

CATALOGUE No.

52-206

ANNUAL C.3

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 46

RAILWAY OPERATING STATISTICS

YEAR 1966

DOMINION BUREAU
OF STATISTICS

Price: 25 cents

JUN 12 1967

PROPERTY OF THE
LIBRARY

Financial and operating statistics presented in this report are based on cumulative monthly returns relating to the period January 1 to December 31, 1966. Revisions and adjustments not appearing in figures published each month are contained herein. The railways represented in this publication include the Canadian National Railways, The Canadian Pacific Railway Company (class 1) and twenty-one other common carrier lines whose gross annual revenues are \$500,000 or more annually (class 2). Excluded are details of the British Columbia Hydro and Power Authority Railway line and the Cartier Railway which are not available, as well as statistics of class 3 and 4 roads (those with revenues of less than \$500,000) whose operations account for about one per cent of the total.

Financial Statistics

Despite a 6-day nation wide railway strike operating revenues of the twenty-three lines reporting in 1966 increased 7.8 per cent to \$1,476,133,680 from the previous year. Operating expenses on the other hand increased only 6.1 per cent to \$1,367,252,957 and as a result the net operating income rose to \$108,880,723 from \$80,724,074 a year earlier. Railway operating expenses for 1966 amounted to 92.62 cents per dollar of revenue.

The Canadian National Railways reported a 9.9 per cent increase in operating revenues to \$750,742,149 from 1965 with this figure including some \$98.0 million in Federal Government subsidies. Operating expenses increased to a lesser degree, rising 7.7 per cent to \$721,146,934 and resulted in a net operating income of \$29,595,215 in comparison with \$13,688,333 in 1965. The Canadian Pacific Railway Company also reported an increase in operating revenues, up 6.9 per cent to \$554,608,312. Included in this figure was some \$40.0 million in Federal Government Payments. Operating expenses rose 5.4 per cent to \$504,220,828 and as a result, the net operating income rose to \$50,387,484 from \$40,482,211. These figures do not include any provision for fixed charges.

Rail operating revenues, comprising railway, express, commercial communications and highway transport (rail) services totalled \$1,626,350,746 in contrast to \$1,506,603,560. Operating expenses increased 6.4 per cent to \$1,507,197,409 while the net operating income rose to \$119,153,337 from \$90,319,552 in 1965.

Operating Statistics

Revenue freight carried by rail, increased 5.5 per cent to 237,719,898 tons in 1966 over 1965. An analysis and provincial breakdown of rail commodity statistics is given in the series entitled, "Railway Freight Traffic," catalogue number 52-002. The number of ton-miles rose 9.1 per cent to 94,944,347,000 and as a result the average length of haul increased to 399 from 386 miles. The average revenue per ton-mile of freight rose slightly to 1.388 cents from 1.387.

The number of passengers carried declined 1.8 per cent to 23,194,168. Passenger-miles dropped to 2,587.5 million from 2,664.4. The average journey at 112 miles was down 1 mile from the 1965 figure while the average revenue per passenger-mile dropped to 2.427 cents from 2.467.

Transportation and Public Utilities Division
Transportation Section

May 1967
8702-533

TABLE 1. Railway Operating Revenues, Expenses and Net Income
Year 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways				
	1966	1965 ^r	1966	1965 ^r	1966	1965
	dollars					
Operating revenues:						
Freight(2)	1,317,630,257	1,207,405,570	648,491,105(3)	590,937,080	509,892,011(3)	461,192,418
Passenger	62,791,961	65,730,879	44,364,780	39,076,695	16,059,291	23,946,514
Sleeping and parlour car	11,497,128	10,602,845	9,487,718	6,799,235	1,841,508	3,587,522
Mail	15,194,062	15,720,804	11,126,663	10,219,076	2,049,610	3,380,654
Express	12,634,488	15,720,134	7,757,586	9,691,436	3,184,137	4,034,151
Switching	9,275,279	8,416,257	3,664,819	3,414,085	3,113,354	2,913,492
Incidental	43,594,925	41,674,379	24,565,935	21,862,053	16,879,931	18,033,723
All other	3,515,580	3,519,424	1,283,543	1,197,817	1,588,470	1,788,814
Totals	1,476,133,680	1,368,790,292	750,742,149	683,197,477	554,608,312	518,877,288
Operating expenses:						
Road maintenance	254,937,953	248,013,475	141,660,622	138,557,373	85,167,925	81,443,125
Equipment maintenance	295,579,906	283,523,900	162,318,783	152,279,728	108,211,661	107,283,842
Traffic	37,906,518	34,393,177	20,689,666	18,484,638	15,264,433	13,968,748
Transportation (railway line)	521,469,079	495,562,091	286,428,738	267,339,658	192,721,003	185,745,787
Miscellaneous railway operations	19,631,854	20,383,807	13,327,401	11,945,256	5,939,196	8,061,549
General	126,748,750	116,779,120	72,463,694	66,009,584	43,566,816	41,957,367
Equipment rents	6,027,489	2,560,092	Cr. 572,885	Cr. 3,848,827	Cr. 2,640,876	Cr. 4,405,166
Joint facility rents	2,896,948	2,991,577	33,636	38,496	1,474,486	1,598,493
Railway tax accruals	102,054,450	83,858,979	24,797,279	18,703,238	54,516,184	42,741,332
Totals	1,367,252,957	1,288,066,218	721,146,934	669,509,144	504,220,828	478,395,077
Net operating income	108,880,723	80,724,074	29,595,215	13,688,333	50,387,484	40,482,211

