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1963

PART IV

(Operating and Traffic Statistics)

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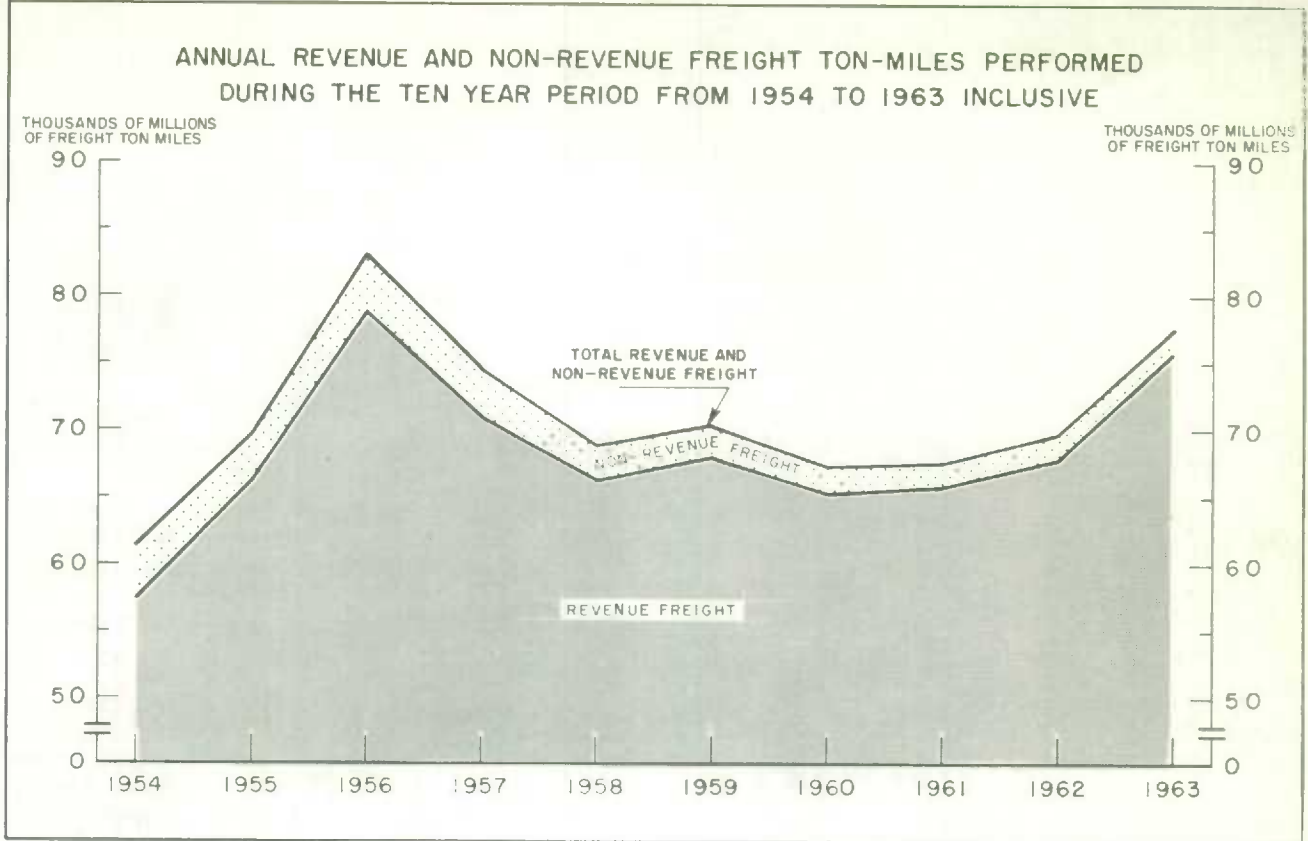
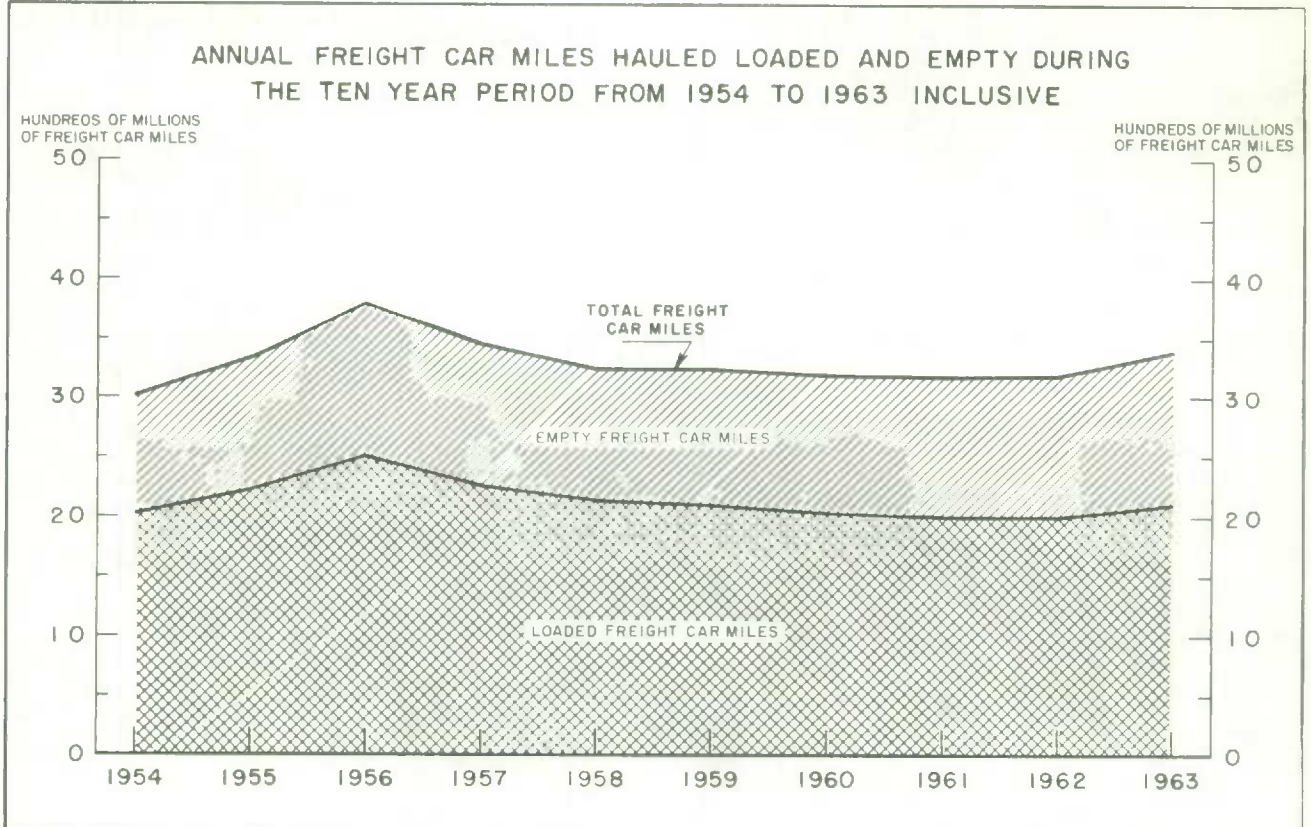


