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DOMINION BUREAU OF STATISTICS

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YEAR, 1954

RAILWAY OPERATING STATISTICS

(Operating Revenues, Expenses and Statistics of 17 Railways mainly with Annual Operating Revenues over \$500,000)

TOTAL - 17 RAILWAYS:

The rail transportation industry had a 9 p.c. drop in revenues from \$1,194,711,157 in 1953 to \$1,087,062,332 in 1954. The 17 railways whose statistics are included in this report are listed in the August, 1954 report at which time the Quebec, North Shore and Labrador Railway was added. The revenue decline resulted mainly from a \$100 million decrease in freight revenues to \$865,570,274. Operating expenses dropped 7.1 p.c. to \$1,013,914,299 from \$1,091,518,257 with reductions of \$39 million to \$475,530,776 in transportation expenses and of \$26 million to \$225,765,970 in maintenance of equipment. (On the basis of 16 railways for both 1954 and 1955, excluding the Q.N.S.&L.R., revenues dropped 9.4 p.c. and expenses fell 7.5 p.c.) Net operating revenue declined 29.1 p.c. to \$73,148,033 from \$103,192,900 while operating income amounted to \$34,150,474, down 39.2 p.c. from \$56,132,302. Revenue freight carried was off 7.4 p.c. to 156,739,694 tons from 169,239,163 and freight ton miles fell 10.7 p.c. to 58,053,053,000. Passengers carried at 28,188,777 were down 1.1 p.c. from 28,508,939 and passenger miles declined 4.2 p.c. to 2,857,872,000. Employees numbered 184,469 as against 199,937 one year earlier and payroll amounted to \$630,964,767 and \$691,519,990 respectively. The average freight haul during 1954 was 14 miles shorter at 370 miles and the average passenger journey was down from 105 to 101 miles

CANADIAN NATIONAL RAILWAYS:

Canadian Lines: Operating revenues decline 3.2 p.c. to \$565,551,866 from \$586,015,772 and operating expenses dropped 5.2 p.c. to \$562,688,494 from \$593,864,147. The result was a \$19 million drop from \$22,151,625 to \$2,863,372 in net operating revenue and a decline of \$15 million from \$16,353,816 to \$1,586,046 in operating income.

The system including United States Lines: Revenues at \$640,637,280 were down 8.0 p.c. from \$696,622,451 and expenses dropped 4.9 p.c. to \$626,465,374 from \$659,049,086 leaving a net of \$14,171,906 compared with \$37,573,365 in 1954. Operating income amounted to \$639,487 versus \$20,156,985.

CANADIAN PACIFIC RAILWAY COMPANY:

Operating revenues at \$422,642,423 was down 10.2 p.c. from \$470,571,371 and operating expenses declined 10.6 p.c. to \$376,219,898 from \$420,764,959. Net operating revenue amounted to \$46,422,525 against \$49,806,412 one year earlier and operating income amounted to \$27,032,926 versus \$28,884,572. Revenue freight carried declined 8.5 p.c. to 54,205,877 tons and freight ton miles dropped 13.8 p.c. to 23,668,342,000. Passengers carried numbered 9,528,589, an increase of 1.1 p.c. but passenger miles fell 2.9 p.c. to 1,282,242,000.

Prepared in the Transportation and Public Utilities Section,

8504-505-124

Public Finance and Transportation Division.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

For the twelve months ended December 31, 1954

Subject to Revision

	TOTAL		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	17 RAILWAYS	16 RAILWAYS	1954	1953	1954	1953
	1954	1953	1954	1953	1954	1953
<u>OPERATING REVENUES</u>						
Freight	\$ 865,570,274	\$ 962,118,087	\$ 436,652,190	\$ 482,347,326	\$ 345,822,589	\$ 389,443,857
Passenger	81,938,463	85,814,835	40,336,355	42,449,465	36,117,957	37,210,362
Mail	14,936,704	15,292,111	7,013,200	7,112,698	6,961,048	7,022,758
Express	47,719,453	51,589,528	X 36,430,464	X 38,388,568	8,781,218	10,497,934
Other passenger train	11,861,466	12,286,454	5,183,373	5,340,291	6,481,504	6,709,459
Water line	4,059,592	4,877,659	-	-	1,808,390	1,993,879
All other	60,976,380	62,732,483	39,936,284	40,377,424	16,669,717	17,693,122
Total Railway Operating Revenues	1,087,062,332	1,194,711,157	X 565,551,866	X 616,015,772	422,642,423	470,571,371
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	\$ 204,841,338	\$ 224,178,019	\$ 116,954,582	\$ 115,445,493	\$ 70,347,495	\$ 90,480,505
Maintenance of equipment	225,765,970	252,194,032	122,335,050	135,071,019	89,588,238	101,730,818
Traffic	22,751,492	22,754,581	11,096,034	10,829,322	10,002,030	10,281,134
Transportation	473,530,776	512,647,737	267,676,557	292,365,505	172,264,186	184,860,605
Miscellaneous operations	16,264,550	16,525,156	6,041,024	6,212,702	8,228,166	8,359,774
General	70,760,173	63,218,732	38,585,247	33,940,106	25,789,783	25,052,123
Total Railway Operating Expenses	1,013,914,299	1,091,518,257	562,688,494	593,864,147	376,219,898	420,764,959
<u>OPERATING INCOME</u>						
Net operating revenue	\$ 73,148,033	\$ 103,192,900	\$ 2,863,372	\$ 22,151,625	\$ 46,422,525	\$ 49,806,412
Railway tax accruals	34,605,499	36,039,658	8,690,363	8,715,470	20,667,502	19,425,339
Hire of equipment	Dr. 2,033,561	Dr. 8,944,312	Cr. 7,469,959	Cr. 2,876,600	Cr. 2,710,249	Dr. 241,148
Joint facilities rents	Dr. 2,358,499	Dr. 2,076,628	Dr. 56,922	Cr. 41,061	Dr. 1,432,346	Dr. 1,255,353
Operating income	34,150,474	✓ 56,132,302	1,586,046	16,353,816	27,032,926	28,884,572
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,576.14	43,312.56	22,646.62	22,514.15	17,002.5	17,017.9
∅ No. of tons carried (Rev.Fr.)	156,739,694	169,239,163	67,520,846	73,235,732	54,205,877	59,256,634
No. of tons carried one mile " " Thous.	58,053,053	✓ 65,006,675	29,097,782	32,703,359	23,668,342	27,455,728
No. of tons carried one mile (All Fr.) "	61,904,582	✓ 70,071,809	31,129,129	35,330,549	25,361,394	29,764,764
Gross ton miles, excl. of locomotive & tender "	135,224,714	✓ 150,683,046	68,349,916	76,135,963	54,361,971	62,650,908
No. of revenue passengers carried	28,188,777	28,508,939	16,345,464	16,578,878	9,528,589	9,426,934
No. of revenue passengers carried one mile "	2,857,872	2,982,895	1,358,703	1,424,977	1,282,242	1,321,004

