

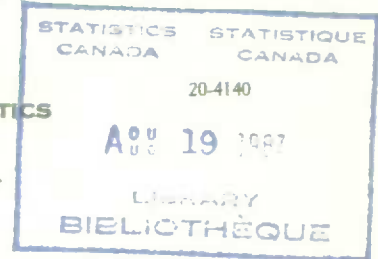
D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 51

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

DECEMBER, 1951



Canadian railways earned operating revenues of \$89,890,954 during December - a new record for the month and an increase of 6.6 p.c. or \$5,556,763 over the corresponding period of 1950 - but operating expenses soared \$10,629,284 or 14.6 p.c. above the previous December to reach \$85,585,817 - an all time peak. Tax accruals eased to \$1,444,180 due to the lower net - a reduction of \$1,323,261. Hire of equipment charges were \$78,551 higher at \$1,090,767 while joint rents were pared \$46,754 to \$28,843. Operating income for the month was \$3,931,547, down from \$7,752,584 in December, 1950, and compares unfavourably with \$6,475,209 in 1949 and \$6,896,898 in the similar month of 1948. In fact, it was the poorest showing for any December since 1938 when revenue freight ton miles performed were only 38 p.c. of the current December total. In other words the railways as a whole received a small return for the vast amount of transportation service rendered during the closing month of 1951.

All revenue items except mail and miscellaneous posted good gains over the previous December. Freight earnings moved up 6.2 p.c. or \$4,010,177 to \$68,846,594 with tonnage increasing 1.7 p.c. and ton miles 5.8 p.c.

Passenger traffic showed an encouraging betterment with fares up 17.8 p.c. to \$8,835,855 and patronage 10.5 better as 2,850,822 passengers were carried against 2,579,834 one year earlier. Revenue passenger miles rose 16.2 p.c. as average journey lengthened to 106 miles from 101 miles in December of 1950. Mail pay was down 11.4 p.c. as the previous December had been bolstered by back pay credits to the C.P.R. particularly. Express improved 17.3 p.c. and other passenger receipts 10 p.c.

Expense accounts all showed healthy increases. Maintenance of way and structures advanced 30.5 p.c. or \$3,612,660 to \$15,466,920 while equipment charges were 10 p.c. higher at \$18,801,964. Transportation requirements at \$42,232,694 rose 12.7 p.c. or \$4,768,117. Miscellaneous operations costs advanced 19.3 p.c., and general expenses 5.5 p.c. Loaded freight car miles declined 2.9 p.c., and empty mileage was up 4.5 p.c. Total payroll for December grossed \$51,687,435 going to 197,902 employees and compares with \$43,707,978 to 184,894 one year earlier. Payroll thus rose 18.3 p.c., and employment 7 p.c. Payroll for December of 1941 was \$23,684,418 for 136,247 employees. In the decade payroll jumped 116.4 p.c., and employment 45.2 p.c.

CANADIAN NATIONAL RAILWAYS: Despite good increases in freight and passenger traffic over the preceding December, the net financial return for the month under review was far from satisfactory. Operating revenues were at a new high for the month grossing \$46,726,521, up 7.5 p.c. or \$3,270,274 over December 1950, but operating expenses rose 14.4 p.c. or \$5,755,264 to \$45,551,502. Tax accruals eased \$41,032 to \$543,585 and the hire of equipment debit was reduced \$154,741 to \$236,446 but the rentals credit dropped \$12,603 to only \$1,703. The resulting operating income on Canadian lines for December was \$396,891 compared with \$2,678,711 one year earlier and \$5,437,282 in December of 1949. This is the weakest showing for any December since 1938. Freight traffic produced \$34,469,291, up 7.4 p.c. or \$2,365,876 over the same month of 1950. Revenue tonnage moved rose 4.6 p.c., and ton miles 8.2 p.c. Passenger fares improved 21.7 p.c. or \$826,141 to \$4,628,995, with number of passengers 14.9 p.c. or 210,814 better at 1,626,219 and passenger miles up 18.9 p.c., with longer average journeys. Mail earnings gained 16.5 p.c. or \$94,804 and express \$491,903 or 18 p.c. over December of 1950. Miscellaneous items were down 13.6 p.c. to \$3,353,611 for a drop of \$527,339. All expense accounts except general were considerably higher, on the strength of higher wages, shorter work week and spiraling costs for materials. Way and structures maintenance increased 34.7 p.c. or \$2,231,352 to \$8,653,794 while equipment charges moved up from \$9,410,768 to \$9,901,556. Traffic needed \$78,129 or 9.7 p.c. more while transportation totalled \$23,960,184, advancing 13.7 p.c. Miscellaneous operations cost \$101,970 more at \$566,580 while general eased 3.5 p.c. to \$1,583,475. Loaded freight car miles were 1.4 p.c. under the previous December while empty mileage increased 6.8 p.c., due mainly to a heavier grain movement. Total payroll was \$29,353,494 paid to 113,009 employees compared with \$24,545,828 going to 107,282 one year earlier, indicating a 20.6 p.c. rise in wages and 5.3 p.c. in employment.

