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RAILWAY TRANSPORT

1957

PART III

(Equipment, Track and Fuel Statistics)



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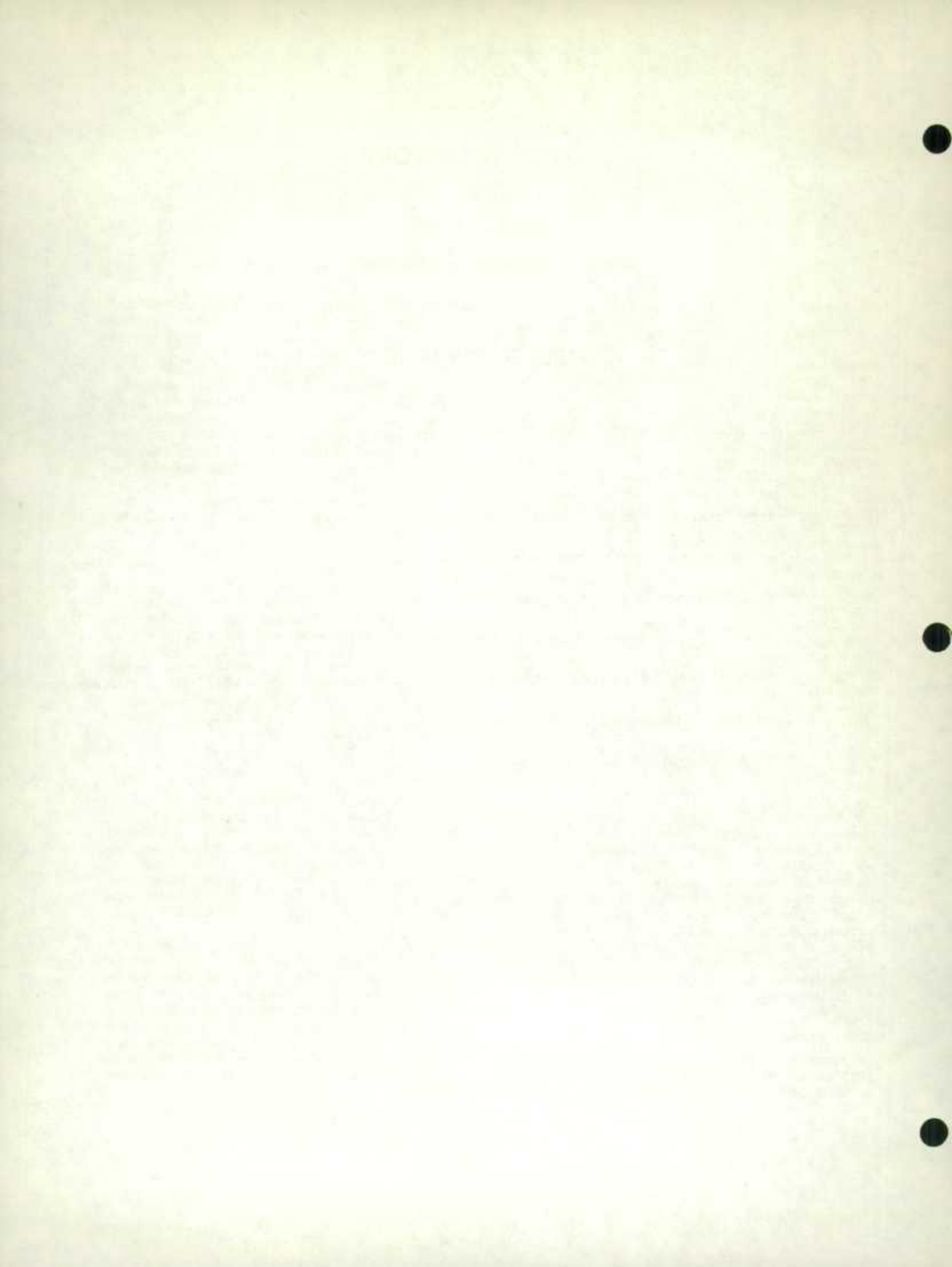
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RAILWAY TRANSPORT

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(Equipment, Track and Fuel Statistics)

Equipment

Railways operating in Canada at the close of 1957 reported a total of 197,907 cars in freight service, having an aggregate capacity of 9,947,018 tons. This represents an increase of 5,933 units or 416,475 tons and is to be accounted for mainly, by an increase in the number of box cars which rose to 121,346 from 118,353. Other types of freight cars with the exception of "stock" were also reported in greater numbers.

The number of passenger cars in operation continued to decline through 1957, dropping to 5,942 from 6,220 in the previous year. While the greatest decrease occurred in the number of coaches, which fell to 1,597 from 1,799, there were also fewer baggage, postal, express, colonist, dining, parlour, sleeping and "other" cars in passenger service. Thirty-nine rail diesel (self-propelled) cars were added to the passenger train fleet during 1957, bringing to 129 the number in service at the year end. An additional 19,586 cars were employed in company service, including 3,312 cabooses, 16,268 work cars and 6 rail motor cars. Thus all equipment in service at December 31, 1957 totalled 223,435 as against 217,583 a year earlier. Cars leased from other roads numbered 4,379 as opposed to 3,554 in 1956 and motor vehicles engaged in railway operations increased to 65 from 57.

Locomotives in service at the close of 1957 numbered 4,821 and these had a combined tractive power amounting to 244,753,961. This compares with 235,831,987 for the 4,790 locomotives in service in 1956. The railway dieselization programme was carried forward during the year with diesel electric units increasing 25.2 per cent in number to 2,372 from 1,895. On the other hand the number of steam locomotives decreased 16.0 per cent to 2,394 from 2,849. There were 55 electric locomotives in service during 1957 in contrast to 46 in the previous year.

