C003 1003:12

CATALOGUE 52-003 MONTHLY – MENSUEL

Vol. 52, No. 11

Statistics Canada
Statistique Canada

RECEIVED
DOC CENTER
MAR 19 1973
LIBRARY
UNIVERSITY OF GUELPH

Price: 10 cents, $1.00 a year

Prix: 10 cents, $1.00 par année

RAILWAY OPERATING STATISTICS

STATISTIQUE DE L'EXPLOITATION FERROVIAIRE

NOVEMBER – 1972 – NOVEMBRE

This report shows the financial, traffic and operating statistics of 24 Class 1 and 2 common carrier railways operating in Canada. These roads account for over 98 % of the operating revenues of all common carrier railways in Canada.

Highlights are as follows:

Ce bulletin présente les statistiques relatives sur les finances, du trafic et à l'exploitation de 24 entreprises de transport ferroviaire de 1ère et de 2e classe en activité au Canada. Ces entreprises touchent plus de 98 % des recettes d'exploitation de l'ensemble des entreprises de transport ferroviaire au Canada.

Voici un aperçu des points saillants:

Month – Mois		1972	1971	Per cent change – Taux de variation
Railway operating revenues – Recettes de l'exploitation ferroviaire	$	174,821,562	159,965,992	+ 9.3
Railway operating expenses – Dépenses de l'exploitation ferroviaire	$	160,457,650	143,532,488	+ 11.8
Net railway operating income – Revenus nets de l'exploitation ferroviaire ..	$	14,363,912	16,433,504	– 12.6
Tons carried – revenue freight – Tonnes transportées – trafic commercial ...		21,746,908	19,803,305	+ 9.8
Ton-miles – revenue freight – Tonnes-milles – trafic commercial	'000	11,437,551	10,327,119	+ 10.8
Revenue passenger – Voyageurs taxés		1,791,971	1,915,867	– 6.5
Revenue passenger-miles – Voyageurs-milles taxés		109,288,000	136,085,000	– 19.7
Freight train-miles – Trains-milles (service marchandises)		5,808,299	5,656,271	+ 2.7
Freight car-miles – Wagons-milles (service marchandises)		423,494,568	394,084,387	+ 7.5
Per cent of freight car-miles (excl. caboose) run out empty – Poucentage de wagons-milles improductifs (service marchandises, sans les fourgons à queue)	%	40.4	39.6	
Passenger car-miles (incl. express cars) – Wagons-milles (service voyageurs, wagons express compris)		10,732,273	11,257,430	– 4.7
Year-to-date – Chiffres cumulatifs				
Railway operating revenues – Recettes de l'exploitation ferroviaire	$	1,758,227,304	1,644,166,708	+ 6.9
Railway operating expenses – Dépenses de l'exploitation ferroviaire	$	1,679,334,064	1,548,371,784	+ 8.5
Net railway operating income – Revenus nets de l'exploitation ferroviaire ..	$	78,893,240	95,794,924	– 17.6

Transportation and Public Utilities Division
Transportation Section

Division des transports et des services d'utilisé publique
Section des transports

March – 1973 – Mars
8709-505

Published by Authority of the Minister of Industry, Trade and Commerce
Statistics Canada should be credited when republishing all or any part of this document

Publication autorisée par le ministre de l'Industrie et du Commerce
Reproduction autorisée sous réserve d'indication de la source: Statistique Canada