CHART-2



RAILWAY TRANSPORT

1963

PART IV

(Operating and Traffic Statistics)

Presented herein are operating and traffic statistics of twenty-seven common carrier railways in Canada. Statistics of the Cartier Railway Company, while not shown in Part II of this annual series due to the non-availability of financial data, are contained in this report.

A common carrier is defined as one who holds himself out to the general public to transport passengers and goods for compensation.

Passenger and Freight Traffic

Rail intercity and commutation passenger traffic, which began an upward trend in 1962 after seventeen consecutive years of decline, continued to increase in 1963, rising 7.2 per cent to 20,635,664. An improvement was also shown in passenger-miles which advanced 2.5 per cent to 2,069,565,120, but the average passenger journey at 100 miles was five miles shorter than that of the previous year.

Passenger train-miles and car-miles, which have been reduced 40.0 per cent and 36.1 per cent respectively since the end of World War II, aggregated 28,239,484 and 285,942,217 in 1963, down from 29,217,253 and 296,949,671 a year earlier.

The volume of revenue freight carried by rail in 1963, including traffic received from Canadian connections, increased 4.6 per cent to 194,515,000 tons. Ton-miles rose 11.6 per cent during the same period to 75,796,023,037 and the average length of

haul was up to 390 miles from 365 in 1962. The principal contributors to increased freight during the year under review were export grain shipments, iron ore and new potash movements. (See DBS "Railway Transport Part V, 1963" for a detailed commodity analysis).

Freight car mileage in 1963, loaded and empty (caboose excluded), was 3,406,645,650, a 6.5 per cent increase over the previous year and freight train mileage at 62,639,073 was 3.9 per cent above 1962. The average speed of freight trains in 1963 was 20.0 miles per hour, up from 18.3 m.p.h. ten years earlier. It should be noted that these averages are somewhat below actual running speeds due to the inclusion of time spent in switching, picking up and setting out cars, etc.

Locomotive-miles

Locomotive-miles generated in transportation service (exclusive of switching) totalled 86,981,990 in 1963, up 1.9 per cent from 1962. In the year under review 63,898,270 or 73.5 per cent were produced in freight service (61,346,152 a year earlier) while 23,083,720 or 26.5 per cent (24,003,727) resulted from passenger operations. In 1963 diesel power performed 99.7 per cent or 86,684,651 of total locomotive-miles while other, motive equipment, mainly of the electric type, accounted for the remaining 0.3 per cent or 297,339 miles. Locomotive-miles generated in road and yard switching aggregated 28,258,169 of which 88.5 per cent were run in the performance of yard switching services.

August 25, 1964.

TABLE 1. Summary of Traffic, Car-miles, Locomotive-miles and Train-miles
1962 and 1963

	1962	1963
Passenger and freight traffic:		
Passengers carried	19,257,772	20,635,664
Passenger-miles '000	2,018,842	2,069,565
Tons carried—Revenue freight	186,020,490	194,515,000
Ton-miles — “ “ '000	67,937,162	75,796,023
Tons carried — Revenue and non-revenue freight	194,203,150	205,877,076
Ton-miles — “ “ “ “ “ '000	69,686,371	77,620,128
Gross ton-miles:		
Freight train cars '000	148,190,351	161,029,747
Passenger train cars “	19,794,222	19,464,049
Totals “	167,984,573	180,493,796
Train-hours — Freight service	2,827,247	3,132,623
Passenger car-miles — Transportation service:		
In passenger trains:		
Self-propelled car	10,091,019	10,115,219
Coach (including colonist)	59,290,235	59,390,067
Sleeping, parlour and observation	72,044,374	71,296,489
Dining	13,099,362	14,288,329
Express	63,705,587	56,650,321
Other head-end	51,769,390	49,689,531
Other	2,099,702	1,901,158
Totals	272,099,669	263,231,114
In freight trains	24,850,002	22,711,103
Grand totals	296,949,671	285,942,217
Work train service	3,398	13,254
Freight car-miles — Transportation service:		
In freight trains:		
Freight loaded	2,003,297,777	2,103,242,993
Freight empty	1,190,733,466	1,297,171,950
Caboose	62,143,573	64,660,810
Totals	3,256,174,816	3,465,075,753
In passenger trains	6,084,469	7,351,545
Grand totals	3,262,259,285	3,472,427,298
Work train service	8,633,201	10,366,143

TABLE 1. Summary of Traffic, Car-miles, Train-miles and Locomotive-miles,
1962 and 1963 - Concluded

	1962	1963
Train-miles:		
Freight—Drawn by locomotive	60,307,977	62,639,073
Passenger—Drawn by locomotive	23,369,055	22,426,461
Drawn by self-propelled car	5,848,198	5,813,023
Totals	29,217,253	28,239,484
Totals, transportation service	89,525,230	90,878,557
Work train service	2,085,116	2,309,955
Locomotive-miles:		
Diesel:		
Freight	61,311,000	63,871,156
Passenger	23,752,530	22,813,495
Train switching	3,314,788	3,261,339
Yard switching	24,873,129	24,939,560
Totals, transportation service	113,251,447	114,885,550
Other:¹		
Freight	35,152	27,114
Passenger	251,197	270,225
Train switching	—	6
Yard switching	65,970	57,264
Totals, transportation service	352,319	354,609
Totals:		
Freight	61,346,152	63,898,270
Passenger	24,003,727	23,083,720
Train switching	3,314,788	3,261,345
Yard switching	24,939,099	24,996,824
Grand totals, transportation service	113,603,766	115,240,159

¹ Includes electric and steam.

