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CANADA

# RAILWAY TRANSPORT

## 1954

### PART III

(Equipment Way and Track and Fuel Consumption Statistics)

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\* Once each month the carloading report contains tables giving "Indexes and Cars of Revenue Freight Loadings". This information was issued as a separate monthly report until February, 1951.

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# RAILWAY TRANSPORT

1954

## PART III

### (Equipment, Way and Track and Fuel Consumption Statistics)

This report is the third of five parts to be released under the title "Railway Transport, 1954". Parts 2 and 5 have previously been published and parts 1 and 4 will follow as compilation of the data is completed.

#### Equipment:

Cars in freight service numbered 189,351 at December 31, 1954, up 7.3 p.c. from 187,980 one year earlier. This equipment had an aggregate capacity of 9,106,331 tons versus 8,934,010 at the end of 1953. Box cars in service dropped 983 in number to 118,770 but the coal cars group (ballast, gondola, hopper and ore) was increased 2,288 to 35,398.

Cars in passenger service totalled 6,648, up 3.0 p.c. from the 6,456 reported in 1953 due mainly to the addition of 69 coaches and 155 sleeping cars. Some 303 work cars were added to the railway's fleet bringing the total in company's service, including cabooses and motor cars to 19,023 as against 18,725. Cars leased from other railways remained unchanged at 703. There were 13 buses and 22 motor trucks in the railway's service at the end of the year.

Locomotives in service at December 31, 1954 totalled 4,771, down 47 units from 4,818, their aggregate tractive power amounting to 203,351,739 versus 205,926,606. Of interest is the continuing dieselization of the railways; coal burning steam locomotives dropped by 291 units to 2,871; oil burning steam locomotives (mostly converted from coal burning) rose by 48 to 715; diesel electric, "A" units rose by 174 to 1,022; and "B" units increased by 22 to 130. During the year a total of 283 locomotives were added while 330 were retired.

#### Track Mileage:

Track mileage recorded in Table 2 amounted to 58,760.4 route miles at the end of 1954 compared with 58,694.7 route miles one year earlier. Route

miles exclude the duplication resulting from mileage reported and operated by railways under "trackage rights". First main track or "single track" mileage dropped 30.8 miles to 43,132.0 but "yard tracks and sidings" rose 93.8 miles to 10,962.4. Table 3 shows a provincial distribution of single track mileage, the most important changes being decreases of 12.0 miles in Saskatchewan, 9.2 miles in Alberta, and 7.4 miles in Ontario. Table 4 lists changes in single track mileage for the year 1954 during which period a total of 1.80 miles of new lines were opened for operation. It will be noted that this table does not account for changes for other classes viz. "second main track", "industrial track" and "yard tracks and sidings".

#### Rails Laid:

During the year some 442,950 tons of tracks worth \$30,344,128 were laid in track and compares with 475,915 tons at a cost of \$27,277,156 for 1953. Rail having a weight of 100-105 lbs. per yard continued to be used in quantity with 229,731 tons or 51.9 p.c. of the tonnage of all rails laid during 1954. New rails laid totalled 225,498 tons as against 209,481 in 1953 while relay and other rails totalled 217,452 tons versus 266,434.

#### Fuel Consumption:

With fewer coal burning steam locomotives in service, consumption of bituminous coal fell to 6,502,995 tons, down 21.9 p.c. from 8,322,696. The use of wood for locomotive has virtually ceased, dropping to 100 cords from 984 in 1953. Diesel oil consumed rose 25.3 p.c. to 119,656,856 gallons from 95,508,344; fuel oil, on the other hand, dropped to 206,920,583 gallons from 212,645,242; and, gasoline declined to 146,766 gallons from 189,729. A provincial distribution of fuel consumed appears in Table 8 and shows that of the 119,656,856 gallons of diesel oil, 105,934,427 gallons originated in Canada, and of the 206,920,583 gallons of fuel oil, 196,661,509 gallons was of Canadian origin.

