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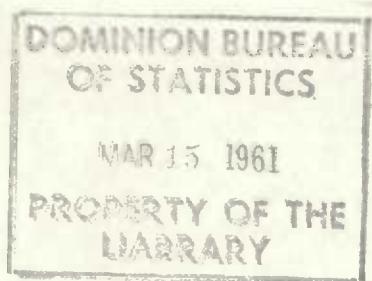
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RAILWAY TRANSPORT

1959

PART I

(Comparative Summary Statistics 1955 to 1959)



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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- ... figures not appropriate or not applicable.
- nil or zero.
- * revised figures.

RAILWAY TRANSPORT

1959

PART I

(Comparative Summary Statistics 1955 to 1959)

Track Mileage

Miles of first main track operated by railways in Canada totalled 44,209 at the close of 1959, an increase of 84 miles over the previous year and 765 over 1955. During the five-year period, second main track declined 136 miles to 2,350 and industrial track was reduced 1,024 miles to 1,219. Yard tracks and sidings increased to 11,616 in 1959 from 11,142 in 1955 bringing the total mileage of all tracks to 59,394, a net gain of 79 miles.

Investments, Capital and Reserves

Investments in road and equipment property to the end of 1959 totalled \$6,379,254,627, up \$255.2 million from 1958 and \$1.6 billion from 1955. Railway capital advanced \$683.2 million in the five years under review to a total of \$4,791,737,482, while reserves and unadjusted credits increased \$740.0 million to \$1,719,175,625 at the close of 1959.

Operations

Railway operating revenues at \$1,224,567,928 in 1959 were 5.2 per cent higher than the \$1,163,735,417 recorded in the previous year and 2.2 per cent over those of 1955. In contrast to the record high of \$1,300,623,923 established in 1956, railway operating revenues in 1959 were down 5.8 per cent. Receipts from the movement of freight accounted for 86.4 per cent of all operating revenues in 1959, compared with 85.6 per cent a year earlier and 80.9 per cent in 1955. Passenger fares, which have been declining steadily since the war, accounted for only 6.0 per cent of earnings in 1959 as against 7.0 per cent four years earlier.

Railway operating expenses, excluding rents and taxes, totalled \$1,103,125,529 in 1959, up 2.1 per cent from the previous year and 5.2 per cent from 1955. Over the five-year period, road maintenance costs have increased 22.4 per cent and equipment maintenance outlays were up 12.7 per cent. Transportation expenses, on the other hand, declined 8.7 per cent. Railway tax accruals at \$60.1 million in 1959, were 24.2 per cent higher than the \$48.4 million reported in 1955. The operating ratio (relation of railway operating expenses to revenues) was 95.24 per cent in 1959; 97.30 in 1958; and 87.50 in 1955.

Revenue freight traffic handled by railways, excluding tonnages interchanged between Canadian carriers totalled 166.1 million tons in 1959, up 8.2 per cent from 153.4 million in 1958, but down slightly

from 167.9 million tons in 1955. Ton-miles in 1959 rose to 68.0 million and the length of haul per ton averaged 409 miles. This compares with 66.4 million ton-miles in 1958 or an average haul of 432 miles, and 66.2 million ton-miles in 1955 and a haul of 394 miles.

Passenger traffic continued to decline through 1959 with only 20.9 million passengers using rail services as against 21.4 million in 1958 and 27.2 million in 1955. The average passenger journey stood at 116.8 miles in 1959 in contrast to 116.3 the previous year and 106.2 three years earlier.

Equipment

Freight cars in service at December 31, 1959 numbered 194,512, down from 196,893 in 1958, but up from 185,956 in 1955. The average capacity of cars has steadily increased over the five-year period under review, rising to 51.1 tons in 1959 from 48.6 tons in 1955.

In keeping with the trend of rail passenger traffic, the number of passenger-train cars in service continued to decline during 1959. At the close of that year only 5,456 units were reported in operation in comparison with 5,733 a year earlier and 6,574 in 1955.

There were 1,514 steam locomotives still in rail service in Canada at the close of 1959. However, complete dieselization of most railways is expected by the end of 1960. Diesel units totalled 3,155 in 1959, up from 2,799 in 1958 and 1,455 in 1955.

Fuel, Rails and Ties

The consumption of diesel oil increased to 331.6 million gallons in 1959, up from 295.5 million in 1958 and 174.0 million gallons in 1955. Fuel oil, on the other hand, has declined rapidly over the five-year period from 209.8 million gallons in 1955 to 64.1 million in 1959, and bituminous coal, following a similar trend has fallen from 5.6 million tons in 1955 to just over a half-million tons in 1959. The average cost of diesel oil has remained virtually unchanged during the years under review at 13.7 cents per gallon in 1959 as against 13.8 cents in 1955. The average cost of fuel oil has declined over the years to 4.3 cents in 1959 in contrast to 6.0 cents four years earlier, while the price of bituminous coal has increased to an average of 10.5 dollars per ton from 8.7 dollars in 1955.

Accidents

During 1959, a total of 303 persons were killed and 1,818 were injured in train accidents as compared with 304 and 1,462 respectively in 1958. Of the 1959 totals, 179 persons were killed and 486 were injured in highway crossing mishaps. A further breakdown shows that 39 of the 179 fatalities occurred at crossings protected by gates, signals or watchmen, while 140 of these deaths took place at unprotected crossings. An additional 14 persons died as a result of non-train accidents (around shops, sheds, etc.) and 2,258 were injured.