TABLE 2. Passenger and Freight Traffic, 1963

No.	Name of railway	Revenue passengers		Revenue freight	
		Number carried	Passenger-miles	Tons carried	Ton-miles
1	Algoma Central and Hudson Bay	47,713	3,745,906	4,385,385	590,146,304
2	Alma and Jonquières	—	—	626,594	6,270,000
3	British Columbia Hydro and Power Authority	—	—	1,481,305	53,102,396
4	Canada and Gulf Terminal	1,194	55,294	130,354	2,574,837
5	Canada Southern (Lessee N.Y.C.)	299,961	51,136,911	6,268,426	645,767,695
6	Canadian National	12,750,412	1,115,369,734	74,183,958	36,729,850,578
7	Canadian Pacific—Rail	8,748,859	639,356,000	59,254,103	29,134,471,000
	Water	—	—	—	6,682,000
	Totals	6,748,859	639,356,000	59,254,103	29,141,153,000
8	Cartier	9,307	1,755,000	7,447,938	1,422,556,000
9	Chesapeake and Ohio (Père Marquette District)	—	—	4,284,870	825,836,000
10	Cumberland	10	180	3,355,091	48,478,000
12	Essex Terminal	—	—	1,174,018	5,670,090
13	Grand Falls Central	—	—	561,836	10,828,000
14	Great Northern	101,320	3,439,408	948,230	27,366,300
15	Greater Winnipeg Water District	4,079	328,675	506,741	18,258,492
18	London and Port Stanley	—	—	225,452	3,741,364
19	Maine Central	—	—	319,821	1,631,087
20	Midland Railway of Manitoba	46,254	2,923,933	138,196	9,811,916
21	Napierville Junction	139,195	5,812,116	981,122	26,446,666
22	Northern Alberta	24,337	2,435,921	1,415,990	378,606,648
23	Ontario Northland	193,700	21,190,014	2,328,109	496,222,092
24	Pacific Great Eastern	104,526	11,811,679	2,302,227	766,730,469
26	Quebec North Shore and Labrador	11,160	2,742,159	12,098,498	3,604,353,000
27	Roberval and Saguenay	—	—	2,392,950	45,708,852
28	St. Lawrence and Adirondack	—	—	631,451	20,557,049
30	Toronto, Hamilton and Buffalo	124,525	4,656,837	3,270,649	121,219,399
33	Wabash (in Canada)	4	4	3,670,939	779,189,801
34	White Pass and Yukon Route (lines in Canada)	29,112	2,805,353	130,547	11,749,000
35	Totals—Rail Line	20,635,664	2,069,565,120	194,515,000	75,789,341,037
	Water line	—	—	—	6,682,000
	Totals	20,635,664	2,069,565,120	194,515,000	75,796,023,037
	Excluding duplications	—	—	172,897,094 ¹	—

¹ Excludes locomotive and tender.² Includes contents and cabooses.³ Includes cars only.

TABLE 2. Passenger and Freight Traffic, 1963

Revenue and non-revenue freight		Gross ton-miles ¹			Train hours freight service	No.
Tons carried	Ton-miles	Freight train cars ²	Passenger train cars ³	Total		
7,303,899	597,450,203	1,088,259,244	36,888,402	1,125,147,646	24,578	1
626,594	6,270,000	12,818,000	—	12,818,000	4,365	2
1,481,305	53,102,396	109,819,665	—	109,819,665	14,819	3
130,354	2,574,837	5,265,090	1,786,032	7,051,122	2,496	4
6,307,813	648,854,729	1,752,738,666	586,699,409	2,339,438,075	18,647	5
79,077,303	37,800,969,030	79,737,254,254	11,637,156,293	91,374,410,547	1,422,895	6
61,475,469	29,803,812,000	62,183,933,000	6,505,110,000	68,689,043,000	1,381,427	7
—	6,826,000	—	—	—	—	—
61,475,469	29,810,638,000	62,183,933,000	6,505,110,000	68,689,043,000	1,381,427	—
7,483,934	1,425,981,000	2,228,790,360	21,972,640	2,250,763,000	11,805	8
4,331,602	833,815,000	2,031,241,000	53,000	2,031,294,000	28,977	9
3,356,653	48,589,000	98,311,000	—	98,311,000	8,149	10
1,174,018	5,870,090	12,009,000	—	12,009,000	10,952	12
826,473	11,006,000	18,901,000	—	18,901,000	4,992	13
956,634	27,568,315	64,974,411	21,343,601	86,318,012	6,366	14
306,741	18,258,492	44,365,692	728,400	45,094,092	5,904	15
225,452	3,741,364	4,938,964	159,840	5,098,804	6,350	18
319,821	1,631,087	3,466,702	—	3,466,702	1,445	19
138,196	9,811,916	30,333,723	29,427,962	59,761,685	1,929	20
981,122	26,466,668	61,909,000	31,954,000	93,863,000	1,796	21
1,468,428	390,217,906	773,402,771	124,028,002	897,430,773	24,042	22
2,368,937	502,825,004	1,085,707,829	335,790,800	1,421,498,629	25,255	23
2,349,587	776,719,780	1,534,925,163	44,443,369	1,579,368,532	40,636	24
13,099,653	3,637,347,000	5,851,942,000	44,794,610	5,896,736,610	28,501	26
2,396,227	45,708,852	81,051,893	—	81,051,893	19,324	27
632,184	20,592,953	46,692,256	588	46,692,844	3,052	28
3,281,508	121,393,176	237,736,206	38,407,000	276,143,206	16,465	30
3,682,339	780,569,860	1,905,405,917	251,050	1,905,656,967	13,486	33
134,830	12,135,000	23,554,783	3,053,811	26,608,594	4,166	34
205,877,076	77,613,301,658	161,029,747,589	19,464,048,809	180,493,796,398	3,132,623	35
—	6,826,000	—	—	—	—	—
205,877,076	77,620,127,658	161,029,747,589	19,464,048,809	180,493,796,398	3,132,623	—
184,259,170 ⁴	—	—	—	—	—	—

¹ Included with Canadian National Railways.² Excludes receipts from Canadian rail connections but includes tonnage handled in intermediate switching.