## RAILWAY TRANSPORT

TABLE 1. Equipment in Service at December 31, 1954

No.	Name of railway	Cars in freight service									
		Automobile cars		Ballast cars		Box cars		Flat cars		Gondola cars	
		Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity	Number	Aggregate capacity
	tons		tons		tons		tons		tons		
1	Algoma Central and Hudson Bay	—	—	49	2,450	89	4,450	278	11,610	773	42,970
2	Alma and Jonquieres	—	—	—	—	—	—	4	160	—	—
3	British Yukon	—	—	—	—	64	1,415	160	3,887	—	—
4	Canada and Gulf Terminal	—	—	—	—	—	—	—	—	—	—
5	Canada Southern (Lessee N.Y.C.)	—	—	—	—	266	13,300	139	6,950	—	—
6	Canadian National	4,136	165,120	2,117	111,405	65,750	2,941,650	6,012	268,950	10,389	644,190
7	Canadian Pacific	3,303	145,270	—	—	50,219	2,329,830	4,579	204,899	6,985	478,783
9	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	323	12,920	—	—	—	—
10	Cumberland Railway and Coal Co.	—	—	7	350	—	—	6	90	—	—
11	Essex Terminal	—	—	37	1,480	—	—	6	240	2	80
12	Great Northern	—	—	—	—	—	—	3	140	—	—
13	Greater Winnipeg Water District	—	—	2	30	13	195	72	1,080	—	—
15	Maine Central	—	—	—	—	15	450	6	180	—	—
16	Maritime Coal, Railway and Power Co.	—	—	—	—	—	—	1	20	—	—
17	Midland Railway of Manitoba	—	—	—	—	—	—	2	90	—	—
18	Morrissey, Fernie and Michel	—	—	—	—	1	40	1	20	—	—
19	Napierville Junction	—	—	—	—	—	—	—	—	—	—
20	Northern Alberta	—	—	—	—	—	—	21	800	—	—
21	Ontario Northland	—	—	—	—	1,040	46,800	170	10,630	—	—
23	Pacific Great Eastern	—	—	29	1,160	75	3,750	192	9,217	51	3,275
24	Roberval and Saguenay	—	—	4	200	125	5,837	13	600	65	3,250
25	St. Lawrence and Adirondack	—	—	—	—	—	—	—	—	—	—
26	Sydney and Louisburg	—	—	—	—	15	675	17	820	20	1,200
27	Thousand Islands	—	—	—	—	—	—	—	—	—	—
28	Toronto, Hamilton and Buffalo	—	—	—	—	775	37,000	100	5,000	184	12,580
30	Wabash (in Canada)	—	—	—	—	—	—	—	—	—	—
31	<b>Total</b>	<b>7,439</b>	<b>310,390</b>	<b>2,245</b>	<b>117,075</b>	<b>118,770</b>	<b>5,398,312</b>	<b>11,782</b>	<b>525,383</b>	<b>18,469</b>	<b>1,186,328</b>
32	Canadian National (Canada and U.S.)	1	—	2,217	—	79,449	—	6,300	—	11,838	—
		Cars in passenger service									
		Motor unit passenger	Baggage, postal and express	Coach	Colonist	Combination passenger	Dining	Parlor			
1	Algoma Central and Hudson Bay	—	7	15	—	—	—	—	—		
2	Alma and Jonquieres	—	1	—	—	1	—	—	—		
3	British Yukon	—	2	4	—	2	—	—	18		
4	Canada and Gulf Terminal	1	1	2	—	3	—	—	—		
5	Canada Southern (Lessee N.Y.C.)	—	1	—	—	—	—	—	—		
6	Canadian National	43	1,313	1,072	158	228	100	—	93		
7	Canadian Pacific	15	1,044	975	96	75	86	—	61		
9	Chesapeake and Ohio (Pere Marquette District)	—	—	—	—	—	—	—	—		
10	Cumberland Railway and Coal Co.	—	—	—	—	2	—	—	—		
11	Essex Terminal	—	—	—	—	—	—	—	—		
12	Great Northern	—	—	—	—	—	—	—	—		
13	Greater Winnipeg Water District	2	1	3	—	1	—	—	—		
14	Hudson Bay	—	—	—	—	—	—	—	—		
15	Maine Central	—	—	—	—	1	—	—	—		
16	Maritime Coal, Railway and Power Co.	—	—	—	—	1	—	—	—		
17	Midland Railway of Manitoba	—	—	—	—	—	—	—	—		
18	Morrissey, Fernie and Michel	—	—	4	—	—	—	—	—		
19	Napierville Junction	—	—	—	—	—	—	—	—		
20	Northern Alberta	—	14	6	—	1	—	2	—		
21	Ontario Northland	—	21	29	—	6	—	5	2		
23	Pacific Great Eastern	1	9	10	—	—	—	3	—		
24	Roberval and Saguenay	—	1	1	—	—	—	—	—		
25	St. Lawrence and Adirondack	—	—	—	—	—	—	—	—		
26	Sydney and Louisburg	—	1	6	—	1	—	—	—		
27	Thousand Islands	—	—	—	—	—	—	—	—		
28	Toronto, Hamilton and Buffalo	1	2	6	—	1	—	—	—		
30	Wabash (in Canada)	—	—	—	—	—	—	—	—		
31	<b>Total</b>	<b>63</b>	<b>2,418</b>	<b>2,133</b>	<b>254</b>	<b>323</b>	<b>196</b>	<b>174</b>			
32	Canadian National (Canada and U.S.)	44	1,401	1,153	118	236	105	—	96		