During 1959, the time lost by employees through injuries incurred in train and non-train accidents amounted to 113,159 days, as compared with 112,110 days a year earlier.

Highway Crossings

Highway crossings in Canada at the close of 1959 numbered 33,293 as against 33,322 a year previous. Of the 1959 total 4,314 were protected while 28,979 were unprotected. This compares with 4,076 and 29,246 in 1958.

December 20, 1960.

TABLE 1. Mileage Operated, by Area, on December 31¹

	1955	1956	1957		1959
number					
First main track mileage:					
Newfoundland	910	934	934	934	934
Prince Edward Island	285	285	285	285	285
Nova Scotia	1,401	1,391	1,370	1,336	1,333
New Brunswick	1,800	1,799	1,818	1,818	1,818
Quebec	4,936	4,940	5,097	5,096	5,228
Ontario	10,375	10,516	10,513	10,466	10,421
Manitoba	4,979	4,974	5,005	5,004	5,004
Saskatchewan	8,721	8,721	8,721	8,721	8,721
Alberta	5,659	5,680	5,680	5,680	5,680
British Columbia	3,981	4,015	4,070	4,388	4,388
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	43,444	43,652	43,890	44,123	44,209
Second track					
Industrial track	2,486	2,476	2,471	2,444	2,350
Yard track and sidings	2,243	2,384	1,208	1,216	1,219
Totals all tracks	11,142	11,318	11,528	11,534	11,616
Gauge of single (first main) track:					
4 ft. 8½ inches	42,648	42,833	43,071	43,306	43,391
3 ft. 6 inches	706	729	729	729	728
3 ft.	90	90	90	90	90
Single track owned but not operated	51	38	38	22	21

¹ Excludes trackage rights.TABLE 2. Railway Track Mileage—First Main Track Miles, by Area, on December 31¹

	1955	1956	1957	1958	1959
number					
Newfoundland					
Increase over previous year	910.10 204.70	934.60 24.50	934.60 —	934.60 —	934.20 —
Prince Edward Island					
Increase over previous year	284.80 —	284.80 —	284.80 —	284.80 —	284.80 —
Nova Scotia					
Increase over previous year	1,400.60 8.30	1,391.40 D 9.20	1,370.00 D 21.40	1,335.70 D 34.30	1,333.30 D 2.40
New Brunswick					
Increase over previous year	D 1,800.50 33.90	D 1,798.70 1.80	D 1,817.70 19.00	D 1,817.70 —	D 1,817.70 —
Quebec					
Increase over previous year	4,936.30 105.70	4,939.80 3.50	5,096.60 156.80	5,095.90 0.70	5,228.20 132.30
Ontario					
Increase over previous year	D 10,375.20 3.00	D 10,516.00 140.80	D 10,513.50 2.50	D 10,466.60 46.90	D 10,421.00 45.60
Manitoba					
Increase over previous year	4,978.80 0.30	4,974.00 4.80	5,004.60 30.60	5,004.50 0.10	5,004.50 —
Saskatchewan					
Increase over previous year	6,721.10 —	D 8,720.80 0.30	D 8,720.90 0.10	D 8,720.80 0.10	D 8,720.60 0.20
Alberta					
Increase over previous year	5,658.90 7.70	5,680.10 21.20	D 5,680.00 0.10	D 5,679.50 0.50	5,679.70 0.20
British Columbia					
Increase over previous year	3,981.20 22.60	4,015.10 33.90	4,070.60 55.50	4,388.40 317.80	4,388.10 0.30
Yukon					
Increase over previous year	57.70 —	57.70 —	57.70 —	57.70 —	57.70 —
United States					
Increase over previous year	D 339.10 0.10	339.10 —	339.10 —	339.10 —	339.10 —
Totals	43,444.30	43,652.10	43,890.10	44,123.30	44,208.90
Increase over previous year	312.30	207.80	238.00	235.20	83.60

¹ Excludes trackage rights.
D — Decrease.

RAILWAY TRANSPORT

TABLE 3. Investments in Road and Equipment Property, Year Ended December 31

	1955	1956 ^r	1957 ^r	1958 ^r	1959
dollars					
Investment changes during the year:					
Road	41,034,168	279,853,243	229,947,245	174,390,919	134,825,113
Equipment	77,802,675	148,235,337	189,382,255	133,610,475	78,487,442
General	Cr. 316,406	7,871,446	Cr. 77,635,769	Cr. 1,673,544	Cr. 816,428
Undistributed (see below)	Cr. 12,615,995	12,098,201	16,761,171	2,253,817	42,728,016
Totals	105,904,442	448,058,227	358,455,902	308,581,667	255,224,143
Total investments to December 31	4,777,279,050 ^s	5,445,804,080 ^s	5,815,448,817 ^s	6,124,030,484	6,379,254,627
Undistributed:^t					
Non-rail property:					
Canadian National Railways	Cr. 12,153,325	6,245,238	6,573,570	6,017,011	1,861,030
Canadian Pacific Railway Company	Cr. 447,000	5,790,522	9,943,381	Cr. 3,825,030	36,878,761
Other railways	Cr. 15,670	62,441	243,720	61,836	3,988,225
Totals	Cr. 12,615,995	12,098,201	16,761,171	2,253,817	42,728,016

^s Includes investments totalling \$121,230,690 of Quebec North Shore and Labrador Railway which reported for the first time in 1955.^t A restatement of investment totals by a number of roads who adopted the new Uniform Classification of Accounts in 1956 has increased the cumulative figure by \$220,466,803. A distribution of this amount is not available.^r Includes investments totalling \$11,188,835 of the British Columbia Electric Railway which reported for the first time in the railway transport series in 1957.