Track Mileage

Total track mileage in operation at the end of 1957 amounted to 59,097.0 route miles, a decrease of 732.8 miles from the 59,829.8 reported one year

earlier. Route miles exclude duplications resulting from mileage reported and operated under "trackage rights". The route mileage of first main track, or single track, increased to 43,890.1 from 43,652.1, while second main track mileage declined slightly to 2,470.9 miles from 2,475.9. The British Columbia Electric Railway reporting for the first time, contributed 102.7 miles of first main track mileage to the 1957 total. In all, some 215 miles of new first main track were opened to traffic during 1957 but abandonments and reclassifications reduced the net increase to 140.6 miles. The opening of a new line between Beattyville and Chibougamau added 161.1 miles to Canadian National lines in the province of Quebec.

Rails Laid

A total of 500,501 tons of rail costing \$41,416,327 were laid during 1957 in comparison with 477,184 tons and a cost of \$36,595,603 in 1956. Rail weighing 100 to 105 pounds per yard predominated with 280,123 tons or 56.0 per cent of the total being of this type. New track laid totalled 252,445 tons as against 236,086 in 1956, while 248,056 tons of relay and other were laid compared with 241,098 a year ago.

Fuel Consumed

Consumption of bituminous coal by railway motive equipment fell 40.5 per cent to 3,322,147 tons from 5,587,297, while the amount of diesel oil used rose 23.6 per cent to 263,827,234 gallons from 213,423,841. Consumption of fuel oil dropped to 155,590,345 gallons from 231,192,474, while gasoline, which is used exclusively for rail motor cars, buses and trucks, rose slightly to 105,937 gallons from 98,724.

Of the 263,827,234 gallons of diesel oil and the 155,590,345 gallons of fuel oil consumed by railways operating in Canada during the year, 240,043,154 and 153,322,562 gallons, respectively, were of Canadian origin. Over 70 per cent of the bituminous coal consumed by railways in this country was imported from the United States as only 897,060 tons of the 3,322,147 used originated in Canada.

TABLE 1. Equipment in Service at December 31, 1937

No.	Name of railway	Cars in freight service									
		Automobile cars		Ballast cars		Box cars		Flat cars		Gondola cars	
		Number	Aggregate capacity tons	Number	Aggregate capacity tons	Number	Aggregate capacity tons	Number	Aggregate capacity tons	Number	Aggregate capacity tons
1	Algoma Central and Hudson Bay	—	—	49	2,450	87	4,350	269	11,230	872	53,930
2	Alma and Jonquieres	—	—	—	—	—	—	4	160	—	—
3	British Columbia Electric	—	—	—	—	—	—	—	—	—	—
4	Canada and Gulf Terminal	—	—	—	—	—	—	—	—	—	—
5	Canada Southern (Lessee N.Y.C.)	—	—	—	—	227	11,350	103	5,150	—	—
6	Canadian National	3,905	166,350	2,567	146,715	68,337	3,106,900	6,032	273,100	10,662	667,950
7	Canadian Pacific	2,828	132,080	—	—	50,610	2,413,590	4,424	207,704	7,801	537,942
8	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	—	—	—	—	—	—
9	Cumberland Railway and Coal Co.	—	—	7	350	—	—	6	90	—	—
11	Essex Terminal	—	—	—	—	—	—	5	200	2	80
12	Grand Falls Central	—	—	—	—	107	2,590	82	1,640	—	—
13	Great Northern	—	—	—	—	—	—	—	—	—	—
14	Greater Winnipeg Water District	—	—	—	—	10	300	64	1,920	—	—
18	London and Port Stanley	—	—	—	—	4	160	1	15	—	—
19	Maine Central	—	—	—	—	15	450	—	—	—	—
20	Maritime Coal, Railway and Power Co.	—	—	—	—	1	40	1	20	—	—
21	Midland Railway of Manitoba	—	—	—	—	2	90	—	—	—	—
22	Morrissey, Fernie and Michel	—	—	—	—	1	40	1	20	—	—
23	Napierville Junction	—	—	—	—	—	—	—	—	—	—
24	Northern Alberta	—	—	—	—	—	—	20	760	—	—
25	Ontario Northland	—	—	—	—	1,021	45,945	167	8,360	—	—
27	Pacific Great Eastern	—	—	19	860	75	3,750	408	25,670	134	9,820
29	Quebec North Shore and Labrador	—	—	—	—	63	2,630	116	6,340	26	1,790
30	Roberval and Saguenay	—	—	4	220	83	4,450	7	280	71	3,950
33	Sydney and Louisburg	—	—	—	—	15	675	14	700	5	300
34	Toronto, Hamilton and Buffalo	—	—	—	—	643	31,670	100	5,000	331	22,972
38	White Pass and Yukon Route (lines in Canada)	—	—	—	—	45	1,030	151	3,815	—	—
39	Total	6,733	298,430	2,646	150,595	121,346	5,630,010	11,975	552,174	19,904	1,298,734
40	Canadian National (Canada and U.S.)..	1	—	2,667	—	81,860	—	6,407	—	12,047	—