TABLE 1. Railway Operating Revenues, Expenses and Net Income

November 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971[r]	1972
		dollars		
	Operating revenues			
1	Freight	155,872,824	141,761,210	79,170,533
2	Passenger	4,282,549	4,149,774	2,983,852
3	Sleeping and parlour car	631,453	698,362	549,592
4	Mail	1,001,529	1,006,122	794,287
5	Express	3,061,458	3,362,372	2,623,144
6	Switching	1,043,257	971,035	457,592
7	Payments relating to the National Transportation Act	4,194,814	4,460,928	1,914,172
8	Incidental	4,668,969	3,310,626	2,492,788
9	All other	64,709	245,563	18,273
10	Total	174,821,562	159,965,992	91,004,233
	Operating expenses			
11	Road maintenance	27,657,905	25,114,439	14,519,719
12	Equipment maintenance	33,689,421	32,277,165	16,545,492
13	Traffic	4,307,682	4,279,293	2,425,828
14	Transportation (railway line)	62,259,272	56,816,195	33,175,150
15	Miscellaneous railway operations	1,389,658	1,344,012	1,094,475
16	General	17,884,831	11,804,220	11,694,879
17	Equipment rents	3,811,179	2,992,814	2,464,169
18	Joint facility rents	241,364	513,129	Cr. 227,051
19	Railway tax accruals	9,216,338	8,391,221	2,371,576
20	Total	160,457,650	143,532,488	84,064,237
21	Net operating income	14,363,912	16,433,504	6,939,996

[r] Revised figures.

TABLE 2. Rail Operating Revenues, Expenses and Net Income

November 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971	1972
		dollars		
	Operating revenues			
1	Railway	174,821,562	159,965,992	91,004,233
2	Express	10,569,272	8,313,911	6,260,354
3	Commercial communications	10,978,172	10,416,355	6,478,671
4	Highway transport (rail)	1,288,084	1,095,939	1,189,109
5	Total	197,657,090	179,792,197	104,932,367
	Operating expenses			
6	Railway	160,457,650	143,532,488	84,064,237
7	Express	10,435,044	8,188,821	6,148,214
8	Commercial communications	8,331,737	8,000,653	4,815,296
9	Highway transport (rail)	1,314,171	989,749	1,218,128
10	Total	180,538,602	160,711,711	96,245,875
	Net operating income			
11	Railway	14,363,912	16,433,504	6,939,996
12	Express	134,228	125,090	112,140
13	Commercial communications	2,646,435	2,415,702	1,663,375
14	Highway transport (rail)	Dr. 26,087	106,190	Dr. 29,019
15	Total	17,118,488	19,080,486	8,686,492

[r] Revised figures.

TABLEAU 1. Recettes, dépenses et revenus nets de l'exploitation ferroviaire (matériel roulant)

Novembre 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971	1972	1971		N°
	dollars			
			Recettes d'exploitation	
72,696,441	59,338,439	53,360,225	Marchandises	1
3,096,594	835,673	648,560	Voyageurs	2
616,834	81,861	81,528	Voitures-lits et voitures-salons	3
863,992	202,824	136,790	Transports postaux	4
2,448,278	302,198	794,829	Messageries	5
411,960	234,169	248,586	Manoeuvres	6
2,584,132	2,237,000	1,817,879	Versements en vertu de la loi nationale sur les transports	7
2,240,530	1,852,733	830,806	Occasionnelles	8
149,042	33,101	85,301	Toutes autres	9
85,107,803	65,117,998	58,004,504	Total	10
			Dépenses d'exploitation	
13,693,178	8,933,788	8,090,999	Entretien de la voie	11
16,711,662	13,806,470	12,915,688	Entretien du matériel	12
2,594,257	1,632,063	1,473,781	Trafic	13
29,883,329	22,830,670	21,292,330	Transport (chemins de fer)	14
1,027,033	267,891	294,424	Services divers	15
7,061,156	4,770,170	3,463,778	Frais généraux	16
985,160	298,376	816,222	Frais de location de matériel	17
Cr. 29,012	335,869	437,778	Frais de location d'installations exploitées en commun	18
2,412,007	5,838,100	4,825,300	Impôts	19
74,338,770	58,713,397	53,610,300	Total	20
10,769,033	6,404,601	4,394,204	Revenus nets d'exploitation	21

[r] Nombres rectifiés.

