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RAILWAY OPERATING STATISTICS

YEAR 1972

Presented in this report are 1972 and 1971 financial and traffic statistics of 24 class 1 and class 2 common carrier railways operating in Canada. These lines account for over 98 % of the operating revenues of all common carrier railways in Canadian service. Except for certain retroactive revisions and adjustments, the figures shown represent an accumulation of the 12 monthly releases.

This is the last report to be published under Catalogue number 52-206 in which data for the twelve months are aggregated and shown separately. The monthly series is being modified somewhat for 1973 and will comprise the current as well as the cumulative operating statistics of six major railways. The December issue of that report will therefore provide the year-end information contained herein.

STATISTIQUE DE L'EXPLOITATION FERROVIAIRE

ANNÉE 1972

La présente publication donne les statistiques relatives aux finances et au trafic de 24 entreprises de transport ferroviaire de 1<sup>re</sup> et de 2<sup>e</sup> classe en activité au Canada pour 1972 et 1971. Ces chemins de fer interviennent pour plus de 98 % des recettes d'exploitation de l'ensemble des entreprises de transport ferroviaire au Canada. Sauf pour certaines rectifications et certains redressements rétroactifs, les chiffres publiés ici représentent le total cumulé des 12 résultats mensuels.

Il s'agit de la dernière livraison à paraître sous le n° de catalogue 52-206 où les données des 12 mois sont agrégées et indiquées séparément. La série mensuelle est quelque peu modifiée pour 1973; elle comprendra les statistiques d'exploitation courantes et cumulées de six grandes entreprises. Le numéro de décembre de cette publication donnera donc les renseignements de fin d'année contenus ici.

Year - Année	1972	1971	Per cent change - Taux de variation
Railway operating revenues - Recettes de l'exploitation ferroviaire .....	\$ 1,930,387,060	1,796,658,643	+ 7.4
Railway operating expenses - Dépenses de l'exploitation ferroviaire .....	\$ 1,835,404,020	1,692,873,987	+ 8.4
Net railway operating income - Revenus nets de l'exploitation ferroviaire	\$ 94,983,040	103,784,656	- 8.5
Tons carried - revenue freight - Tonnes transportées - trafic commercial ..	238,424,586	226,924,343	+ 5.1
Ton-miles - revenue freight - Tonnes-milles - trafic commercial .....	'000 122,399,079	116,645,377	+ 4.9
Revenue passengers - Voyageurs taxés .....	22,992,216	24,090,930	- 4.6
Revenue passenger-miles - Voyageurs-milles taxés .....	2,041,741,000	2,182,968,000	- 6.5
Freight train-miles - Trains-milles (service marchandises) .....	66,526,982	64,185,371	+ 3.6
Freight car-miles - Wagons-milles (service marchandises) .....	4,584,668,842	4,370,699,615	+ 4.9
Per cent of freight car-miles (excl. caboose) run out empty - Pourcentage de wagons-milles improductifs (service marchandises, sans les fourgons à queue) .....	% 40.0	40.1	
Passenger car-miles (incl. express cars) - Wagon-milles (service voyageurs, wagons express compris) .....	150,987,586	164,978,484	- 8.5

Transportation and Communications Division  
Transportation Section

Division des transports et des communications  
Section des transports

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TABLE 1. Railway Operating Revenues, Expenses and Net Income

Year 1972

No.		24 railways		Canadian National Railways
		Total		-
		24 sociétés ferroviaires		Canadien National
		1972	1971 <sup>r</sup>	1972
		dollars		
	<u>Operating revenues</u>			
1	Freight .....	1,679,160,520	1,571,648,051	855,053,162
2	Passenger .....	69,804,008	64,430,026	49,704,406
3	Sleeping and parlour car .....	9,818,520	10,013,711	7,677,630
4	Mail .....	10,482,036	10,772,120	9,093,712
5	Express .....	23,552,182	23,910,880	19,073,072
6	Switching .....	13,150,287	11,205,693	5,478,330
7	Payments relating to the National Transportation Act .....	71,634,011	53,543,721	40,742,079
8	Incidental .....	51,853,821	46,743,164	30,248,231
9	All other .....	931,675	4,391,277	439,709
10	Total .....	1,930,387,060	1,796,658,643	1,017,510,331
	<u>Operating expenses</u>			
11	Road maintenance .....	325,127,307	299,691,371	175,234,171
12	Equipment maintenance .....	394,557,410	381,381,912	209,840,354
13	Traffic .....	46,501,467	45,054,805	27,012,924
14	Transportation (railway line) .....	715,198,758	659,286,800	388,386,690
15	Miscellaneous railway operations .....	20,003,092	19,994,503	15,668,152
16	General .....	178,839,044	162,564,103	105,695,959
17	Equipment rents .....	49,170,609	19,755,951	30,012,194
18	Joint facility rents .....	3,376,187	4,580,947	Cr. 2,453,652
19	Railway tax accruals .....	102,630,146	100,563,595	39,416,320
20	Total .....	1,835,404,020	1,692,873,987	988,813,112
21	Net operating income .....	94,983,040	103,784,656	28,697,219