TABLE 4. Railway Capital on December 31

	1955	1956	1957	1958	1959
dollars					
Stocks	2,250,744,374	2,279,840,474	2,272,912,039	2,354,013,053	2,376,413,623
Debenture stock	292,721,212	292,646,839	292,646,644	292,646,644	292,646,644
Funded debt	1,565,109,030	1,612,706,551	1,764,660,210	1,953,114,826	2,122,675,213
Totals	4,108,574,616	4,185,193,864	4,330,219,893	4,599,774,523	4,791,737,482

TABLE 5. Funded Debt Guaranteed at December 31, 1959

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	—	315,000	315,000
Canadian National Railways	1,296,800,000	—	1,296,800,000
Canadian Northern Ontario Railway	3,597,518	—	3,597,518
Canadian Northern Alberta Railway	550,727	—	550,727
Grand Trunk Pacific Railway	34,464,204	—	34,464,204
Grand Trunk Railway	97,756	—	97,756
Totals	1,335,510,205	—	1,335,825,205
Ontario Northland Railway	—	9,547,000	9,547,000
Pacific Great Eastern Railway	—	120,366,600	120,366,600
Grand totals	1,335,510,205	130,228,600	1,465,738,805

TABLE 6. Reserves and Unadjusted Credits at December 31¹

	1955	1956	1957	1958	1959
dollars					
Depreciation reserves:					
Road and equipment	799,529,611	1,295,953,912	1,398,893,774	1,464,050,212	1,553,177,751
Other properties	95,245,410	82,792,742	88,456,681	85,778,147	94,838,841
Other reserves and unadjusted credits:					
Insurance-reserves	28,558,366	28,582,075	28,600,762	28,609,623	28,619,651
Equalization reserves	—	90,049	116,000	103,899	111,026
Premium on funded debt	—	—	—	—	—
Reserve for investments	643,018 ²	770,201	795,713	2,285,091	6,117,773
Other unadjusted credits	55,201,257 ²	62,700,857	40,957,551	37,333,989	36,310,583
Totals	979,177,662	1,470,889,836	1,557,820,481	1,618,160,961	1,719,175,625

¹ Includes United States lines of Canadian National and Canadian Pacific Railways.² Includes reserves formerly shown under the heading, "Operating and deferred maintenance".TABLE 7. Income and Retained Income Accounts, at December 31¹

	1955	1956	1957	1958	1959
dollars					
Income Account					
Railway operating revenues	1,198,351,601	1,300,623,923	1,263,147,930	1,163,735,417	1,224,567,928
Railway operating expenses	1,048,564,681	1,130,187,564 ²	1,150,055,128 ²	1,083,342,821 ²	1,106,158,160 ²
Net railway operating revenues	149,786,920	170,436,359	113,092,802	80,392,596	118,409,768
Tax accruals	48,431,748	50,149,499	53,475,018	48,934,683	60,148,564
Railway operating income	101,355,172	120,286,860	59,617,784	31,457,913	58,261,204
Other income:					
From outside operations	6,649,108				
From other sources	41,665,145				
Gross income	149,669,425	167,201,468	89,791,579	50,454,312	80,003,567
Deductions:					
Hire of freight cars debit balance	5,001,157	11,816,362	—	—	—
Rent for leased roads	5,645,476	6,168,361	—	—	—
Other rents	6,077,535	5,068,065	555,111	443,798	390,903
Other properties loss	—	4,859	14,424	1,134	—
Interest on funded and unfunded debt	54,162,996	49,173,370	57,633,170 ⁴	70,075,548 ⁴	76,111,172 ⁴
Other deductions	8,455,344	3,264,141	2,036,988	1,193,067	2,351,976
Totals	79,342,508	75,495,638	60,239,693	71,713,547	78,854,051
Net income	70,326,917	91,705,810	29,551,886	Dr. 21,259,235	I, 149,516
Retained Income					
Dividends — Common	22,730,723				
— Preferred	3,184,227				
Sinking and reserve funds	603,004	933,905	—	—	—
Other appropriations and misc. debits	9,484,330	1,266,289	8,854,904	Cr. 5,511,002	2,393,666
Total debits	36,002,284	57,650,688	37,249,790	21,766,092	31,142,974
Total credits	3,376,230	9,406,915	45,237,403	76,315,349	50,726,175
Balance to general balance sheet	Cr. 37,700,893	Cr. 42,135,763	Cr. 37,539,499	Cr. 33,290,022	Cr. 20,732,717

¹ Excludes pullman, tunnel and bridge companies.² Includes equipment rents and joint facility rents in accordance with the new Uniform Classification of Accounts. In 1956 only eight railways reported on this basis.³ Includes net income of express, commercial communications, highway transport (rail) and non-rail operations.⁴ Fixed charges, including "rent for leased roads."⁵ Dividend appropriations.

