

852  
CATALOGUE No.

52-003

MONTHLY

# DOMINION BUREAU OF STATISTICS

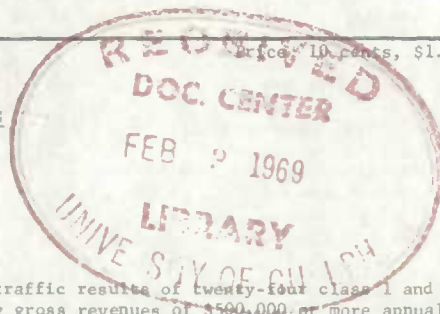
OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 48, No. 9

## RAILWAY OPERATING STATISTICS

SEPTEMBER 1968



Detailed in this report are September 1968 and 1967 financial and traffic results of twenty-four class 1 and 2 common carrier railways operating in Canada (the C.N.R., C.P. and other lines having gross revenues of \$500,000 or more annually). Excluded from both years are statistics of class 3 and 4 roads (those with revenues of less than \$500,000) whose operations represent about one per cent of all railways.

Included in both years are results of the Ontario Government rail commuter services (GO), which began operating May 23, 1967 between Pickering and Hamilton, Ontario (September 1967 data for this operation were based on a monthly average however because only June to December aggregates were available for the year). While the above-noted service is operated by Canadian National, statistics pertaining there to are not included with those of that railway. Thus, the number of reporting roads has been increased to 24 for both years shown.

### Financial Statistics

Railway operating revenues of the twenty four common carrier railways decreased 4.6 per cent to \$123,417,631 from the previous year and were down 4.0 per cent from August 1968. Expenses at \$117,602,943 were lower by 2.8 per cent than the 1967 figure and a decline of 1.4 per cent from the August 1968 total of \$119,273,141. As a result, net operating income registered a profit or \$5,814,688 in contrast to \$8,400,008 in September 1967. September 1968 railway expenses amounted to 95.29 cents per dollar of revenue.

The Canadian National Railways recorded a 4.0 per cent decrease in operating revenues to \$63,690,747 and a 4.4 per cent decline in operating expenses to \$62,667,628. This resulted in a net operating profit of \$1,023,119 as compared to one of \$782,186 in the previous year. The Canadian Pacific reported a 7.4 per cent drop in operating revenues to \$44,364,525 and a 4.9 per cent decrease in operating expenses to \$41,706,848. The C.P. net operating income totalled \$2,657,677 as compared to \$4,074,526 in 1967.

Rail operating revenues, which comprise railway, express, commercial communications and highway transport (rail) services, dropped 3.3 per cent to \$138,334,278. Operating expenses were down 1.6 per cent to \$131,181,270 and, as a result, the net rail operating income declined to \$7,153,008 from \$9,701,827 in 1967.

### Traffic Statistics

During September 1968, a total of 20.8 million tons of revenue freight was handled by railways in Canada, up 2.4 per cent from the same period a year earlier. The number of ton-miles generated in September increased to 7,715 million from 7,626 million, while the average haul at 370 miles was down 5 miles from the earlier year. The average revenue earned per ton-mile decreased to 1.415 cents from 1.460 in 1967. The number of revenue passenger carried during September decreased 21.4 per cent to 2,102 thousand and passenger miles decreased to 214 million miles from 310 million miles in September 1967. The resulting average passenger journey decreased to 102 miles from 116 miles in 1967. The sharp contrasts noted above in passenger travel were no doubt influenced by Canada's World's Fair and centennial celebrations during 1967. The average revenue earned per passenger mile increased to 2.574 cents from 2.365 cents in 1967.

Employment in the railway industry (including only over-the-rail operations) dropped to 124,518 from 132,781 persons in 1967.