TABLE 3. Passenger Car-miles, 1963

Name of railway	In trains drawn by	Self-propelled car-miles			Coach (including colonist) car-miles		
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service
1. Algoma Central and Hudson Bay	Locomotive	—	—	—	488	266,557	267,045
2. Alma and Jonquière	"	—	—	—	—	—	—
3. British Columbia Hydro and Power Authority	Self-propelled car	—	—	—	—	—	—
4. Canada and Gulf Terminal	Locomotive	—	—	—	24,569	—	24,569
	Self-propelled car	—	237	237	—	—	—
	Totals	—	237	237	24,569	—	24,569
5. Canada Southern (Lessee N.Y.C.)	Locomotive	—	—	—	7,346	1,881,113	1,888,459
6. Canadian National	"	—	—	—	2,689,747	34,739,653	37,429,400
	Self-propelled car	1,052	3,876,102	3,877,154	—	890,168	890,168
	Totals	1,052	3,876,102	3,877,154	2,689,747	35,629,821	38,319,568
7. Canadian Pacific	Locomotive	—	118,680	118,680	263,087	19,763,153	20,026,240
	Self-propelled car	—	5,421,606	5,421,606	—	—	—
	Totals	—	5,540,286	5,540,286	263,087	19,763,153	20,026,240
8. Cartier	Locomotive	—	—	—	—	—	—
9. Chesapeake and Ohio (Père Marquette District)	"	—	—	—	—	—	—
10. Cumberland	"	—	—	—	3,360	—	3,360
12. Essex Terminal	"	—	—	—	—	—	—
13. Grand Falls Central	"	—	—	—	—	—	—
14. Great Northern	"	—	—	—	—	179,667	179,667
	Self-propelled car	—	—	—	—	—	—
	Totals	—	—	—	—	179,667	179,667
15. Greater Winnipeg Water District	"	—	—	—	18,235	—	18,235
	Self-propelled car	—	19,504	19,504	—	—	—
	Totals	—	19,504	19,504	18,235	—	18,235
18. London and Port Stanley	Locomotive	—	—	—	—	—	—
19. Maine Central	"	—	—	—	—	—	—
20. Midland Railway of Manitoba	"	—	—	—	—	139,170	139,170
	Self-propelled car	—	48,978	48,978	—	—	—
	Totals	—	48,978	48,978	—	139,170	139,170
21. Napierville Junction	Locomotive	—	—	—	—	149,688	149,688
22. Northern Alberta	"	—	—	—	61,188	207,748	268,936
23. Ontario Northland	"	—	—	—	325,430	704,908	1,030,338
24. Pacific Great Eastern	"	—	—	—	—	766	766
	Self-propelled car	—	630,112	630,112	—	—	—
	Totals	—	630,112	630,112	—	766	766
26. Quebec North Shore and Labrador	Locomotive	—	—	—	—	267,145	267,145
27. Roberval and Saguenay	"	—	—	—	—	—	—
28. St. Lawrence and Adirondack	"	—	—	—	—	—	—
30. Toronto, Hamilton and Buffalo	"	—	—	—	—	200,331	200,331
33. Wabash (in Canada)	"	—	—	—	—	—	—
34. White Pass and Yukon Route (lines in Canada)	"	—	—	—	—	—	—
35. Totals	Locomotive	—	118,680	118,680	3,393,450	58,499,899	61,893,349
	Self-propelled car	1,052	9,996,539	9,997,591	—	890,168	890,168
	Totals	1,052	10,115,219	10,116,271	3,393,450	59,390,067	62,783,517

TABLE 3. Passenger Car-miles, 1963 - Continued

Name of railway	In trains drawn by	Sleeping, parlour and observation car-miles			Dining car-miles		
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service
1. Algoma Central and Hudson Bay	Locomotive	-	-	-	-	-	-
2. Alma and Jonquières	"	-	-	-	-	-	-
3. British Columbia Hydro and Power Authority	Self-propelled car	-	-	-	-	-	-
4. Canada and Gulf Terminal	Locomotive	-	-	-	-	-	-
	Self-propelled car	-	-	-	-	-	-
	Totals	-	-	-	-	-	-
5. Canada Southern (Lessee N.Y.C.)	Locomotive	-	1,457,611	1,457,611	-	561,121	561,121
6. Canadian National	"	187,940	38,027,237	38,215,177	15,970	6,734,821	8,750,791
	Self-propelled car	-	-	-	-	-	-
	Totals	187,940	38,027,237	38,215,177	15,970	6,734,821	8,750,791
7. Canadian Pacific	Locomotive	16,929	30,761,867	30,778,796	-	4,665,906	4,665,906
	Self-propelled car	-	-	-	-	-	-
	Totals	16,929	30,761,867	30,778,796	-	4,665,906	4,665,906
8. Cartier	Locomotive	154,710	-	154,710	-	-	-
9. Chesapeake and Ohio (Père Marquette District)	"	-	-	-	-	-	-
10. Cumberland	"	-	-	-	-	-	-
12. Essex Terminal	"	-	-	-	-	-	-
13. Grand Falls Central	"	-	-	-	-	-	-
14. Great Northern	"	2,380	52,666	55,026	-	1,604	1,804
15. Greater Winnipeg Water District	"	-	-	-	-	-	-
	Self-propelled car	-	-	-	-	-	-
	Totals	-	-	-	-	-	-
18. London and Port Stanley	Locomotive	-	-	-	-	-	-
19. Maine Central	"	-	-	-	-	-	-
20. Midland Railway of Manitoba	"	-	108,076	108,076	-	-	-
	Self-propelled car	-	-	-	-	-	-
	Totals	-	108,076	108,076	-	-	-
21. Napierville Junction	Locomotive	-	174,762	174,762	-	10,416	10,416
22. Northern Alberta	"	-	-	-	-	-	-
23. Ontario Northland	"	4,622	558,070	562,692	58,536	211,683	270,219
24. Pacific Great Eastern	"	-	3,262	3,262	-	466	466
	Self-propelled car	-	-	-	-	-	-
	Totals	-	3,262	3,262	-	466	466
26. Quebec North Shore and Labrador	Locomotive	-	-	-	-	73,840	73,840
27. Roberval and Saguenay	"	-	-	-	-	-	-
28. St. Lawrence and Adirondack	"	-	-	-	-	-	-
30. Toronto, Hamilton and Buffalo	"	-	112,518	112,518	-	28,272	28,272
33. Wabash (in Canada)	"	-	-	-	-	-	-
34. White Pass and Yukon Route (lines in Canada)	"	44,950	40,420	85,370	-	-	-
35. Totals	Locomotive	411,511	71,296,489	71,708,000	74,506	14,288,329	14,362,835
	Self-propelled car	-	-	-	-	-	-
	Totals	411,511	71,296,489	71,708,000	74,506	14,288,329	14,362,835

