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DOMINION BUREAU OF STATISTICS

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RAILWAY OPERATING STATISTICS

Railway operating statistics presented in this report are not comparable with those presented in previous years. In 1956, four railways, the Canadian National, the Canadian Pacific, the Quebec North Shore and Labrador and the Pacific Great Eastern reported according to the new Uniform Classification of Accounts which is to be the basis for reporting by all railways in 1957. As a result, it has been necessary to present two sets of financial statistics in this report, one for the 17 railways operating under the old classification and the other for the four railways which are now using the new system.

A second major change occurred as a result of a decision to introduce comparability between Railway Operating, Railway Freight Traffic and Carloading statistics. These reports now pertain to Class 1 and 2 common carriers by rail, or railways with gross annual revenues in excess of \$500,000. This has meant an increase in the number of railways reporting from 17 to 21.

Although this report represents a departure from the statistical series presented in previous years, comparable data have been secured for the years 1956 and 1955. Net Rail Operating income of Class 1 and 2 common carriers by rail rose to \$113,674,768 in 1956 from \$99,029,944 in 1955, an increase of \$14,644,824 or 14.8 per cent.

Rail operating revenues of the four railways on the Uniform Classification of Accounts were up 13.5 per cent to \$1,276,108,716 from \$1,124,436,546 while operating expenses increased 13.3 per cent to \$1,177,194,760 from \$1,039,291,580. Operating revenues of the 17 railways on the old classification rose 5.2 per cent to \$119,567,006 while expenses went up 6.9 per cent to \$83,542,986. Operating statistics are not comparable for the two groups due to differences in accounting classification.

Freight revenues for all 21 railways at \$1,108,163,810 were up 14.7 per cent over 1955 while passenger revenues at \$85,197,725 advanced 2.6 per cent. The average freight receipt per revenue ton-mile dropped to 1.407 cents from 1.460 cents, the overall increase in freight revenues being attributable rather to greater tonnage carried, heavier average carloads and longer average hauls.

Offsetting a decline of 5.1 per cent in the number of passengers carried were increased revenues per passenger-mile and per passenger journey. The average receipt per passenger per mile rose to 2.932 cents from 2.871 cents and the average journey increased in length to 113 from 107 miles. The ratio of operating payroll to operating revenues decreased to 48.70 per cent from 51.92 and the ratio of operating expenses to revenues increased slightly to 89.98 from 89.90.

Prepared in the Transportation and Public Utilities Section,

Public Finance and Transportation Division.

8504-505-126

FINANCIAL STATISTICS

For the twelve months ended December 31, 1956

Subject to Revision

17 RAILWAYS NOT ON UNIFORM CLASSIFICATION OF ACCOUNTS, 1956*

OPERATING REVENUES -	1956	1955	OPERATING EXPENSES -	1956	1955
	\$	\$		\$	\$
Freight	100,638,846	96,476,060	Maintenance of way and structures	18,221,035	17,795,519
Passenger	5,055,435	5,024,712	Maintenance of equipment	15,433,096	14,147,203
Mail	679,794	713,695	Traffic	1,897,403	1,768,157
Express	2,641,883	2,526,664	Transportation	40,294,860	37,336,278
Other passenger train	197,502	172,435	Miscellaneous operations	2,463,805	2,173,269
Water line	3,277,156	2,495,441	General	5,232,787	4,933,252
All other	7,076,390	6,196,591			
Total Railway Operating Revenues	119,567,006	113,605,598	Total Railway Operating Expenses	83,542,986	78,153,678
OPERATING INCOME -					
Net operating revenue	36,024,020	35,451,920	Joint facility rents	942,298	949,775
Railway tax accruals	6,057,999	7,263,681	Net Railway Operating Income	14,760,812	13,883,978
Hire of equipment	14,262,911	13,354,486			

4 RAILWAYS ON UNIFORM CLASSIFICATION OF ACCOUNTS, 1956*

RAIL REVENUES	Total 4 Railways		Canadian National Railways		Canadian Pacific Railway Co.	
	1956	1955	1956	1955 ^{1/}	1956	1955 ^{2/}
	\$	\$	\$	\$	\$	\$
Railway Operating Revenues:						
Freight	1,007,524,964	869,247,195	537,448,606	467,843,833	423,754,140	368,948,264
Passenger	80,142,290	77,992,644	41,984,751	40,327,729	37,825,191	37,475,825
Sleeping and parlour car	11,822,280	11,275,026	4,873,003	4,718,805	6,929,083	6,537,088
Mail	13,292,417	13,769,758	7,398,030	6,999,479	5,890,689	6,767,443
Express	23,413,748	20,876,104	13,216,734	11,352,069	10,048,271	9,397,783
Switching	8,190,827	7,292,105	4,588,775	3,924,285	3,602,052	3,367,820
Incidental	30,884,488	32,761,293	15,102,490	18,349,327	15,632,645	14,305,183
All other	3,223,802	4,871,420	1,643,361	3,309,263	1,580,322	1,562,035
Total Railway Operating Revenues	1,178,494,816	1,038,085,545	626,255,750	556,824,790	505,262,393	448,361,441