Transportation and Public Utilities Division  
Transportation Section

January 1969  
8702-505

TABLE 1. Railway Operating Revenues, Expenses and Net Income  
September 1968

	Total 24 railways (1)		Canadian National Railways		Canadian Pacific Railway Company	
	1968	1967 <sup>r</sup>	1968	1967	1968	1967 <sup>r</sup>
dollars						
<u>Operating revenues</u>						
Freight .....	101,266,744	102,347,001	50,209,684	48,861,161	37,094,123	39,721,535
Passenger .....	5,494,976	7,321,751	3,769,869	5,402,827	1,188,321	1,526,109
Sleeping and parlour car .....	608,496	1,230,920	374,239	879,661	226,608	341,575
Mail .....	1,167,782	1,306,256	883,958	957,261	208,172	209,690
Express .....	1,657,083	2,728,375	920,249	1,986,151	578,788	577,413
Switching .....	757,541	802,873	222,701	299,385	244,020	235,141
Payments relating to the National Transportation Act .....	7,920,838	9,030,896	4,587,620	5,222,222	3,225,697	3,696,656
Incidental .....	4,225,444	4,301,329	2,546,643	2,594,938	1,465,266	1,467,891
All other .....	318,727	287,693	175,784	142,528	133,530	139,438
Totals .....	123,417,631	129,357,094	63,690,747	66,346,134	44,364,525	47,915,448
<u>Operating expenses</u>						
Road maintenance .....	22,568,906	22,262,190	12,311,577	12,436,501	7,310,002	7,174,313
Equipment maintenance .....	25,871,487	26,410,980	14,215,701	14,916,499	9,413,492	9,473,621
Traffic .....	3,042,330	3,282,608	1,615,153	1,639,884	1,254,714	1,488,669
Transportation (railway line) ....	44,477,792	45,930,700	24,063,926	25,743,391	16,132,933	16,388,453
Miscellaneous railway operations	2,319,881	2,508,684	1,748,392	1,696,839	551,535	769,978
General .....	11,067,854	11,484,792	6,158,433	6,628,460	4,013,170	3,981,601
Equipment rents .....	355,299	371,176	Cr. 234,582	Cr. 131,362	Cr. 223,944	Cr. 127,667
Joint facility rents .....	430,533	347,445	56,216	16,716	258,646	233,954
Railway tax accruals .....	7,468,861	8,358,511	2,732,812	2,617,020	2,996,300	4,458,000
Totals .....	117,602,943	120,957,086	62,667,628	65,563,948	41,706,848	43,840,922
Net operating income .....	5,814,688	8,400,008	1,023,119	782,186	2,657,677	4,074,526

(1) Payments related to the National Transportation Act have not been restated by a few of the smaller roads.

<sup>r</sup> Revised figures.

TABLE 2. Rail Operating Revenues, Expenses and Net Income  
September 1968

	Total 24 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1968	1967 <sup>r</sup>	1968	1967	1968	1967 <sup>r</sup>
dollars						
<u>Operating revenues</u>						
Railway .....	123,417,631	129,357,094	63,690,747	66,346,134	44,364,525	47,915,448
Express .....	6,410,873	6,011,690	4,551,029	3,794,710	1,831,995	2,194,868
Commercial communications .....	7,876,375	7,282,878	4,807,000	4,438,000	2,546,070	2,320,463
Highway transport (rail) .....	629,399	413,911	570,104	344,098	-	-
Totals .....	138,334,278	143,065,573	73,618,880	74,922,942	48,742,590	52,430,779
<u>Operating expenses</u>						
Railway .....	117,602,943	120,957,086	62,667,628	65,563,948	41,706,848	43,840,922
Express .....	6,312,028	5,948,459	4,464,187	3,739,118	1,820,120	2,188,391
Commercial communications .....	6,671,542	6,084,272	3,993,602	3,691,356	2,281,727	2,069,691
Highway transport (rail) .....	594,757	373,929	541,595	332,020	-	-
Totals .....	131,181,270	133,363,746	71,667,012	73,326,442	45,808,695	48,099,004
<u>Net operating income</u>						
Railway .....	5,814,688	8,400,008	1,023,119	782,186	2,657,677	4,074,526
Express .....	98,845	63,231	86,842	55,592	11,875	6,477
Commercial communications .....	1,204,833	1,198,606	813,398	746,644	264,343	250,772
Highway transport (rail) .....	34,642	39,982	28,509	12,078	-	-
Totals .....	7,153,008	9,701,827	1,951,868	1,596,500	2,933,895	4,331,775