TABLE 3. Passenger Car-miles, 1963 - Continued

Name of railway	In trains drawn by	Express car-miles			Other head-end car-miles		
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service
1. Algoma Central and Hudson Bay	Locomotive	329	151,856	152,185	-	151,857	151,857
2. Alma and Jonquières	"	-	-	-	-	-	-
3. British Columbia Hydro and Power Authority	Self-propelled car	-	-	-	-	-	-
4. Canada and Gulf Terminal	Locomotive	-	-	-	-	-	-
	Self-propelled car	-	-	-	-	-	-
	Totals	-	-	-	-	-	-
5. Canada Southern (Lessee N.Y.C.)	Locomotive	-	-	-	24,768	5,658,421	5,683,189
6. Canadian National	"	6,346,813	38,889,124	45,235,937	5,629,149	27,584,237	33,213,386
	Self-propelled car	-	8,964	8,964	-	-	-
	Totals	6,346,813	38,898,088	45,244,901	5,629,149	27,584,237	33,213,386
7. Canadian Pacific	Locomotive	3,131,622	17,151,937	20,283,559	2,425,662	13,285,490	15,711,172
	Self-propelled car	-	-	-	-	-	-
	Totals	3,131,622	17,151,937	20,283,559	2,425,662	13,285,490	15,711,172
8. Cartier	Locomotive	79,074	-	79,074	-	-	-
9. Chesapeake and Ohio (Père Marquette District)	"	-	-	-	542	-	542
10. Cumberland	"	-	-	-	-	-	-
12. Essex Terminal	"	-	-	-	-	-	-
13. Grand Falls Central	"	-	-	-	-	-	-
14. Great Northern	"	-	-	-	-	-	-
15. Greater Winnipeg Water District	"	-	-	-	-	-	-
	Self-propelled car	-	-	-	-	-	-
	Totals	-	-	-	-	-	-
18. London and Port Stanley	Locomotive	3,552	-	3,552	-	-	-
19. Maine Central	"	-	-	-	-	-	-
20. Midland Railway of Manitoba	"	-	-	-	-	165,152	165,152
	Self-propelled car	-	-	-	-	-	-
	Totals	-	-	-	-	165,152	165,152
21. Napierville Junction	Locomotive	378	6,132	6,510	-	129,780	129,780
22. Northern Alberta	"	33,308	363,078	396,386	7,420	148,231	155,651
23. Ontario Northland	"	-	-	-	268,232	1,843,555	2,111,787
24. Pacific Great Eastern	"	112,229	-	112,229	-	150	150
	Self-propelled car	-	-	-	-	-	-
	Totals	112,229	-	112,229	-	150	150
26. Quebec North Shore and Labrador	Locomotive	-	-	-	-	597,876	597,876
27. Roberval and Saguenay	"	6,540	-	6,540	-	-	-
28. St. Lawrence and Adirondack	"	-	-	-	40	-	40
30. Toronto, Hamilton and Buffalo	"	-	79,230	79,230	-	124,782	124,782
33. Wabash (In Canada)	"	-	-	-	-	-	-
34. White Pass and Yukon Route (lines in Canada)	"	-	-	-	25,110	-	25,110
35. Totals	Locomotive	9,713,845	56,641,357	66,355,202	8,360,943	49,689,531	58,070,474
	Self-propelled car	-	8,964	8,964	-	-	-
	Totals	9,713,845	56,650,321	66,364,166	8,360,943	49,689,531	58,070,474

TABLE 3. Passenger Car-miles, 1963 - Concluded

Name of railway	In trains drawn by	Other passenger car-miles			Total passenger car-miles			
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service	Work train service
1. Algoma Central and Hudson Bay	Locomotive	4,294	139,826	144,120	5,111	710,096	715,207	-
2. Alma and Jonquières	"	-	-	-	-	-	-	-
3. British Columbia Hydro and Power Authority ..	Self-propelled car	-	-	-	-	-	-	-
4. Canada and Gulf Terminal	Locomotive	-	-	-	24,569	-	24,569	-
	Self-propelled car	-	-	-	-	237	237	-
	Totals	-	-	-	24,569	237	24,806	-
5. Canada Southern (Lessee N.Y.C.)	Locomotive	-	337,378	337,378	32,114	9,895,644	9,927,758	-
6. Canadian National	"	182,183	691,673	873,856	15,051,802	148,666,745	163,718,547	13,254
	Self-propelled car	-	152	152	1,052	4,775,386	4,776,438	-
	Totals	182,183	691,825	874,008	15,052,854	153,442,131	168,494,985	13,254
7. Canadian Pacific	Locomotive	347,983	441,904	789,887	6,185,303	86,188,937	92,374,240	-
	Self-propelled car	-	-	-	-	5,421,606	5,421,606	-
	Totals	347,983	441,904	789,887	6,185,303	91,610,543	97,795,846	-
8. Cartier	Locomotive	40,874	-	40,874	274,658	-	274,658	-
9. Chesapeake and Ohio (Père Marquette District)	"	-	-	-	542	-	542	-
10. Cumberland	"	-	-	-	3,360	-	3,360	-
12. Essex Terminal	"	-	-	-	-	-	-	-
13. Grand Falls Central	"	-	-	-	-	-	-	-
14. Great Northern	"	7,479	61,073	68,552	9,839	295,210	305,049	-
15. Greater Winnipeg Water District	"	-	-	-	18,235	-	18,235	-
	Self-propelled car	-	-	-	-	19,504	19,504	-
	Totals	-	-	-	18,235	19,504	37,739	-
18. London and Port Stanley	Locomotive	-	-	-	3,552	-	3,552	-
19. Maine Central	"	-	-	-	-	-	-	-
20. Midland Railway of Manitoba	"	-	1,136	1,136	-	413,534	413,534	-
	Self-propelled car	-	-	-	-	48,978	48,978	-
	Totals	-	1,136	1,136	-	462,512	462,512	-
21. Napierville Junction	Locomotive	-	210	210	378	470,988	471,366	-
22. Northern Alberta	"	2,522	5,054	7,576	104,438	724,111	828,549	-
23. Ontario Northland	"	101,087	121,262	222,349	757,907	3,439,478	4,197,385	-
24. Pacific Great Eastern	"	-	616	616	112,229	5,260	117,489	-
	Self-propelled car	-	-	-	-	630,112	630,112	-
	Totals	-	616	616	112,229	635,372	747,601	-
26. Quebec North Shore and Labrador	Locomotive	-	-	-	-	938,861	938,861	-
27. Roberval and Saguenay	"	-	-	-	6,540	-	6,540	-
28. St. Lawrence and Adirondack	"	-	-	-	40	-	40	-
30. Toronto, Hamilton and Buffalo	"	-	874	874	-	546,007	546,007	-
33. Wabash (in Canada)	"	5,675	-	5,675	5,675	-	5,675	-
34. White Pass and Yukon Route (lines in Canada)	"	43,699	-	43,699	113,759	40,420	154,179	..
35. Totals	Locomotive	735,796	1,801,006	2,536,802	22,710,051	252,335,291	275,045,342	13,254
	Self-propelled car	-	152	152	1,052	10,895,823	10,896,875	-
	Totals	735,796	1,801,158	2,536,954	22,711,103	263,231,114	285,942,217	13,254

.. Figures not available.