CANADIAN PACIFIC RAILWAY COMPANY: During December the advance in operating revenues over the corresponding month of 1950 was again well below that in operating expenses. Total revenues rose from \$33,821,669 to \$35,593,827 or by 5.2 p.c., while expenses climbed 17.5 p.c. from \$27,443,048 to \$32,253,832. Thus, earnings from operations gained \$1,772,158, but expenses were up \$4,610,784 over the previous December. Both accounts were at new peaks for the period. Tax accruals for the month showed a balancing year-and credit of \$11,091 compared with a debit of \$1,458,503 one year earlier, but hire of equipment charges increased \$283,910 to \$326,888. Joint rents improved from a debit of \$18,550 to a credit of \$48,860. The resulting operating income was \$3,073,058, down \$1,785,732 from December, 1950, and compares with \$3,115,673 in the same month of 1949, \$1,883,168 in 1948 and \$5,090,750 ten years earlier in 1941 when the volume of freight carried was some 21 p.c. less. Freight revenues reached \$28,195,659, up 4.8 p.c., on the strength of better rates and a gain of 4 p.c. in ton miles. Actual tonnage carried was little increased from the preceding December. Passenger fares were much better at \$3,653,181, advancing 14.2 p.c., while numbers rose 5.2 p.c., and passenger mileage 13.9 p.c. Average journey was 127 miles against 118. Mail earnings dropped \$320,554 to \$694,027 but the previous December showed a large back pay credit to this account. Express receipts were up 19.4 p.c. to \$997,188 and the miscellaneous account increased 8.7 p.c. or \$122,049 to \$1,524,697. All expense accounts were again heavier. Maintenance of way and structures required \$5,828,684, 34.7 p.c. or \$1,500,192 above December, 1950, while equipment maintenance needed \$7,702,227 or \$1,207,914 more. Transportation charges at \$15,446,866 for the month posted an increase of some \$1,760,000 or 12.9 p.c. General expenses moved up from \$1,598,322 to \$1,808,560. Loaded freight car miles declined 4.4 p.c., while empty mileage rose 3.9 p.c. compared with the previous December. Total payroll for 75,203 employees was \$19,461,559, up 18 p.c. or \$2,967,852 over the \$16,493,507 paid to 67,475 employees one year earlier. Employment thus gained 11.5 p.c. or 7,728.

Summary data for the twelve months of 1951 will be issued shortly.