<sup>r</sup> Revised figures.

TABLE 2. Rail Operating Revenues, Expenses and Net Income

Year 1972

No.		24 railways		Canadian National Railways
		Total		-
		24 sociétés ferroviaires		Canadien National
		1972	1971 <sup>r</sup>	1972
		dollars		
	<u>Operating revenues</u>			
1	Railway .....	1,930,387,060	1,796,658,643	1,017,510,331
2	Express .....	115,833,532	94,853,484	71,075,202
3	Commercial communications .....	124,966,710	115,071,943	75,241,832
4	Highway transport (rail) .....	14,510,984	12,468,137	13,249,893
5	Total .....	2,185,698,286	2,019,052,207	1,177,077,258
	<u>Operating expenses</u>			
6	Railway .....	1,835,404,020	1,692,873,987	988,813,112
7	Express .....	114,375,773	93,336,174	69,904,089
8	Commercial communications .....	100,333,109	94,825,009	58,407,247
9	Highway transport (rail) .....	13,320,742	12,227,470	12,190,204
10	Total .....	2,063,433,644	1,893,262,640	1,129,314,652
	<u>Net operating income</u>			
11	Railway .....	94,983,040	103,784,656	28,697,219
12	Express .....	1,457,759	1,517,310	1,171,113
13	Commercial communications .....	24,633,601	20,246,934	16,834,585
14	Highway transport (rail) .....	1,190,242	240,667	1,059,689
15	Total .....	122,264,642	125,789,567	47,762,606

<sup>r</sup> Revised figures.

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

Année 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971	1972	1971		N <sup>o</sup>
dollars				
777,421,676	638,505,514	595,399,367	<u>Recettes d'exploitation</u>	
45,974,811	13,166,558	12,352,950	Marchandises .....	1
7,789,985	2,140,890	2,216,502	Voyageurs .....	2
8,795,093	1,344,127	1,857,090	Voitures-lits et voitures-salons .....	3
16,837,944	3,115,883	5,753,716	Transports postaux .....	4
4,667,455	3,910,932	3,052,968	Messageries .....	5
31,009,596	30,366,695	21,814,556	Manoeuvres .....	6
27,832,910	18,286,884	15,922,833	Versements en vertu de la loi nationale sur les transports .....	7
2,682,602	330,249	1,541,844	Occasionnelles .....	8
			Toutes autres .....	9
923,012,072	711,167,732	659,911,826	Total .....	10
			<u>Dépenses d'exploitation</u>	
161,084,194	103,284,501	95,757,410	Entretien de la voie .....	11
204,451,393	147,020,250	140,529,741	Entretien du matériel .....	12
26,349,296	17,025,692	16,443,712	Trafic .....	13
351,405,688	260,333,497	246,441,278	Transport (chemins de fer) .....	14
15,035,836	3,896,475	4,565,825	Services divers .....	15
89,066,400	56,064,221	57,374,423	Frais généraux .....	16
6,392,870	6,301,448	1,606,505	Frais de location de matériel .....	17
Cr. 1,236,149	4,359,726	4,058,142	Frais de location d'installations exploitées en commun ...	18
36,258,087	54,898,087	47,144,314	Impôts .....	19
888,807,615	653,183,897	613,921,350	Total .....	20
34,204,457	57,983,835	45,990,476	Revenus nets d'exploitation .....	21

† Nombres rectifiés.