TABLEAU 2. Recettes, dépenses et revenus nets de l'exploitation ferroviaire (ensemble des sociétés)

Novembre 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971	1972	1971		N°
	dollars			
			Recettes d'exploitation	
85,107,803	65,117,998	58,004,504	Chemins de fer	1
5,554,833	4,279,491	2,731,989	Messageries	2
6,351,527	3,670,658	3,312,928	Communications commerciales	3
1,022,616	—	—	Transport routier (entre terminus)	4
98,036,779	73,068,147	64,049,421	Total	5
			Dépenses d'exploitation	
74,338,770	58,713,397	53,610,300	Chemins de fer	6
5,440,900	4,255,491	2,720,189	Messageries	7
4,422,416	3,076,872	3,059,543	Communications commerciales	8
942,519	—	—	Transport routier (entre terminus)	9
85,144,605	66,045,760	59,390,032	Total	10
			Revenus nets d'exploitation	
10,769,033	6,404,601	4,394,204	Chemins de fer	11
113,933	24,000	11,800	Messageries	12
1,929,111	593,786	253,385	Communications commerciales	13
80,097	—	—	Transport routier (entre terminus)	14
12,892,174	7,022,387	4,659,389	Total	15

[r] Nombres rectifiés.

TABLE 3. Cumulative Rail Operating Revenues, Expenses and Net Income

January 1 to November 30, 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971[r]	1972
		dollars		
	Operating revenues			
1	Railway	1,758,227,304	1,644,166,708	922,708,061
2	Express	104,274,062	85,609,430	63,354,907
3	Commercial communications	114,166,796	104,688,199	68,896,066
4	Highway transport (rail)	13,413,806	11,402,938	12,285,673
5	Total	1,990,081,968	1,845,867,275	1,067,244,707
	Operating expenses			
6	Railway	1,679,334,064	1,548,371,784	905,727,915
7	Express	102,975,351	84,447,267	62,289,244
8	Commercial communications	92,202,467	87,080,542	53,861,116
9	Highway transport (rail)	13,792,045	11,101,308	12,775,420
10	Total	1,888,303,927	1,731,000,901	1,034,653,695
	Net operating income			
11	Railway	78,893,240	95,794,924	16,980,146
12	Express	1,298,711	1,162,163	1,065,663
13	Commercial communications	21,964,329	17,607,657	15,034,950
14	Highway transport (rail)	Dr. 378,239	301,630	Dr. 489,747
15	Total	101,778,041	114,866,374	32,591,012

[r] Revised figures.