TABLE 8. Gross Earnings, Year Ended December 31

	1955	1956	1957	1958	1959
dollars					
Operating revenues:					
Rail line:					
Freight	965,862,326	1,110,115,769	1,080,053,400	995,853,940	1,058,009,762
Passenger	83,039,229	85,282,091	86,851,789	77,318,387	73,587,794
Baggage	344,369	384,391	361,424	296,432	267,034
Sleeping car	10,560,696				
Parlour and chair car	828,805	11,954,093	11,893,425	10,434,058	10,766,016
Mail	14,485,385	13,975,220	15,397,282	15,171,791	17,679,091
Express	50,073,445	26,137,537	22,408,506	22,348,264	23,069,446
Other passenger train	26,025	21,278	21,353	20,137	21,169
Milk	537,338	533,262	451,171	336,291	258,384
Switching	9,299,777	10,844,024	9,652,416	8,536,836	8,203,102
Water transfers—Freight	1,562,787	884,191	935,070	1,043,008	1,756,263
" " Passenger	459,900	133,172	139,382	129,192	173,500
Totals	1,137,080,082	1,260,265,028	1,228,165,218	1,131,488,336	1,193,791,561
Water line:					
Freight	3,898,817	3,171,244	—	—	—
Passenger	416,840	69,442	—	—	—
Baggage	53	—	—	—	—
Mail	2,827	2,605	—	—	—
Express	1,153	—	—	—	—
Other	44,432	33,865	—	—	—
Totals	4,364,122	3,277,156	—	—	—
Incidental:					
Dining and buffet car	7,977,230	8,248,419	8,814,497	7,223,064	7,201,090
News service and restaurant	1,851,462 ¹	4,615,125	4,045,964	3,707,471	3,761,426
Station, train, etc., privileges	3,486,433	645,243	711,237	640,680	652,218
Storage—Parcels and baggage	249,180	247,667	225,684	152,736	137,850
Storage—Freight	436,433	488,319	480,789	390,183	422,494
Demurrage	3,771,105	5,237,366	4,717,878	3,526,272	3,878,475
Telegraph and telephone	20,511,725	2,282,708	—	—	—
Grain elevators	1,923,498	2,223,293	1,895,024	1,762,486	1,637,512
Wharves	—	1,692,346	2,448,295	1,891,586	1,906,808
Rents of buildings, etc.	2,876,988	3,144,908	3,365,022	3,423,476	3,460,756
Other	13,491,388	7,810,801	8,204,082	9,288,699	7,531,056
Power	40,856	—	—	—	—
Totals	56,626,298	36,636,195	34,908,472	32,006,653	30,589,685
Joint facilities, Cr. balance	281,099	445,544	74,240	240,428	186,682
Total railway operating revenues	1,198,351,601	1,300,623,923	1,263,147,930	1,163,735,417	1,224,567,928
Operating expenses:					
Road maintenance	212,397,087	249,628,976	265,104,802	248,593,455	259,958,839
Equipment maintenance	227,866,346	251,328,643	256,689,993	253,744,614	256,778,520
Traffic	23,821,263	25,301,141	27,334,536	27,208,205	29,140,473
Transportation—Railway line	483,269,439	492,725,055	478,428,123	440,116,687	443,292,012
Transportation—Water line	2,158,211	1,504,625	—	—	—
Miscellaneous operations	17,713,709	18,807,259	16,555,093	14,824,857	14,787,822
General expenses	81,338,626	88,564,769	92,774,391	95,852,643	99,167,863
Totals	1,048,564,681	1,127,860,468	1,136,886,938	1,080,340,461	1,103,125,529
Equipment rents—Dr. ....	...	1,019,751	10,854,129	2,369,950	2,127,313
Joint facility rents—Dr. ....	...	1,307,345	2,314,061	632,410	905,318
Railway tax accruals .....	...	41,151,010	53,475,018	48,934,683	60,148,564
Total railway operating expenses .....	...	1,171,338,574	1,203,530,146	1,132,277,504	1,166,306,724

¹ Includes "Hotel" and "Restaurant".² Included in "Other".

TABLE 9. Operating Statistics, Year Ended December 31

	1955	1956	1957	1958	1959
Average first main track mileage	44,588	44,777	44,839	45,165	45,199
Locomotive miles:					
Steam:					
Freight	50,715,297	51,950,504	30,464,021	13,155,971	6,806,200
Passenger	26,077,933	22,172,066	15,306,104	8,477,994	2,842,106
Train switching	4,855,569	4,833,507	3,031,435	1,356,082	495,291
Yard switching	10,712,764	9,717,613	5,999,219	2,709,734	1,578,154
Total transportation service	92,361,563	88,673,690	54,800,779	25,699,781	11,721,751
Work train service	2,625,337	2,963,561	1,895,251	927,485	686,965
Diesel:					
Freight	34,210,768	41,774,251	51,347,032	58,670,214	63,662,881
Passenger	17,855,115	19,626,922	22,533,529	26,060,580	29,104,784
Train switching	1,748,903	2,211,081	3,066,719	3,705,693	3,461,220
Yard switching	17,752,188	21,426,100	23,306,161	24,484,346	25,911,225
Total transportation service	71,566,974	85,038,354	100,253,441	112,920,833	122,140,110
Work train service	789,817	1,029,437	1,648,744	2,396,410	2,985,114