		Cars in passenger service						
		Self-propelled passenger train cars	Baggage, postal and express	Coach	Colonist	Combination passenger	Dining	Parlour
1	Algoma Central and Hudson Bay	—	—	7	15	—	—	—
2	Alma and Jonquieres	—	—	1	—	—	1	—
3	British Columbia Electric	11	—	—	—	—	—	—
4	Canada and Gulf Terminal	1	—	1	3	—	—	1
5	Canada Southern (Lessee N.Y.C.)	—	—	1	—	—	—	—
6	Canadian National	52	—	1,382	903	100	234	99
7	Canadian Pacific	49	—	953	597	36	93	78
8	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	—	—	—
9	Cumberland Railway and Coal Co.	—	—	—	—	—	2	—
11	Essex Terminal	—	—	—	—	—	—	—
12	Grand Falls Central	—	—	—	—	—	—	—
13	Great Northern	—	—	—	—	—	—	—
14	Greater Winnipeg Water District	2	—	1	4	—	1	—
18	London and Port Stanley	6	—	—	6	—	—	—
19	Maine Central	—	—	—	—	—	—	—
20	Maritime Coal, Railway and Power Co.	—	—	—	—	—	1	—
21	Midland Railway of Manitoba	—	—	—	—	—	—	—
22	Morrissey, Fernie and Michel	—	—	—	4	—	—	—
23	Napierville Junction	—	—	—	—	—	—	—
24	Northern Alberta	—	—	14	5	—	1	—
25	Ontario Northland	—	—	19	25	—	6	4
27	Pacific Great Eastern	8	—	9	16	—	—	1
29	Quebec North Shore and Labrador	—	—	4	6	—	1	1
30	Roberval and Saguenay	—	—	1	1	—	—	—
33	Sydney and Louisburg	—	—	1	3	—	—	—
34	Toronto, Hamilton and Buffalo	—	—	2	5	—	1	—
37	Wabash (in Canada)	—	—	—	—	—	—	—
38	White Pass and Yukon Route (lines in Canada)	—	—	2	4	—	2	16
39	Total	129	—	2,398	1,597	136	343	183
40	Canadian National (Canada and U.S.)..	53	—	1,471	979	100	238	104

1 Included with "Box cars".

TABLE 1. Equipment in Service at December 31, 1957

Cars in freight service														No.
Hopper cars		Ore cars		Refrigerator cars		Stock cars		Tank cars		Other cars		Total cars		
Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	
	tons		tons		tons		tons		tons		tons		tons	
506	28,880	—	—	1	30	—	—	—	—	—	—	1,784	100,870	1
4	280	—	—	—	—	—	—	—	—	—	—	8	440	2
—	—	—	—	—	—	—	—	4	190	—	—	4	190	3
—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
15	870	—	—	—	—	—	—	—	—	—	—	345	17,370	5
5,366	360,010	1,649	104,010	4,992	225,075	2,702	85,080	25	750	1	70	106,238	5,136,010	6
6,337	420,915	1,315	88,225	4,988	210,917	2,329	86,595	290	15,840	—	—	80,922	4,113,808	7
—	—	—	—	—	—	—	—	1	40	—	—	1	40	8
2	100	—	—	—	—	—	—	—	—	—	—	15	540	9
—	—	—	—	—	—	—	—	—	—	—	—	7	280	11
16	440	—	—	—	—	—	—	16	320	—	—	221	4,990	12
—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
—	—	—	—	—	—	—	—	—	—	—	—	74	2,220	14
14	735	—	—	—	—	—	—	—	—	—	—	19	910	18
—	—	—	—	—	—	—	—	—	—	—	—	15	450	19
—	—	—	—	—	—	—	—	—	—	—	—	2	60	20
—	—	—	—	—	—	—	—	—	—	—	—	2	90	21
—	—	—	—	—	—	—	—	—	—	—	—	2	60	22
—	—	—	—	—	—	—	—	—	—	—	—	—	—	23
—	—	—	—	—	—	30	1,200	—	—	—	—	50	1,960	24
100	7,000	—	—	—	—	24	960	—	—	—	—	1,312	62,265	25
54	3,700	—	—	25	1,188	45	1,800	7	350	—	—	767	47,138	27
—	—	3,003	285,285	4	200	—	—	19	950	—	—	3,231	297,195	29
219	15,350	—	—	—	—	—	—	—	—	—	—	384	24,250	30
982	59,600	—	—	—	—	—	—	—	—	—	—	1,016	61,275	33
162	8,700	—	—	—	—	10	400	—	—	—	—	1,246	68,742	34
11	270	—	—	12	290	1	20	22	440	—	—	242	5,865	38
13,788	906,850	5,967	477,520	10,022	437,700	5,141	176,055	384	18,880	1	70	197,907	9,947,018	39
6,617	—	1,649	—	5,211	—	2,765	—	25	—	1	—	119,149	—	40

Cars in passenger service			Cars in company service				Total cars in service	Cars leased	Motor vehicles in railway service	Other	
Sleeping	Other cars in passenger service	Total	Motor	Caboose	Work	Total					
—	5	27	—	19	70	89	1,900	—	—	—	1
—	—	2	—	1	—	1	11	—	—	—	2
—	—	11	4	9	36	49	64	—	6	—	3
—	—	6	—	—	—	—	6	—	—	—	4
—	—	1	—	52	106	158	504	—	—	—	5
391	88	3,342	1	1,637	8,665	10,303	119,883	—	—	—	6
475	3	2,339	—	1,356	6,146	7,502	90,763	—	—	—	7
—	—	—	—	25	75	100	101	—	—	—	8
—	—	2	—	2	2	4	21	1	—	—	9
—	—	—	—	3	18	21	28	—	2	—	11
—	—	—	—	2	—	2	223	—	—	—	12
—	—	—	—	—	8	8	8	—	—	—	13
—	—	8	—	6	75	81	163	—	2	—	14
—	—	12	—	2	2	4	35	—	—	—	18
—	—	—	—	—	—	—	15	—	—	—	19
—	—	1	—	1	2	3	6	—	—	—	20
—	—	—	—	1	1	2	4	—	—	—	21
—	—	4	—	—	1	1	7	—	—	—	22
—	—	—	—	3	—	3	3	—	—	—	23
7	3	30	—	23	219	242	322	—	1	—	24
—	2	58	—	38	244	282	1,652	—	35	—	25
6	5	45	—	40	118	158	970	—	—	—	27
—	1	13	1	27	406	434	3,678	3,678	—	—	29
—	—	2	—	3	—	3	389	—	—	—	30
—	3	7	—	10	11	21	1,044	700	—	—	33
—	—	8	—	12	58	70	1,324	—	19	—	34
—	—	—	—	38	5	43	43	—	—	—	37
—	—	24	—	2	—	2	268	—	—	—	38
879	110	5,942	6	3,312	16,268	19,586	223,435	4,379	65	1	39
452	81	3,572	—	1,853	9,676	11,529	134,250	—	—	—	40

