

DOMINION BUREAU OF STATISTICS

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Memorandum

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RAILWAY OPERATING STATISTICS

The Railway Operating Statistics Reports of 1956 are not comparable to those for previous years due to two principal changes. The first is the adoption of the "Uniform Classification of Accounts" by four of the reporting railways. The classification, which became effective for the Canadian National Railways, the Canadian Pacific Railway Company, and the Quebec North Shore and Labrador Railway Company on January 1, will be applicable to all common carrier railways operating in Canada on January 1, 1957. The Pacific Great Eastern Railway Company commenced using the new accounting system on March 1, 1956. Since the adoption of the new classification by some of the railways it has been necessary to present two sets of financial statistics in this report. The first is for 17 railways not on the new classification and the second is for the 4 railways (C.N.R., C.P.R., Q.N.S. & L., and the P.G.E.) which are now using the new system.

The second major change is that there has been an increase in the number of railways reporting from 17 to 21. All railways with gross annual revenue of \$500,000 or more (Class I and II common carriers) are required to report monthly and weekly statistics. Data for Railway Operating, Railway Freight Traffic and Carloading statistics will now be more comparable. It has not been possible in the past to make comparisons between these statistics due to the different groups of railways used in each series.

As financial statistics of railway operations are now submitted on a more current basis it has become necessary to publish the operating statistics, for each monthly period, one month later than the financial data. For the 21 railways whose December financial data are here reported, the November operating statistics are included. The operating data, being directly comparable between companies, are presented on pages 4 and 5 and show that, while total freight receipts and revenue ton miles increased substantially, the average freight receipt per revenue ton mile dropped from 1.551¢ to 1.495¢. Passenger miles were down although the average receipt per passenger mile rose slightly from 2.801¢ to 2.916¢. The ratio of operating pay roll to operating revenues decreased from 48.53 per cent to 47.37 per cent and the ratio of operating expenses to revenues increased from 87.75 per cent to 89.50 per cent.

Prepared in the Transportation and Public Utilities Section,

Public Finance and Transportation Division.

FINANCIAL STATISTICS

December, 1956

Subject to Revision

17 RAILWAYS NOT ON UNIFORM CLASSIFICATION OF ACCOUNTS, 1956*

OPERATING REVENUES -	1 9 5 6	1 9 5 5	OPERATING EXPENSES -	1 9 5 6	1 9 5 5
	\$	\$		\$	\$
Freight	7,570,641	7,324,758	Maintenance of way and structures ...	1,500,627	1,390,046
Passenger	378,222	430,112	Maintenance of equipment	1,362,486	1,213,693
Mail	61,382	66,207	Traffic	235,402	126,884
Express	265,193	225,643	Transportation	3,503,662	3,598,185
Other passenger train	15,720	14,603	Miscellaneous operations	237,904	183,081
Water line	173,630	107,347	General	524,791	537,417
All other	594,109	555,350			
Total Railway Operating Revenues ...	9,058,897	8,724,020	Total Railway Operating Expenses	7,364,872	7,049,306

OPERATING INCOME -

Net operating revenue	1,694,025	1,674,714	Joint facility rents	74,743	64,719
Railway tax accruals	Cr. 9,581	74,840	Net Railway Operating Income	482,301	480,570
Hire of equipment	1,146,562	1,054,585			

4 RAILWAYS ON UNIFORM CLASSIFICATION OF ACCOUNTS, 1956*

	Total 4 Railways		Canadian National Railways		Canadian Pacific Railway Co.	
	1 9 5 6	1 9 5 5	1 9 5 6	1 9 5 5 <u>1/</u>	1 9 5 6	1 9 5 5 <u>2/</u>
	\$	\$	\$	\$	\$	\$
RAIL REVENUES						
Railway Operating Revenues:						
Freight	76,373,712	70,595,421	40,476,591	38,974,833	35,249,899	31,153,356
Passenger	7,671,493	7,104,591	4,241,063	3,847,829	3,387,581	3,240,916
Sleeping and parlour car	922,498	892,617	386,577	399,260	534,074	492,155
Mail	1,624,991	1,609,404	963,830	798,779	660,742	810,253
Express	1,784,960	1,803,343	1,279,425	949,656	492,906	840,565
Switching	730,110	671,868	412,598	389,287	317,512	282,581
Incidental	3,993,369	3,627,683	2,500,828	2,115,054	1,477,996	1,503,091
All other	426,999	421,555	311,456	290,579	115,505	130,959
Total Railway Operating Revenues	93,528,132	86,726,482	50,572,368	47,765,277	42,236,215	38,453,876