TABLE 4. Freight Car-miles, 1963

Name of railway	In trains drawn by	Freight car-miles - Loaded			Freight car-miles - Empty		
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service
1. Algoma Central and Hudson Bay	Locomotive	11,684,324	-	11,684,324	8,107,830	-	8,107,830
2. Alma and Jonquières	"	155,323	-	155,323	157,710	-	157,710
3. British Columbia Hydro and Power Authority	"	1,756,385	-	1,756,385	562,757	-	562,757
4. Canada and Gulf Terminal	"	227,175	-	227,175	99,262	-	99,262
5. Canada Southern (Lessee N.Y.C.) ..	"	24,039,383	218,002	24,257,385	15,955,803	-	15,955,803
6. Canadian National	"	1,073,051,959	1,100,731	1,074,152,690	667,267,413	157,786	667,425,199
7. Canadian Pacific	"	626,475,227	4,289,903	830,765,130	477,961,718	464,285	478,446,003
8. Cartier	"	15,212,768	-	15,212,768	14,932,571	-	14,932,571
9. Chesapeake and Ohio (Père Marquette District)	"	26,696,315	-	26,696,315	16,259,138	-	16,259,138
10. Cumberland	"	873,826	-	873,826	866,952	-	866,952
12. Essex Terminal	"	149,845	-	149,845	142,090	-	142,090
13. Grand Falls Central	"	504,047	-	504,047	488,786	-	488,786
14. Great Northern	"	775,730	-	775,730	612,707	-	612,707
15. Greater Winnipeg Water District	"	522,000	-	522,000	522,000	-	522,000
18. London and Port Stanley	"	215,827	-	215,827	5,960	-	5,960
19. Maine Central	"	39,005	-	39,005	38,634	-	38,634
20. Midland Railway of Manitoba	"	424,011	-	424,011	326,887	-	326,887
21. Napierville Junction	"	784,296	-	784,296	788,481	-	788,481
22. Northern Alberta	"	10,840,448	-	10,840,448	7,197,406	-	7,197,406
23. Ontario Northland	"	15,220,255	-	15,220,255	11,854,190	-	11,854,190
24. Pacific Great Eastern	"	20,708,490	-	20,708,490	13,144,657	-	13,144,657
26. Quebec North Shore and Labrador	"	41,041,423	-	41,041,423	40,457,096	-	40,457,096
27. Roberval and Saguenay	"	619,717	-	619,717	781,110	-	781,110
28. St. Lawrence and Adirondack	"	506,218	-	506,218	457,639	-	457,639
30. Toronto, Hamilton and Buffalo	"	2,584,847	-	2,584,847	2,114,713	-	2,114,713
33. Wabash (in Canada)	"	27,140,637	-	27,140,637	15,849,667	-	15,849,667
34. White Pass and Yukon Route (lines in Canada)	"	793,512	-	793,512	198,773	-	198,773
35. Totals	Locomotive	2,103,242,993	5,608,636	2,108,851,629	1,297,171,950	622,071	1,297,794,021

TABLE 4. Freight Car-miles, 1963 - Concluded

Name of railway	In trains drawn by	Caboose car-miles			Total freight car-miles			
		In freight trains	In passenger trains	Total transportation service	In freight trains	In passenger trains	Total transportation service	Work train service
1. Algoma Central and Hudson Bay ..	Locomotive	417,431	—	417,431	20,209,585	—	20,209,585	225,470
2. Alma and Jonquières	"	14,370	—	14,370	327,403	—	327,403	—
3. British Columbia Hydro and Power Authority	"	61,548	—	61,548	2,380,690	—	2,380,690	8,753
4. Canada and Gulf Terminal	"	24,569	—	24,569	351,006	—	351,006	—
5. Canada Southern (Lessee N.Y.C.) ..	"	555,624	—	555,624	40,550,810	218,002	40,768,812	43,728
6. Canadian National	"	33,196,758	146,800	33,343,558	1,773,516,130	1,405,317	1,774,921,447	2,810,257
7. Canadian Pacific	"	25,728,447	941,596	26,668,043	1,330,183,392	5,695,784	1,335,879,176	4,749,903
8. Cartier	"	30,316	—	30,316	30,175,655	—	30,175,655	219,307
9. Chesapeake and Ohio (Père Marquette District)	"	741,400	—	741,400	43,696,853	—	43,696,853	8,399
10. Cumberland	"	76,601	—	76,601	1,817,379	—	1,817,379	—
12. Essex Terminal	"	19,764	—	19,764	311,699	—	311,699	—
13. Grand Falls Central	"	54,568	—	54,568	1,047,421	—	1,047,421	17,397
14. Great Northern	"	67,361	—	67,361	1,455,798	—	1,455,798	164
15. Greater Winnipeg Water District	"	34,776	—	34,776	1,078,776	—	1,078,776	—
18. London and Port Stanley	"	11,920	—	11,920	233,707	—	233,707	—
19. Maine Central	"	6,446	—	6,446	84,085	—	84,085	—
20. Midland Railway of Manitoba	"	49,311	—	49,311	800,209	—	800,209	—
21. Napierville Junction	"	31,020	—	31,020	1,603,797	—	1,603,797	1,555
22. Northern Alberta	"	407,878	32,442	440,320	18,445,732	32,442	18,478,174	307,160
23. Ontario Northland	"	681,880	—	681,880	27,756,325	—	27,756,325	64,342
24. Pacific Great Eastern	"	857,804	—	857,804	34,710,751	—	34,710,751	457,717
26. Quebec North Shore and Labrador ..	"	832,094	—	832,094	82,330,813	—	82,330,813	1,440,570
27. Roberval and Saguenay	"	51,611	—	51,611	1,652,438	—	1,652,438	—
28. St. Lawrence and Adirondack	"	60,389	—	60,389	1,024,246	—	1,024,246	—
30. Toronto, Hamilton and Buffalo	"	125,546	—	125,546	4,825,106	—	4,825,106	11,423
33. Wabash (in Canada)	"	521,587	—	521,587	43,511,891	—	43,511,891	—
34. White Pass and Yukon Route (lines in Canada)	"	1,971	—	1,971	994,256	—	994,256	..
35. Totals	Locomotive	64,660,810	1,120,838	65,781,648	3,485,075,753	7,351,545	3,472,427,298	10,366,143

.. Figures not available.