Other Rail Operating Revenues:						
Express	56,532,549	52,851,617	29,122,651	26,622,654	27,409,898	26,228,963
Commercial communications	35,592,354	33,162,985	19,869,753	18,475,493	15,517,905	14,558,360
Highway transport (Rail)	5,488,997	337,399	5,144,234	-	344,763	337,399
TOTAL RAIL OPERATING REVENUES	1,276,108,716	1,124,437,546	680,392,388	601,922,937	548,534,959	489,486,163
RAIL EXPENSES						
Railway Operating Expenses:						
Road maintenance	230,343,531	189,671,903	122,377,720	108,996,725	85,269,240	71,093,177
Equipment maintenance	234,525,701	211,931,443	124,065,624	116,197,741	103,597,448	92,568,478
Traffic	23,386,873	22,071,541	12,050,567	11,191,112	11,236,125	10,804,153
Transportation (railway line)	452,679,416	410,135,519	257,169,880	232,597,603	190,022,037	173,629,253
Miscellaneous railway operations .	16,526,205	15,494,229	6,760,949	6,359,332	9,707,482	9,092,824
General	83,819,573	76,838,341	50,975,457	48,318,575	30,454,878	26,829,410
Equipment rents	842,435	Cr. 8,456,544	645,038	Cr. 5,187,492	Cr. 552,532	Cr. 3,776,070
Joint facility rents	1,305,042	1,195,352	Cr. 119,540	Cr. 170,198	1,424,582	1,365,550
Railway tax accruals	40,998,875	38,381,640	8,043,680	8,666,618	32,767,306	29,626,875
Total Railway Operating Expenses	1,084,427,651	957,263,424	581,969,375	526,970,016	463,926,566	411,233,650
Other Rail Operating Expenses:						
Express	55,877,505	52,299,647	28,485,130	26,148,538	27,392,375	26,151,109
Commercial communications	31,687,973	29,349,052	17,031,924	16,237,954	13,926,250	12,869,221
Highway transport (Rail)	5,201,631	379,457	4,824,342	-	377,289	379,457
TOTAL RAIL OPERATING EXPENSES ..	1,177,194,760	1,039,291,580	632,310,771	569,356,508	505,622,480	450,633,437
NET RAIL OPERATING INCOME						
Railway	94,067,165	80,822,121	44,286,375	29,854,774	41,335,827	37,127,791
Express	655,044	551,970	637,521	474,116	17,523	77,854
Commercial communications	3,904,381	3,813,933	2,837,829	2,237,539	1,591,655	1,689,139
Highway transport (Rail)	287,366	Dr. 42,058	319,892	-	Dr. 32,526	Dr. 42,058
TOTAL	98,913,956	85,145,966	48,081,617	32,566,429	42,912,479	38,852,726

* See Text for explanation.

1/ Excludes Electric Lines and Road Transport Trucks.

2/ Railway results of 1955 restated to take into account inclusion of C.P. Electric Lines and exclusion of Great Lakes Steamships results.

