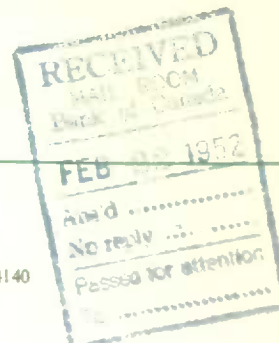
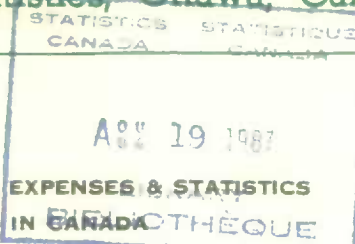
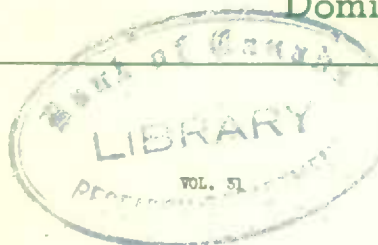


D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada



20-4140

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

NOVEMBER, 1951

Railway operating revenues for November established a new peak for the month at \$94,715,059 to register a gain of 5.4 p.c. or \$4,850,141 over the corresponding period of 1950 and compare with \$78,687,803 in November of 1949. Expenses rose more sharply from \$72,583,841 in November of 1950 to \$83,544,626, an increase of 15.1 p.c. or \$10,960,785. Tax accruals were \$248,461 lighter at \$2,400,502 while hire of equipment charges advanced \$424,321 to a debit of \$1,284,400 and joint rents eased \$49,396 to \$181,390. The resulting operating income was pared to \$7,304,141 from \$13,541,249 in the preceding November and was under the same month of 1949 when \$9,821,803 remained. This is the lowest net for any November since 1938 at \$6,501,388, despite the record volume of traffic reported for the month under review. All revenue accounts, except mail (which had been inflated by back pay credited in the preceding November), showed betterment over the same month of 1950. Freight receipts rose 6.4 p.c. or \$4,654,985 to \$76,840,463 a new high for the month. Passenger fares were brighter at \$6,682,083 against \$5,725,216 for a gain of 16.7 p.c. Mail pay was down \$2,441,105 to \$1,122,561 due to retroactive credits as mentioned above. Express earnings improved \$745,190 to \$4,095,576 and other passenger train receipts rose 5.2 p.c. to \$834,324. Water line was slightly higher while miscellaneous earnings advanced \$985,700 to \$4,731,748.

All expense accounts continued to run well above 1950 levels climbing to new highs for the month in most cases. Maintenance of way and structures required \$16,359,621, up \$3,326,436 or 25.5 p.c. over November, 1950. Maintenance of equipment charges rose 13.3 p.c. or \$2,298,225 to \$19,612,063. Traffic expenses were up 2.1 p.c. and Transportation took an impressive \$40,857,402 for a jump of \$5,033,970 or 14.1 p.c. Miscellaneous charges were 5.6 p.c. above the preceding November to \$1,128,069 while general expenses needed \$204,836 more at \$3,921,268.

Revenue tonnage carried during the month advanced to 15,941,006 tons from 14,951,714 tons one year earlier, a gain of 6.6 p.c. and ton miles rose 11.6 p.c. as the average haul increased from 349 to 368 miles, reflecting a heavier grain movement. Revenue passengers numbered 2,410,484 against 2,104,220 in the preceding November, a betterment of 14.6 p.c. Average journey at 97 miles versus 96 miles one year previously produced a rise of 15.2 p.c. in passenger miles. Loaded freight car miles were 4.1 p.c. or 7,748,852 miles above November, 1950 but empty mileage increased 14,361,616 miles or 17.3 p.c. due mainly to the grain traffic. The month's payroll was a record for the period at \$52,143,685 going to 202,030 employees compared with \$43,658,101 to 181,857 in November of 1950 and \$41,367,984 to 178,633 employees in the same month of 1949. Payroll thus was up 19.4 p.c. and employment 11.1 p.c. over November of 1950. Average earnings at \$2,581 compare with \$2,401 and \$2,216 respectively in the two preceding years. Average freight receipt per revenue ton mile was clipped to 1.319 cents from 1.382 cents for the preceding November due to the heavier movement of agricultural commodities at pre-1900 rates.