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

Année 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971	1972	1971		N <sup>o</sup>
dollars				
923,012,072	711,167,732	659,911,826	<u>Recettes d'exploitation</u>	
64,493,876	44,426,439	30,084,359	Chemins de fer .....	1
69,605,261	40,812,095	37,323,288	Messageries .....	2
11,500,712	—	—	Communications commerciales .....	3
			Transport routier (entre terminus) .....	4
1,068,611,921	796,406,266	727,319,473	Total .....	5
			<u>Dépenses d'exploitation</u>	
888,807,615	653,183,897	613,921,350	Chemins de fer .....	6
63,306,934	44,096,866	29,687,559	Messageries .....	7
54,692,239	36,128,795	34,603,680	Communications commerciales .....	8
11,352,628	—	—	Transport routier (entre terminus) .....	9
1,018,159,416	733,409,558	678,212,589	Total .....	10
			<u>Revenus nets d'exploitation</u>	
34,204,457	57,983,835	45,990,476	Chemins de fer .....	11
1,186,942	329,573	396,800	Messageries .....	12
14,913,022	4,683,300	2,719,608	Communications commerciales .....	13
148,084	—	—	Transport routier (entre terminus) .....	14
50,452,505	62,996,708	49,106,884	Total .....	15

† Nombres rectifiés.

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

1967-1972

No.		Total class 1 and class 2 railways(1)		
		1967	1968	1969
		dollars		
	<u>Operating revenues</u>			
1	Railway .....	1,514,068,668	1,527,646,715	1,578,978,370
2	Express .....	70,262,594	77,095,203	82,979,271
3	Commercial communications .....	82,750,345	89,626,975	97,686,700
4	Highway transport (rail) .....	5,163,220	8,125,125	9,671,332
5	Total .....	1,672,244,827	1,702,494,018	1,769,315,673
	<u>Operating expenses</u>			
6	Railway .....	1,438,207,122	1,433,022,128	1,496,267,019
7	Express .....	69,399,453	75,886,122	81,397,103
8	Commercial communications .....	71,770,191	77,361,885	81,607,142
9	Highway transport (rail) .....	4,794,339	7,765,457	9,995,218
10	Total .....	1,584,171,105	1,594,035,592	1,669,266,482
	<u>Net operating income</u>			
11	Railway .....	75,861,546	94,624,587	82,711,351
12	Express .....	863,141	1,209,081	1,582,168
13	Commercial communications .....	10,980,154	12,265,090	16,079,558
14	Highway transport (rail) .....	368,881	359,668	Dr. 323,886
15	Total .....	88,073,722	108,458,426	100,049,191

(1) Represents 23 railways in 1967 and 24 in 1968, 1969, 1970, 1971, 1972.  
 r Revised figures.

NET OPERATING INCOME, CLASS 1 AND 2 RAILWAYS, 1957 - 1972  
 REVENU NET D'EXPLOITATION DES CHEMINS DE FER,  
 1<sup>ère</sup> ET 2<sup>e</sup> CLASSES, 1957 - 1972



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

1967-1972

Ensemble des sociétés ferroviaires des classes 1 et 2(1)			No
1970	1971 <sup>r</sup>	1972	
dollars			
1,671,931,377	1,796,658,643	1,930,387,060	<u>Recettes d'exploitation</u>
88,691,923	94,853,484	115,833,532	Chemins de fer .....
108,240,034	115,071,943	124,966,710	Messageries .....
12,494,210	12,468,137	14,510,984	Communications commerciales .....
			Transport routier (entre terminus) .....
1,881,357,544	2,019,052,207	2,185,698,286	Total .....
1,569,773,948	1,692,873,987	1,835,404,020	<u>Dépenses d'exploitation</u>
87,162,404	93,336,174	114,375,773	Chemins de fer .....
88,000,183	94,825,009	100,333,109	Messageries .....
11,718,462	12,227,470	13,320,742	Communications commerciales .....
			Transport routier (entre terminus) .....
1,756,654,997	1,893,262,640	2,063,433,644	Total .....
102,157,429	103,784,656	94,983,040	<u>Revenus nets d'exploitation</u>
1,529,519	1,517,310	1,457,759	Chemins de fer .....
20,239,851	20,246,934	24,633,601	Messageries .....
775,748	240,667	1,190,242	Communications commerciales .....
			Transport routier (entre terminus) .....
124,702,547	125,789,567	122,264,642	Total .....

(1) Représente 23 sociétés ferroviaires en 1967 et 24 en 1968, 1969, 1970, 1971 et 1972.

