



DOMINION BUREAU OF STATISTICS
Transportation Division
OTTAWA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

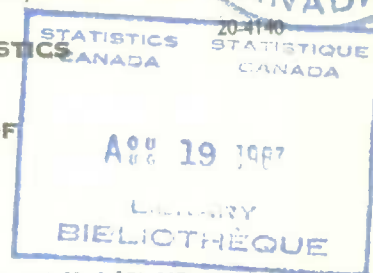
VOL. 29

OPERATING REVENUES, EXPENSES & STATISTICS

RAILWAYS IN CANADA

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

DECEMBER, 1949



Operating revenues reported by the principal Canadian railways for December totalled \$76,285,389, down some \$1,200,000 or 1.5 p.c. from the \$77,483,353 earned in December of 1948. The current total, however, is the second highest on record for the month and includes revenues from Newfoundland operations, which are estimated at \$1,286,000. Expenses of operating were reduced from the previous December and the month's total at \$66,386,011 (including Newfoundland) was down 8.4 p.c. or \$6,073,825 from the same period of 1948. Corrections in tax accruals had shown a credit of \$3,151,666 in December of 1948, while accruals in the month under review were a debit of \$1,948,690. Hire of equipment charges increased over the preceding December and joints rent eased. The net result was an operating income for the month of \$6,863,443 compared with a revised \$6,896,898 one year previously, a decrease of some \$233,455, due entirely to the Newfoundland debit during the month, where expenses were placed at \$1,988,500.

Freight revenues declined 3.7 p.c. or \$2,270,834 to \$58,771,453 and passenger account was down 2.5 p.c. from \$7,462,746 in December of 1948 to \$7,275,041. Mail receipts eased 3.5 p.c. or \$36,873 but express improved \$258,911 or 7.7 p.c. to \$3,642,046. Other passenger train revenues advanced 6 p.c., while "all other" account climbed from \$3,773,936 to \$4,771,818, a 26.4 p.c. gain.

Operating expenses on maintenance were considerably lower at some \$25,570,000 against \$30,466,000 in the preceding December. Maintenance of equipment was down 22.6 p.c., and way and structures 7.3 p.c. Traffic expenses were up slightly but transportation eased 5.7 p.c. or \$2,067,628 to \$34,358,990. Miscellaneous and general expense accounts were heavier, the former jumping \$679,166 to \$1,728,538.

All items shown monthly under Operating Statistics (except miles of road) registered decreases from the previous December. Revenue freight tonnage carried dropped 10.5 p.c. from 13,846,949 to 12,392,927 tons as pulpwood, ores, live stock, implements, autos and L.C.L. merchandise shipments were reduced, and receipts from foreign connections shrank under the effects of the coal strike. Ton mileage was down 9.3 p.c. Revenue passengers numbered 2,758,189 during the month, some 362,660 less than in December of 1948. Storm conditions in the western division affected Yuletide travel and freight loadings, particularly in British Columbia. Passenger mileage dropped 16.6 p.c. as average journey was down from 100 to 95 miles. Loaded freight car mileage was off 5.1 p.c., while empty mileage eased 9.4 p.c. Total pay roll for 174,096 employees was \$40,527,915 compared with 177,075 employees receiving \$41,398,848, including \$75,809 backtime in December of 1948. Average freight receipt per revenue ton mile was 1.293 cents compared with 1.218 cents one year earlier and average passenger receipt per mile was 2.789 against 2.386 cents.

CANADIAN NATIONAL RAILWAYS: With Newfoundland revenue and expenses included in December, 1949, comparisons with the previous December are somewhat affected. Total operating revenues at \$39,636,329 were up fractionally, or \$143,646 above the December of 1948, while expenses increased by \$1,479,988 or 4.3 p.c. from \$34,269,326 to \$35,769,314. Taxes, hire of equipment and joint rents were lighter. Operating income for the month at \$3,437,262 was down \$909,253. Freight revenues were 2.6 p.c. less at \$29,629,414, passenger fares were off 1.8 p.c., but express and "all other" account registered good gains. All expense items were heavier except transportation, which declined \$753,702 or 3.7 p.c. to \$18,848,222. Maintenance charges rose 9.4 p.c. Revenue freight carried shrank 9 p.c. or 496,507 tons below the previous December to 5,036,647 tons, while ton mileage eased 7.7 p.c. Revenue passengers number 1,526,821 against 1,645,766 one year earlier, a decline of 7.2 p.c., and average journey dropped from 93 to 83 miles. Total pay roll for the month was \$22,252,574 received by 97,789 employees compared to \$22,717,976 going to 99,680 employees in the preceding December. The number of employ was thus down 1.9 p.c. or 1,891.