1. Included with Box cars.

TABLE 1. Equipment in Service at December 31, 1934

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	
333	16,650	--	--	1	30	--	--	--	--	--	--	1,523	78,160	1
4	230	--	--	--	--	--	--	--	--	--	--	8	440	2
11	270	--	--	14	330	1	20	25	500	--	--	275	6,422	3
--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
15	870	--	--	--	--	--	--	--	--	--	--	420	21,120	5
5,236	342,710	1,358	71,380	4,418	196,575	2,850	89,650	25	750	1	30	102,302	4,832,410	5
5,007	327,715	1,183	77,275	5,132	215,522	2,997	111,335	300	15,250	--	--	79,705	3,906,979	7
--	--	--	--	--	--	--	--	4	160	--	--	327	13,080	9
--	--	--	--	--	--	--	--	--	--	--	--	13	440	10
--	--	--	--	--	--	--	--	--	--	--	--	45	1,800	11
--	--	--	--	--	--	--	--	--	--	--	--	3	140	12
--	--	--	--	--	--	--	--	1	15	--	--	88	1,320	13
--	--	--	--	--	--	--	--	--	--	--	--	21	630	15
--	--	--	--	--	--	--	--	--	--	--	--	1	20	16
--	--	--	--	--	--	--	--	--	--	--	--	2	90	17
--	--	14	420	--	--	--	--	--	--	--	1	30	17	18
--	--	--	--	--	--	--	--	--	--	--	--	--	--	19
--	--	--	--	--	--	30	1,200	--	--	--	--	51	2,000	20
100	7,000	--	--	--	--	24	960	--	--	--	--	1,334	65,390	21
25	1,650	--	--	18	781	40	1,600	8	400	42	1,260	480	23,093	23
184	13,125	--	--	--	--	--	--	--	--	--	--	391	23,012	24
--	--	--	--	--	--	--	--	--	--	--	--	--	--	25
1,082	64,600	--	--	--	--	--	--	--	--	--	--	1,134	67,295	26
--	--	--	--	--	--	--	--	--	--	--	--	--	--	27
132	6,600	--	--	--	--	20	800	--	--	--	--	1,211	61,980	28
--	--	--	--	--	--	--	--	--	--	--	--	--	--	30
12,129	781,470	2,555	149,075	9,583	413,338	5,972	205,565	363	18,075	44	1,320	189,351	9,105,331	31
6,268	--	1,358	--	4,589	--	2,930	--	25	--	1	--	114,975	--	32
Cars in passenger service				Cars in company service				Total cars in service	Cars leased	Motor buses	Motor trucks			
Sleeping	Other cars in passenger service	Total	Motor	Caboose	Work	Total								
--	5	27	--	21	66	87	1,637	--	--	--	1			
--	--	2	--	1	--	1	11	--	--	--	2			
--	--	26	--	2	--	2	303	--	--	--	3			
--	--	7	--	--	--	--	7	--	--	--	4			
--	--	1	--	60	157	217	638	--	--	--	5			
411	92	3,510	1	1,620	8,144	9,765	115,577	--	--	--	6			
530	14	2,896	--	1,417	6,548	7,965	90,566	--	--	--	7			
--	--	--	--	25	66	91	419	--	--	--	9			
--	--	2	--	2	18	20	35	1	--	--	10			
--	--	--	--	3	--	3	48	--	--	--	11			
--	--	--	--	--	26	26	29	--	--	--	12			
--	--	7	--	6	70	76	171	--	--	--	13			
--	--	--	--	--	--	--	--	--	--	--	14			
--	--	1	--	--	--	--	22	--	--	--	15			
--	--	1	--	1	2	3	5	--	--	--	16			
--	--	--	--	1	1	2	4	2	--	--	17			
--	--	4	--	--	1	1	22	--	--	--	18			
--	--	--	--	3	--	3	3	--	--	--	19			
8	3	34	--	23	207	230	315	--	--	--	20			
--	4	67	--	36	257	293	1,694	--	--	13	14			
7	5	35	1	16	82	99	614	--	--	--	21			
--	--	2	--	4	--	4	397	--	--	--	24			
--	--	--	--	--	--	--	--	--	--	--	25			
--	6	16	--	10	12	22	1,172	700	--	--	26			
--	--	--	--	--	1	1	1	--	--	--	27			
--	--	10	--	13	60	73	1,294	--	--	--	5			
--	--	--	--	32	7	39	39	--	--	--	30			
956	131	6,648	2	3,296	15,725	19,023	215,022	703	13	22	31			
313	83	3,749	--	1,827	9,168	10,995	129,719	--	--	--	32			

TABLE 1. Equipment in Service at December 31, 1954 — Concluded

No.	Name of railway	Motive power					
		Steam locomotives				Diesel electric units	
		Coal burning		Oil burning		"A" Units	
		Number	Tractive power	Number	Tractive power	Number	Tractive power
1	Algoma Central and Hudson Bay .....	—	—	—	—	23	1,427,500
2	Alma and Jonquieres .....	—	—	—	—	2	138,000
3	British Yukon .....	—	—	8	156,400	2	48,000
4	Canada and Gulf Terminal .....	—	—	—	—	2	98,300
5	Canada Southern (Lessee N.Y.C.) .....	48	2,260,810	—	—	—	—
6	Canadian National .....	1,486	67,492,101	425	17,740,236	473	17,234,000
7	Canadian Pacific .....	1,261	50,104,000	261	13,032,000	378	14,879,000
9	Chesapeake and Ohio (Pere Marquette District) .....	—	—	—	—	25	1,546,313
10	Cumberland Railway and Coal Co. ....	4	162,100	—	—	—	—
11	Essex Terminal .....	2	63,600	—	—	4	252,000
12	Great Northern .....	—	—	—	—	3	186,285
13	Greater Winnipeg Water District .....	2	40,000	—	—	3	79,200
15	Maine Central .....	—	—	—	—	1	49,675
16	Maritime Coal, Railway and Power Co. ....	3	77,466	—	—	—	—
17	Midland Railway of Manitoba .....	—	—	3	87,906	—	—
18	Morrissey, Fernie and Michel .....	—	—	—	—	1	59,700
19	Napierville Junction .....	—	—	—	—	2	120,000
20	Northern Alberta .....	—	—	15	668,000	—	—
21	Ontario Northland .....	26	1,102,130	—	—	38	1,881,728
23	Pacific Great Eastern .....	—	—	3	114,000	22	1,180,050
24	Roberval and Saguenay .....	3	130,000	—	—	4	157,000
25	St. Lawrence and Adirondack .....	—	—	—	—	—	—
26	Sydney and Louisburg .....	30	1,134,150	—	—	—	—
27	Thousand Islands .....	—	—	—	—	1	24,000
28	Toronto, Hamilton and Buffalo .....	6	242,392	—	—	18	1,107,407
30	Wabash (in Canada) .....	—	—	—	—	20	2,038,290
31	<b>Total</b> .....	<b>2,871</b>	<b>122,808,749</b>	<b>715</b>	<b>31,798,542</b>	<b>1,022</b>	<b>42,506,448</b>
32	Canadian National (Canada and U.S.) .....	2,133	—	1	—	615	—