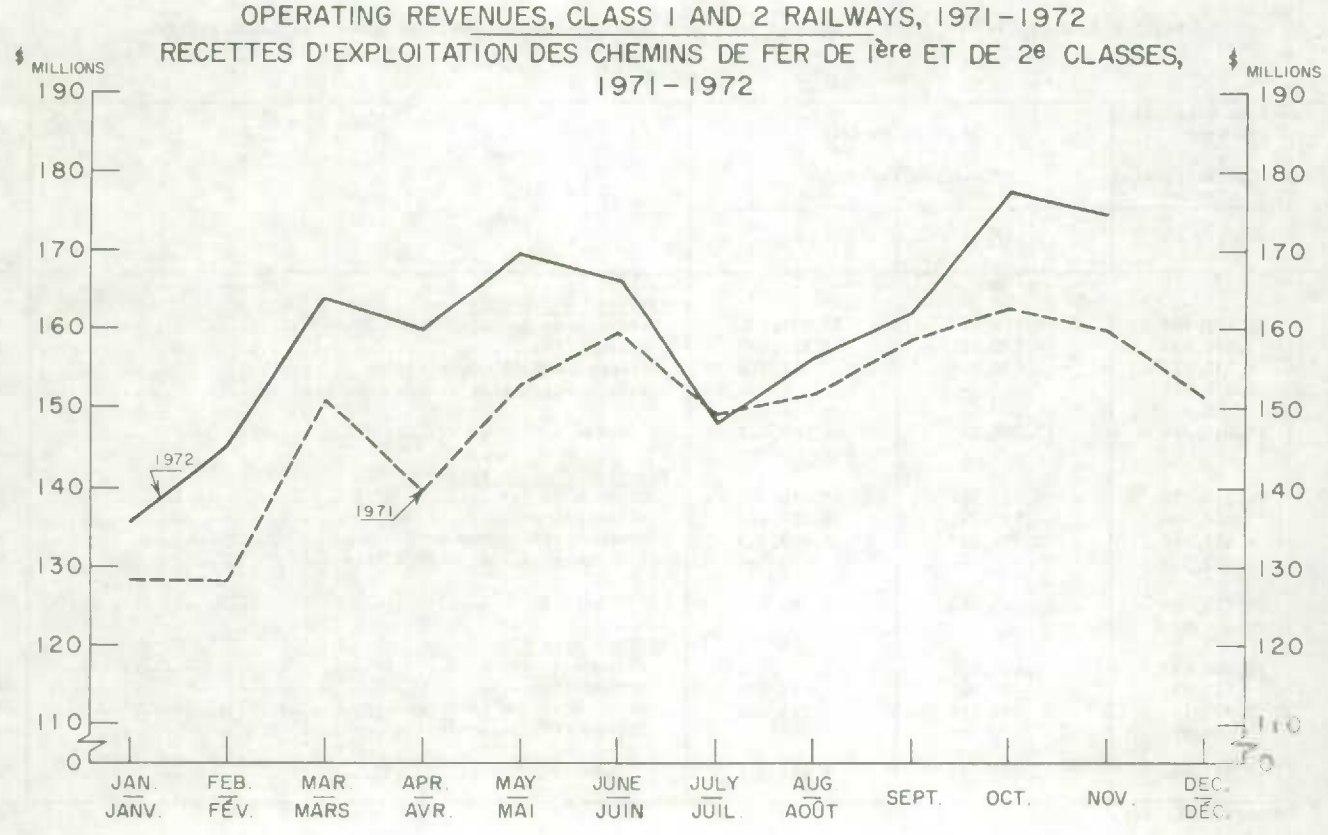

TABLEAU 3. Chiffres cumulatifs des recettes, dépenses et revenus nets de l'exploitation ferroviaire (ensemble des sociétés)

1er janvier au 30 novembre 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			No
1971	1972	1971		
	dollars			
			Recettes d'exploitation	
840,854,348	651,512,839	605,694,080	Chemins de fer	1
58,458,744	40,607,769	26,896,062	Messageries	2
63,228,199	37,183,408	34,023,542	Communications commerciales	3
10,530,982	–	–	Transport routier (entre terminus)	4
973,072,273	729,304,016	666,613,684	Total	5
			Dépenses d'exploitation	
812,685,238	598,037,452	562,676,564	Chemins de fer	6
57,371,437	40,343,869	26,766,262	Messageries	7
50,235,215	32,989,815	31,774,111	Communications commerciales	8
10,319,142	–	–	Transport routier (entre terminus)	9
930,611,032	671,371,136	621,216,937	Total	10
			Revenus nets d'exploitation	
28,169,110	53,475,387	43,017,516	Chemins de fer	11
1,087,307	263,900	129,800	Messageries	12
12,992,984	4,193,593	2,249,431	Communications commerciales	13
211,840	–	–	Transport routier (entre terminus)	14
42,461,241	57,932,880	45,396,747	Total	15

r Nombres rectifiés.