Data on United States lines of the System recorded considerable net improvement over December of 1948, with operating income of \$911,605 for the month against \$499,307. However, operating income for the System at \$4,348,867 was down from \$4,845,822 shown for December, 1948.

CANADIAN PACIFIC RAILWAY COMPANY: Total railway operating revenues were reported as \$30,115,851 for the month under review, a decrease of \$961,467 or 3.1 p.c. from the preceding December. Operating expenses were sharply reduced from \$32,845,993 by nearly 21 p.c. to \$25,995,851. Tax accruals totalled \$1,048,871 compared with an adjustment credit of \$3,911,918 in the previous December, but hire of equipment and joint rents were considerably lighter, showing credits. The net result was an improved operating income of \$3,115,673 compared with \$1,883,166 reported for December, 1948. Freight revenues dropped 4.3 p.c. or nearly \$1,062,000 to \$23,639,667 as revenue tonnage carried declined 11.6 p.c., and ton mileage 11.9 p.c. Passenger revenue was down 5 p.c. to \$3,204,941 while numbers shrank 18.8 p.c. from 1,246,743 to 1,011,956. A slight increase was shown in average passenger journey from 110 to 113 miles. Revenue from mail, express, other passenger train and all other account registered gains. Maintenance charges were rather drastically curtailed in the closing month. Maintenance of way and structures was cut 32.6 p.c. or \$2,149,398 to \$4,452,901, and maintenance of equipment 36.3 p.c. from \$9,589,801 to \$6,106,607. Transportation expenses decreased 7.8 p.c. or nearly \$1,100,000 to \$13,041,500. Pay roll for the month totalled \$15,884,061, down 1.9 p.c. or \$300,929, while employees were reduced fractionally from 67,489 to 67,093 for December of 1949.

Data for the twelve months is given in a special issue to follow.

December, 1949

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1949	1948	1949	1948	1949	1948
OPERATING REVENUES						
Freight	\$ 58,771,453	\$ 61,042,287	\$ 29,629,414	\$ 30,435,317	\$ 23,639,667	\$ 24,701,565
Passenger	7,275,041	7,462,746	3,561,994	3,626,191	3,204,941	3,375,360
Mail	1,020,315	1,057,188	436,019	439,714	498,852	494,863
Express	3,642,046	3,383,135	X 2,615,055	X 2,415,019	886,666	826,231
Other passenger train	754,122	711,470	289,660	319,599	441,269	374,119
Water line	48,594	52,591	-	-	39,284	45,095
All other	4,771,818	3,773,936	3,104,187	2,256,843	1,405,172	1,260,085
Total Railway Operating Revenues	76,283,389	77,483,353	X 39,636,329	X 39,492,683	30,115,851	31,077,318
OPERATING EXPENSES						
Maintenance of way and structures	12,054,716	/ 13,008,043	6,505,547	5,388,481	4,452,901	6,602,299
Maintenance of equipment	13,515,998	17,457,829	6,853,664	6,618,575	6,106,607	9,580,801
Traffic	1,435,964	1,402,353	727,123	678,818	587,136	615,603
Transportation	34,358,990	36,426,618	18,848,222	19,581,924	13,041,500	14,141,124
Miscellaneous operations	1,728,538	1,049,372	1,010,119	396,760	591,424	544,390
General	3,231,805	3,115,621	1,824,639	1,424,768	1,216,263	1,361,776
Total Railway Operating Expenses	66,386,011	/ 72,459,836	35,769,314	34,289,326	25,995,831	32,845,993
OPERATING INCOME						
Net operating revenue	9,897,378	/ 5,023,517	3,867,015	5,203,357	4,120,020	Dr.1,768,675
Railway tax accruals	1,948,690	/Cr.3,151,866	386,814	572,498	1,049,871	Cr.3,911,918
Hire of equipment	Dr.1,239,796	Dr.1,133,769	Dr. 96,970	Dr. 228,095	Cr. 41,281	Dr. 238,560
Joint facilities rents	Dr. 45,449	Dr. 144,516	Cr. 54,031	Dr. 56,249	Cr. 4,243	Dr. 21,517
Operating income	6,663,443	/ 6,896,898	3,437,262	4,346,515	3,115,673	1,863,166
OPERATING STATISTICS						
Average miles of road operated	42,510.89	42,482.96	21,706.49	21,666.06	17,019.3	17,031.8
/ No. of tons carried (Rev.Fr.)	12,392,927	13,846,949	5,036,647	5,533,154	4,478,179	5,063,866
No. of tons carried one mile " " Thous.	4,545,433	5,012,597	2,282,800	2,472,661	1,898,837	2,154,106
No. of tons carried one mile (All Fr.) "	4,979,098	5,415,755	2,502,297	2,696,536	2,104,218	2,322,451
Gross ton miles, excl. of locomotive & tender "	10,828,356	/ 11,662,930	5,455,072	5,794,734	4,510,614	4,926,888
No. of revenue passengers carried	2,758,180	3,120,940	1,526,821	1,645,766	1,011,956	1,246,743
No. of revenue passengers carried one mile "	260,857	312,813	126,045	153,373	114,286	137,150