TABLE 1. Equipment in Service at December 31, 1957 — Concluded

No.	Name of railway	Motive power							
		Steam locomotives				Diesel electric units			
		Coal burning		Oil burning		"A" units		"B" units	
		Number	Tractive power	Number	Tractive power	Number	Tractive power	Number	Tractive power
1	Algoma Central and Hudson Bay	—	—	—	—	—	—	—	—
2	Alma and Jonquieres	—	—	—	—	2	138,000	—	—
3	British Columbia Electric	—	—	—	—	—	—	—	—
4	Canada and Gulf Terminal	—	—	—	—	2	98,300	—	—
5	Canada Southern (Lessee N.Y.C.)	—	—	—	—	22	1,397,250	—	—
6	Canadian National	1,014	46,953,671	325	14,559,245	159	9,782,000	80	4,943,000
7	Canadian Pacific	788	31,834,000	184	8,437,000	118	7,490,000	81	5,122,000
8	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	15	917,528	—	—
9	Cumberland Railway and Coal Co.	5	210,200	—	—	—	—	—	—
11	Essex Terminal	2	63,600	—	—	5	315,000	—	—
12	Grand Falls Central	—	—	5	121,300	—	—	—	—
13	Great Northern	—	—	—	—	3	186,285	—	—
14	Greater Winnipeg Water District	—	—	—	—	3	79,200	—	—
15	Hudson Bay	8	304,000	—	—	—	—	—	—
18	London and Port Stanley	—	—	—	—	—	—	—	—
19	Maine Central	—	—	—	—	1	49,675	—	—
20	Maritime Coal, Railway and Power Co.	3	77,466	—	—	—	—	—	—
21	Midland Railway of Manitoba	—	—	—	—	—	—	—	—
22	Morrissey, Fernie and Michel	—	—	—	—	1	59,700	—	—
23	Napierville Junction	—	—	—	—	2	120,000	—	—
24	Northern Alberta	—	—	14	631,000	—	—	—	—
25	Ontario Northland	—	—	—	—	22	1,419,000	—	—
27	Pacific Great Eastern	—	—	—	—	—	—	—	—
29	Quebec North Shore and Labrador	—	—	2	64,000	—	—	—	—
30	Roberval and Saguenay	3	130,000	—	—	6	235,500	—	—
32	Shawinigan Falls Terminal	—	—	—	—	2	125,000	—	—
33	Sydney and Louisburg	32	1,433,800	—	—	—	—	—	—
34	Toronto, Hamilton and Buffalo	2	82,820	—	—	18	1,107,407	—	—
37	Wabash (in Canada)	—	—	—	—	28	1,892,490	—	—
38	White Pass and Yukon Route (lines in Canada)	—	—	7	140,400	5	120,000	—	—
39	Total	1,857	81,089,557	537	23,952,945	414	25,532,335	161	10,065,000
40	Canadian National (Canada and U.S.)	1,444	—	1	—	261	—	2	—

¹ Included with "Coal burning" locomotives.² Included with "A" units.