<sup>r</sup> Nombres rectifiés.

OPERATING REVENUES AND OPERATING EXPENSES, CLASS 1 AND 2 RAILWAYS, 1957-1972  
RECETTES ET DÉPENSES D'EXPLOITATION DES CHEMINS DE FER, 1<sup>ère</sup> ET 2<sup>e</sup> CLASSES, 1957-1972

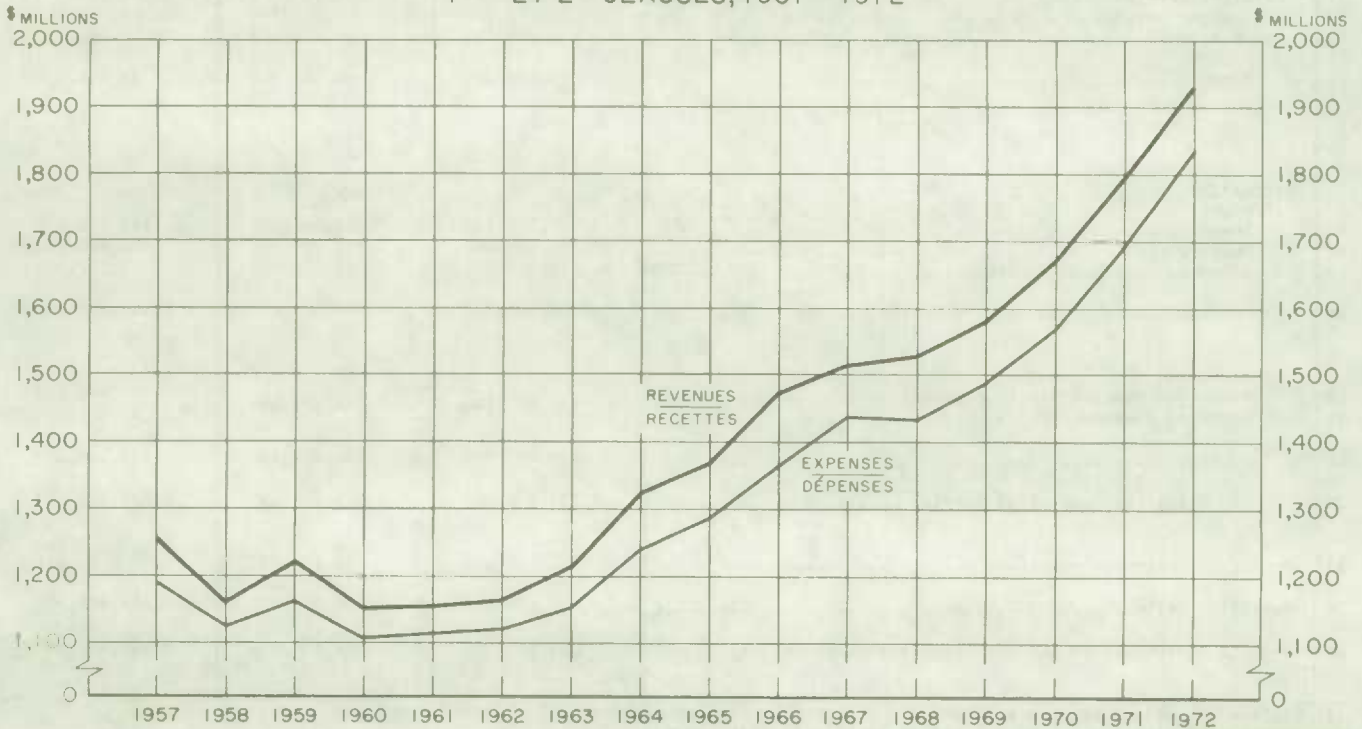


TABLE 4. Railway Traffic, Operating and Employment Statistics  
Year 1972

No.		24 railways Total 24 sociétés ferroviaires		Canadian National Railways — Canadien National
		1972	1971 <sup>F</sup>	1972
		1	Miles of road operated (average during month) .....	44,831.6
	<u>Freight</u>			
2	Tons carried - Revenue freight (by individual roads)(1) ..	265,761,460	263,666,374	105,122,802
3	Tons carried - Revenue freight (by 24-road system)(2) ....	238,424,586	226,924,343	...
4	Ton-miles - Revenue freight ..... '000	122,399,079	116,645,377	61,750,816
5	Ton-miles - Revenue and non-revenue freight ..... "	125,247,794	119,412,166	63,618,892
	<u>Passengers</u>			
6	Revenue passengers .....	22,992,216	24,090,930	11,643,958
7	Revenue passenger-miles ..... '000	2,041,741	2,182,968	1,539,530
	<u>Gross ton-miles</u>			
8	Freight train ..... "	242,902,088	230,659,815	126,255,712
9	Passenger train ..... "	10,456,811	11,426,643	8,169,029
10	Total ..... "	253,358,899	242,086,458	134,424,741
	<u>Train-miles</u>			
11	Freight service .....	66,526,982	64,185,371	33,258,973
12	Passenger service .....	23,955,794	22,572,860	17,727,696
13	Work service .....	3,155,534	3,027,469	2,189,455
14	Total .....	93,638,310	89,785,700	53,176,124
	<u>Car-miles</u>			
	<u>Freight:</u>			
15	Loaded .....	2,707,301,483	2,573,945,421	1,433,344,096
16	Empty .....	1,801,968,444	1,725,855,763	950,940,662
17	Cabooses .....	75,398,915	70,898,431	41,347,327
18	Total .....	4,584,668,842	4,370,699,615	2,425,632,085
	<u>Passenger:</u>			
19	Passenger service (incl. baggage) .....	150,987,586	164,978,484	100,656,243
20	Mail and Express service .....			13,504,135
21	Total .....	150,987,586	164,978,484	114,160,378
22	Total transportation service .....	4,735,656,428	4,535,678,099	2,539,792,463
23	Number of employees - Railway .....	113,451	114,977	67,446
24	Payroll - Railway ..... \$	1,076,704,585	1,007,006,700	643,671,770
25	Payroll chargeable to railway operating expenses ..... \$	955,911,781	888,650,903	547,691,396