(1) Excludes data of the British Columbia Hydro and Power Authority Railway line, which is not available. (2) Includes payments related to the recommendations of the MacPherson Royal Commission and under the Freight Rates Reduction Act. (3) Includes allowances received from the Federal Government in respect of retroactive wage awards. ^r Revised figures.

TABLE 2. Rail Operating Revenues, Expenses and Net Income
Year 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways				
	1966	1965 ^r	1966	1965 ^r	1966	1965
	dollars					
Operating revenues:						
Railway	1,476,133,680	1,368,790,292	750,742,149	683,197,477	554,608,312	518,877,288
Express	69,672,630	63,698,398	40,968,437	37,637,056	28,487,903	25,812,647
Commercial communications	76,834,696	70,330,785	47,077,000	42,959,000	23,985,565	21,947,544
Highway transport (rail)	3,709,740	3,784,085	3,330,077	3,517,997	-	-
Totals	1,626,350,746	1,506,603,560	842,117,663	767,311,530	607,081,780	566,637,479
Operating expenses:						
Railway	1,367,252,957	1,288,066,218	721,146,934	669,509,144	504,220,828	478,395,077
Express	69,092,000	63,062,852	40,533,687	37,143,470	28,341,203	25,665,947
Commercial communications	67,670,306	62,188,927	41,927,596	38,306,159	22,119,529	20,452,230
Highway transport (rail)	3,182,146	2,966,011	2,894,053	2,758,188	-	-
Totals	1,507,197,409	1,416,284,008	806,502,270	747,716,961	554,681,560	524,513,254
Net operating income:						
Railway	108,880,723	80,724,074	29,595,215	13,688,333	50,387,484	40,482,211
Express	580,630	635,546	434,750	493,586	146,700	146,700
Commercial communications	9,164,390	8,141,858	5,149,404	4,652,841	1,866,036	1,495,314
Highway transport (rail)	527,594	818,074	436,024	759,809	-	-
Totals	119,153,337	90,319,552	35,615,333	19,594,569	52,400,220	42,124,225

(1) See footnote (1) Table 1, page 2.
^r Revised figures.