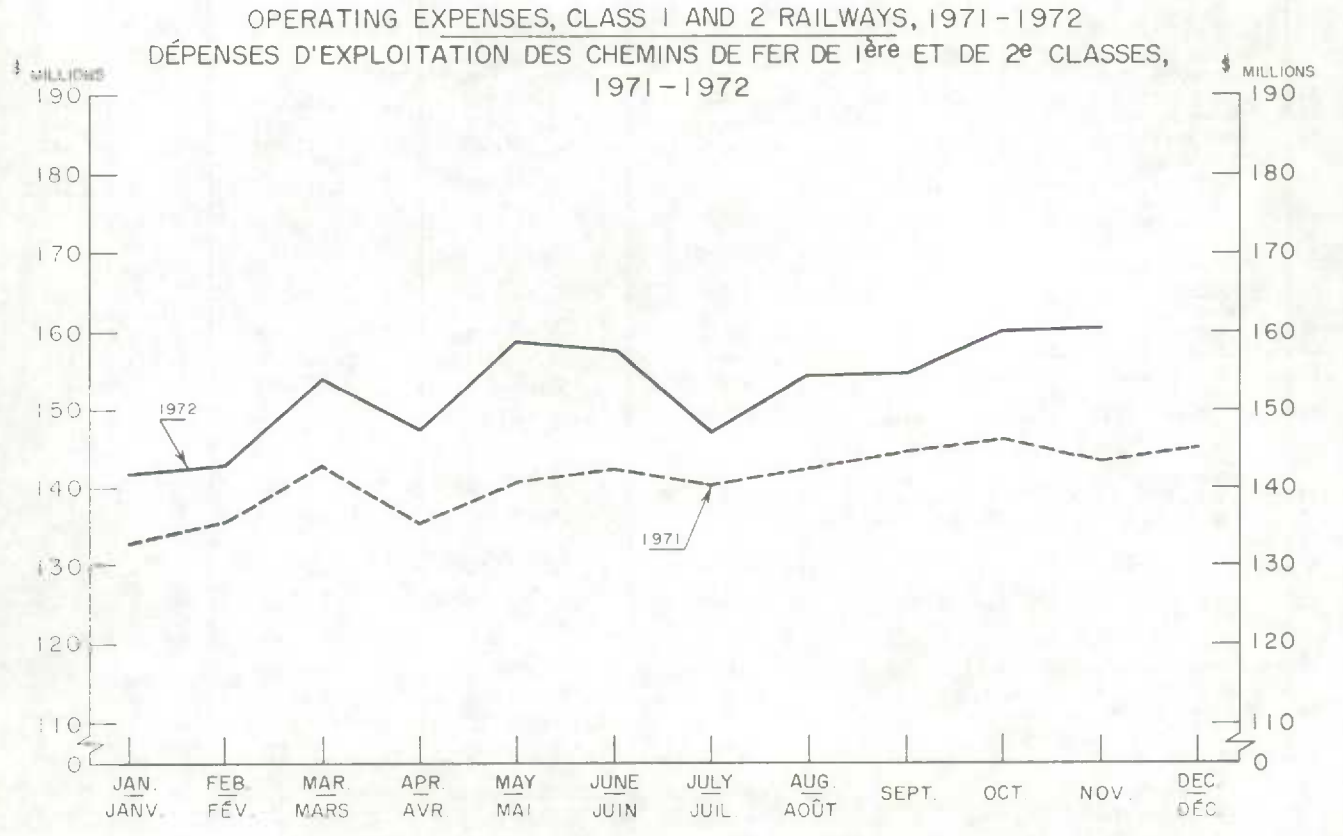

TABLE 4. Railway Traffic, Operating and Employment Statistics

November 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971[r]	1972
1	Miles of road operated (average during month)	44,831.4	44,806.3	23,510.9
	Freight			
2	Tons carried — Revenue freight (by individual roads)(1)	24,846,404	22,967,716	9,476,549
3	Tons carried — Revenue freight (by 24-road system)(2)	21,746,908	19,803,305	...
4	Ton-miles — Revenue freight '000	11,437,551	10,327,119	5,559,952
5	Ton-miles — Revenue and non-revenue freight "	11,685,696	10,568,794	5,729,542
	Passengers			
6	Revenue passengers	1,791,971	1,915,867	386,023
7	Revenue passenger-miles '000	109,288	136,085	84,531
	Gross ton-miles			
8	Freight train "	22,534,076	20,581,758	11,365,385
9	Passenger train "	738,996	775,733	580,043
10	Total "	23,273,072	21,357,491	11,945,930
	Train-miles			
11	Freight service	5,808,299	5,656,271	2,870,928
12	Passenger service	2,031,680	1,819,912	1,529,800
13	Work service	199,110	177,443	137,612
14	Total	8,039,089	7,653,626	4,538,340
	Car-miles			
	Freight:			
15	Loaded	248,267,736	234,072,587	128,470,056
16	Empty	168,550,437	153,703,059	85,530,412
17	Cabooses	6,676,395	6,308,741	3,648,224
18	Total	423,494,568	394,084,387	217,648,702
	Passenger:			
19	Passenger service (incl. baggage)	10,732,273	11,257,430	7,102,335
20	Mail and Express service			1,065,584
21	Total	10,732,273	11,257,430	8,167,919
22	Total transportation service	434,226,841	405,341,817	225,815,621
23	Number of employees — Railway	112,706	113,510	57,302
24	Payroll — Railway $	89,706,587	81,783,035	52,920,304
25	Payroll chargeable to railway operating expenses $	80,280,279	72,226,896	45,632,852

