

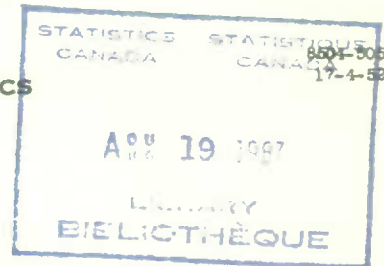
## D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada



OPERATING REVENUES, EXPENSES & STATISTICS  
RAILWAYS IN CANADA  
WITH ANNUAL OPERATING REVENUES OF  
\$500,000 OR OVER

January, 1952



Earnings from operations by Canadian railways during January advanced to a new peak for the month of \$88,031,578 to register a gain of \$6,463,186 or 7.9 p.c. over the \$81,568,392 reported for the similar period of last year. Comparison with 1950 reveals \$61,011,954, while \$66,983,683 was earned in January of 1949. The corresponding month of 1942 produced \$45,421,897 and the ten year increase was thus nearly 94 p.c. in revenues. Again the rise in operating expenses outstripped the revenue gain, expenses jumping 16 p.c. or \$11,755,135 from \$73,309,942 last year to \$85,065,077, and compare with \$64,029,070 in 1950, and with \$35,110,802 in January of 1942 - a rise of 142 p.c. Railway tax accruals eased \$1,555,875 from the previous January to \$2,528,263, due to the reduced operating revenues. The debit on hire of equipment increased \$293,847 to \$1,003,184 but facilities rentals declined \$15,662 to \$164,014. As a result, operating income which had indicated a credit of \$3,285,299 in January of 1951 became a deficit of \$728,960 for the current month. However, larger losses were shown for January of 1950, 1949 and 1948.

All revenue accounts except mail posted worthwhile gains over the previous January. Freight earnings rose \$4,807,-832 or 7.1 p.c. to a record \$72,133,257. Revenue tonnage improved 4.6 p.c. or nearly 639,000 tons to 14,613,036 tons for the month while ton miles were 9.7 p.c. greater due to longer average haul. Passenger fares produced \$6,967,402, up 15.6 p.c. or \$939,569 over January of 1951. Passengers numbered 14.9 p.c. more at 2,804,000 and covered 14.4 p.c. more mileage on slightly lower average journeys. The mail account shows a decrease on one line due to large back pay credits one year earlier but the principal railways reported improved mail receipts this January. Express revenues gained 13.5 p.c. to \$2,480,521 and other passenger train receipts were 24.8 p.c. better. Water line also was up while miscellaneous accounts showed a 15.9 p.c. increase from \$3,749,023 to \$4,346,-898.

Maintenance charges continued much heavier. Way and structures required 18 p.c. or \$2,117,692 more this January to total \$13,894,346 while equipment maintenance amounted to \$21,674,040, up 17.3 p.c. or \$3,197,146. Traffic expenses rose 4.7 p.c. and transportation \$5,905,725 or 16.1 p.c. to a record for the month of \$42,542,217. Miscellaneous operations needed \$1,316,374, up 16.1 p.c., while general expenses increased 7.5 p.c. or \$279,419 to \$4,019,860.

Loaded freight car miles were up 1.7 p.c. but empty mileage rose 4.9 p.c. with the grain movement heavier. Total payroll for January was \$52,202,008, a 13.1 p.c. or \$6,042,640 advance over the same month of 1951, while employees averaged 199,390 against 177,149 one year earlier, a 12.6 p.c. increase. Average freight receipt was 1.323 cents per revenue ton mile versus 1.355 cents in the preceding January but passenger receipt improved from 2.884 to 2.913 cents. The ratio of operating expenses to revenues for the month was 96.63 p.c. against 89.88 p.c. a year ago.

**CANADIAN NATIONAL RAILWAYS:** Expenses rising faster than earnings produced a deficit in operating income of \$1,855,-826 in January compared with a credit of \$740,674 in the corresponding month of 1951 and a loss of \$3,992,501 in 1950. Operating revenues improved 11.1 p.c. or \$4,476,400 to \$44,862,200 but expenses were \$6,781,887 or 17.4 p.c. greater this January at \$45,704,-784. In addition, taxes squeezed \$761,158, an increase of \$56,385 and hire of equipment rose \$239,553 to \$258,643. Rental credits were \$6,559, up \$4,925. All revenue accounts showed improvement with freight traffic 9.1 p.c. or \$2,980,000 better at \$35,758,000, reflecting gains of 6.4 p.c. in tonnage and 9.8 p.c. in ton miles. Passenger fares produced an encouraging increase of 19.3 p.c. in revenues to total \$3,460,200. Numbers were up 23.9 p.c. and mileage 17 p.c. over the previous January. Mail pay was 10.7 p.c. better and express up 24.3 p.c. or \$422,274 to \$2,161,700. Other passenger train earnings and the all other account also moved to higher ground. Maintenance charges were nearly \$3 million heavier in the current January at \$18,820,000 with way and structures up 23.1 p.c. and equipment 16 p.c. Transportation rose \$3,524,983 or 17.6 p.c. to \$23,578,118. Payroll took \$29,643,571 for 115,638 employees compared with \$26,638,254 to 101,112 workers one year earlier, increases of 11.3 p.c. and 14.4 p.c. respectively. Operating income for the System was a debit of \$1,696,587 against a credit of \$1,422,496 in January of 1951. United States lines earned \$159,-239 versus \$681,822 one year earlier.