TABLE 3. Rail Operating Revenues, Expenses and Net Income, by Railway
Year 1966

Railway	Operating revenues		Operating expenses		Net rail operating income	
	1966	1965	1966	1965 ^r	1966	1965 ^r
			dollars			
Algoma Central Rly. Co.	11,208,290	10,797,547	9,092,846	8,939,843	2,115,444	1,857,704
Alma & Jonquieres Railway Co.	599,513	612,050	540,225	557,651	59,288	54,399
Arnaud Railway Company	1,597,375	1,017,880	1,171,554	573,764	425,822	444,116
British Columbia Hydro and Power Authority			Not available			
Canada Southern Railway Co. (Michigan Central)	23,153,856	23,454,052	17,917,731	18,859,180	5,236,125	4,594,872
Canadian National Railways	842,117,663	767,311,530	806,502,270	747,716,961	35,615,393	19,594,569
Canadian Pacific Railway Co.	607,081,780	566,637,479	554,681,560	524,513,254	52,400,220	42,124,225
Chesapeake & Ohio Railway Co.	14,877,880	15,524,368	13,219,391	13,553,006	1,658,489	1,961,362
Cumberland Railway Co.	3,135,264	3,356,527	3,162,685	3,329,501	Dr. 27,421	27,026
Essex Terminal Railway Co.	1,044,213	954,860	893,336	832,775	150,877	122,085
Grand Falls Central Railway Co.	1,546,821	1,517,078	1,068,283	1,032,420	478,538	484,658
Great Northern Railway Co.	2,142,914	1,986,020	2,499,712	2,407,407	Dr. 356,798	Dr. 421,387
Midland Railway of Manitoba	820,861	651,547	1,202,059	1,126,820	Dr. 381,198	Dr. 475,273
Napierville Junction Railway Co.	944,580	967,486	933,918	924,815	10,662	42,671
Norfolk and Western Railway Company	5,290,199	5,662,924	8,229,165	8,553,153	Dr. 2,938,966	Dr. 2,890,229
Northern Alberta Railways Co.	10,953,413	9,997,801	10,033,678	9,803,599	919,735	194,202
Ontario Northland Railway Co.	18,602,930	17,037,524	17,444,887	16,591,821	1,158,043	445,703
Pacific Great Eastern Railway Co. ...	18,212,044	18,507,232	14,465,903	14,121,705	3,746,141	4,385,527
Quebec North Shore & Labrador Rly. Co.	49,616,670	48,088,198	32,471,213	31,588,450	17,145,457	16,499,748
Roberval & Saguenay Railway Co.	3,814,443	3,674,325	3,021,015	2,943,505	793,428	730,820
St. Lawrence & Adirondack Rly. Co. ..	1,106,158	1,040,282	1,052,242	1,014,878	53,916	25,404
Toronto, Hamilton & Buffalo Rly. Co.	5,042,403	5,266,916	4,518,532	4,870,291	523,871	396,625
Wabush Lake Railway Company	1,889,458	1,334,184	1,658,670	1,270,852	230,788	63,332
White Pass & Yukon Route (lines in Canada)	1,552,017	1,205,750	1,416,534	1,148,357	135,483	57,393
Totals	1,626,350,746	1,506,603,560	1,507,197,409	1,416,284,008	119,153,337	90,319,552

^r Revised figures.

TABLE 4. Cumulative Rail Operating Revenues, Expenses and Net Income, 1962-1966

	Total class 1 and 2 railways(1)				
	1962	1963	1964	1965 ^r	1966
Operating revenues:					
Railway	1,164,125,678	1,215,372,145	1,322,542,283	1,368,790,292	1,476,133,680
Express	60,780,330	58,813,112	61,130,393	63,698,398	69,672,630
Commercial communications	60,035,093	60,475,111	65,045,158	70,330,785	76,834,696
Highway transport (rail)	7,201,069	3,354,764	3,998,864	3,784,085	3,709,740
Totals	1,292,142,170	1,338,015,132	1,452,716,698	1,506,603,560	1,626,350,746
Operating expenses:					
Railway	1,120,244,971	1,154,066,184	1,240,996,149	1,288,066,218	1,367,252,957
Express	60,076,456	58,097,414	60,497,187	63,062,852	69,092,000
Commercial communications	52,205,202	53,507,815	58,505,837	62,188,927	67,670,306
Highway transport (rail)	6,693,925	2,945,398	3,321,458	2,966,011	3,182,146
Totals	1,239,220,554	1,268,616,811	1,363,320,631	1,416,284,008	1,507,197,409
Net operating income:					
Railway	43,880,707	61,305,961	81,546,134	80,724,074	108,880,723
Express	703,874	715,698	633,206	635,546	580,630
Commercial communications	7,829,891	6,967,296	6,539,321	8,141,858	9,164,390
Highway transport (rail)	507,144	409,366	677,406	818,074	527,594
Totals	52,921,616	69,398,321	89,396,067	90,319,552	119,153,337

(1) Represents 23 roads in 1965 and 1966 as compared with 22 roads reporting in previous years.
^r Revised figures.