Cumulative totals for the first eleven months show an operating income of \$57,550,176 for all railways reporting monthly compared to \$73,764,664 in the same period of 1950 and \$24,905,369 to the end of November, 1949. Tax accruals rose from \$15,601,345 in the 11 months of 1949 to \$27,923,750 in 1950 and \$32,914,328 in 1951.

CANADIAN NATIONAL RAILWAYS: The National lines reported an active month with peak traffic, record revenues and expenses for the period and an unsatisfactory net for so much service performed. Operating revenues for the ten provinces totalled \$48,063,900 up 4.4 p.c. or \$2,034,500 over November, 1950. Expenses rose \$6,535,195 or 16.8 p.c. to \$45,371,152. Tax accruals eased \$208,685 to \$462,183 and the debit on hire of equipment declined \$155,262 to \$269,148. Operating income was \$1,962,170 compared with \$6,100,704 in November of 1950 and \$4,055,556 in 1949. This is the smallest income for any November since 1937 when their operating receipts were less than 30 p.c. of current monthly revenues. For the eleven months Canadian lines produced an operating income of \$21,364,710 against \$29,460,193 in the similar period of 1950 and only \$83,785 to the end of November, 1949. The System income total including U.S. lines was \$23,635,333 compared with \$37,081,059 for the corresponding months of 1950 and \$1,197,950 in 1949. November freight revenues aggregated \$38,216,000, an increase of 5.9 p.c. or \$2,146,000 over the November, 1950 total. Revenue passenger fares rose 22.2 p.c. or \$600,000 to \$3,300,100 with more military travel contributing to the improvement. Express, other passenger train and the all other account posted gains with express receipts up 30.3 p.c. Mail due to retroactive credits in the previous November dropped \$1,822,275 to \$497,700. All expense accounts were considerably heavier. Maintenance of way and structures required \$2,006,381 or 30.2 p.c. more at \$8,655,218. Equipment took an additional 13.5 p.c. or \$1,269,165 to total \$10,646,963. Traffic was up 14.9 p.c. while transportation charges needed \$22,824,278, an increase of 15.1 p.c. or \$2,993,736. Miscellaneous was increased 8.7 p.c. and general expenses 6.8 p.c. Revenue freight tonnage rose 555,390 tons or 8.8 p.c. to 6,891,890 while ton miles advanced 11.2 p.c. with average haul 9 miles longer at 425 miles. Revenue passengers numbered 1,412,566 for a splendid recovery of 269,417 over the previous November and passenger mileage gained 17.5 p.c. Average journey shortened from 82 to 78 miles. Loaded freight car mileage was 4.3 p.c. better while empty mileage jumped 13.1 p.c. Payroll climbed to \$29,479,052 from \$24,523,239, up 20 p.c. as employment improved to 115,961 against 103,209 for November one year earlier, an increase of 12.4 p.c.

CANADIAN PACIFIC RAILWAY COMPANY: For the seventh consecutive month operating expenses registered a larger dollar increase than revenues as compared with corresponding month of 1950. The November earnings amounted to a record of \$37,914,345 up 8 p.c. or \$2,813,717 over the same period of 1950 but expenses rose \$4,066,047 or 14.5 p.c. to \$32,037,973. Tax accruals increased \$65,000 to \$1,415,000 despite the lower net operating revenue. Hire of equipment under pressure of heavy grain traffic changed from a credit of \$360,205 to a debit of \$218,328 but joint rents eased \$57,914 to \$108,518. There remained \$4,134,526 as operating income for the active month's effort against \$5,972,475 in the preceding November and \$4,513,045 in the same month of 1949. For the period to November and operating income was \$23,739,774 for the yardstick line versus \$33,161,567 in the eleven months of 1950 and \$17,516,296 in 1949. Good gains were shown over the previous November in most revenue accounts. Freight receipts improved 8.2 p.c. or \$2,377,084 to \$31,393,023 due to an increase of 6.3 p.c. in revenue tonnage, one of 14 p.c. in ton miles and higher tariffs. Passenger fares produced \$2,828,435, a betterment of 11.5 p.c. as numbers carried rose 3.6 p.c. and revenue passenger miles 13.7 p.c. Average journey was 129 miles against 118 one year earlier. Express gained 3.3 p.c. and other passenger train 5.9 p.c. while the miscellaneous account was \$432,992 or 34.9 p.c. better at \$1,675,218. Water line was nearly maintained while mail dropped 40.1 p.c. or \$341,355 due to retroactive receipts credited to November of 1950. Maintenance expenses increased 25.7 p.c. or \$1,316,192 to \$6,429,374 on way and structures and 12.4 p.c. on equipment at \$7,599,010. Traffic charges eased 9.3 p.c. or \$66,561 but transportation advanced \$1,903,218 to \$15,126,572 for a rise of 14.4 p.c. Loaded freight car miles were up 5.5 p.c. or 4,181,941 miles but the empty haul increased 26.7 p.c. or by 9,365,712 miles. Total payroll for the month grossed \$19,784,154 for 76,002 employees compared with \$16,449,160 to 68,344 one year earlier, indicating percentage increases of 20.3 p.c. in earnings and 11.2 p.c. in employment.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision

November, 1951

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1951	1950	1951	1950	1951	1950
OPERATING REVENUES						
Freight	\$ 76,840,463	\$ 72,185,480	\$ 38,216,000	\$ 36,070,000	\$ 31,393,023	\$ 29,015,939
Passenger	6,682,083	5,725,216	3,300,100	2,700,100	2,828,435	2,536,820
Mail	1,122,261	3,563,466	497,700	2,319,975	509,334	850,689
Express	4,095,576	3,350,386	X 3,026,320	X 2,322,043	893,396	864,901
Other passenger train	834,324	792,860	344,693	332,474	466,127	440,135
Water line	408,504	401,442	-	-	148,812	149,918
All other	4,731,748	3,846,048	2,679,087	2,285,008	1,675,218	1,242,226
Total Railway Operating Revenues	94,715,059	89,864,918	X 48,063,900	X 46,029,600	37,914,345	35,100,628
OPERATING EXPENSES						
Maintenance of way and structures	16,359,621	13,033,185	8,655,218	6,648,837	6,429,374	5,113,182
Maintenance of equipment	19,612,063	17,313,838	10,646,963	9,377,800	7,599,010	6,762,628
Traffic	1,566,183	1,534,179	797,645	694,098	650,054	716,615
Transportation	40,857,402	35,823,432	22,824,278	19,830,952	15,126,572	13,223,354
Miscellaneous operations	1,228,089	1,162,775	462,428	425,520	606,429	595,616
General	3,321,268	3,716,432	1,984,620	1,858,750	1,626,534	1,560,531
Total Railway Operating Expenses	83,544,626	72,583,841	45,371,152	39,835,957	32,037,973	27,971,926
OPERATING INCOME						
Net operating revenue	11,170,433	17,281,077	2,692,748	7,193,643	5,876,372	7,128,702
Railway tax accruals	2,400,502	2,648,963	462,183	670,868	1,415,000	1,350,000
Hire of equipment	Dr. 1,284,400	Dr. 860,079	Dr. 269,148	Dr. 424,410	Dr. 218,328	Cr. 360,205
Joint facilities rents	Dr. 181,390	Dr. 230,786	Cr. 753	Cr. 2,339	Dr. 108,518	Dr. 166,432
Operating income	7,304,141	13,541,249	1,962,170	6,100,704	4,134,526	5,972,475
OPERATING STATISTICS						
Average miles of road operated	43,360.65	43,323.24	22,564.94	22,519.44	17,011.2	17,019.3
No. of tons carried (Rev.Fr.)	15,941,006	14,951,714	6,891,890	6,336,500	5,549,328	5,220,031
No. of tons carried one mile " " Thous.	5,827,815	5,222,236	2,928,926	2,634,127	2,476,908	2,172,217
No. of tons carried one mile (All Fr.) "	6,277,691	5,644,954	3,179,338	2,893,241	2,666,410	2,327,466
Gross ton miles, excl. of locomotive & tender "	13,329,569	12,160,712	6,677,581	6,155,910	5,637,477	4,981,099
No. of revenue passengers carried	2,410,484	2,104,220	1,412,566	1,143,149	786,310	759,229
No. of revenue passengers carried one mile "	232,645	201,787	110,149	93,779	101,638	89,354
Freight train miles	7,574,263	7,214,873	3,823,601	3,691,672	3,236,967	2,958,804
Passenger train miles	3,763,829	3,734,709	1,878,507	1,809,686	1,623,463	1,659,533
Total train miles (rev. and non rev.)	11,551,993	11,139,711	5,845,695	5,619,919	4,919,677	4,678,579
Freight car miles - loaded	197,793,106	190,034,254	102,086,398	97,892,600	80,166,747	75,984,406
Freight car miles - empty	97,223,428	82,861,812	45,666,382	40,303,967	44,499,549	35,133,837
Passenger train car miles	34,028,438	33,436,290	17,208,392	16,546,267	14,214,414	14,346,383
Total amount of pay roll	\$ 52,143,685	\$ 43,558,101	\$ 29,439,052	\$ 24,523,239	\$ 19,784,154	\$ 16,449,160
Number of employees	202,030	181,857	115,961	103,209	76,002	68,344
Pay roll chargeable to rly. operating expenses	\$ 48,316,727	\$ 40,841,295	\$ 26,893,426	\$ 22,654,896	\$ 18,624,208	\$ 15,605,600
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$72.81	\$69.14	\$71.00	\$68.13	\$74.29	\$68.75
Operating expenses	\$64.22	\$55.85	\$67.02	\$57.49	\$62.78	\$54.78
No. of tons moved one mile (Rev.Fr.)	4,480	4,018	4,327	3,899	4,853	4,254
No. of tons moved one mile (All Fr.)	4,826	4,343	4,697	4,283	5,225	4,558
No. of revenue passengers carried one mile	179	155	163	139	199	175
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$10.14	\$10.01	\$9.99	\$9.77	\$9.70	\$9.81
No. of tons of freight (Rev.Fr.)	769	724	766	714	765	734
No. of tons of freight (All Fr.)	829	782	832	784	824	787
Gross ton miles	1,760	1,686	1,746	1,668	1,742	1,683
Loaded freight cars	26.1	26.3	26.7	26.5	24.8	25.7
Empty freight cars	12.8	11.5	11.9	10.9	13.7	11.9
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$3.38	\$3.60	X \$3.82	X \$4.24	\$2.89	\$2.83
Passengers carried	62	54	59	52	63	54
Passenger cars	9.0	9.0	9.2	9.1	8.8	8.6
Average operating expenses per train mile	\$7.23	\$6.52	\$7.76	\$6.91	\$6.51	\$5.98
Average length of haul (Rev.Fr.) Miles	366	349	425	416	446	416
Average passenger journey Miles	97	96	78	82	129	118
Average tons per loaded freight car mile	31.7	29.7	31.1	29.6	33.3	30.6
Average freight receipt per revenue ton mile	1.319¢	1.382¢	1.305¢	1.369¢	1.267¢	1.336¢
Average passenger receipt per passenger per mile	2.872¢	2.837¢	2.996¢	2.879¢	2.763¢	2.839¢
Ratio of operating pay roll to operating revenues	51.0%	45.4%	56.0%	49.2%	49.1%	44.5%
Ratio of operating expenses to revenues	88.21%	80.77%	94.40%	84.37%	84.50%	79.69%