RAILWAY OPERATING STATISTICS

For the twelve months ended December 31, 1956

	Total 21 Railways		Canadian National Railways		Canadian Pacific Railway Company	
	1956	1955	1956	1955 <u>1/</u>	1956	1955 <u>2/</u>
Average miles of road operated	44,442.31	44,438.21	22,592.08	22,623.42	17,126.40	17,066.40
Tons carriedRevenue Freight	212,719,579	187,302,558	85,755,493	74,829,275	65,838,251	58,490,900
Tons carried one mile ...Revenue Freight(000)	78,774,427	66,133,504	37,591,061	31,520,065	30,433,335	25,737,727
Tons carried one mile ...Revenue and Non-Revenue Freight (000)	83,048,761	69,576,098	40,010,251	33,366,893	32,165,325	27,210,604
Revenue passengers carried	25,720,146	27,110,190	14,528,473	15,270,215	8,906,288	9,585,468
Revenue passengers carried one mile(000)	2,905,294	2,891,447	1,382,128	1,346,003	1,309,575	1,331,453
Gross ton miles - Freight train(000)	175,841,359	150,357,955	85,456,595	73,265,306	68,225,755	58,569,565
Gross ton miles - Passenger train(000)	27,671,447	27,767,772	14,150,155	13,887,188	11,597,445	12,065,814
Freight train miles	86,915,337	79,000,357	43,000,167	38,396,430	35,266,443	32,405,957
Passenger train miles	43,682,378	44,535,859	22,535,763	21,844,170	18,344,209	19,960,179
Total train Miles (transp. and work train service)	134,015,516	126,527,206	67,792,390	62,178,709	54,362,495	53,061,895
Freight car miles - loaded (Transportation Service)	2,508,416,287	2,225,821,569	1,273,193,931	1,123,387,486	974,083,978	858,312,635
Freight car miles - empty (Transportation Service)	1,298,426,064	1,115,068,024	615,850,427	531,309,593	502,346,863	434,004,033
Freight car miles - Total (Transportation Service)	3,894,469,253	3,420,111,171	1,933,074,464	1,693,926,619	1,512,270,148	1,325,326,580
Passenger car miles - Total (Transportation Service)	420,432,551	417,290,024	215,841,269	208,481,769	174,143,762	179,401,343
Total amount of pay-roll - Railway\$	680,197,212	646,349,469	367,536,739	364,187,472	260,581,479	234,562,511
Number of employees - Railway	182,031	184,272	100,510	106,236	69,575	66,292
Pay-roll Chargeable to Railway Operating Expenses\$	632,113,565	597,943,436	336,109,694	330,160,908	247,279,910	223,167,510

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating revenue	\$ 80.02	71.00	75.95	67.43	80.83	71.98
Operating expenses	\$ 72.00	63.84	70.59	63.82	74.21	66.02
No. of tons moved one mile (Rev. Fr.)	4,856	4,077	4,559	3,817	4,868	4,132
No. of tons moved one mile (All fr.)	5,120	4,290	4,852	4,041	5,146	4,368
No. of rev. passengers carried one mile	179	178	168	163	209	214

AVERAGES PER FREIGHT TRAIN MILE

Freight revenue	\$ 12.75	12.22	12.50	12.18	12.02	11.39
No. of tons of freight (Rev. Fr.)	906	837	874	821	863	794
No. of tons of freight (All Fr.)	956	881	930	869	912	840
Loaded freight cars	28.9	28.2	29.6	29.3	27.6	26.5
Empty freight cars	14.9	14.1	14.3	13.8	14.2	13.4

AVERAGES PER PASSENGER TRAIN MILE

Passengers carried	67	65	61	62	71	67
Passenger cars	9.6	9.4	9.6	9.5	9.5	9.0
Average operating expenses per train mile	\$ 8.72	8.18	8.58	8.48	8.53	7.75
Average length of haul (Rev. Fr.) Miles	370	353	438	421	462	440
Average passenger journey Miles	113	107	95	88	147	139
Average tons per loaded freight car mile	33.1	31.3	31.4	29.7	33.0	31.7
Average freight receipt per revenue ton mile	(cents) 1.407	1.460	1.430	1.484	1.392	1.433
Average passenger receipt per passenger per mile	(cents) 2.932	2.871	3.038	2.996	2.888	2.815
Ratio of operating pay roll to operating revenues....	(per cent) 48.70	51.92	53.67	59.29	48.94	49.77
Ratio of operating expenses to revenues.....	(per cent) 89.98	89.90	92.93	94.64	91.82	91.72

6 Includes duplications.

1/ Excludes Electric Lines and Road Transport Trucks.

2/ Railway results of 1955 restated to take into account inclusion of C.P. Electric Lines and exclusion of Great Lakes Steamships results.

CANADIAN NATIONAL RAILWAYS

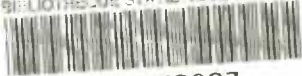
(Lines in Canada and United States)

For the twelve months ended December 31, 1956

	1956	1955
	\$	\$
<u>CANADIAN LINES</u>		
Rail* Operating Revenues	680,392,388	601,922,937
Rail* Operating Expenses	632,310,771	569,356,508
Net Rail* Operating Income	48,081,617	32,566,429
<u>UNITED STATES LINES</u>		
Operating Revenues	84,569,541	81,165,857
Operating Expenses	70,596,637	63,332,422
Net Operating Revenue	13,972,904	17,833,435
Operating Income	Dr. 1,289,807	4,144,207

* Includes Railway, Express, Commercial Communications and Highway Transport (Rail).

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