TABLE 9. Operating Statistics, Year Ended December 31 - Continued

	1955	1956	1957	1958	1959
Locomotive miles - Concluded:					
Other:					
Freight	31,773	23,566	131,665	144,121	116,344
Passenger.....	192,561	181,834	167,751	133,731	158,361
Train switching.....	16,314	11,914	111,261	116,123	102,645
Yard switching.....	457,803	638,110	555,185	393,797	138,172
Total transportation service	698,451	855,424	965,862	787,772	515,522
Work train service	2,473	255	1,151	1,444	963
Total:					
Freight	84,957,838	93,748,321	81,942,718	71,970,306	70,585,425
Passenger.....	44,125,609	41,980,822	38,007,384	34,672,305	32,105,251
Train switching.....	6,620,786	7,056,502	6,209,415	5,177,898	4,059,156
Yard switching.....	28,922,755	31,781,823	29,860,565	27,587,877	27,627,551
Grand total transportation service	164,626,988	174,567,468	156,020,082	139,408,386	134,377,383
Grand total work train service.....	3,417,627	3,993,253	3,545,146	3,325,339	3,673,042
Train miles:					
Freight - Drawn by locomotive	79,072,523	87,088,493	77,991,848	68,655,553	68,351,068
Passenger - Drawn by locomotive.....	42,582,440	40,584,028	37,167,426	34,020,053	31,470,367
" Drawn by motor unit car	1,973,582	3,198,596	4,462,528	6,525,670	6,741,943
" Total	44,556,022	43,782,624	41,629,954	40,545,723	38,212,310
Total transportation service	123,628,545	130,871,117	119,621,802	109,201,276	106,563,378
Work train service	2,990,112	3,416,068	3,036,954	2,811,591	3,248,722
Freight car miles - Transportation service:					
In freight trains:					
Freight loaded	2,222,413,232	2,505,852,103	2,261,794,462	2,127,077,809	2,105,287,849
Freight empty.....	1,113,408,069	1,297,389,929	1,200,715,219	1,128,340,412	1,148,347,366
Gondola	79,121,029	87,452,585	77,586,464	69,089,769	68,531,468
Totals	3,414,942,330	3,890,694,617	3,540,096,145	3,324,507,990	3,322,166,683
In passenger trains - Transportation service	5,203,548	5,001,898	5,095,813	4,234,399	5,311,417
Total transportation service	3,420,145,878	3,895,696,515	3,545,191,958	3,328,742,389	3,327,478,100
Work train service	8,443,044	10,522,436	10,827,174	12,629,883	13,229,403
Passenger car miles - Transportation service:					
In passenger trains:					
Locomotive drawn:					
Motor unit car.....	216,921	98,843	91,536	118,746	116,650
Coach (including colonist).....	94,038,193	92,209,287	86,344,575	78,777,596	75,984,243
Sleeping, parlour and observation.....	118,425,722	119,955,823	115,521,764	103,448,969	97,344,470
Dining.....	17,196,411	17,181,286	16,984,749	15,375,488	15,388,461
Express.....	87,446,401	87,711,539	86,390,587	80,375,634	80,479,871
Other head-end.....	69,920,223	71,176,791	68,137,224	66,300,568	61,065,423
Other	2,260,491	2,350,564	2,334,679	2,230,405	2,279,848
Totals	389,504,362	390,684,113	375,805,114	346,627,406	332,658,966
Motor unit car drawn:					
Motor unit	2,707,185	4,791,384	7,706,726	10,584,416	10,872,958
Coach (including colonist).....	1,054,143	1,177,670	913,118	804,339	653,008
Sleeping, parlour and observation.....	6,912	—	—	—	—
Dining	—	—	—	—	—
Express	28,895	26,129	11,851	10,084	18,414
Other head-end	10,701	11,561	8,871	6,611	9,960
Other	1,541	2,631	—	15	—
Totals	3,809,377	6,009,375	8,640,566	11,405,465	11,554,340
Total drawn (locomotive and motor unit car):					
Motor unit car.....	2,924,106	4,890,227	7,798,262	10,703,162	10,989,608
Coach (including colonist).....	95,092,336	93,386,937	87,257,693	79,581,935	76,637,251
Sleeping, parlour and observation.....	118,432,634	119,955,823	115,521,764	103,448,969	97,344,470
Dining	17,196,411	17,181,286	16,984,749	15,375,488	15,388,461
Express.....	87,475,296	87,737,668	86,402,438	80,385,718	80,498,285
Other head-end.....	69,930,924	71,188,352	68,146,095	66,307,179	61,075,383
Other	2,262,032	2,353,195	2,334,679	2,230,420	2,279,848
Totals	393,313,739	396,693,488	384,445,680	358,032,871	344,213,306
In freight trains - Transportation service	24,416,236	23,994,175	24,729,373	24,307,734	23,337,961
Total transportation service	417,729,975	420,687,663	409,175,053	382,340,605	367,551,267
Work train service	128,620	76,185	93,342	59,209	36,558
Motor bus miles	308,643	316,199	2,617,697	285,368	279,172
Motor truck miles	—	—	—	—	—