TABLE 5. Train-miles and Locomotive-miles, 1963

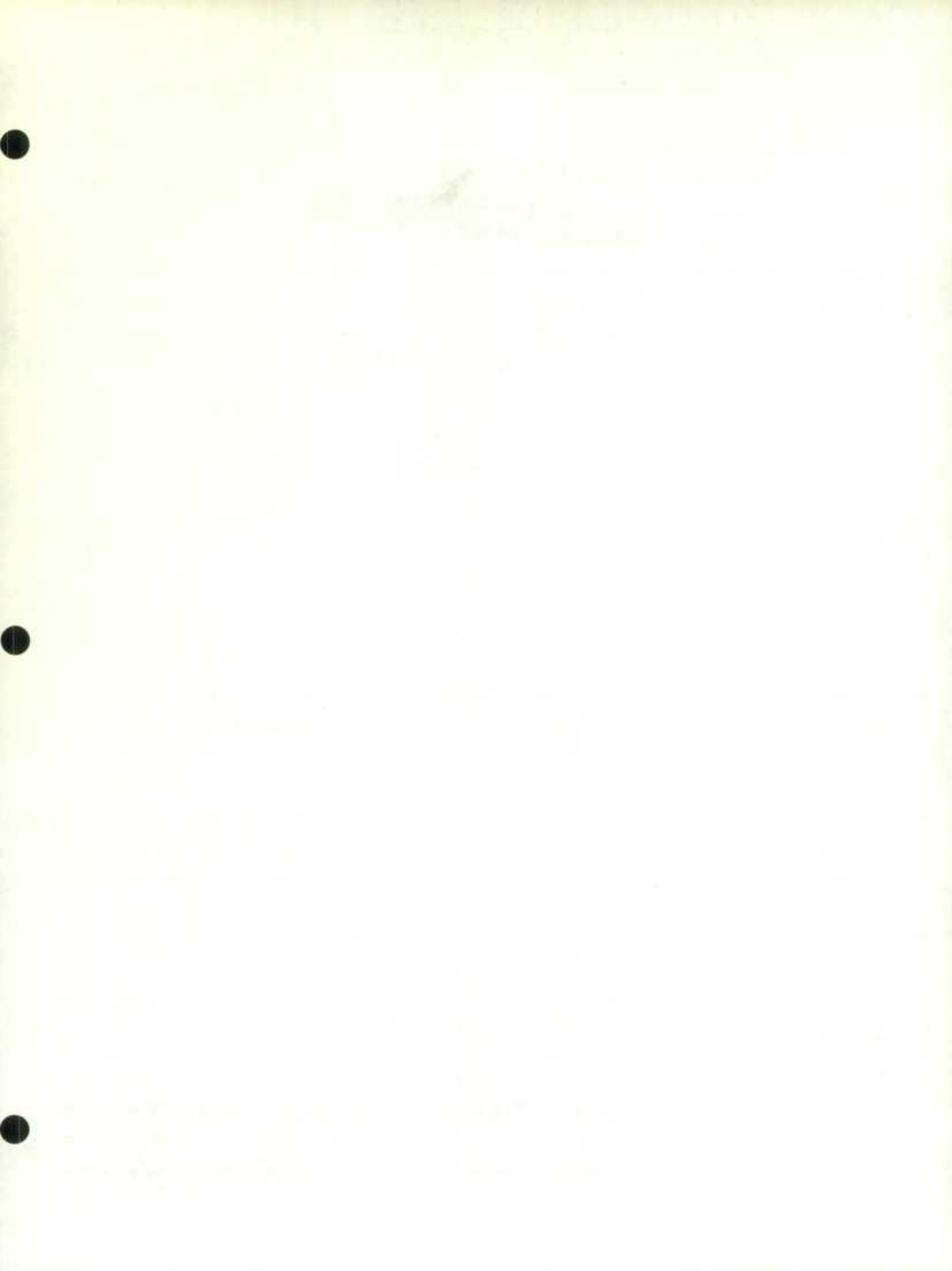
No.	Name of railway	Class of power	Train-miles		
			Freight	Passenger	Total transportation service
1	Algoma Central and Hudson Bay.....	Locomotive	417,685	155,373	573,058
2	Alma and Jonquière.....	"	26,880	—	26,880
3	British Columbia Hydro and Power Authority	"	94,707	—	94,707
4	Canada and Gulf Terminal	"	24,569	—	24,569
		Self-propelled car.....	—	237	237
		Totals.....	24,569	237	24,806
5	Canada Southern (Lessee N.Y.C.)	Locomotive	489,642	701,103	1,190,745
6	Canadian National.....	"	32,399,424	13,721,162	46,120,586
		Self-propelled car.....	—	2,186,812	2,186,812
		Totals.....	32,399,424	15,907,974	48,307,398
7	Canadian Pacific.....	Locomotive	24,198,405	6,890,191	31,088,596
		Self-propelled car.....	—	3,052,250	3,052,250
		Totals.....	24,198,405	9,942,441	34,140,846
8	Cartier.....	Locomotive	279,403	—	279,403
9	Chesapeake and Ohio (Père Marquette District).....	"	735,314	—	735,314
10	Cumberland.....	"	97,791	—	97,791
12	Essex Terminal	"	14,841	—	14,841
13	Grand Falls Central	"	54,588	—	54,588
14	Great Northern	"	68,439	52,570	121,009
15	Greater Winnipeg Water District	"	45,172	—	45,172
		Self-propelled car.....	—	19,504	19,504
		Totals.....	45,172	19,504	64,676
18	London and Port Stanley	Locomotive	48,136	—	48,136
19	Maine Central.....	"	6,446	—	6,446
20	Midland Railway of Manitoba.....	"	49,044	54,736	103,780
		Self-propelled car.....	—	43,950	43,950
		Totals.....	49,044	98,686	147,730
21	Napierville Junction	Locomotive	31,020	62,160	93,180
22	Northern Alberta	"	456,325	187,214	623,539
23	Ontario Northland	"	681,880	476,116	1,157,996
24	Pacific Great Eastern.....	"	645,163	618	845,779
		Self-propelled car.....	—	510,270	510,270
		Totals.....	645,163	510,888	1,356,049
26	Quebec North Shore and Labrador.....	Locomotive	759,787	84,051	843,838
27	Roberval and Saguenay.....	"	60,046	—	60,046
28	St. Lawrence and Adirondack	"	59,215	—	59,215
30	Toronto, Hamilton and Buffalo	"	126,864	55,675	182,539
33	Wabash (in Canada).....	"	516,212	—	516,212
34	White Pass and Yukon Route (lines in Canada)	"	52,075	5,494	57,569
35	Totals	Locomotive	62,639,073	22,426,461	85,065,534
		Self-propelled car.....	—	5,813,023	5,813,023
		Totals.....	62,639,073	28,239,484	90,878,557