TABLE 2. Mileage Operated at December 31, 1957

No.	Name of railway	First main track						
		Line owned and line of proprietary companies	Under lease or contract	Joint track	Route miles (1+2+3)	Under trackage rights	Total miles of road operated (4+5)	Average miles of road operated during 1957
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Algoma Central and Hudson Bay	320.8	—	—	320.8	1.0	321.8	321.8
2	Alma and Jonquieres	10.6	—	—	10.6	—	10.6	10.6
3	British Columbia Electric	76.9	25.8	—	102.7	0.9	103.6	103.6
4	Canada and Gulf Terminal	36.2	—	—	36.2	—	36.2	36.2
5	Canada Southern (Lessee N.Y.C.)	364.1	1.6	—	365.7	0.4	366.1	366.1
6	Canadian National	22,528.0	66.8	28.1	22,622.9 ¹	195.4	22,818.3 ¹	22,602.8
7	Canadian Pacific	11,864.0	4,785.1	28.1	16,677.2 ¹	419.3	17,096.5 ¹	17,110.6
8	Chesapeake and Ohio (Pere Marquette District)	198.8	—	—	198.8	140.1	338.9	338.7
9	Cumberland Railway and Coal Co.	31.3	—	—	31.3	—	31.3	31.3
11	Essex Terminal	21.3	—	—	21.3	—	21.3	21.3
12	Grand Falls Central	—	23.1	—	23.1	—	23.1	23.1
13	Great Northern	123.2	—	—	123.2	7.0	130.2	130.2
14	Greater Winnipeg Water District	92.0	—	—	92.0	—	92.0	92.0
15	Hudson Bay	510.2	—	—	510.2	—	510.2	510.2
16	International Bridge and Terminal	1.1	—	—	1.1	—	1.1	1.1
18	London and Port Stanley	24.5	—	—	24.5	—	24.5	24.5
19	Maine Central	5.1	—	—	5.1	—	5.1	5.1
20	Maritime Coal, Railway and Power Co.	12.2	—	—	12.2	—	12.2	12.2
21	Midland Railway of Manitoba	5.7	—	—	5.7	69.8	75.5	75.5
22	Morrissey, Fernie and Michel	3.6	—	—	3.6	—	3.6	3.6
23	Napierville Junction	27.1	—	—	27.1	14.6	41.7	41.7
24	Northern Alberta	923.0	—	—	923.0	4.9	927.9	927.9
25	Ontario Northland	506.3	60.0	—	566.3	—	566.3	566.3
26	Ottawa and New York	57.3	—	—	57.3	0.7	58.0	58.0
27	Pacific Great Eastern	465.9	—	—	465.9	—	465.9	465.9
29	Quebec North Shore and Labrador	356.1	—	—	356.1	2.2	358.3	357.0
30	Roberval and Saguenay	29.0	—	—	29.0	—	29.0	29.0
31	St. Lawrence and Adirondack	33.2	13.3	—	46.5	14.4	60.9	60.9
32	Shawinigan Falls Terminal	—	—	—	—	—	—	—
33	Sydney and Louisburg	60.1	1.2	—	61.3	—	61.3	61.3
34	Toronto, Hamilton and Buffalo	103.6	—	—	103.6	7.4	111.0	111.0
35	Toronto Terminals	3.2	—	—	3.2	—	3.2	3.2
36	Van Buren Bridge Co.	0.4	—	—	0.4	—	0.4	0.4
37	Wabash (in Canada)	—	—	—	—	245.4	245.4	245.4
38	White Pass and Yukon Route (lines in Canada)	90.3	—	—	90.3	—	90.3	90.3
39	Total	38,885.1	4,976.9	28.1	43,890.1¹	1,123.5	45,013.6¹	44,838.8
40	Canadian National (Canada and U.S.)	23,931.0	249.0	28.1	24,180.0	317.0	24,497.0	24,282.1

¹ Includes 28.1 miles of joint track.² Includes 1.9 miles of joint track.³ Includes 1.7 miles of joint track.

TABLE 1. Equipment in Service at December 31, 1957 - Concluded

Motive power												No.
Diesel electric units				Electric locomotives		Total		Leased		Number added during year	Number retired during year	
Road switcher units		Yard switcher units										
Number	Tractive power	Number	Tractive power	Number	Tractive power	Number	Tractive power	Number	Tractive power			
21	1,312,483	2	115,017	--	--	23	1,427,500	--	--	--	--	1
--	--	--	--	--	--	2	138,000	--	--	--	--	2
9	425,000	--	--	9	225,000	18	650,000	--	--	2	--	3
--	--	--	--	--	--	2	98,300	--	--	--	--	4
--	--	--	--	--	--	22	1,397,250	--	--	--	12	5
642	36,135,000	349	19,840,000	33	778,000	2,602	132,990,916	30	1,273,583	288	210	6
384	25,219,750	239	12,935,925	10	356,940	1,804	91,395,615	--	--	155	234	7
--	--	--	--	--	--	15	917,528	--	--	--	--	8
--	--	--	--	--	--	5	210,200	--	--	--	1	9
--	--	--	--	--	--	7	378,600	--	--	--	--	11
--	--	--	--	--	--	5	121,300	5	121,300	4	5	12
--	--	--	--	--	--	3	186,285	--	--	--	--	13
--	--	--	--	--	--	3	79,200	--	--	--	--	14
--	--	--	--	--	--	8	304,000	8	304,000	2	--	15
2	--	--	--	3	--	5	--	--	--	1	--	18
--	--	--	--	--	--	1	49,675	--	--	--	--	19
--	--	--	--	--	--	3	77,466	--	--	--	--	20
1	62,605	1	55,480	--	--	2	118,085	--	--	--	1	21
--	--	--	--	--	--	1	59,700	--	--	--	--	22
--	--	--	--	--	--	2	120,000	--	--	--	--	23
5	240,000	--	--	--	--	19	871,000	--	--	5	1	24
22	1,046,700	4	230,000	--	--	48	2,695,700	--	--	6	8	25
34	1,928,224	--	--	--	--	34	1,928,224	--	--	--	--	27
74	2,886,000	4	156,000	--	--	80	3,106,000	--	--	6	--	29
--	--	--	--	--	--	9	365,500	--	--	--	--	30
--	--	--	--	--	--	2	125,000	--	--	--	--	32
--	--	--	--	--	--	32	1,433,800	--	--	3	2	33
--	--	--	--	--	--	20	1,190,227	--	--	--	--	34
--	--	3	145,800	--	--	31	2,038,290	--	--	--	--	37
--	--	1	20,200	--	--	13	280,600	--	--	--	--	38
1,194	69,255,762	603	33,498,422	55	1,359,940	4,821	244,753,961	43	1,698,883	484	477	39
742	--	430	--	33	--	2,910	--	--	--	330	263	40

.. Not available.