1. Included with "Coal Burning" Locomotives.

TABLE 2. Mileage Operated at December 31, 1954 — All Tracks

No.	Name of railway	Single track					Total
		Track owned	Proprietary companies	Under lease or contract	Joint track	Under trackage rights	
1	Algoma Central and Hudson Bay .....	318.6	—	2.2	—	1.0	321.8
2	Alma and Jonquieres .....	10.6	—	—	—	—	10.6
3	British Yukon .....	90.3	—	—	—	—	90.3
4	Canada and Gulf Terminal .....	36.2	—	—	—	—	36.2
5	Canada Southern (Lessee N.Y.C.) .....	364.9	—	1.6	—	0.4	366.9
6	Canadian National .....	22,227.0	—	196.2	28.1	190.4	22,641.7 <sup>1</sup>
7	Canadian Pacific .....	9,520.9	—	7,029.1	28.1	414.0	16,992.1 <sup>1</sup>
8	Central Vermont .....	—	—	25.3	—	—	25.3
9	Chesapeake and Ohio (Pere Marquette District) .....	—	198.8	—	—	137.5	336.3
10	Cumberland Railway and Coal Co. ....	31.3	—	—	—	—	31.3
11	Essex Terminal .....	21.3	—	—	—	—	21.3
12	Great Northern .....	140.8	—	—	—	7.0	147.8
13	Greater Winnipeg Water District .....	92.0	—	—	—	—	92.0
14	Hudson Bay .....	510.2	—	—	—	—	510.2
14a	International Bridge and Terminal .....	1.1	—	—	—	—	1.1
15	Maine Central .....	5.1	—	—	—	—	5.1
16	Maritime Coal, Railway and Power Co. ....	12.2	—	—	—	—	12.2
17	Midland Railway of Manitoba .....	5.7	—	—	—	69.8	75.5
18	Morrissey, Fernie and Michel .....	3.6	—	—	—	—	3.6
19	Napierville Junction .....	27.1	—	—	—	14.6	41.7
20	Northern Alberta .....	923.0	—	—	—	4.9	927.9
21	Ontario Northland .....	506.3	—	59.8	—	—	566.1
22	Ottawa and New York .....	57.3	—	—	—	0.7	58.0
23	Pacific Great Eastern .....	431.6	—	—	—	—	431.6
24	Roberval and Saguenay .....	29.0	—	—	—	—	29.0
25	St. Lawrence and Adirondack .....	33.2	—	13.3	—	14.4	60.9
26	Sydney and Louisburg .....	65.5	—	1.2	—	—	66.7
27	Thousand Islands .....	3.1	1.4	—	—	—	4.5
28	Toronto, Hamilton and Buffalo .....	103.6	—	—	—	7.4	111.0
29	Toronto Terminals .....	3.2	—	—	—	—	3.2
29a	Van Buren Bridge Co. ....	0.3	—	—	—	—	0.3
30	Wabash (in Canada) .....	—	—	—	—	245.4	245.4
31	<b>Total</b> .....	<b>35,575.0</b>	<b>200.2</b>	<b>7,328.7</b>	<b>28.1<sup>1</sup></b>	<b>1,107.5</b>	<b>44,239.5<sup>1</sup></b>
32	Canadian National (Canada and U.S.) .....	23,670.3	—	378.0	—	311.1	24,359.4