**CANADIAN PACIFIC RAILWAY COMPANY:** Despite worthwhile betterment in freight and passenger volume, the financial outcome for January showed operating income at only \$119,337 against \$1,406,466 for the previous January, and debits in the same month of 1950 and 1949. Operating revenues improved \$1,853,456 or 5.7 p.c. to \$34,601,193 but expenses climbed 15 p.c. or \$4,345,186 to \$33,225,052. Taxes dropped from \$2,500,000 to \$1,225,000. Hire of equipment credits were reduced \$85,084 to \$63,974 and rentals were \$14,685 lower at a debit of \$95,778. With tonnage up 6.5 p.c. and ton mileage 11.5 better, freight earnings increased 5 p.c. to \$29,111,190. Heavy grain shipments restrained the revenue gain. Passenger receipts for transportation rose 11.9 p.c. or \$307,879 to \$2,894,380. Numbers were up 2.9 p.c. and passenger miles 12.2 p.c. as average journey was 112 miles versus 103 in the preceding January. Mail pay was 13 p.c. more but express was reduced. All expense accounts registered sizeable increases in the month - to - month comparison. Maintenance of way rose 13.9 p.c. and equipment 19.3 p.c. to \$5,707,396 and \$8,662,754 respectively. Transportation charges for the month were \$15,792,341, a rise of 15.2 p.c. Payroll at \$19,668,590 to 74,183 employees compares with \$16,848,748 going to 65,957 one year earlier. Payroll thus advanced 16.7 p.c. and employment 12.5 p.c. Average loadings on the C.P. increased to 33.4 tons per loaded freight car mile from 30.7 tons in January of 1951 but average receipt per ton mile was clipped to 1.266 cents from 1.344 cents. Average operating expenses per train mile were \$6.79 for January compared with \$6.10 one year earlier and a long way from the \$3.82 shown for January ten years ago.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision

JANUARY, 1952

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1952	1951	1952	1951	1952	1951
<b>OPERATING REVENUES</b>						
Freight	\$ 72,133,257	\$ 67,325,425	\$ 35,758,000	\$ 32,778,000	\$ 29,111,190	\$ 27,727,997
Passenger	6,967,402	6,027,833	3,460,200	2,900,200	2,894,380	2,586,501
Mail	1,100,185	1,482,856	481,600	435,138	501,910	444,100
Express	2,480,521	2,186,145	X 2,161,700	X 1,739,426	161,449	301,769
Other passenger train	942,813	755,521	403,354	312,044	516,595	422,308
Water line	60,502	41,589	-	-	47,365	30,244
All other	4,346,898	3,749,023	2,597,346	2,220,992	1,368,304	1,234,818
Total Railway Operating Revenues	88,031,578	81,568,392	X 44,862,200	X 40,385,800	34,601,193	32,747,737
<b>OPERATING EXPENSES</b>						
Maintenance of way and structures	13,894,346	11,776,654	7,034,502	5,714,605	5,707,396	5,008,875
Maintenance of equipment	21,674,040	18,476,894	11,785,086	10,163,476	8,662,754	7,261,413
Traffic	1,618,240	1,545,950	756,794	690,976	747,940	736,440
Transportation	42,542,217	36,636,492	23,578,118	20,053,135	15,792,341	13,713,953
Miscellaneous operations	1,316,374	1,133,511	492,522	408,659	668,765	600,048
General	4,019,860	3,740,441	2,057,762	1,892,046	1,645,856	1,559,137
Total Railway Operating Expenses	85,065,077	73,309,942	45,704,784	38,922,897	33,225,052	28,879,866
<b>OPERATING INCOME</b>						
Net operating revenue	2,966,501	8,258,450	Dr. 842,584	1,462,903	1,376,141	3,867,871
Railway tax accruals	2,528,263	4,084,138	761,158	704,773	1,225,000	2,500,000
Hire of equipment	Dr. 1,003,184	Dr. 709,337	Dr. 258,643	Dr. 19,090	Cr. 63,974	Cr. 149,058
Joint facilities rents	Dr. 164,014	Dr. 179,676	Cr. 6,559	Cr. 1,634	Dr. 95,778	Dr. 110,463
Operating income	Dr. 728,960	3,285,239	Dr. 1,855,826	740,674	119,337	1,406,466
<b>OPERATING STATISTICS</b>						
Average miles of road operated	43,343.84	43,312.58	22,553.92	22,517.08	17,005.4	17,011.0
∅ No. of tons carried (Rev.Fr.)	14,613,036	13,974,112	6,120,338	5,750,944	5,203,629	4,887,492
No. of tons carried one mile " " Thous.	5,453,083	4,968,693	2,729,364	2,486,222	2,300,228	2,062,614
No. of tons carried one mile (All Fr.) "	5,865,491	5,388,925	2,962,548	2,714,322	2,471,546	2,243,818
Gross ton miles, excl. of locomotive & tender"	12,173,022	11,541,719	6,079,539	5,737,792	5,081,617	4,773,766
No. of revenue passengers carried	2,804,000	2,440,463	1,655,771	1,335,924	905,484	879,772
No. of revenue passengers carried one mile "	239,185	309,031	115,083	98,391	101,467	90,457
Freight train miles	7,435,056	7,255,187	3,725,393	3,668,931	3,162,407	2,995,849
Passenger train miles	3,879,797	3,754,354	1,944,574	1,821,186	1,660,817	1,664,015
Total train miles (rev. and non rev.)	11,565,731	11,254,316	5,640,017	5,650,640	4,894,604	4,731,718
Freight car miles - loaded	184,296,478	181,165,775	93,869,490	91,463,854	73,969,613	73,118,862
Freight car miles - empty	78,940,772	75,236,648	37,182,358	35,350,594	33,924,742	32,073,220
Passenger train car miles	33,899,044	32,243,957	17,427,213	16,167,515	13,897,571	13,451,705
Total amount of pay roll	\$ 52,202,008	\$ 46,159,368	\$ 29,643,571	\$ 26,638,254	\$ 19,668,590	\$ 16,848,748
Number of employees	199,390	177,149	115,638	101,112	74,183	65,957
Pay roll chargeable to rly., operating expenses	\$ 48,792,413	\$ 41,593,732	\$ 27,394,420	\$ 22,990,247	\$ 18,601,945	\$ 16,020,931
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>						
Operating revenue	\$65.52	\$60.75	\$64.16	\$57.86	\$65.64	\$62.10
Operating expenses	\$63.31	\$54.60	\$65.37	\$55.76	\$63.03	\$54.77
No. of tons moved one mile (Rev.Fr.)	4,058	3,701	3,904	3,562	4,363	3,911
No. of tons moved one mile (All Fr.)	4,365	4,014	4,237	3,889	4,688	4,255
No. of revenue passengers carried one mile	178	156	165	141	192	172
<b>AVERAGES PER FREIGHT TRAIN MILE</b>						
Freight revenue	\$9.70	\$9.28	\$9.60	\$8.93	\$9.21	\$9.26
No. of tons of freight (Rev.Fr.)	733	685	733	678	727	688
No. of tons of freight (All Fr.)	789	743	795	740	782	749
Gross ton miles	1,637	1,591	1,632	1,564	1,607	1,593
Loaded freight cars	24.8	25.0	25.2	24.9	23.4	24.4
Empty freight cars	10.6	10.4	10.0	9.6	10.7	10.7
<b>AVERAGES PER PASSENGER TRAIN MILE</b>						
Passenger train revenues	\$2.96	\$2.78	X \$3.35	X \$2.96	\$2.45	\$2.26
Passengers carried	62	56	59	54	61	54
Passenger cars	8.7	8.6	9.0	8.9	8.4	8.1
Average operating expenses per train mile	\$7.35	\$6.51	\$7.83	\$6.89	\$6.79	\$6.10
Average length of haul (Rev.Fr.) Miles	373	356	446	432	442	422
Average passenger journey Miles	85	86	70	74	112	103
Average tons per loaded freight car mile	31.8	29.7	31.6	29.7	33.4	30.7
Average freight receipt per revenue ton mile	1.323¢	1.355¢	1.310¢	1.318¢	1.266¢	1.344¢
Average passenger receipt per passenger per mile	2.913¢	2.884¢	3.007¢	2.948¢	2.853¢	2.859¢
Ratio of operating pay roll to operating revenues	55.4%	51.0%	61.1%	56.9%	53.8%	48.9%
Ratio of operating expenses to revenues	96.63%	89.88%	101.88%	96.38%	96.02%	88.19%

∅ Includes duplications

✚ Revised

X Includes gross express revenue

JANUARY, 1951





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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the Month of January

	1952	1951
<u>OPERATING REVENUES</u>		
Canadian Lines	\$44,862,200	\$40,385,900
United States Lines	6,607,800	6,521,200
Total	\$51,470,000	\$46,907,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$45,704,784	\$38,922,897
United States Lines	5,556,216	5,114,103
Total	\$51,261,000	\$44,037,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	Dr. 842,584	\$ 1,462,903
United States Lines	1,051,584	1,407,097
Total	\$ 209,000	\$ 2,870,000
<u>OPERATING INCOME</u>		
Canadian Lines	Dr. \$ 1,855,826	\$ 740,674
United States Lines	159,239	681,822
Total	Dr. \$ 1,696,587	1,422,496