Freight train miles	74,676,977	84,182,508	37,270,550	42,159,279	31,297,097	36,069,614
Passenger train miles	45,604,549	46,795,478	22,543,076	23,122,233	20,277,178	20,640,801
Total train miles (rev. and non rev.)	123,120,265	133,909,427	61,723,588	67,141,669	52,202,153	57,569,256
Freight car miles - loaded	2,024,617,061	2,254,446,610	1,050,874,733	1,167,221,172	794,626,580	905,816,257
Freight car miles - empty	999,774,501	1,102,717,750	494,908,068	542,322,985	405,322,868	464,408,284
Passenger train car miles	415,761,316	429,661,501	208,178,169	215,847,071	178,897,681	183,444,484
Total amount of pay-roll	1/ \$ 630,964,767	1/ \$ 691,519,990	\$ 363,573,103	\$ 399,790,054	1/ \$ 230,861,515	\$ 254,787,922
Number of employees	184,469	199,937	108,313	115,435	66,577	74,441
Pay-roll chargeable to Railway Operating Expenses	1/ \$ 584,343,612	1/ \$ 632,103,671	\$ 330,258,152	\$ 357,536,033	1/ \$ 218,956,258	\$ 239,058,940
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$ 68.35	\$ 75.57	\$ 68.42	\$ 74.96	\$ 68.10	\$ 75.76
Operating expenses	\$ 63.75	\$ 69.04	\$ 68.07	\$ 72.27	\$ 60.62	\$ 67.74
No. of tons moved one mile (Rev.Fr.)	3,650	4,112	3,520	3,980	3,814	4,420
No. of tons moved one mile (All Fr.)	3,892	4,432	3,766	4,299	4,087	4,792
No. of revenue passengers carried one mile	180	189	164	173	207	213
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$ 11.59	\$ 11.43	\$ 11.72	\$ 11.44	\$ 11.05	\$ 10.80
No. of tons of freight (Rev.Fr.)	777	772	781	776	756	761
No. of tons of freight (All Fr.)	829	832	835	838	810	825
Gross ton miles	1,811	1,790	1,834	1,806	1,737	1,737
Loaded freight cars	27.1	26.8	28.2	27.7	25.4	25.1
Empty freight cars	13.4	13.1	13.3	12.9	13.0	12.9
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$ 3.43	\$ 3.53	\$ X 3.95	\$ X 4.03	\$ 2.88	\$ 2.98
Passengers carried	63	64	60	62	63	64
Passenger cars	9.1	9.2	9.2	9.3	8.8	8.9
Average operating expenses per train mile	\$ 8.24	\$ 8.15	\$ 9.12	\$ 8.84	\$ 7.21	\$ 7.31
Average length of haul (Rev.Fr.) Miles	370	384	431	447	437	463
Average passenger journey Miles	101	105	85	86	135	140
Average tons per loaded freight car mile	30.6	31.1	29.6	30.3	31.9	32.9
Average freight receipt per revenue ton mile	1.491¢	1.480¢	1.501¢	1.475¢	1.461¢	1.418¢
Average passenger receipt per passenger per mile	2.867¢	2.877¢	2.969¢	2.979¢	2.817¢	2.817¢
Ratio of operating pay roll to operating revenues	53.8%	52.9%	58.4%	58.0%	51.8%	50.8%
Ratio of operating expenses to revenues	93.27%	91.38%	99.49%	96.40%	89.02%	89.42%

1/ Includes \$82,836 retroactive pay not shown in 1954 monthly reports
(\$1,428 earned in 1953)

1/ Revised

¢ Includes duplications

X Includes gross express revenue



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CANADIAN NATIONAL RAILWAYS

(Lines in Canada and United States)

For the Twelve Months ended December 31, 1954

	1954	1953
<u>OPERATING REVENUES</u>		
Canadian Lines	\$565,551,866	\$616,015,772
United States Lines	75,085,414	80,606,679
Total	640,637,280	696,622,451
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$662,688,494	\$593,864,147
United States Lines	63,776,880	65,184,939
Total	626,465,374	659,049,086
<u>NET OPERATING REVENUE</u>		
Canadian Lines	\$ 2,863,372	\$ 22,151,625
United States Lines	11,308,534	15,421,740
Total	14,171,906	37,573,365
<u>OPERATING INCOME</u>		
Canadian Lines	\$ 1,586,046	\$ 16,353,816
United States Lines	Dr. 946,559	3,803,169
Total	639,487	20,156,985