1. Includes 28.1 miles of Joint Track.

2. Includes 1.9 miles of Joint Track.

3. Includes 1.7 miles of Joint Track.

4. Includes 13.6 miles of Joint Track.



TABLE 1. Equipment in Service at December 31, 1954 - Concluded

Motive power										No.
Diesel electric units		Electric locomotives		Total		Leased		Number added during year	Number retired during year	
"B" Units		Number	Tractive power	Number	Tractive power	Number	Tractive power			
Number	Tractive power									
-	-	-	-	23	1,427,500	-	-	-	-	1
-	-	-	-	2	138,000	-	-	-	-	2
-	-	-	-	10	204,400	-	-	2	-	3
-	-	-	-	2	98,300	-	-	-	-	4
-	-	-	-	48	2,260,810	-	-	-	-	5
49	2,000,000	33	778,000	2,466	105,244,337	35	1,389,236	173	233	6
81	3,460,000	-	-	1,981	81,475,000	-	-	94	72	7
-	-	-	-	25	1,546,313	-	-	-	-	9
-	-	-	-	4	162,100	-	-	-	-	10
-	-	-	-	6	315,600	-	-	1	1	11
-	-	-	-	3	186,285	-	-	-	-	12
-	-	-	-	5	119,200	-	-	1	-	13
-	-	-	-	1	49,675	-	-	-	-	15
-	-	-	-	3	77,466	-	-	-	-	16
-	-	-	-	3	87,906	1	32,136	-	-	17
-	-	-	-	1	59,700	-	-	-	-	18
-	-	-	-	2	120,000	-	-	-	-	19
-	-	-	-	15	668,000	-	-	3	3	20
-	-	-	-	64	2,983,858	-	-	-	-	4
-	-	-	-	25	1,294,050	-	-	4	3	21
-	-	-	-	7	287,000	-	-	-	-	23
-	-	-	-	-	-	-	-	-	-	24
-	-	-	-	30	1,134,150	-	-	2	1	25
-	-	-	-	1	24,000	-	-	-	-	26
-	-	-	-	24	1,349,799	-	-	3	2	27
-	-	-	-	20	2,038,290	-	-	-	-	28
130	5,460,000	33	778,000	4,771	203,351,739	36	1,421,372	283	330	30
2	-	33	-	2,781	-	-	-	113	170	31
-	-	-	-	-	-	-	-	-	-	32

2. Included with "A" Units.

TABLE 2. Mileage Operated at December 31, 1954 - All Tracks

Single track	Second track		Industrial track		Yard tracks and sidings		All tracks		Average miles of road operated	No.
Route miles (duplications excluded)	Total	Route miles (duplications excluded)	Total	Route miles (duplications excluded)	Total	Route miles (duplications excluded)	Total	Route miles (duplications excluded)		
320.8	-	-	16.7	16.7	67.2	67.2	405.7	404.7	321.8	1
10.6	-	-	-	-	4.0	4.0	14.6	14.6	10.6	2
90.3	-	-	-	-	4.4	4.4	94.7	94.7	90.3	3
36.2	-	-	-	-	2.6	2.6	38.8	38.8	36.2	4
366.5	243.0	243.0	29.4	29.4	175.2	175.2	814.5	814.1	364.9	5
22,451.3 <sup>1</sup>	938.8 <sup>2</sup>	900.0 <sup>2</sup>	1,234.5	1,234.5	5,636.1	5,502.4	30,451.1	30,088.2	22,646.6	6
16,578.1 <sup>1</sup>	1,408.2 <sup>2</sup>	1,317.4 <sup>2</sup>	793.3	734.0	4,722.7	4,543.2	23,916.3	23,172.7	17,002.5	7
25.3	0.1	0.1	-	-	4.2	4.2	29.6	29.6	25.3	8
198.8	133.2	-	19.7	19.7	103.3	71.4	592.5	289.9	327.5	9
31.3	-	-	-	-	18.0	18.0	49.3	49.3	31.3	10
21.3	2.6	2.6	6.3	6.3	17.4	17.4	47.6	47.6	21.3	11
140.8	7.1	7.1	7.5	7.5	26.0	24.5	188.4	179.9	147.8	12
92.0	-	-	-	-	18.0	18.0	110.0	110.0	92.0	13
510.2	-	-	3.7	3.7	68.0	68.0	581.9	581.9	510.2	14
1.1	-	-	-	-	-	-	1.1	1.1	-	14a
5.1	-	-	-	-	-	-	5.1	5.1	5.1	15
12.2	-	-	-	-	2.5	2.5	14.7	14.7	12.0	16
5.7	2.5	-	2.3	2.3	22.3	6.7	102.6	14.7	75.5	17
3.6	-	-	-	-	2.7	2.7	6.3	6.3	3.6	18
27.1	16.6	-	0.2	0.2	24.8	6.1	83.3	33.4	41.7	19
923.0	-	-	20.3	20.3	115.2	115.2	1,063.4	1,058.5	927.9	20
566.1	-	-	38.6	38.6	111.8	111.8	716.5	716.5	566.1	21
57.3	-	-	-	-	5.7	5.7	63.7	63.0	58.0	22
431.6	-	-	11.8	11.8	51.9	51.9	495.3	495.3	429.6	23
29.0	-	-	1.0	1.0	11.0	11.0	41.0	41.0	20.0	24
46.5	14.4	-	1.1	1.1	9.5	9.5	85.9	57.1	60.9	25
66.7	-	-	-	-	45.0	45.0	111.7	111.7	66.7	26
4.5	-	-	0.5	0.5	2.0	2.0	7.0	7.0	4.5	27
103.6	7.9	6.4	55.4	53.9	84.5	68.8	258.8	232.7	111.0	28
3.2	9.9	9.9	1.6	1.6	16.3	16.3	31.0	31.0	3.2	29
0.3	-	-	-	-	0.3	0.3	0.6	0.6	-	29a
-	96.7	-	-	-	212.9	-	555.0	-	245.4	30
43,132.0 <sup>1</sup>	2,879.1 <sup>2</sup>	2,484.6 <sup>2</sup>	2,242.2 <sup>3</sup>	2,181.4 <sup>3</sup>	11,571.9 <sup>4</sup>	10,962.4 <sup>4</sup>	60,932.7 <sup>5</sup>	58,760.4 <sup>5</sup>	43,123.9 <sup>7</sup>	31
-	1,359.4	-	6	-	7,949.7	-	33,668.5	-	24,155.5	32