TABLE 2. Mileage Operated at December 31, 1957

Second main track		Industrial track		Yard tracks and sidings		All tracks		No.
Total	Route miles (total excluding trackage rights)	Total	Route miles (total excluding trackage rights)	Total	Route miles (total excluding trackage rights)	Total	Route miles (total excluding trackage rights)	
--	--	21.7	21.7	73.4	73.4	416.9	415.9	1
--	--	--	--	4.6	4.0	15.2	14.6	2
--	--	--	--	51.3	51.3	154.9	154.0	3
--	--	--	--	2.6	2.6	38.8	38.8	4
243.0	243.0	28.4	28.4	155.6	155.6	793.1	792.7	5
922.8 ²	884.7 ²	1,397.1	134.8	5,949.3	5,808.3	31,087.5	29,450.1	6
1,406.5 ²	1,315.7 ²	920.5	844.6	4,826.2	4,637.1	24,249.7	23,474.6	7
139.4	--	20.3	20.3	100.2	65.9	598.8	285.0	8
--	--	--	--	18.0	18.0	49.3	49.3	9
2.6	2.6	6.3	6.3	18.2	18.2	48.4	48.4	11
--	--	--	--	26.9	26.9	50.0	50.0	12
7.1	7.1	8.3	8.3	27.2	25.3	172.8	163.9	13
--	--	--	--	18.0	18.0	110.0	110.0	14
--	--	4.1	4.1	68.8	68.8	583.1	583.1	15
--	--	--	--	--	--	1.1	1.1	16
2.2	2.2	--	--	21.4	21.4	48.1	48.1	18
--	--	--	--	--	--	5.1	5.1	19
--	--	--	--	2.5	2.5	14.7	14.7	20
2.4	--	2.3	2.3	22.2	6.6	102.4	14.6	21
--	--	--	--	2.7	2.7	6.3	6.3	22
16.6	--	0.2	0.2	23.9	5.2	82.4	32.5	23
--	--	23.6	23.6	119.0	119.0	1,070.5	1,065.6	24
--	--	38.4	38.4	113.7	113.7	718.4	718.4	25
--	--	--	--	5.4	5.4	63.4	62.7	26
--	--	16.6	16.6	84.7	84.7	567.2	567.2	27
--	--	0.8	0.8	66.5	41.8	425.6	398.7	29
--	--	1.0	1.0	10.7	10.7	40.7	40.7	30
14.4	--	1.1	1.1	7.2	7.2	83.6	54.8	31
4.5	--	--	--	11.4	0.1	15.9	0.1	32
--	--	--	--	43.5	43.5	104.8	104.8	33
7.9	6.3	55.4	54.0	84.8	69.1	259.1	233.0	34
9.9	9.9	1.6	1.6	16.3	16.3	31.0	31.0	35
--	--	--	--	0.3	0.3	0.7	0.7	36
96.7	--	--	--	213.7	--	555.8	--	37
--	--	--	--	4.4	4.4	94.7	94.7	38
2,876.0	2,470.9	2,547.7 ¹	1,208.1 ¹	12,194.0 ¹	11,528.0 ¹	62,631.0 ¹	59,097.0 ¹	39
1,270.0	--	--	--	8,484.0	--	34,251.0	--	40

¹ Includes 13.6 miles of joint track.² Includes 45.3 miles of joint track.

.. Not available.

TABLE 3. First main track Mileage at December 31, 1957—by Area

No.	Name of railway	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
1	Algoma Central and Hudson Bay	—	—	—	—	—	320.8	—
2	Alma and Jonquieres	—	—	—	—	10.6	—	—
3	British Columbia Electric	—	—	—	—	—	—	—
4	Canada and Gulf Terminal	—	—	—	—	36.2	—	—
5	Canada Southern (Lessee N.Y.C.)	—	—	—	—	—	365.7	—
6	Canadian National	705.5	284.8	977.3	1,254.5	3,186.8	5,529.2 ¹	2,635.9
7	Canadian Pacific	—	—	287.9	557.7	1,582.6	3,351.3 ²	1,760.8
8	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	—	198.8	—
9	Cumberland Railway and Coal Co.	—	—	31.3	—	—	—	—
11	Essex Terminal	—	—	—	—	—	21.3	—
12	Grand Falls Central	23.1	—	—	—	—	—	—
13	Great Northern	—	—	—	—	—	—	—
14	Greater Winnipeg Water District	—	—	—	—	—	—	92.0
15	Hudson Bay	—	—	—	—	—	—	510.2
16	International Bridge and Terminal	—	—	—	—	—	1.1	—
18	London and Port Stanley	—	—	—	—	—	24.5	—
19	Maine Central	—	—	—	5.1	—	—	—
20	Maritime Coal, Railway and Power Co.	—	—	12.2	—	—	—	—
21	Midland Railway of Manitoba	—	—	—	—	—	—	5.7
22	Morrissey, Fernie and Michel	—	—	—	—	—	—	—
23	Napierville Junction	—	—	—	—	27.1	—	—
24	Northern Alberta	—	—	—	—	—	—	—
25	Ontario Northland	—	—	—	—	27.7	538.6	—
26	Ottawa and New York	—	—	—	—	—	57.3	—
27	Pacific Great Eastern	—	—	—	—	—	—	—
29	Quebec North Shore and Labrador	206.0	—	—	—	150.1	—	—
30	Roberval and Saguenay	—	—	—	—	29.0	—	—
31	St. Lawrence and Adirondack	—	—	—	—	46.5	—	—
33	Sydney and Louisburg	—	—	61.3	—	—	—	—
34	Toronto, Hamilton and Buffalo	—	—	—	—	—	103.6	—
35	Toronto Terminals	—	—	—	—	—	3.2	—
36	Van Buren Bridge Co.	—	—	—	0.4	—	—	—
38	White Pass and Yukon Route (lines in Canada)	—	—	—	—	—	—	—
39	Total	934.6	284.8	1,370.0	1,817.7	5,096.6	10,513.5	5,004.6
		Saskatchewan	Alberta	British Columbia	Yukon	United States	Total route miles (track and rights excluded)	
1	Algoma Central and Hudson Bay	—	—	—	—	—	320.8	
2	Alma and Jonquieres	—	—	—	—	—	10.6	
3	British Columbia Electric	—	—	102.7	—	—	102.7	
4	Canada and Gulf Terminal	—	—	—	—	—	36.2	
5	Canada Southern (Lessee N.Y.C.)	—	—	—	—	—	365.7	
6	Canadian National	4,410.0	2,153.6 ²	1,413.5	—	71.8	22,622.9 ³	
7	Canadian Pacific	4,310.9	2,656.5 ²	1,902.2	—	267.3	16,677.2 ³	
8	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	—	198.8	
9	Cumberland Railway and Coal Co.	—	—	—	—	—	31.3	
11	Essex Terminal	—	—	—	—	—	21.3	
12	Grand Falls Central	—	—	—	—	—	23.1	
13	Great Northern	—	—	123.2	—	—	123.2	
14	Greater Winnipeg Water District	—	—	—	—	—	92.0	
15	Hudson Bay	—	—	—	—	—	510.2	
16	International Bridge and Terminal	—	—	—	—	—	1.1	
18	London and Port Stanley	—	—	—	—	—	24.5	
19	Maine Central	—	—	—	—	—	5.1	
20	Maritime Coal, Railway and Power Co.	—	—	—	—	—	12.2	
21	Midland Railway of Manitoba	—	—	—	—	—	5.7	
22	Morrissey, Fernie and Michel	—	—	3.6	—	—	3.6	
23	Napierville Junction	—	—	—	—	—	27.1	
24	Northern Alberta	—	896.1	26.9	—	—	923.0	
25	Ontario Northland	—	—	—	—	—	566.3	
26	Ottawa and New York	—	—	—	—	—	57.3	
27	Pacific Great Eastern	—	—	465.9	—	—	465.9	
29	Quebec North Shore and Labrador	—	—	—	—	—	356.1	
30	Roberval and Saguenay	—	—	—	—	—	29.0	
31	St. Lawrence and Adirondack	—	—	—	—	—	46.5	
33	Sydney and Louisburg	—	—	—	—	—	61.3	
34	Toronto, Hamilton and Buffalo	—	—	—	—	—	103.6	
35	Toronto Terminals	—	—	—	—	—	3.2	
36	Van Buren Bridge Co.	—	—	—	—	—	0.4	
38	White Pass and Yukon Route (lines in Canada)	—	—	32.6	—	57.7	90.3	
39	Total	8,720.9	5,680.0	4,070.6	57.7	339.1	43,890.1	