TABLE 9. Operating Statistics, Year Ended December 31 — Continued

	1955	1956	1957	1958	1959
Averages:					
Locomotive miles in transportation service per mile of road ..	3,692	3,899	3,480	3,087	2,973
Train miles in transportation service per mile of road	2,773	2,923	2,668	2,418	2,358
Loaded freight cars per freight train	28.11	28.77	29.00	30.98	30.80
Empty " "	14.08	14.90	15.40	16.43	16.80
Total freight train cars per freight train	43.19	44.68	45.39	48.42	48.60
Passenger train cars per passenger train drawn by locomotive	9.15	9.63	10.11	10.19	10.57
Passenger cars per passenger train drawn by locomotive	4.99	5.23	5.43	5.36	5.51
Freight traffic — Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways ¹	131,409,254	156,518,082	143,349,331	129,238,306	140,504,572
Received from U.S. connections ¹	36,452,902	33,090,190	30,694,830	24,203,450	25,590,577
Total tons originated	167,862,156	189,608,272	174,044,161	153,441,756	166,095,149
Interchanged between Canadian railways	20,668,261	24,469,563	22,846,795	20,758,175	20,107,417
Total tons	188,530,417	214,077,835	196,890,956	174,199,931	186,202,566
Tons carried one mile	'000 66,176,129	78,819,966	71,047,229	66,356,829	67,956,540
Tons originated per mile of road	3,765	4,234	3,882	3,397	3,675
Tons carried one mile (rail line) per mile of road	1,483,273	1,760,135	1,584,343	1,469,050	1,503,362
Average miles hauled per ton (revenue freight)	394	416	408	432	409
Freight traffic — Revenue and non-revenue freight (tons-2,000 lb.):					
Tons carried	203,120,682	230,365,659	210,727,725	187,147,036	198,478,611
Tons carried one mile	'000 69,664,757	83,104,975	74,452,460	68,914,260	70,259,613
Tons per loaded car mile in transportation service revenue (and non-revenue)	31.30	33.12	32.86	32.35	33.31
Gross ton miles — Freight train cars	'000 149,756,261	174,840,163	156,434,901	146,138,505	148,159,968
— Passenger train cars	'000 29,000,772	28,789,247	27,912,465	25,823,179	24,901,935
— Totals	'000 178,757,033	203,629,409	184,347,366	171,961,684	173,061,903
Gross ton miles per freight train mile	1,894	2,008	2,006	2,129	2,168
Gross ton miles (transportation service) per mile of road	4,009,111	4,547,634	4,111,318	3,807,410	3,828,888
Train hours — Freight service	4,354,459	4,857,731	4,137,107	3,516,971	3,454,714
Passenger traffic:					
Passengers carried	27,229,962	26,070,766	22,965,974	21,376,438	20,939,928
Passengers carried one mile	'000 2,891,685	2,907,568	2,925,133	2,485,861	2,445,654
Passengers carried per mile of road	611	582	512	473	463
Passengers carried one mile per mile of road	64,853	64,934	65,236	55,040	54,109
Average number of passengers per passenger train car in transportation service	7	7	7	7	7
Average number of passengers per passenger car in transportation service	13	13	13	12	13
Average passenger journey	106.2	111.5	127.4	116.3	116.8
Freight revenues — Rail line:					
Freight receipts	\$ 965,862,326	1,110,115,769	1,060,053,400	995,853,940	1,058,009,782
Switching receipts	\$ 9,299,777	10,844,024	9,652,416	8,536,836	8,203,102
Other freight train receipts and water transfers	\$ 1,562,787	884,191	935,070	1,043,008	1,756,263
Total freight revenues	\$ 976,724,890	1,121,843,984	1,090,640,886	1,005,433,784	1,067,969,127
Average freight revenue per mile of road	\$ 21,906	25,054	24,323	22,261	23,628
Average freight receipts per mile of road	\$ 21,662	24,792	24,087	22,049	23,408
Average freight receipts per freight train mile	\$ 12.21	12.75	13.85	14.51	15.48
Average freight receipts per loaded freight car mile in transportation service	€ 43.46	44.24	47.67	46.74	50.16
Average freight receipts per ton originated	€ 5.75	5.85	6.21	6.49	6.37
Average freight receipts per ton mile	€ 1,460	1,409	1,520	1,501	1,557
Passenger revenues — Rail line:					
Passenger receipts	\$ 83,039,229	85,282,091	86,851,789	77,318,387	73,567,794
Sleeper, parlour, observation car receipts	\$ 11,389,501	11,954,093	11,893,425	10,434,058	10,766,016
Baggage	\$ 344,369	384,391	361,424	296,432	267,034
Mail	\$ 14,485,385	13,975,220	15,397,282	15,171,791	17,679,091
Express ¹	\$ 50,073,445	26,137,537	22,408,506	22,348,264	23,069,446
Milk	\$ 537,338	533,262	451,171	336,291	258,384
Other passenger train revenue and water transfers	\$ 485,925	154,450	160,735	149,329	194,669
Total passenger train revenues	\$ 160,373,599	138,421,044	137,524,332	126,054,552	125,822,434
Average passenger train revenue per mile of road	\$ 3,596.79	3,091.34	3,067.07	2,790.10	2,783.74
Average passenger train revenue per passenger train mile	\$ 3.60	3.16	3.30	3.11	3.29
Average passenger train revenue per passenger train car in transportation service	€ 38.39	32.90	33.61	32.97	34.23
Average passenger receipts per passenger per railway	€ 3.05	3.27	3.78	3.62	3.51
Average passenger receipts per passenger mile	€ 2.87	2.93	2.97	3.11	3.01
Average passenger receipts per passenger car in transportation service	€ 36.82	37.56	39.66	38.45	38.45
Average sleeper, etc., receipts per sleeper, etc. car miles	€ 9.4	9.9	10.2	10.0	11.03

See footnotes at end of table.