(1) Traffic interlined between two roads is reported by each road and thereby counted twice.

(2) Duplication with respect to interlined traffic is eliminated.

R Revised figures.

... Figures not appropriate or not applicable.

TABLEAU 4. Trafic, exploitation et effectifs ferroviaires  
Année 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			NO
	1971 <sup>r</sup>	1972		
23,543.2	16,591.2	16,607.6	Milles de lignes exploitées (moyenne du mois) .....	1
<u>Marchandises</u>				
95,903,581	83,193,164	78,844,486	Tonnes transportées - trafic commercial (par chaque société)(1)	2
...	...	...	Tonnes transportées - trafic commercial (sur les voies des 24 sociétés ferroviaires)(2)	3
57,242,621	49,207,939	45,624,892	Tonnes-milles - trafic commercial .....	'000 4
59,048,396	50,045,803	46,436,348	Tonnes-milles - trafic commercial et non commercial "	5
<u>Voyageurs</u>				
12,896,582	5,074,109	5,209,621	Voyageurs taxés .....	6
1,656,241	338,503	376,424	Voyageurs-milles taxés .....	'000 7
<u>Tonnes-milles brutes</u>				
117,102,298	95,243,107	88,867,016	Train de marchandises .....	" 8
8,898,613	1,815,655	2,045,360	Train de voyageurs .....	" 9
126,000,911	97,058,762	90,912,376	Total .....	" 10
<u>Trains-milles</u>				
32,603,794	26,702,655	24,998,776	Service marchandises .....	11
16,109,771	4,486,003	4,627,348	Service voyageurs .....	12
2,069,096	276,703	350,202	Trafic de service .....	13
50,782,661	31,465,361	29,976,326	Total .....	14
<u>Wagons-milles</u>				
Marchandises:				
1,337,521,232	1,077,574,921	1,016,983,764	Wagons chargés .....	15
900,532,855	681,165,629	637,928,176	Wagons vides .....	16
38,222,136	27,736,172	26,294,359	Fourgons de queue .....	17
2,276,276,223	1,786,476,722	1,681,206,299	Total .....	18
Voyageurs:				
107,898,228	27,094,456	30,373,603	Service voyageurs (bagages compris) .....	19
16,837,371			Service messageries et courrier .....	20
124,735,599	27,094,456	30,373,603	Total .....	21
2,401,011,822	1,813,571,178	1,711,579,902	Total, service de transport .....	22
66,625	36,108	38,852	Effectifs - matériel roulant .....	23
588,318,189	333,863,549	330,888,997	Rémunération - matériel roulant .....	\$ 24
503,187,547	312,674,137	302,437,742	Rémunération relevant des frais d'exploitation .....	\$ 25
ferroviaire.				