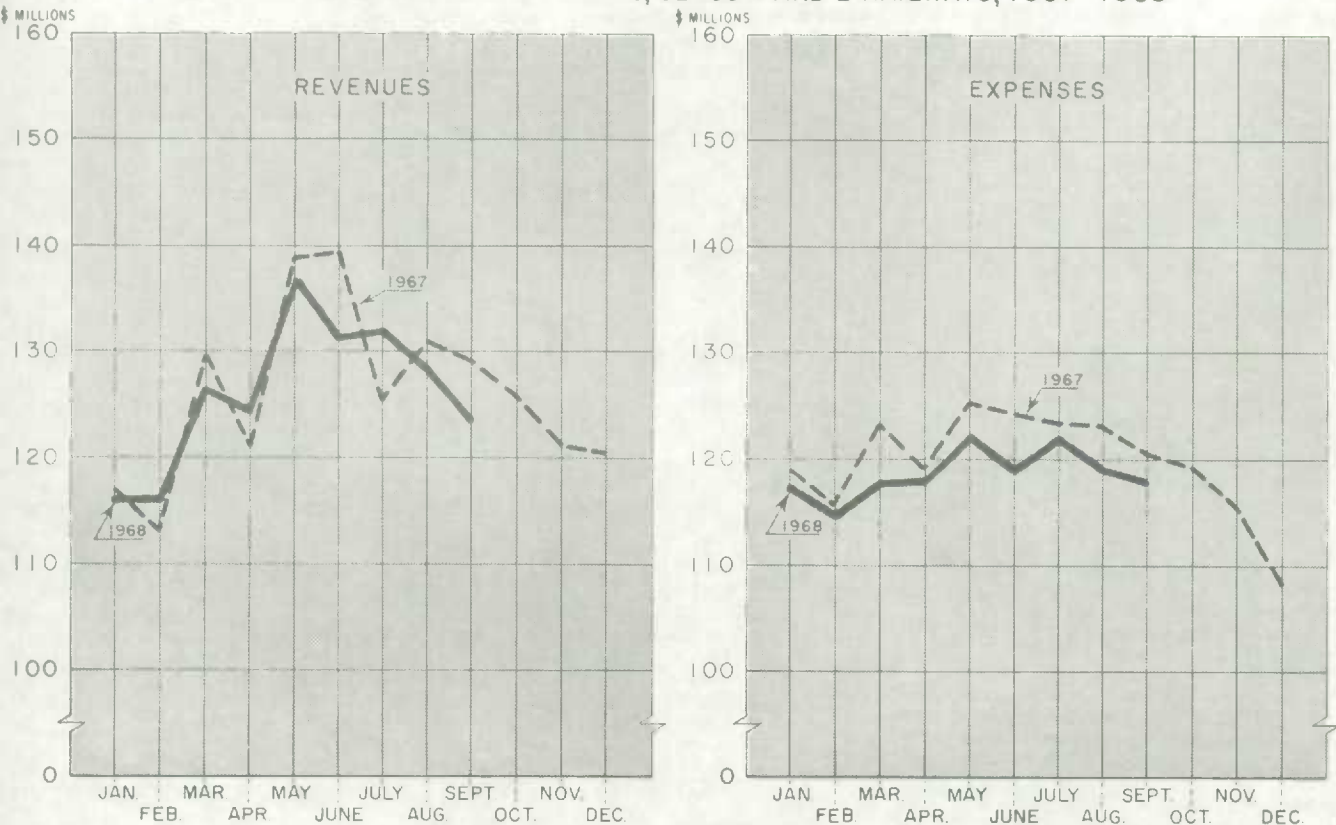
<sup>r</sup> Revised figures.