TABLE 5. Train-miles and Locomotive-miles, 1963

Train-miles	Locomotive-miles (exclusive of switching)				No.
	Work train service	Type of locomotive	Freight	Passenger	
7,657	Diesel.....	483,334	157,707	841,041	1
-	".....	26,880	-	26,880	2
907	".....	223,227	-	223,227	3
-	Other.....	11,322	-	11,322	
-	Totals.....	234,549	-	234,549	
-	Diesel.....	24,569	-	24,569	4
-	".....	-	-	-	
4,141	".....	505,556	708,160	1,213,716	5
1,765,820	".....	32,705,026	13,772,381	46,477,407	6
-	Other.....	-	165,774	165,774	
1,765,820	Totals.....	32,705,026	13,938,155	46,643,181	
265,231	Diesel.....	24,270,442	6,890,191	31,160,633	7
-	Other.....	-	-	-	
265,231	Totals.....	24,270,442	6,890,191	31,160,633	
14,603	Diesel.....	279,403	-	279,403	8
780	".....	753,967	-	753,967	9
-	".....	97,791	-	97,791	10
-	".....	14,841	-	14,841	12
1,648	".....	54,588	-	54,588	13
237	".....	70,735	54,027	124,762	14
-	".....	45,172	-	45,172	15
-	".....	-	-	-	
-	Other.....	32,344	-	32,344	18
-	".....	15,792	-	15,792	
-	Totals.....	48,136	-	48,136	
10	Diesel.....	6,451	-	6,451	19
-	".....	49,044	47,734	96,778	20
-	".....	-	-	-	
1,555	".....	31,020	64,396	95,416	21
75,173	".....	456,365	169,299	625,664	22
-	Other.....	-	104,451	104,451	
-	Totals.....	456,365	273,750	730,115	
15,277	Diesel.....	1,315,012	733,086	2,048,098	23
70,418	".....	845,163	616	845,779	24
70,418	".....	-	-	-	
84,677	".....	759,787	84,051	843,838	26
-	".....	60,046	-	60,046	27
-	".....	59,517	-	59,517	28
1,290	".....	126,353	126,353	252,706	30
-	".....	520,577	-	520,577	33
531	".....	53,946	5,494	59,440	34
-	Other.....	-	-	-	
-	Totals.....	53,946	5,494	59,440	
2,309,955	Diesel.....	63,871,156	22,813,495	86,684,651	35
-	Other.....	27,114	270,223	297,339	
2,309,955	Totals.....	63,898,270	23,083,720	86,981,990	

TABLE 6. Switching Locomotive-miles, 1963

Name of railway	Type of locomotive	Locomotive-miles - Train switching			Locomotive-miles - Yard switching			Grand total switching locomotive-miles
		Freight	Passenger	Total	Freight	Passenger	Total	
1. Algoma Central and Hudson Bay	Diesel	-	-	-	80,014	1,560	81,574	81,574
5. Canada Southern (Lessee N.Y.C.)	"	28,113	899	29,012	241,513	-	241,513	270,525
6. Canadian National	"	1,770,849	44,620	1,815,469	11,530,904	1,547,886	13,078,790	14,894,259
	Other	-	6	6	41,472	-	41,472	41,478
	Totals	1,770,849	44,626	1,815,475	11,572,376	1,547,886	13,120,262	14,935,737
7. Canadian Pacific	Diesel	1,107,264	9,456	1,116,720	8,457,446	575,601	9,033,047	10,149,767
	Other	-	-	-	-	-	-	-
	Totals	1,107,264	9,456	1,116,720	8,457,446	575,601	9,033,047	10,149,767
8. Cartier	Diesel	35,095	-	35,095	-	-	-	35,095
9. Chesapeake and Ohio (Père Marquette District)	"	4,294	-	4,294	301,048	-	301,048	305,342
10. Cumberland	"	-	-	-	662,443	-	662,443	662,443
12. Essex Terminal	"	65,712	-	65,712	-	-	-	65,712
13. Grand Falls Central	"	-	-	-	45,000	-	45,000	45,000
14. Great Northern	"	10,253	-	10,253	100,720	4,698	105,418	115,671
16. International Bridge and Terminal Co.	"	-	-	-	16,248	-	16,248	16,248
18. London and Port Stanley	Other	-	-	-	15,792	-	15,792	15,792
20. Midland Railway of Manitoba	Diesel	2,550	-	2,550	30,567	-	30,567	33,117
21. Napierville Junction	"	-	-	-	-	-	-	-
22. Northern Alberta	"	39,084	-	39,084	68,638	-	68,638	107,722
23. Ontario Northland	"	37,072	-	37,072	113,942	37,978	151,920	188,992
24. Pacific Great Eastern	"	61,428	-	61,428	139,949	-	139,949	201,377
26. Quebec North Shore and Labrador	"	5,811	-	5,811	660,610	-	660,610	666,421
27. Roberval and Saguenay	"	-	-	-	100,590	-	100,590	100,590
28. St. Lawrence and Adirondack	"	23,276	-	23,276	-	-	-	23,276
30. Toronto, Hamilton and Buffalo	"	-	-	-	222,205	-	222,205	222,205
33. Wabash (in Canada)	"	10,091	-	10,091	-	-	-	10,091
34. White Pass and Yukon Route (lines in Canada).	"	5,472	-	5,472	-	-	-	5,472
35. Totals	Diesel	3,206,364	54,975	3,261,339	22,771,837	2,167,723	24,939,560	28,200,899
	Other	-	6	6	57,264	-	57,264	57,270
	Totals	3,206,364	54,981	3,261,345	22,829,101	2,167,723	24,996,824	28,258,169



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