Other Rail Operating Revenues:						
Express	6,443,133	7,023,503	2,781,385	2,645,867	3,661,748	4,377,636
Commercial communications	3,045,970	2,892,177	1,665,753	1,599,493	1,362,351	1,273,897
Highway transport (Rail)	493,137	27,868	465,000	-	28,137	27,868
TOTAL RAIL OPERATING REVENUES	103,510,372	96,670,030	55,484,506	52,010,637	47,288,451	44,133,277
RAIL EXPENSES						
Railway Operating Expenses:						
Road maintenance	17,456,851	13,966,519	10,269,124	9,209,524	6,900,164	4,450,525
Equipment maintenance	19,530,979	17,557,801	11,228,486	9,220,901	7,990,984	7,971,964
Traffic	2,235,818	2,057,960	1,179,479	1,070,214	1,042,888	982,663
Transportation (railway line) .	40,106,789	35,975,547	23,271,862	20,776,359	16,435,510	14,933,560
Miscellaneous railway operations	1,513,582	1,268,622	543,611	592,845	964,310	672,428
General	9,546,852	10,187,974	6,417,276	7,518,139	2,795,761	2,506,213
Equipment rents	Cr. 372,085	Cr. 466,717	Cr. 237,387	Cr. 321,578	Cr. 209,399	Cr. 190,106
Joint facility rents	12,862	49,916	44,785	59,933	Cr. 31,923	Cr. 10,017
Railway tax accruals	2,509,158	2,905,500	154,255	220,444	2,344,362	2,688,472
Total Railway Operating Expenses	92,540,806	83,503,122	52,871,491	48,346,781	38,232,657	34,005,702
Other Rail Operating Expenses:						
Express	6,427,700	6,965,258	2,724,453	2,579,206	3,703,247	4,386,052
Commercial communications	2,587,906	2,552,589	1,383,717	1,395,792	1,186,335	1,109,432
Highway transport (Rail)	435,076	33,482	405,893	-	29,183	33,482
TOTAL RAIL OPERATING EXPENSES	101,991,488	93,054,451	57,385,554	52,321,779	43,151,422	39,534,668
NET RAIL OPERATING INCOME						
Railway	987,326	3,223,360	Dr. 2,299,123	Dr. 581,504	4,003,558	4,448,174
Express	15,433	58,245	56,932	66,661	Dr. 41,499	Dr. 8,416
Commercial communications	458,064	339,588	282,036	203,701	176,016	164,465
Highway transport (Rail)	58,061	Dr. 5,614	59,107	-	Dr. 1,046	Dr. 5,614
TOTAL	1,518,884	3,615,579	Dr. 1,901,048	Dr. 311,142	4,137,029	4,598,609