TABLE 3. Cumulative Rail Operating Revenues, Expenses and Net Income  
January 1 to September 30, 1968

	Total 24 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1968	1967 <sup>r</sup>	1968	1967	1968	1967 <sup>r</sup>
dollars						
<b>Operating revenues</b>						
Railway .....	1,134,219,896	1,144,244,669	580,012,234	589,355,447	417,270,528	424,235,666
Express .....	57,519,103	52,179,458	40,046,322	31,657,341	17,278,203	20,386,954
Commercial communications .....	66,755,828	61,586,792	40,693,000	37,647,000	21,397,068	19,409,836
Highway transport (rail) .....	5,998,887	3,309,254	5,526,182	2,822,419	-	-
Totals .....	1,264,493,714	1,261,320,173	666,277,738	661,482,207	455,945,799	464,032,456
<b>Operating expenses</b>						
Railway .....	1,068,128,975	1,094,573,094	563,285,007	590,696,174	387,516,222	395,473,232
Express .....	56,664,372	51,626,107	39,298,584	31,189,555	17,171,328	20,289,155
Commercial communications .....	57,847,617	54,143,357	35,110,227	33,359,527	19,555,162	17,884,747
Highway transport (rail) .....	5,598,020	3,160,501	5,202,276	2,768,614	-	-
Totals .....	1,188,238,984	1,203,503,059	642,896,094	658,013,870	424,242,712	433,647,134
<b>Net operating income</b>						
Railway .....	66,090,921	49,671,575	16,727,227	Dr. 1,340,727	29,754,306	28,762,434
Express .....	854,731	553,351	747,738	467,786	106,875	97,799
Commercial communications .....	8,908,111	7,443,435	5,582,773	4,287,473	1,841,906	1,525,089
Highway transport (rail) .....	400,867	148,753	323,906	53,805	-	-
Totals .....	76,254,630	57,817,114	23,381,644	3,468,337	31,703,087	30,385,322

<sup>r</sup> Revised figures.

OPERATING REVENUES AND EXPENSES, CLASS 1 AND 2 RAILWAYS, 1967-1968





1010640597

TABLE 4. Railway Traffic and Employment Statistics  
September 1968

	Total 24 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1968	1967 <sup>1</sup>	1968	1967	1968	1967
Miles of road operated (monthly average) ..	44,110.41	43,964.51	22,884.80	22,750.80	16,661.90	16,637.90
<u>Freight</u>						
Tons carried - Revenue freight(1) .....	20,832,167	20,345,548	7,913,382	7,435,471	5,414,271	5,857,277
Ton-miles - Revenue freight ..... '000	7,714,873	7,626,085	3,746,812	3,750,307	2,695,118	2,647,067
Ton-miles - Revenue and non-revenue freight ..... '000	7,947,930	7,780,929	3,890,109	3,853,313	2,774,105	2,689,728
<u>Passengers</u>						
Revenue passengers(1) .....	2,102,037	2,673,021	1,064,334	1,710,945	434,226	558,786
Revenue passenger-miles ..... '000	213,500	309,619	151,071	228,414	45,368	67,291
<u>Gross ton-miles</u>						
Freight train ..... '000	15,389,061	15,529,177	7,512,228	7,788,327	5,632,123	5,518,012
Passenger train ..... '000	2,010,034	2,251,649	1,630,673	1,706,682	311,328	469,610
Totals ..... '000	17,399,095	17,780,826	9,142,901	9,495,009	5,943,451	5,987,622
<u>Train-miles</u>						
Freight service .....	4,760,237	5,132,248	2,447,680	2,752,302	1,757,166	1,840,963
Passenger service .....	2,452,786	2,744,009	1,743,432	1,886,767	499,474	661,777
Work service .....	152,692	180,854	99,440	134,646	26,489	10,405
Totals .....	7,365,715	8,057,111	4,290,552	4,773,715	2,283,129	2,513,145
<u>Car-miles</u>						
Freight:						
Loaded .....	187,442,156	188,995,031	96,537,413	98,284,075	71,285,250	71,031,482
Empty .....	118,132,594	117,346,875	63,079,327	62,098,308	38,976,220	39,030,993
Cabooses .....	5,293,234	5,513,014	2,898,429	3,065,881	1,853,422	1,926,452
Totals .....	310,867,984	311,854,920	162,515,169	163,448,264	112,114,892	111,988,927
Passenger .....	22,774,073	30,738,775	16,699,602	22,488,647	4,674,204	6,735,228
Total transportation service .....	333,642,057	342,593,695	179,214,771	185,936,911	116,789,096	118,724,155
Number of employees - Railway .....	124,518	132,781	71,191	77,416	43,226	45,536
Payroll - Railway ..... \$	71,216,804	71,510,420	41,945,509	42,106,473	23,418,321	23,696,186
Payroll chargeable to railway operating expenses ..... \$	62,064,736	63,922,077	35,429,729	37,319,837	21,263,644	21,511,265