(1) Traffic interlined between two roads is reported by each road and thereby counted twice. (2) Duplication with respect to interlined traffic is eliminated. .. Figures not appropriate or not applicable. [r] Revised figures.

TABLEAU 4. Trafic, exploitation et effectifs ferroviaires

Novembre 1972

Canadian National Railways – Canadien National	Canadian Pacific – Canadien Pacifique			
1971[r]	1972	1971[r]		N°
23,606.4	16,591.2	16,559.1	Milles de lignes exploitées (moyenne du mois)	1
			Marchandises	
9,000,708	7,689,242	6,907,649	Tonnes transportées – trafic commercial (par chaque société)(1)	2
...	...	...	Tonnes transportées – trafic commercial (sur les voies des 24 sociétés ferroviaires)(2)	3
5,184,961	4,620,566	4,140,994	Tonnes-milles – trafic commercial ..... '000	4
5,343,348	4,690,729	4,218,961	Tonnes-milles – trafic commercial et non commercial "	5
			Voyageurs	
961,908	380,855	452,817	Voyageurs taxés	6
106,997	15,119	19,829	Voyageurs-milles taxés ..... '000	7
			Tonnes-milles brutes	
10,578,527	8,905,506	8,150,287	Train de marchandises ..... "	8
610,730	125,351	134,074	Train de voyageurs ..... "	9
11,189,257	9,030,857	8,284,361	Total ..... "	10
			Trains-milles	
2,894,314	2,379,318	2,228,937	Service marchandises	11
1,309,877	356,404	367,610	Service voyageurs	12
128,126	12,235	12,439	Trafic de service	13
4,332,317	2,747,957	2,608,986	Total	14
			Wagons-milles	
			Marchandises:	
121,934,774	99,813,814	94,716,043	Wagons chargés	15
80,170,606	65,563,117	59,107,268	Wagons vides	16
3,461,985	2,470,951	2,321,860	Fourgons de queue	17
205,567,365	167,847,882	156,145,171	Total	18
			Voyageurs:	
7,336,270	1,869,027	1,952,549	Service voyageurs (bagages compris)	19
1,306,988			Service messageries et courrier	20
8,643,258	1,869,027	1,952,549	Total	21
214,210,623	169,716,909	158,097,720	Total, service de transport	22
65,897	35,878	38,562	Effectifs – matériel roulant	23
47,607,465	28,583,830	27,019,694	Rémunération – matériel roulant ..... $	24
41,086,880	26,688,478	24,346,954	Rémunération relevant des frais d'exploitation ferroviaire ..... $	25

(1) Le trafic empruntant les voies de deux sociétés est déclaré par chaque réseau; il est donc compté deux fois. (2) Le double compte provenant du trafic qui emprunte les voies de plusieurs réseaux a été éliminé. [r] Nombres rectifiés. ... N'ayant pas lieu de figurer.