5. Includes 45.3 miles of Joint Track.

6. Included with Yard Track and Sidings.

7. Duplications excluded.

TABLE 3. Single Track Mileage at December 31, 1954 — by Provinces<sup>1</sup>

No.	Name of railway	New-foundland	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 Yukon.....	—	—	—	—	—	—	—
4	Canada and Gulf Terminal.....	—	—	—	—	36.2	—	—
5	Canada Southern (Lessee N.Y.C.).....	—	—	—	—	—	366.5	—
6	Canadian National.....	705.4	284.8	994.2	1,265.3	3,042.7	5,540.6 <sup>2</sup>	2,609.2
7	Canadian Pacific.....	—	—	287.9	563.7	1,585.7	3,223.8 <sup>2</sup>	1,761.4
8	Central Vermont.....	—	—	—	—	25.3	—	—
9	Chesapeake and Ohio (Pere Marquette District).....	—	—	—	—	—	198.8	—
10	Cumberland Railway and Coal Co.....	—	—	31.3	—	—	—	—
11	Essex Terminal.....	—	—	—	—	—	21.3	—
12	Great Northern.....	—	—	—	—	—	—	—
13	Greater Winnipeg Water District.....	—	—	—	—	—	—	92.0
14	Hudson Bay.....	—	—	—	—	—	—	510.2
14a	International Bridge and Terminal.....	—	—	—	—	—	1.1	—
15	Maine Central.....	—	—	—	5.1	—	—	—
16	Maritime Coal, Railway and Power Co.....	—	—	12.2	—	—	—	—
17	Midland Railway of Manitoba.....	—	—	—	—	—	—	5.7
18	Morrissey, Fernie and Michel.....	—	—	—	—	—	—	—
19	Napierville Junction.....	—	—	—	—	27.1	—	—
20	Northern Alberta.....	—	—	—	—	—	—	—
21	Ontario Northland.....	—	—	—	—	27.5	538.6	—
22	Ottawa and New York.....	—	—	—	—	—	57.3	—
23	Pacific Great Eastern.....	—	—	—	—	—	—	—
24	Roberval and Saguenay.....	—	—	—	—	29.0	—	—
25	St. Lawrence and Adirondack.....	—	—	—	—	46.5	—	—
26	Sydney and Louisburg.....	—	—	66.7	—	—	—	—
27	Thousand Islands.....	—	—	—	—	—	4.5	—
28	Toronto, Hamilton and Buffalo.....	—	—	—	—	—	103.6	—
29	Toronto Terminals.....	—	—	—	—	—	3.2	—
29a	Van Buren Bridge Co.....	—	—	—	0.3	—	—	—
31	<b>Total</b> .....	<b>705.4</b>	<b>284.8</b>	<b>1,392.3</b>	<b>1,834.4</b>	<b>4,830.6</b>	<b>10,378.2</b>	<b>4,978.5</b>
		Saskatchewan	Alberta	British Columbia	Yukon	United States	Total single track route miles (duplications excluded)	
1	Algoma Central and Hudson Bay.....	—	—	—	—	—	—	320.8
2	Alma and Jonquieres.....	—	—	—	—	—	—	10.6
3	British Yukon.....	—	—	—	32.6	57.7	—	90.3
4	Canada and Gulf Terminal.....	—	—	—	—	—	—	36.2
5	Canada Southern (Lessee N.Y.C.).....	—	—	—	—	—	—	366.5
6	Canadian National.....	4,409.9	2,153.6 <sup>3</sup>	1,373.7	—	71.9	—	22,451.3 <sup>4</sup>
7	Canadian Pacific.....	4,311.2	2,627.7 <sup>3</sup>	1,949.4	—	267.3	—	16,578.1 <sup>4</sup>
8	Central Vermont.....	—	—	—	—	—	—	25.3
9	Chesapeake and Ohio (Pere Marquette District).....	—	—	—	—	—	—	198.8
10	Cumberland Railway and Coal Co.....	—	—	—	—	—	—	31.3
11	Essex Terminal.....	—	—	—	—	—	—	21.3
12	Great Northern.....	—	—	—	140.8	—	—	140.8
13	Greater Winnipeg Water District.....	—	—	—	—	—	—	92.0
14	Hudson Bay.....	—	—	—	—	—	—	510.2
14a	International Bridge and Terminal.....	—	—	—	—	—	—	1.1
15	Maine Central.....	—	—	—	—	—	—	5.1
16	Maritime Coal, Railway and Power Co.....	—	—	—	—	—	—	12.2
17	Midland Railway of Manitoba.....	—	—	—	—	—	—	5.7
18	Morrissey, Fernie and Michel.....	—	—	—	3.6	—	—	3.6
19	Napierville Junction.....	—	—	—	—	—	—	27.1
20	Northern Alberta.....	—	896.1	—	26.9	—	—	923.0
21	Ontario Northland.....	—	—	—	—	—	—	566.1
22	Ottawa and New York.....	—	—	—	—	—	—	57.3
23	Pacific Great Eastern.....	—	—	—	431.6	—	—	431.6
24	Roberval and Saguenay.....	—	—	—	—	—	—	29.0
25	St. Lawrence and Adirondack.....	—	—	—	—	—	—	46.5
26	Sydney and Louisburg.....	—	—	—	—	—	—	66.7
27	Thousand Islands.....	—	—	—	—	—	—	4.5
28	Toronto, Hamilton and Buffalo.....	—	—	—	—	—	—	103.6
29	Toronto Terminals.....	—	—	—	—	—	—	3.2
29a	Van Buren Bridge Co.....	—	—	—	—	—	—	0.3
31	<b>Total</b> .....	<b>8,721.1</b>	<b>5,651.2</b>	<b>3,958.6</b>	<b>57.7</b>	<b>339.2</b>	<b>43,132.0</b>	