(1) Includes traffic handled by more than one road.  
<sup>1</sup> Revised figures.

TABLE 5. Miscellaneous Railway Averages  
September 1968

	Total 24 railways		Canadian National Railways		Canadian Pacific Railway Company	
	1968	1967 <sup>1</sup>	1968	1967	1968	1967 <sup>1</sup>
<u>Per day per mile of road operated</u>						
Operating revenues ..... \$	93.26	98.08	92.77	97.21	88.75	96.00
Operating expenses ..... \$	88.87	91.71	91.28	96.06	83.44	87.83
Ton-miles - Revenue freight .....	5,830	5,782	5,457	5,495	5,392	5,303
Ton-miles - All freight .....	6,006	5,899	5,666	5,646	5,550	5,389
Passenger-miles - Revenue .....	161	235	220	335	91	135
<u>Per freight-train mile</u>						
Freight revenue(1) ..... \$	22.94	21.70	22.39	19.65	22.95	23.58
Tons carried - Revenue freight .....	1,621	1,486	1,531	1,363	1,534	1,438
Tons carried - All freight .....	1,670	1,516	1,589	1,400	1,579	1,461
Freight cars - Loaded .....	39.4	36.8	39.4	35.7	40.6	38.6
Freight cars - Empty .....	24.8	22.9	25.8	22.6	22.2	21.2
<u>Per passenger-train mile</u>						
Passengers carried .....	87	113	87	121	91	102
Passenger cars .....	9.3	11.2	9.6	11.9	9.4	10.2
<u>Other</u>						
Operating expense per train-mile ..... \$	15.97	15.01	14.61	13.73	18.27	17.44
Miles hauled - Revenue freight .....	370	375	473	504	498	452
Miles carried - Revenue passengers .....	102	116	142	134	104	120
Tons carried per loaded freight-car mile .....	42.4	41.2	40.3	39.2	38.9	37.9
Revenue per ton-mile of freight(1) ..... ¢	1.415	1.460	1.463	1.442	1.496	1.640
Revenue per passenger per mile .....	2.574	2.365	2.495	2.365	2.619	2.268
Ratio of operating payroll to operating revenues ... %	50.29	49.42	55.63	56.25	47.93	44.89
Ratio of operating expenses to operating revenues .. %	95.29	93.51	98.39	98.82	94.01	91.50
Ratio of transportation expenses to operating revenues ..... %	36.04	35.51	37.78	38.80	36.36	34.20

(1) Payments relating to the National Transportation Act have been added to freight revenues for computing these averages.  
<sup>1</sup> Revised figures.