¹ Includes 1.9 miles of joint track.² Includes 26.2 miles of joint track.³ Includes 28.1 miles of joint track.

TABLE 4. Changes in First Main Track Mileage, 1957

Name of railway and termini between which changes occurred	Mileage Increase + Decrease -	Details
Canadian National Railways:		
Linwood Jct. to Mulgrave, N.S.	- 12.60	Reclassified
New Glasgow to Mile 3.0 Scotia Sub., N.S.	- 3.00	Reclassified
New Glasgow to Thorburn, N.S.	- 5.80	Reclassified
National Jct. to Pembroke, Ont.	- 0.90	Reclassified
Marieville to Ste. Angele, Que.	- 3.50	Abandonment
Bartibog to Heath Steele, N.B.	+ 23.20	New line opened for traffic
Beattyville to Chibougamau, Que.	+161.10	New line opened for traffic
Sipiwesik to Thompson, Man.	+ 31.10	New line opened for traffic
Manouan Sub - Mile 2.22 to mile 10.90, Que.	+ 0.50	Relocation of line
Cornwall to Cardinal, Que.	+ 0.60	Relocation of line
Canadian Pacific Railway:		
Montreal Terminal Subdivision, Que.	+ 0.10	New line opened for traffic
Sherbrooke to Walsh, Que.	- 0.30	Relocation of line
Mile 46.1 to Bonny River Wye, N.B.	- 4.10	Abandonment
Vallee Jct. to Lac Frontiere, Que.	- 0.30	Abandonment
Wingham Jct. to Wingham, Ont.	- 1.00	Abandonment
Walkerton to Saugeen, Ont.	- 0.50	Abandonment
Kaslo to Denver Canyon, B.C.	- 30.20	Abandonment
Parapet to Sandon, B.C.	- 3.20	Abandonment
Princeton to Copper Mountain, B.C.	- 13.60	Abandonment
Canadian National Railway in Saint John, N.B.	+ 1.00	Correction of records
Manitouwadge to Geco, Ont.	+ 0.10	Correction of records
Exon to Assiniboia, Sask.	+ 0.10	Correction of records
Calgary to Red Deer, Alta.	- 0.10	Correction of records
Mattawankeag Me. to Vanceboro Me., U.S.A.	- 0.10	Remeasurement
Sherbrooke to Walsh, Que.	- 0.30	Remeasurement
Tring Jct. to Megantic, Que.	- 0.70	Remeasurement
Mc. Millan to Midland Dock, Ont.	+ 4.40	Reclassified
Lac du Bonnet to Molson, Que.	- 0.90	Reclassified
Lac du Bonnet to Great Falls, Que.	+ 0.30	Reclassified
Canada Southern Railway:		
Petrolia Jct. - Petrolia, Ont.	- 0.80	Remeasurement
Ontario Northland Railway:		
Swastika Jct. to Noranda, Ont.	+ 0.20	Remeasurement
Pacific Great Eastern Railway:		
North Vancouver to Prince George, B.C.	- 0.20	Not specified
Summary		
Gross increases:		
Remeasurement	0.20	
New lines opened for traffic	215.50	
Reclassified	4.70	
Relocation	1.10	
Correction of records	1.20	
Total	222.70	
Gross decreases:		
Remeasurement	1.90	
Abandonment	56.40	
Reclassified	23.20	
Relocation	0.30	
Correction of records	0.10	
Not specified	0.20	
Total	82.10	
Net change	+140.60	
Provinces		
Nova Scotia		- 21.40
New Brunswick		+ 20.10
Quebec		+156.60
Ontario		+ 1.50
Manitoba		+ 31.10
Saskatchewan		+ 0.10
Alberta		- 0.10
British Columbia		- 47.20
U.S.A.		- 0.10
Net change		+140.60