1. For new lines opened during 1954 see Table 4, page 11.
2. Includes 1.9 miles of Joint Track.
3. Includes 26.2 miles of Joint Track.
4. Includes 28.1 miles of Joint Track.

TABLE 4. Changes in Single Track Mileage Operated, 1954

Name of railway and location	Change during year Increase + Decrease -	Details
	Miles	
<b>Canadian National Railways:</b>		
At Riviere du Loup, P.Q. ....	- 0.01	Remeasurement
Riviere du Loup to Edmundston—at Edmundston, N.B. ....	- 0.83	Abandonment
Riviere du Loup to Edmundston—at Edmundston, N.B. ....	+ 0.90	Reclassified as main track
Argentia Jct. to Placentia, Nfld. ....	+ 0.34	Remeasurement
Bridge to Champlain Market, P.Q. ....	- 0.03	Remeasurement
Winnipeg to Carman Jct., Man. ....	- 0.01	Remeasurement
Carman Jct. to Beaver, Man. ....	- 0.01	Remeasurement
Radville to Moose Jaw Jct., Sask. ....	+ 0.01	Remeasurement
Prince Albert yard, Sask. ....	+ 0.20	Rearrangement of tracks
Young to Cudworth Jct.—at Cudworth Jct., Sask. ....	+ 0.01	Relocation of switch
Biggar to Edmonton—at Edmonton, Alta. ....	- 0.01	Relocation of switch
Edmonton to South Edmonton, Alta. ....	- 4.85	Abandonment
Edmonton to South Edmonton, Alta. ....	- 4.35	Reclassified as siding
<b>Canadian Pacific Railway Company:</b>		
<b>Lines owned:</b>		
Redfield to Ravenhead, Sask. ....	- 12.20	Abandonment
<b>Leased lines:</b>		
Sherbrooke to Walsh, P.Q.—Quebec Central Ry. ....	+ 1.10	New track—extension
Obico to Canpa, Ont.—Ontario and Quebec Ry. ....	+ 0.20	New track—extension
Parkville to Port Alberni, B.C.—Esquimalt and Nanaimo Ry. ....	- 0.10	Correction of records
<b>Ontario Northland Railway:</b>		
Englehart to Charlton, Ont. ....	- 7.60	Retired
<b>Sydney and Louisburg Railway Company:</b>		
Reserve Branch, N.S. ....	- 2.70	Dismantled
Birch Grove, N.S. ....	- 1.00	Dismantled
New Waterford, N.S. ....	+ 0.50	New track—extension
New Waterford, N.S. ....	- 0.30	Dismantled

Summary		Provinces	
Abandonment.....	- 17.88	Newfoundland .....	+ 0.34
Correction of records.....	- 0.10	Nova Scotia .....	- 3.50
Dismantled .....	- 4.00	New Brunswick .....	+ 0.07
New track—extension.....	+ 1.80	Quebec .....	+ 1.06
Rearrangement .....	+ 0.20	Ontario .....	- 7.40
Reclassified .....	- 3.45	Manitoba .....	- 0.02
Remeasurement.....	+ 0.29	Saskatchewan.....	- 11.98
Retired.....	- 7.60	Alberta .....	- 9.21
		British Columbia.....	- 0.10
<b>Net change .....</b>	<b>- 30.74</b>	<b>Net change.....</b>	<b>- 30.74</b>

TABLE 5. Mileage of Operating Railways, under Construction, at December 31, 1954

Province	Miles surveyed only	Miles under contract	Miles completed but not opened	Total miles	Single track miles opened for operations during 1954
Newfoundland.....	—	—	—	—	—
Prince Edward Island.....	—	—	—	—	—
Nova Scotia.....	—	15.2	—	15.2	0.5
New Brunswick.....	—	—	—	—	—
Quebec.....	—	158.0	—	158.0	1.1
Ontario.....	—	68.1	16.5	84.6	0.2
Manitoba.....	—	—	—	—	—
Saskatchewan.....	—	3.8	29.7	33.5	—
Alberta.....	—	8.9	—	8.9	—
British Columbia.....	100.0	40.0	41.0	181.0	—
United States.....	—	—	—	—	—
<b>Total.....</b>	<b>100.0</b>	<b>294.0</b>	<b>87.2</b>	<b>481.2</b>	<b>1.8</b>

Note: The 365.5 miles of the Quebec, North Shore and Labrador Railway was placed in service when on June 24, 1954 the first trainload reached Seven Islands.