(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.

<sup>r</sup> Nombres rectifiés.

... N'ayant pas lieu de figurer.

TABLE 5. Miscellaneous Railway Averages  
Year 1972

No.		24 railways		Canadian National
		Total		Railways
		24 sociétés ferroviaires		Canadien National
		1972	1971 <sup>r</sup>	1972
	<u>Per day per mile of road operated</u>			
1	Operating revenues ..... \$	117.65	109.92	117.75
2	Operating expenses ..... \$	111.86	103.57	114.42
3	Ton-miles - Revenue freight .....	7,460	7,136	7,146
4	Ton-miles - All freight .....	7,633	7,306	7,362
5	Passenger-miles - Revenue .....	124	134	178
	<u>Per freight-train mile</u>			
6	Freight revenue (1), (3) ..... \$	25.24	24.49	25.71
7	Tons carried - Revenue freight(1) .....	1,840	1,817	1,857
8	Tons carried - All freight(1) .....	1,883	1,860	1,913
9	Freight cars - Loaded(1) .....	40.7	40.1	43.1
10	Freight cars - Empty(1) .....	27.1	26.9	28.6
	<u>Other</u>			
11	Passengers carried per passenger train-mile(2) .....	85	97	87
12	Passengers carried per passenger service car-mile .....	..	..	153
13	Average length of haul - Revenue freight (on each road) ..	461	442	587
14	Average length of haul - Revenue freight (on all 24 roads)	513	514	..
15	Average journey - Revenue passengers .....	89	91	132
16	Average carload - Freight (ton-miles per loaded car-mile)	46.3	46.4	44.4
17	Freight revenue per ton-mile(3) .....	1.372	1.347	1.385
18	Passenger revenue per passenger-mile .....	3.419	2.951	3.229
19	Ratio of operating payroll to operating revenues ..... %	49.52	49.46	53.83
20	Ratio of operating expenses to operating revenues ..... %	95.08	94.22	97.18
21	Ratio of transportation expenses to operating revenues ... %	37.05	36.70	38.17

(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.  
<sup>r</sup> Revised figures.  
.. Figures not available.  
... Figures not appropriate or not applicable.



TABLEAU 5. Moyennes ferroviaires diverses  
Année 1972

Canadian National Railways — Canadien National	Canadian Pacific — Canadien Pacifique			
1971 <sup>r</sup>	1972	1971 <sup>r</sup>		N <sup>o</sup>
<u>Par jour par mille de voies exploitées</u>				
107.41	117.12	108.86	Recettes d'exploitation .....	\$ 1
103.43	107.57	101.28	Dépenses d'exploitation .....	\$ 2
6,661	8,104	7,527	Tonnes-milles — trafic commercial .....	3
6,871	8,242	7,661	Tonnes-milles — tous trafics .....	4
193	56	62	Voyageurs-milles taxés .....	5
<u>Par train-mille (marchandises)</u>				
23.84	23.91	23.82	Recettes (1), (3) .....	\$ 6
1,756	1,843	1,825	Tonnes transportées — trafic commercial(1) .....	7
1,811	1,874	1,858	Tonnes transportées — tous trafics(1) .....	8
41.0	40.4	40.7	Wagons marchandises — chargés(1) .....	9
27.6	25.5	25.5	Wagons marchandises — vides(1) .....	10
<u>Autres</u>				
103	75	81	Voyageurs transportés par train-mille du service voyageurs(2).	11
154	..	..	Voyageurs transportés par wagon-mille du service voyageurs	12
597	591	579	Parcours moyen — trafic commercial (sur chaque réseau) ...	13
...	...	...	Parcours moyen — trafic commercial (sur les 24 réseaux) ..	14
128	67	72	Parcours moyen — voyageurs taxés .....	15
44.1	46.4	45.7	Chargement moyen — marchandises (tonnes-milles par wagon-mille).	16
1,358	1,298	1,305	Recettes du trafic — marchandises par tonne-mille(3) ...	c 17
2,776	3,890	3,282	Recettes du trafic — voyageurs par voyageur-mille .....	c 18
54.52	43.97	45.83	Rapport de la rémunération du personnel d'exploitation sur les recettes d'exploitation.	% 19
96.29	91.85	93.03	Rapport des dépenses d'exploitation sur les recettes d'exploitation.	% 20
38.07	36.61	37.34	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.