* 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

November, 1956

	Total 21 Railways		Canadian National Railways		Canadian Pacific Railway Company	
	1 9 5 6	1 9 5 5	1 9 5 6	1 9 5 5 <u>1</u> /	1 9 5 6	1 9 5 5 <u>2</u> /
Average miles of road operated	44,508.43	44,408.07	22,617.90	22,598.98	17,127.20	17,061.20
0Tons carriedRevenue Freight	18,384,652	17,074,820	7,443,765	7,102,765	5,544,204	5,091,597
Tons carried one mileRevenue Freight(000)	6,440,083	5,651,807	2,990,303	2,730,213	2,545,080	2,156,561
Tons carried one mileRevenue and Non-Revenue Freight (000)	6,783,251	5,939,684	3,187,152	2,878,079	2,681,780	2,285,287
Revenue passengers carried	1,920,904	2,120,748	1,069,270	1,200,195	690,226	753,385
Revenue passengers carried one mile(000)	195,654	205,544	93,785	94,219	86,835	94,994
Gross ton miles - Freight train(000)	14,918,892	12,932,649	7,344,818	6,280,716	5,734,804	5,029,067
Gross ton miles - Passenger train(000)	2,140,502	2,231,658	1,123,216	1,126,399	856,619	946,158
Freight train miles	7,240,542	6,775,300	3,651,154	3,289,411	2,877,123	2,786,330
Passenger train miles	3,520,193	3,602,923	1,880,524	1,778,351	1,404,406	1,597,118
Total Train Miles (transp. and work train service)	11,057,551	10,568,007	5,743,050	5,187,161	4,319,915	4,420,990
Freight car miles - loaded (Transportation Service)	213,950,829	188,890,563	109,958,605	95,948,076	82,495,323	71,999,511
Freight car miles - empty (Transportation Service)	109,238,972	98,413,326	51,811,658	44,690,472	42,560,163	41,165,034
Freight car miles - Total (Transportation Service)	330,397,512	294,139,165	165,460,346	144,043,081	127,938,570	115,987,228
Passenger car miles - Total (Transportation Service)	33,277,486	33,663,911	17,303,211	16,955,643	13,379,066	14,236,295
Total amount of pay-roll - Railway\$	57,530,490	54,240,902	31,146,542	30,775,112	21,662,445	19,397,964
Number of employees - Railway	182,831	185,463	100,368	108,919	69,803	64,862
Pay-roll Chargeable to Railway Operating Expenses\$	52,861,208	49,777,600	28,247,835	27,610,220	20,402,830	18,400,905

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating revenue	\$	83.58	76.99	80.06	74.24	83.69	77.44
Operating expenses	\$	74.81	67.56	75.14	69.59	75.31	67.56
No. of tons moved one mile (Rev.Fr.)		4,823	4,242	4,407	4,027	4,953	4,213
No. of tons moved one mile (All Fr.)		5,080	4,458	4,697	4,245	5,219	4,465
No. of rev. passengers carried one mile		147	154	138	139	169	186

AVERAGES PER FREIGHT TRAIN MILE

Freight revenue	\$	13.29	12.94	12.80	13.06	12.86	12.04
No. of tons of freight (Rev. Fr.)		889	834	819	830	885	774
No. of tons of freight (All Fr.)		937	877	873	875	932	820
Loaded freight cars		29.5	27.9	30.1	29.2	28.7	25.8
Empty freight cars		15.1	14.5	14.2	13.6	14.8	14.8

AVERAGES PER PASSENGER TRAIN MILE

Passengers carried		56	57	50	53	62	59
Passenger cars		9.5	9.3	9.2	9.5	9.5	8.9
Average operating expenses per train mile	\$	9.03	8.52	8.88	9.10	8.96	7.82
Average length of haul (Rev.Fr.) Miles		350	331	402	384	459	424
Average passenger journey Miles		102	97	88	79	126	126
Average tons per loaded freight car mile		31.7	31.4	29.0	30.0	32.5	31.7
Average freight receipt per revenue ton mile (cents)		1.495	1.551	1.562	1.574	1.454	1.556
Average passenger receipt per passenger per mile (cents)		2.916	2.801	3.038	3.027	2.847	2.642
Ratio of operating pay roll to operating revenues(per cent)		47.37	48.53	52.00	54.85	47.45	46.42
Ratio of operating expenses to revenues(per cent)		89.50	87.75	93.86	93.74	89.99	87.24

Ø 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 Month of December, 1956

	1 9 5 6	1 9 5 5
	\$	\$
<u>CANADIAN LINES</u>		
Rail* Operating Revenues	47,288,451	54,133,277
Rail* Operating Expenses	43,151,422	39,534,668
Net Rail* Operating Income	4,137,029	4,598,609
 <u>UNITED STATES LINES</u>		
Operating Revenues	7,624,141	7,397,157
Operating Expenses	5,696,519	5,940,076
Net Operating Revenue	1,927,622	1,457,081
Operating Income	718,822	322,087

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

+ Revised.

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