Freight train miles	6,814,984	7,229,146	3,399,190	3,533,917	2,877,145	3,148,107
Passenger train miles	3,842,892	3,932,610	1,876,038	1,920,647	1,717,571	1,743,436
Total train miles (rev. and non rev.)	10,771,541	11,312,098	5,344,428	5,533,295	4,636,071	4,952,661
Freight car miles - loaded	168,557,633	177,652,573	85,740,763	89,455,677	69,044,642	73,786,282
Freight car miles - empty	76,581,451	84,501,071	38,000,563	41,607,804	31,363,284	35,431,923
Passenger train car miles	35,018,575	35,528,880	17,277,688	17,162,583	15,207,177	15,596,548
Total amount of pay roll	\$ 40,527,915	\$1/41,398,848	\$ 22,252,574	\$3/22,717,976	\$ 15,884,061	\$ 16,184,990
Number of employees	174,096	177,075	97,789	99,680	67,093	67,489
Pay roll chargeable to rly. operating expenses	\$ 37,608,337	\$2/38,071,884	\$ 20,338,953	\$ 20,362,102	\$ 14,981,000	\$ 15,293,667
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$57.89	\$58.83	\$58.90	\$58.80	\$57.08	\$58.96
Operating expenses	\$50.37	/ \$55.02	\$53.16	\$51.05	\$49.27	\$62.21
No. of tons moved one mile (Rev. Fr.)	3,449	3,806	3,392	3,681	3,599	4,080
No. of tons moved one mile (All Fr.)	3,778	4,112	3,719	4,015	3,988	4,399
No. of revenue passengers carried one mile	198	238	187	228	217	260
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$8.62	\$8.44	\$8.72	\$8.61	\$8.22	\$7.85
No. of tons of freight (Rev.Fr.)	667	693	672	700	660	684
No. of tons of freight (All Fr.)	731	749	736	763	731	738
Gross ton miles	1,589	1,613	1,605	1,640	1,568	1,565
Loaded freight cars	24.7	24.6	25.2	25.3	24.0	23.4
Empty freight cars	11.2	11.7	11.2	11.8	10.9	11.3
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$3.30	\$3.21	X \$3.68	X \$3.54	\$2.93	\$2.91
Passengers carried	68	80	67	80	67	79
Passenger cars	9.1	9.0	9.2	8.9	8.9	8.9
Average operating expenses per train mile	\$6.16	\$6.41	\$6.69	\$6.20	\$5.61	\$6.63
Average length of haul (Rev.Fr.) Miles	367	362	453	447	424	425
Average passenger journey Miles	95	100	83	93	113	110
Average tons per loaded freight car mile	29.5	30.5	29.2	30.1	30.5	31.5
Average freight receipt per revenue ton mile	1.293¢	1.218¢	1.298¢	1.231¢	1.245¢	1.147¢
Average passenger receipt per passenger per mile	2.789¢	2.386¢	2.826¢	2.364¢	2.804¢	2.461¢
Ratio of operating pay roll to operating revenues	49.3%	49.1%	51.3%	51.6%	49.7%	49.2%
Ratio of operating expenses to revenues	87.03%	/ 93.52%	90.24%	86.82%	86.32%	105.69%

1/ Includes \$75,809 backtime. 2/ Includes \$25,979 backtime. 3/ Includes \$49,830 backtime. / Includes duplications.
X Includes gross express revenue. / Revised.

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of December

1010543376

	1949	1948
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 39,656,329	\$ 39,492,683
United States Lines	5,634,057	5,527,267
Total	45,270,386	45,019,950
<u>OPERATING EXPENSES</u>		
Canadian Lines	35,769,314	34,289,326
United States Lines	4,224,346	4,527,644
Total	39,993,660	38,816,970
<u>NET OPERATING REVENUE</u>		
Canadian Lines	3,867,015	5,203,357
United States Lines	1,409,711	999,623
Total	5,276,726	6,202,980
<u>OPERATING INCOME</u>		
Canadian Lines	3,437,262	4,346,515
United States Lines	911,605	499,307
Total	4,348,867	4,845,822