TABLE 5. Railway Track Mileage under Construction at December 31, 1957

Location	Under contract	Completed but not opened	Total	First main track opened for traffic during 1957
Newfoundland	—	—	—	—
Prince Edward Island	—	—	—	—
Nova Scotia	—	—	—	—
New Brunswick	—	—	—	23.2
Quebec	113.1	20.2	133.3	161.2
Ontario	—	—	—	—
Manitoba	—	—	—	31.1
Saskatchewan	91.8	29.7	121.5	—
Alberta	35.4	—	35.4	—
British Columbia	193.0	132.0	325.0	—
United States	—	—	—	—
Total	433.3	181.9	615.2	215.5

TABLE 6. Rails Laid in Track — Year 1957

Weight per yard	New		Relay and other		Total tons laid	Total cost
	Tons	Cost	Tons	Cost		
		\$		\$		\$
60 lbs. and under 70 lbs.	—	—	2,208	120,261	2,208	120,261
70 " " " 75 "	—	—	2,077	79,643	2,077	79,643
75 " " " 80 "	—	—	431 ¹	17,299 ¹	431 ¹	17,299 ²
80 " " " 85 "	7	869	4,469 ²	265,149 ²	4,476 ²	266,018 ²
85 " " " 90 "	26,744	3,726,039	23,492	1,042,267	50,236	4,768,306
90 " " " 95 "	20	2,119	1,994	67,246	2,014	69,365
95 " " " 100 "	14,334 ³	1,739,428 ³	56,801 ³	2,440,078 ³	71,135 ³	4,179,506 ³
100 " " " 105 "	138,311	16,429,561	141,812	6,227,083	280,123	22,656,644
105 " " " 110 "	489	66,272	1,287	53,030	1,776	119,302
110 "	—	—	1,564	34,980	1,564	34,980
112 "	—	—	—	—	—	—
115 "	37,319	4,434,003	434	20,894	37,753	4,454,897
127 "	—	—	540	35,540	540	35,540
130 "	9,475	1,130,038	10,167	428,530	19,642	1,558,568
131 "	—	—	641	17,312	641	17,312
132 "	25,746	3,032,466	139	6,220	25,885	3,038,686
Total	252,445	30,560,795	248,056	10,855,532	500,501	41,416,327

¹ Includes 428 tons "relay rails" not distributed as to weight per yard.

² Includes 221 tons "relay rails" not distributed as to weight per yard.

³ Under 100 pounds per yard. Not distributed.

TABLE 7. Fuel Consumed by Locomotives and Rail Motor Cars, Etc. — Year 1957

	Bituminous coal	Diesel oil	Fuel oil	Gasoline
	tons		gallons	
Locomotives:				
Transportation service:				
Freight	2,168,245	175,157,941	97,140,556	—
Passenger	797,596	59,641,686	37,580,492	—
Switching	349,359	23,086,234	11,963,216	—
Work train service	96,947	3,058,376	8,906,061	—
Total	3,322,147	260,944,237	155,590,345	—
Rail motor cars, etc.:				
Rail motor cars	—	2,882,997	—	104,761
Other	—	—	—	1,176
Grand total	3,322,147	263,827,234	155,590,345	105,937
Total cost (Grand total \$79,720,196)	\$	33,148,990	37,117,021	9,425,022
				29,163

TABLE 8. Origin of Fuel Consumed by Locomotives, Rail Cars etc., by Provinces, 1957

Delivered to fueling stations in	Bituminous coal	Diesel oil	Fuel oil	Gasoline
	tons		gallons	
Canadian fuel:				
Newfoundland	—	8,645,019	143,920	—
Prince Edward Island	—	517,796	—	—
Nova Scotia	144,832	7,263,334	—	—
New Brunswick	141,158	12,265,590	—	—
Quebec	38,090	39,615,141	—	2,836
Ontario	144,799	89,591,302	3,232,137	1,780
Manitoba	120,711	13,875,675	24,958,399	700
Saskatchewan	237,061	14,764,910	39,246,919	—
Alberta	70,023	25,565,398	55,490,985	—
British Columbia	386	27,938,989	30,250,202	—
Yukon	—	—	—	—
United States	—	—	—	—
Total	887,060	240,043,154	153,322,562	5,316
Imported fuel:				
Newfoundland	—	—	767,970	—
Prince Edward Island	—	—	—	—
Nova Scotia	—	—	—	—
New Brunswick	45,738	7,844	—	67,551
Quebec	687,554	—	—	—
Ontario	1,610,625	14,312,636	—	33,070
Manitoba	52,366	383,879	—	—
Saskatchewan	2,998	—	—	—
Alberta	—	—	—	—
British Columbia	—	7,006,040	1,466,528	—
Yukon	—	51,484	33,285	—
United States	25,786	2,022,197	—	—
Total	2,425,087	23,784,080	2,267,783	100,621
Grand total	3,322,147	263,827,234	155,590,345	105,937



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