TABLE 5. Miscellaneous Railway Averages

November 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971r	1972
	Per day per mile of road operated			
1	Operating revenues ..... $	129.98	119.01	128.48
2	Operating expenses ..... $	119.30	106.78	118.68
3	Ton-miles — Revenue freight	8,504	7,683	7,849
4	Ton-miles — All freight	8,689	7,863	8,089
5	Passenger-miles — Revenue	81	101	119
	Per freight-train mile			
6	Freight revenue (1), (3) ..... $	26.84	25.06	27.58
7	Tons carried — Revenue freight(1)	1,969	1,826	1,937
8	Tons carried — All freight(1)	2,012	1,869	1,996
9	Freight cars — Loaded(1)	42.7	41.4	44.7
10	Freight cars — Empty(1)	29.0	27.2	29.8
	Other			
11	Passengers carried per passenger train-mile(2)	54	75	55
12	Passengers carried per passenger service car-mile	..	..	119
13	Average length of haul — Revenue freight (on each road) ..	460	450	587
14	Average length of haul — Revenue freight (on all 24 roads)	526	521	...
15	Average journey — Revenue passengers	61	71	95
16	Average carload — Freight (ton-miles per loaded car-mile)	47.1	45.2	44.6
17	Freight revenue per ton-mile(3) ..... ¢	1.363	1.373	1.424
18	Passenger revenue per passenger-mile ..... ¢	3.919	3.049	3.530
19	Ratio of operating payroll to operating revenues ..... %	45.92	45.15	50.14
20	Ratio of operating expenses to operating revenues ..... %	91.78	89.73	92.37
21	Ratio of transportation expenses to operating revenues ... %	35.61	35.52	36.45

(1) Includes small amount of freight traffic moved in passenger trains.
(2) Includes small number of passengers carried in freight (mixed) trains.
(3) Excludes payments relating to National Transportation Act, commencing with January 1972 issue.
r Revised figures.
.. Figures not available.
... Figures not appropriate or not applicable.

TABLEAU 5. Moyennes ferroviaires diverses

Novembre 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971[r]	1972	1971[r]		N°
			Par jour par mille de voies exploitées	
120.18	130.83	116.76	Recettes d'exploitation ..... $	1
104.97	117.96	107.92	Dépenses d'exploitation ..... $	2
7,321	9,283	8,336	Tonnes-milles — trafic commercial	3
7,545	9,424	8,493	Tonnes-milles — tous trafics	4
151	30	40	Voyageurs-milles taxés	5
			Par train-mille (marchandises)	
25.12	24.94	23.94	Recettes (1), (3) ..... $	6
1,791	1,942	1,858	Tonnes transportées — trafic commercial(1)	7
1,846	1,971	1,893	Tonnes transportées — tous trafics(1)	8
42.1	42.0	42.5	Wagons marchandises — chargés(1)	9
27.7	27.6	26.5	Wagons marchandises — vides(1)	10
			Autres	
82	42	54	Voyageurs transportés par train-mille du service voyageurs(2).	11
146	..	..	Voyageurs transportés par wagon-mille du service voyageurs	12
576	601	599	Parcours moyen — trafic commercial (sur chaque réseau) ...	13
...	...	...	Parcours moyen — trafic commercial (sur les 24 réseaux) ..	14
111	40	44	Parcours moyen — voyageurs taxés	15
43.8	47.0	44.5	Chargement moyen — marchandises (tonnes-milles par wagon-mille).	16
1.402	1.284	1.288	Recettes du trafic — marchandises par tonne-mille(3) ... c	17
2.894	5.527	3.271	Recettes du trafic — voyageurs par voyageur-mille c	18
48.28	40.98	41.97	Rapport de la rémunération du personnel d'exploitation sur les recettes d'exploitation. %	19
87.35	90.16	92.42	Rapport des dépenses d'exploitation sur les recettes d'exploitation. %	20
35.11	35.06	36.71	Rapport des dépenses de transport sur les recettes d'exploitation. %	21

(1) Comprend un faible volume de marchandises transportées à bord des trains de voyageurs.
(2) Comprend un petit nombre de voyageurs transportés à bord des trains de marchandises (trains mixtes).
(3) Les paiements effectués en vertu de la loi nationale sur les transports sont exclus pour la première fois dans le numéro de janvier 1972.

r Nombres rectifiés.
.. Nombres indisponibles.
... N'ayant pas lieu de figurer.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010640647