to \$134,937. Total payroll aggregated \$20,031,203 to 70,907 employees compared with \$19,668,590 to 74,183 a year earlier. Average monthly earnings were thus \$282.50 against \$265.14 in January, 1952, up 6.55 p.c.

Price per year \$1.00



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

JANUARY, 1953

Subject to Revision

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1953	1952	1953	1952	1953	1952
<u>OPERATING REVENUES</u>						
Freight	\$73,151,445	\$72,133,257	\$35,735,000	\$35,758,000	\$20,099,354	\$20,111,190
Passenger	6,525,442	6,967,402	3,136,100	3,460,200	2,788,843	2,894,380
Mail	1,126,628	1,100,185	522,000	481,600	506,359	501,910
Express	3,006,752	2,480,521	x 2,476,500	x 2,161,700	258,621	161,449
Other passenger train	954,716	942,813	410,157	403,354	525,072	516,595
Water line	62,507	60,502	-	-	49,932	47,365
All other	4,898,440	4,346,898	2,989,843	2,597,346	1,537,458	1,368,304
Total Railway Operating Revenues	89,725,930	88,031,578	x 45,269,600	x 44,862,200	35,765,639	34,601,192
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	13,513,075	13,894,346	6,811,124	7,034,502	5,363,195	5,707,396
Maintenance of equipment	21,953,799	21,674,040	11,697,731	11,785,086	9,012,544	8,662,754
Traffic	1,730,185	1,618,240	818,030	756,794	779,830	747,940
Transportation	48,222,022	42,542,217	29,391,909	23,578,118	15,924,151	15,792,341
Miscellaneous operations	1,350,869	1,316,374	497,097	492,522	698,483	668,765
General	5,356,080	4,019,860	2,942,251	2,057,762	2,062,820	1,645,866
Total Railway Operating Expenses	92,126,030	85,065,077	52,158,142	45,704,784	33,841,027	33,225,052
<u>OPERATING INCOME</u>						
Net operating revenue	Dr. 2,400,100	2,966,501	Dr. 6,888,542	Dr. 842,584	1,924,612	1,376,141
Railway tax accruals	2,940,192	2,528,263	779,792	761,158	1,600,000	1,225,000
Hire of equipment	Dr. 1,012,833	Dr. 1,003,184	Dr. 65,696	Dr. 258,643	Dr. 98,688	Cr. 63,974
Joint facilities rents	Dr. 195,389	Dr. 164,014	Dr. 2,966	Dr. 6,559	Dr. 134,937	Dr. 95,778
Operating income	Dr. 6,548,514	Dr. 728,960	Dr. 7,736,996	Dr. 1,855,826	90,987	119,337
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,300.64	43,343.84	22,500.12	22,553.92	17,019.2	17,005.4
✓ No. of tons carried (Rev.Fr.)	13,387,559	14,613,036	5,672,360	6,120,338	4,713,623	5,203,629
No. of tons carried one mile " " Thous.	5,574,982	5,453,083	2,819,420	2,729,364	2,376,632	2,300,228
No. of tons carried one mile (All Fr.) "	5,992,032	5,865,491	3,063,499	2,962,548	2,542,440	2,471,546
Gross ton miles, excl. of locomotive & tender "	12,594,522	12,173,022	6,391,552	6,079,539	5,258,765	5,081,617
No. of revenue passengers carried	2,507,306	2,804,000	1,434,840	1,655,771	846,493	905,484
No. of revenue passengers carried one mile "	222,807	239,185	103,007	115,083	97,396	101,467

Freight train miles	7,346,820	7,435,056	3,735,355	3,725,393	3,109,322	3,162,407
Passenger train miles	3,851,375	3,879,797	1,899,098	1,944,574	1,683,435	1,660,817
Total train miles (rev. and non rev.)	11,398,292	11,565,731	5,762,807	5,840,017	4,853,430	4,894,604
Freight car miles - loaded	188,040,311	184,296,478	97,571,830	93,869,490	76,196,035	73,969,613
Freight car miles - empty	86,908,768	78,940,772	41,787,526	37,182,358	36,609,784	33,924,742
Passenger train car miles	33,939,154	33,899,044	16,940,630	17,427,213	14,286,510	13,897,571
Total amount of pay-roll (1)	\$62,087,599	\$52,202,008	(1)\$38,991,033	\$29,643,571	\$20,031,203	\$19,668,590
Number of employees	192,484	199,390	111,679	115,638	70,907	74,183
Pay-roll chargeable to Railway Operating Expenses	\$55,472,472	\$48,792,413	\$33,498,159	\$27,394,420	\$19,004,421	\$18,601,945
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$66.84	\$65.52	\$64.90	\$64.16	\$67.79	\$65.64
Operating expenses	\$68.63	\$63.31	\$74.78	\$65.37	\$64.14	\$63.03
No. of tons moved one mile (Rev.Fr.)	4,153	4,058	4,042	3,904	4,505	4,363
No. of tons moved one mile (All Fr.)	4,464	4,365	4,392	4,237	4,819	4,688
No. of revenue passengers carried one mile	166	178	148	165	185	192
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$9.96	\$9.70	\$9.57	\$9.60	\$9.68	\$9.21
No. of tons of freight (Rev.Fr.)	759	733	755	733	764	727
No. of tons of freight (All Fr.)	816	789	820	795	818	782
Gross ton miles	1,714	1,637	1,711	1,632	1,691	1,607
Loaded freight cars	25.6	24.8	26.1	25.2	24.5	23.4
Empty freight cars	11.8	10.6	11.2	10.0	11.8	10.7
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$3.02	\$2.96	x \$3.45	x \$3.35	\$2.42	\$2.45
Passengers carried	58	62	54	59	58	61
Passenger cars	8.8	8.7	8.9	9.0	8.5	8.4
Average operating expenses per train mile	\$8.08	\$7.35	\$9.05	\$7.83	\$6.97	\$6.79
Average length of haul (Rev.Fr.) Miles	416	373	497	446	504	442
Average passenger journey Miles	89	85	72	70	115	112
Average tons per loaded freight car mile	31.9	31.8	31.4	31.6	33.4	33.4
Average freight receipt per revenue ton mile	1.312¢	1.323¢	1.267¢	1.310¢	1.266¢	1.266¢
Average passenger receipt per passenger per mile	2.929¢	2.913¢	3.045¢	3.007¢	2.863¢	2.853¢
Ratio of operating pay roll to operating revenues	61.8%	55.4%	74.0%	61.1%	53.1%	53.8%
Ratio of operating expenses to revenues	102.67%	96.63%	115.22%	101.88%	94.62%	96.02%

(1) Includes \$7,952,543 Back time.

✓ Includes duplications.

x Includes gross express revenue



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CANADIAN NATIONAL RAILWAYS

(Steam Lines in Canada and United States)

For the month of January, 1953

	1953	1952
<u>OPERATING REVENUES</u>		
Canadian Lines	\$45,269,600	\$44,862,200
United States Lines	6,387,400	6,607,800
Total	51,657,000	51,470,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	52,158,142	45,704,784
United States Lines	5,414,858	5,556,216
Total	57,573,000	51,261,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	Dr. 6,888,542	Dr. 842,584
United States Lines	972,542	1,051,584
Total	Dr. 5,916,000	209,000
<u>OPERATING INCOME</u>		
Canadian Lines	Dr. 7,736,996	Dr. 1,855,826
United States Lines	102,162	159,239
Total	Dr. 7,634,834	Dr. 1,696,587