TABLE 9. Operating Statistics, Year Ended December 31 — Concluded

	1955	1956	1957	1958	1959
Revenues — Water line:					
Freight	\$ 3,898,817	3,171,244	—	—	—
Passenger, baggage, mail, express	\$ 420,873	72,047	—	—	—
Other	\$ 44,432	33,865	—	—	—
Totals	\$ 4,364,122	3,277,156	—	—	—
Gross earnings from operation, rail and water:					
Freight, rail and water	\$ 980,623,707	1,125,015,228	1,090,640,886	1,005,433,784	1,067,969,127
Passenger, rail and water	\$ 160,820,497	138,526,956	137,524,332	126,054,552	125,822,434
Other earnings from operation	\$ 56,907,397	37,081,739	34,982,712	32,247,081	30,776,367
Totals	\$ 1,198,351,601	1,300,623,923	1,263,147,930	1,163,735,417	1,224,567,928
Operating expenses	\$ 1,048,564,681	1,171,338,574	1,203,530,146	1,132,277,504	1,166,306,724
Net operating revenue	\$ 149,786,920	129,285,349	59,617,784	31,457,913	58,261,204
Operating ratio	% 87.50	90.06	95.28	97.30	95.24
Gross earnings per mile of road	\$ 26.876	29.047	28.171	25.766	27.093
Gross earnings per revenue train mile	\$ 9.69	9.94	10.56	10.66	11.49

¹ Adjusted for foreign grain loaded from port elevators, 1955.² Includes gross revenues of express traffic handled by Canadian National Railways 1955.

TABLE 10. Taxes, Year Ended December 31

	1955	1956	1957	1958	1959
dollars					
Provincial and municipal:					
Newfoundland	10,128	10,072	9,889	8,329	25,350
Prince Edward Island	2,282	3,156	261	261	15,062
Nova Scotia	110,069	100,243	110,956	114,815	135,421
New Brunswick	199,442	197,631	227,944	263,456	477,771
Quebec	3,841,780	2,282,002	4,188,467	4,314,446	5,608,360
Ontario ¹	3,702,737	4,022,292	5,347,794	5,183,699	6,218,050
Manitoba	1,414,337	1,704,738	1,525,857	1,510,596	507,196
Saskatchewan	733,870	898,690	1,265,760	895,785	1,257,310
Alberta	780,997	805,410	887,183	893,782	1,059,085
British Columbia	1,514,742	1,738,459	1,956,971	2,851,967	2,208,256
Yukon	13,686	15,871	22,239	16,737	23,496
Income and excise tax	29,069,986	30,564,453	30,144,178	25,573,672	34,812,379
Unemployment insurance	4,407,583	4,846,939	4,689,916	4,293,569	4,550,421
Other special tax	74,078	78,712	105,140	132,788	161,013
Outside Canada	2,598,318	2,926,271	3,039,949	2,949,624	3,161,974
Totals	48,474,035	50,194,939	53,522,504	49,003,526	60,221,144
Taxes paid by railway bridge companies	22,271	39,965	41,680	27,202	43,303
" " " pullman company	—	—	—	—	—
Grand totals	48,496,306	50,234,904	53,564,184	49,030,728	60,264,447

¹ Includes Taxes on Lake Erie and Detroit River Railway which are paid as rent by the Chesapeake and Ohio Railway (Père Marquette District.)

TABLE 11. Traffic Handled in Year Ended December 31

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Products of agriculture:					
Wheat	11,421,085	16,325,517	13,160,234	14,553,875	13,794,365
Corn	997,062	1,072,044	1,102,442	929,562	845,755
Sorghum grains	1	1	20,378	18,545	9,398
Oats	1,544,263	1,811,875	1,709,666	1,490,516	1,372,154
Barley	2,817,460	3,635,185	2,775,941	3,402,804	3,272,853
Rye	280,916	418,853	161,949	210,658	149,493
Rice	1	1	44,301	31,702	27,478
Grain, n.o.s.	159,942	176,761	44,871	35,799	26,194
Flour, wheat	1,735,338	1,428,791	1,449,408	1,629,846	1,689,048
Meal, corn	1	1	21,185	8,945	14,602

See footnotes at end of table.