8/4/52

Prepared in the Public Finance and Transportation Division

Price per year \$1.00

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS
December 1951

Subject to Revision

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1951	1950	1951	1950	1951	1950
OPERATING REVENUES						
Freight	\$68,846,594	\$64,836,417	\$34,469,291	\$32,103,415	\$28,195,659	\$26,893,901
Passenger	8,835,855	7,502,266	4,628,995	3,802,854	3,653,181	3,198,835
Mail	1,504,413	1,697,316	668,113	573,309	694,027	1,014,581
Express	4,397,118	3,749,109	X 3,231,091	X 2,739,188	997,188	834,981
Other passenger train	871,055	792,066	375,220	356,331	474,103	416,099
Water line	178,500	168,841	-	-	54,972	60,624
All other	5,247,419	5,598,176	3,353,811	3,881,150	1,524,697	1,402,648
Total Railway Operating Revenues	89,880,954	84,344,191	X 46,726,521	X 43,456,247	35,593,827	33,821,669
OPERATING EXPENSES						
Maintenance of way and structures	15,466,920	11,854,260	8,653,794	6,422,442	5,828,684	4,328,492
Maintenance of equipment	18,801,964	17,095,547	9,901,336	9,410,768	7,702,227	6,494,313
Traffic	1,754,894	1,635,584	886,133	808,004	777,775	743,767
Transportation	42,232,694	37,464,577	23,960,184	21,069,974	15,446,866	13,686,810
Miscellaneous operations	1,426,598	1,196,237	566,580	464,610	689,720	591,344
General	3,702,747	3,510,328	1,583,475	1,640,440	1,808,560	1,598,322
Total Railway Operating Expenses	83,385,817	72,756,533	45,551,502	39,816,238	32,253,832	27,443,048
OPERATING INCOME						
Net operating revenue	6,495,137	11,587,658	1,175,019	3,640,009	3,339,995	6,378,621
Railway tax accruals	1,444,180	2,767,441	543,385	584,417	Cr. 11,091	1,458,303
Hire of equipment	Dr. 1,090,767	Dr. 1,012,236	Dr. 236,446	Dr. 391,187	Dr. 326,888	Dr. 42,978
Joint facilities rents	Dr. 28,843	Dr. 75,597	Cr. 1,703	Cr. 14,306	Cr. 48,860	Dr. 18,560
Operating income	3,931,347	7,732,384	396,891	2,678,711	3,073,058	4,858,790
OPERATING STATISTICS						
Average miles of road operated	43,343.83	43,312.58	22,553.92	22,517.98	17,005.4	17,011.0
No. of tons carried (Rev. Fr.)	13,819,127	13,589,158	5,739,369	5,487,777	4,867,814	4,845,599
No. of tons carried one mile " " Thous.	5,490,101	5,191,261	2,789,095	2,575,836	2,303,759	2,214,272
No. of tons carried one mile (All Fr.) "	5,933,470	5,628,803	3,007,669	2,839,488	2,518,689	2,377,982
Gross ton miles, excl. of locomotive & tender "	12,300,744	12,038,690	6,184,762	5,997,977	5,167,529	5,068,823
No. of revenue passengers carried	2,850,822	2,579,834	1,626,219	1,415,405	1,002,518	952,883
No. of revenue passengers carried one mile "	303,006	260,741	154,046	129,607	127,562	111,969
Freight and Passenger Train Miles						
Freight train miles	7,311,725	7,271,577	3,718,266	3,669,024	3,088,376	3,049,138
Passenger train miles	3,999,920	3,889,914	2,035,484	1,899,907	1,699,536	1,722,692
Total train miles (rev. and non rev.)	11,528,857	11,311,681	5,889,379	5,660,805	4,862,253	4,819,053
Freight Car Miles						
Freight car miles - loaded	182,027,683	187,403,802	94,344,075	95,731,916	73,261,102	76,616,964
Freight car miles - empty	84,466,600	80,968,082	39,935,197	37,378,928	37,323,716	35,919,252
Passenger train car miles	36,562,589	35,556,397	18,854,736	17,641,942	15,118,211	15,211,445
Total amount of pay roll	\$51,687,435	\$43,707,978	\$29,353,494	\$24,345,828	\$19,461,359	\$16,493,507
Number of employees	197,902	184,894	113,009	107,282	75,203	67,475
Pay roll chargeable to rly. operating expenses	\$48,524,320	\$42,196,769	\$27,235,579	\$23,941,091	\$18,528,932	\$15,595,249
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$66.89	\$62.82	\$66.83	\$62.26	\$67.52	\$64.14
Operating expenses	\$62.06	\$54.19	\$65.15	\$57.04	\$61.18	\$52.04
No. of tons moved one mile (Rev. Fr.)	4,086	3,866	3,989	3,690	4,370	4,199
No. of tons moved one mile (All Fr.)	4,416	4,192	4,302	4,068	4,778	4,509
No. of revenue passengers carried one mile	226	194	220	186	242	212
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$9.42	\$8.92	\$9.27	\$8.75	\$9.13	\$8.82
No. of tons of freight (Rev. Fr.)	751	714	750	702	746	726
No. of tons of freight (All Fr.)	812	774	809	774	816	780
Gross ton miles	1,682	1,656	1,663	1,635	1,673	1,662
Loaded freight cars	24.9	25.8	25.4	26.1	23.7	25.1
Empty freight cars	11.6	11.1	10.7	10.2	12.1	11.8
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$3.90	\$3.53	X \$4.37	X \$3.93	\$3.42	\$3.17
Passengers carried	76	67	76	68	75	65
Passenger cars	9.1	9.1	9.3	9.3	8.9	8.8
Average operating expenses per train mile	\$7.23	\$6.43	\$7.73	\$7.03	\$6.63	\$5.69
Average length of haul (Rev. Fr.) Miles	397	382	486	469	473	457
Average passenger journey Miles	106	101	95	92	127	118
Average tons per loaded freight car mile	32.6	30.0	31.9	29.7	34.4	31.0
Average freight receipt per revenue ton mile	1.254¢	1.229¢	1.235¢	1.245¢	1.224¢	1.215¢
Average passenger receipt per passenger per mile	2.916¢	2.877¢	3.005¢	2.934¢	2.864¢	2.857¢
Ratio of operating pay roll to operating revenues	54.0%	50.0%	58.3%	55.1%	52.1%	46.1%
Ratio of operating expenses to revenues	92.77%	86.26%	97.49%	91.62%	90.62%	81.14%

† Includes duplications.

‡ Revised.

X Includes gross express revenue.

December, 1951



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of December

	1951	1950
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 46,726,521	\$ 43,456,247
United States Lines	7,574,599	6,727,334
Total	54,301,120	50,183,581
<u>OPERATING EXPENSES</u>		
Canadian Lines	45,551,502	39,816,238
United States Lines	5,461,719	5,065,841
Total	51,013,221	44,882,079
<u>NET OPERATING REVENUE</u>		
Canadian Lines	1,175,019	3,640,009
United States Lines	2,112,880	1,661,493
Total	3,287,899	5,301,502
<u>OPERATING INCOME</u>		
Canadian Lines	396,891	2,678,711
United States Lines	1,565,225	684,560
Total	1,962,116	3,363,271