TABLE 6. Rails Laid in Track — Year 1954

Weight per Yard	New		Relay and other		Total tons laid	Total cost
	Tons	Cost	Tons	Cost		
		\$		\$		\$
50 lbs and under 60 lbs.....	—	—	—	—	—	—
60 " " " 70 ".....	—	—	2,654	77,104	2,654	77,104
70 " " " 75 ".....	—	—	458	21,846	458	21,846
75 " " " 80 ".....	1,626	190,711	7,006	202,162	8,632	392,873
80 " " " 85 ".....	—	—	16,330	568,569	16,330	568,569
85 " " " 90 ".....	7,861	1,023,128	54,144	1,398,991	62,005	2,422,119
90 " " " 95 ".....	167	17,242	1,727	69,206	1,894	86,448
95 " " " 100 ".....	—	—	—	—	—	—
100 " " " 105 ".....	110,379	11,467,512	119,352	3,708,876	229,731	15,176,388
105 " " " 110 ".....	7	727	897	32,943	904	33,670
110 ".....	—	—	17	370	17	370
112 ".....	—	—	—	—	—	—
115 ".....	63,663	6,602,217	49	1,810	63,712	6,604,027
127 ".....	1,747	203,415	815	47,237	2,562	250,652
130 ".....	10,352	1,119,430	14,003	594,373	24,955	1,713,803
132 ".....	29,096	2,996,259	—	—	29,096	2,996,259
<b>Total.....</b>	<b>225,498</b>	<b>23,620,641</b>	<b>217,452</b>	<b>6,723,487</b>	<b>442,950</b>	<b>30,344,128</b>

TABLE 7. Fuel Consumed by Railway Equipment — Year 1954

	Bituminous coal	Wood	Diesel oil	Fuel oil	Gasoline
	tons	cords	gallons	gallons	gallons
Fuel consumed by:					
Locomotives:					
Freight.....	3,852,093	72	86,762,425	128,198,654	—
Passenger.....	1,816,562	28	19,055,077	56,421,904	—
Switching.....	690,094	—	12,523,396	15,122,750	—
Non-revenue.....	144,246	—	856,514	7,177,275	—
Total.....	6,502,995	100	119,197,412	206,920,583	—
Rail motor cars.....	—	—	457,170	—	81,796
Motor buses and trucks.....	—	—	2,274	—	64,970
<b>Grand total.....</b>	<b>6,502,995</b>	<b>100</b>	<b>119,656,856</b>	<b>206,920,583</b>	<b>146,766</b>
Total cost (Grand total \$85,962,897)..... \$	55,860,149	511	17,613,054	12,443,128	46,056

TABLE 8. Source of Fuel Consumed by Locomotives, Rail Cars etc., by Provinces, 1954

Delivered at fueling stations	Bituminous coal	Wood	Diesel oil	Fuel oil	Gasoline
	tons	ords	gallons	gallons	gallons
Canadian Fuel:					
Newfoundland .....	—	—	1,084,152	8,841,037	—
Prince Edward Island .....	—	—	513,698	—	—
Nova Scotia .....	343,563	18	2,222,856	—	—
New Brunswick .....	301,165	11	6,263,822	15,561	—
Quebec .....	200,582	9	15,636,565	—	2,826
Ontario .....	311,463	34	46,234,231	21,516	78,852
Manitoba .....	561,467	—	4,293,161	18,336,665	—
Saskatchewan .....	770,410	14	4,389,490	35,877,066	—
Alberta .....	237,184	14	12,162,129	77,661,209	—
British Columbia .....	41,875	—	13,134,323	55,908,455	2,474
Yukon .....	—	—	—	—	—
United States .....	—	—	—	—	—
<b>Total .....</b>	<b>2,767,709</b>	<b>100</b>	<b>105,934,427</b>	<b>196,661,509</b>	<b>84,152</b>
Imported Fuel:					
Newfoundland .....	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—
New Brunswick .....	4,071	—	6,534	—	24,174
Quebec .....	1,184,806	—	1,833	—	7,875
Ontario .....	2,288,800	—	6,940,583	—	30,565
Manitoba .....	159,309	—	222,507	474,026	—
Saskatchewan .....	37,286	—	—	—	—
Alberta .....	1,182	—	—	—	—
British Columbia .....	—	—	4,709,052	9,393,035	—
Yukon .....	—	—	10,860	392,013	—
United States .....	59,832	—	1,831,060	—	—
<b>Total .....</b>	<b>3,735,286</b>	<b>—</b>	<b>13,722,429</b>	<b>10,259,074</b>	<b>62,614</b>
<b>Grand total .....</b>	<b>6,502,995</b>	<b>100</b>	<b>119,656,856</b>	<b>206,920,583</b>	<b>146,766</b>





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