† Includes duplications.

‡ Revised.

X Includes gross express revenue.

November, 1951



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of November, 1951

	1951	1950
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 48,063,900	\$ 46,029,600
United States Lines	6,041,100	6,866,400
Total	54,105,000	52,896,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	45,571,152	38,835,957
United States Lines	4,944,848	4,782,043
Total	50,516,000	43,618,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	2,692,748	7,193,643
United States Lines	1,096,252	2,084,357
Total	3,789,000	9,278,000
<u>OPERATING INCOME</u>		
Canadian Lines	1,962,170	6,100,704
United States Lines	355,556	1,291,701
Total	2,317,726	7,392,405
<u>SUMMARY</u>		
Eleven months ended November 30, 1951		
<u>ALL RAILWAYS</u>		
Operating Revenues	989,035,957	864,190,298
Operating Expenses	886,127,883	751,483,198
Net Operating Revenue	102,908,074	112,707,100
Operating Income	57,550,176	73,764,664
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	500,709,200	435,415,800
United States Lines	69,823,800	68,232,200
Total	570,533,000	503,648,000
Operating Expenses - Canadian Lines	471,071,257	396,206,109
United States Lines	58,065,743	52,908,891
Total	529,137,000	449,115,000
Net Operating Revenue - Canadian Lines	29,637,943	39,209,691
United States Lines	11,758,057	15,323,309
Total	41,396,000	54,533,000
Operating Income - Canadian Lines	21,364,710	29,460,193
United States Lines	2,270,623	7,620,866
Total	23,635,333	37,081,059
<u>CANADIAN PACIFIC RAILWAY CO.</u>		
Operating Revenues	393,317,812	344,755,019
Operating Expenses	349,158,673	296,268,905
Net Operating Revenue	44,159,139	48,486,114
Operating Income	23,739,774	33,161,567