1010553007

TABLE 5. Railway Traffic and Employment Statistics
Year 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways	Railways		Company	
	1966	1965 ^F	1966	1965 ^F	1966	1965
Miles of road operated (monthly average) ..	43,959.18	43,960.04	22,789.07	22,768.53	16,649.90	16,667.20
Freight:						
Tons carried - Revenue freight(2)	237,719,898	225,356,167	91,430,400	88,313,325	71,940,895	67,411,452
Ton-miles - Revenue freight	94,944,347	87,052,200	45,494,121	42,174,430	37,950,302	33,773,280
Ton-miles - Revenue and non-revenue freight	96,796,318	88,924,992	46,547,772	43,243,035	38,639,703	34,425,964
(000)						
Passengers:						
Revenue passengers(2)	23,194,168	23,610,374	16,266,191	15,755,841	6,018,668	6,868,283
Revenue passenger-miles	2,587,453	2,664,380	1,931,541	1,675,393	557,345	878,676
(000)						
Gross ton-miles:						
Freight train	195,421,342	183,692,922	94,990,280	91,095,956	78,945,574	71,485,615
Passenger train	19,380,601	20,147,373	15,093,542	13,610,414	3,387,773	5,499,150
Totals	214,801,943	203,840,295	110,083,822	104,706,370	82,333,347	76,984,765
(000)						
Train-miles:						
Freight service	68,334,424	67,803,428	35,205,297	35,332,667	26,930,407	26,116,622
Passenger service	27,625,457	29,463,880	20,082,132	18,691,444	5,919,021	8,860,344
Work service	1,917,362	1,864,877	1,411,165	1,349,794	182,777	158,908
Totals	97,847,243	99,132,185	56,698,594	55,373,905	33,032,205	35,135,874
Car-miles:						
Freight:						
Loaded	2,406,813,118	2,307,413,682	1,219,225,513	1,172,511,497	977,568,919	921,149,323
Empty	1,523,609,325	1,440,369,183	755,134,179	733,867,452	608,969,469	543,167,624
Caboose	72,099,077	71,614,718	37,641,618	37,141,833	28,654,633	28,263,489
Totals	4,002,521,520	3,819,397,583	2,012,001,310	1,943,520,782	1,615,193,021	1,492,580,436
Passenger	276,069,998	306,536,907	208,204,226	205,502,703	51,864,865	83,430,599
Total transportation service	4,278,591,518	4,125,934,490	2,220,205,536	2,149,023,485	1,667,057,886	1,576,011,035
Number of employes - Railway	130,790	133,812	73,698	75,129	47,625	49,332
Payroll - Railway	\$ 762,742,675	\$ 735,441,720	\$ 434,948,283	\$ 416,194,868	\$ 268,420,270	\$ 263,242,579
Payroll chargeable to railway operating expenses	\$ 698,290,975	\$ 675,749,706	\$ 396,140,149	\$ 382,926,092	\$ 248,188,793	\$ 242,577,233

(1) See footnote (1) Table 1, page 2. (2) Includes traffic handled by more than one road. ^F Revised figures.

TABLE 6. Miscellaneous Railway Averages
Year 1966

	Total(1)		Canadian National Railways		Canadian Pacific Railway Company	
	23 railways	23 railways	Railways		Company	
	1966	1965 ^F	1966	1965 ^F	1966	1965
Per day per mile of road operated:						
Operating revenues	\$ 92.00	\$ 85.31	\$ 90.25	\$ 82.21	\$ 91.26	\$ 85.29
Operating expenses	\$ 85.21	\$ 80.28	\$ 86.70	\$ 80.56	\$ 82.97	\$ 78.64
Ton-miles - Revenue freight	5,917	5,425	5,469	5,075	6,245	5,552
Ton-miles - All freight	6,033	5,542	5,596	5,203	6,358	5,659
Passenger-miles - Revenue	161	166	232	202	92	144
Per freight train mile:						
Freight revenue	\$ 19.29	\$ 17.81	\$ 18.42	\$ 16.72	\$ 18.93	\$ 17.66
Tons carried - Revenue freight	1,390	1,284	1,292	1,194	1,409	1,293
Tons carried - All freight	1,417	1,312	1,322	1,224	1,435	1,318
Freight cars - Loaded	35.2	34.0	34.6	33.2	36.3	35.3
Freight cars - Empty	22.3	21.2	21.4	20.8	22.6	20.8
Per passenger train mile:						
Passengers carried	94	90	96	90	94	99
Passenger cars	10.0	10.4	10.4	11.0	8.8	9.4
Other:						
Operating expense per train-mile	\$ 13.97	\$ 12.99	\$ 12.72	\$ 12.09	\$ 15.26	\$ 13.62
Miles hauled - Revenue freight	399	386	498	478	528	501
Miles carried - Revenue passengers	112	113	119	106	93	128
Tons carried per loaded freight-car-mile	40.2	38.5	38.2	36.9	39.5	37.4
Revenue per ton-mile of freight	\$ 1.388	\$ 1.387	\$ 1.425	\$ 1.401	\$ 1.344	\$ 1.366
Revenue per passenger per mile	\$ 2.427	\$ 2.467	\$ 2.297	\$ 2.332	\$ 2.881	\$ 2.725
Ratio of operating payroll to operating revenues ... %	47.31	49.37	52.77	56.05	44.75	46.75
Ratio of operating expenses to operating revenues .. %	92.62	94.10	96.06	98.00	90.91	92.20
Ratio of transportation expenses to operating revenues	% 35.33	% 36.20	% 38.15	% 39.13	% 34.75	% 35.80

(1) See footnote (1) Table 1, page 2.
^F Revised figures.