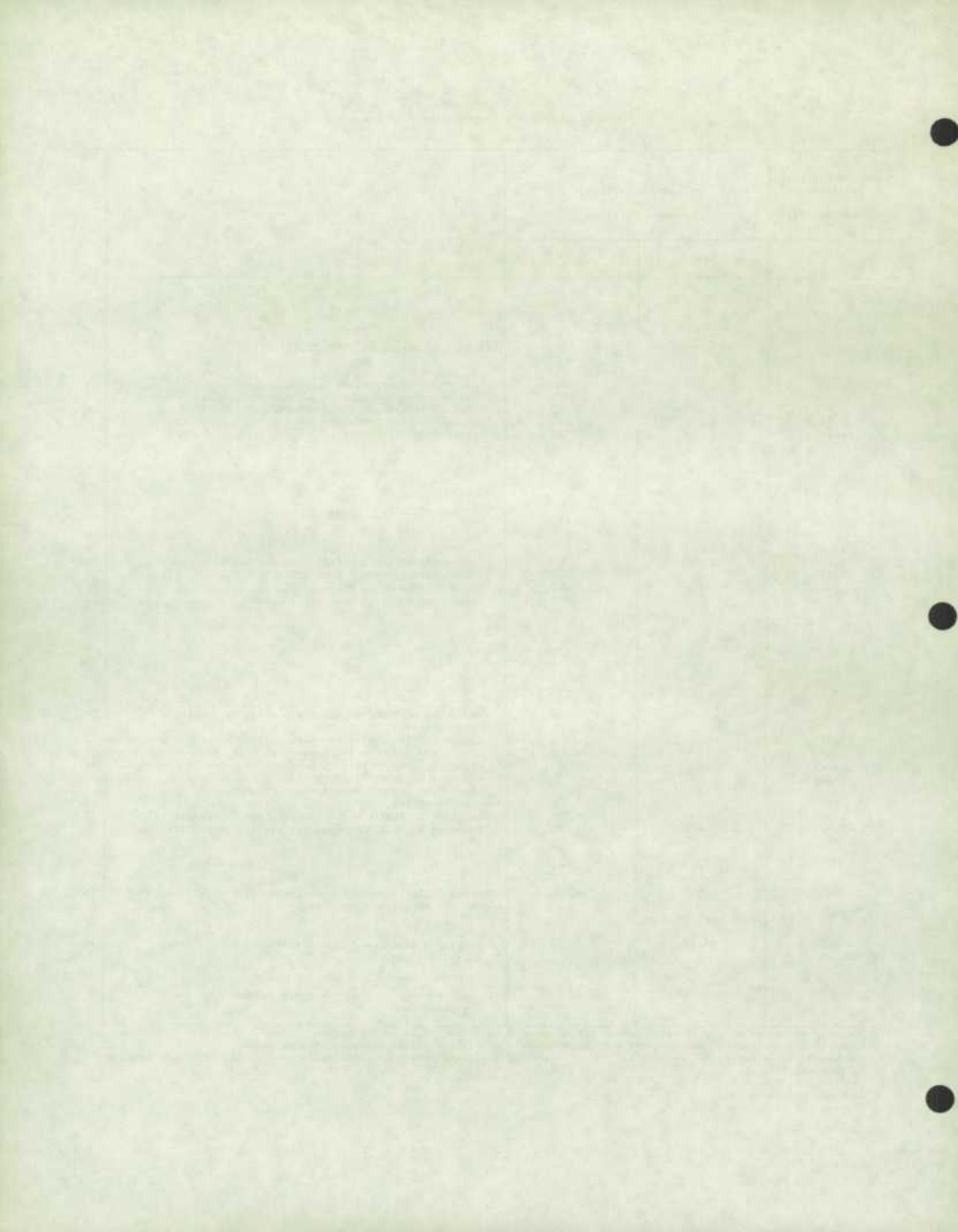
(2) Comprend un petit nombre de voyageurs transportés à bord des trains de marchandises (trains mixtes).

(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.

... Nombres rectifiés.

... Nombres indisponibles.

... N'ayant pas lieu de figurer.





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