TABLE 11. Traffic Handled in Year Ended December 31 - Continued

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Products of agriculture - Concluded:					
Flour, edible, n.o.s.	2	2	179,202	121,176	88,181
Cereal food preparations, n.o.s.	229,095	210,483	245,592	224,103	227,547
Mill products, n.o.s.	2,901,298	3,894,092	1,611,246	1,533,200	1,377,744
Hay	79,755	96,101	75,159	65,558	51,784
Straw			4,161	2,719	8,017
Tobacco, unmanufactured	3	3	62,176	55,884	62,368
Tobacco siftings, sweepings and waste	3	3	1,889	724	2,397
Cotton in bales	159,863	180,654	120,061	105,418	114,070
Cotton linters, noils, and regins			39,425	36,313	38,777
Cottonseed	3	3	497	455	740
Cottonseed oil cake and meal	3	3	3,384	2,675	1,445
Cottonseed hulls and bran	3	3	1,073	501	641
Soybeans	1	1	113,733	109,196	84,584
Soybean oil cake and meal	3	3	725,497	615,175	610,674
Vegetable and nut oil cake and meal, n.o.s.	3	3	52,843	54,322	39,071
Apples, fresh, not frozen	135,863	119,921	114,388	143,819	91,371
Bananas, fresh	4	4	160,119	149,014	138,808
Berries, fresh, not frozen	4	4	1,947	2,542	2,421
Cantaloupes and melons, n.o.s.	4	4	22,638	22,261	23,173
Grapes, fresh	6	4	84,258	77,122	74,805
Lemons, limes, and citrus fruits, n.o.s.	249,551	288,866	28,301	13,529	16,825
Oranges and grapefruit			235,125	184,997	218,178
Peaches, fresh, not frozen	4	4	15,890	20,617	18,102
Pears, fresh, not frozen	4	4	24,604	21,645	23,747
Watermelons	4	4	24,483	25,196	23,587
Fruits, fresh, n.o.s., not frozen	4	4	25,271	30,902	30,832
Fruits, dried, dehydrated, and evaporated, n.o.s.	3	3	33,557	29,997	29,834
Fruits and berries, fresh, frozen	406,422	394,524	52,938	24,490	21,399
Coffee	3	3	64,375	60,425	69,908
Cabbage	5	5	24,175	24,160	26,483
Celery	5	5	52,568	40,524	42,883
Lettuce	5	5	103,734	79,980	79,142
Onions, dry	5	5	42,356	43,778	38,995
Potatoes, other than sweet	733,300	826,805	711,248	805,168	745,537
Tomatoes	5	5	82,468	71,952	73,083
Vegetables, fresh, n.o.s., not frozen	5	5	183,964	156,824	136,464
Beans and peas, dried	3	3	168,795	100,313	112,708
Vegetables, dried, dehydrated, and evaporated, n.o.s.	3	3	3,748	3,688	3,398
Vegetables, fresh, frozen	524,592	554,352	45,568	38,367	28,836
Peanuts	5	5	20,330	11,763	11,336
Sugar beets	559,263	489,650	503,166	528,386	744,565
Malt, n.o.s.	3	5	388,778	342,180	371,223
Flaxseed	585,233	708,969	986,951	551,963	575,003
Seeds, n.o.s.	3	5	333,470	374,390	214,357
Products of agriculture, n.o.s.	1,755,064	2,137,519	110,890	89,572	92,379
Totals	27,275,365	34,770,962	28,376,417	29,309,235	27,988,690
Animals and products:					
Horses, mules, ponies and asses	6	4	19,215	18,297	13,417
Cattle and calves, single-deck	355,089	385,585	444,412	390,399	284,677
Calves, double-deck			3,196	2,942	1,392
Sheep and goats, single-deck	6	6	15,352	12,208	8,104
Sheep and goats, double-deck	6	6	2,958	2,246	7,006
Swine, single-deck	220,345	210,893	153,157	170,985	179,194
Swine, double-deck			16,221	7,863	13,332
Meats, fresh, n.o.s.	527,854	521,084	453,218	341,359	369,193
Meats, cooked, cured, dried, and smoked			55,238	44,177	43,000
Packing house products, edible, n.o.s.	196,545	177,424	121,745	102,939	119,551
Margarine, n.o.s.	7	7	15,106	17,813	19,255
Poultry, live	61,460*	55,527*	474	165	267
Poultry, dressed and frozen	6	9	36,268	27,963	31,588

See footnotes at end of table.

TABLE 11. Traffic Handled in Year Ended December 31 — Continued

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Animals and products—Concluded:					
Eggs			8,937	9,751	6,202
Butter	144,487	156,251	61,118	51,665	57,776
Cheese			66,006	43,776	47,344
Dairy products, n.o.s.	10	10	1,641	817	1,739
Wool and mohair in grease	55,895	54,376	29,368	24,224	34,084
Wool and mohair, n.o.s.			13,189	11,808	11,901
Hides, skins, and pelts, n.o.s.	137,331	161,242	176,677	140,852	119,909
Leather, n.o.s.	10	10	10,199	7,847	4,246
Sea food, n.o.s.	96,797	92,780	72,626	67,178	54,554
Fish and sea animal oil	10	10	42,320	34,395	24,508
Animals and products, n.o.s.	269,779	270,042	121,311	103,209	119,149
Totals	2,063,582	2,065,204	1,939,952	1,634,878	1,571,388
Products of mines:					
Anthracite coal, n.o.s.			2,015,949	1,615,208	1,555,670
Anthracite coal to breakers and washeries	2,722,466	2,976,996	113,417	193	104
Bituminous coal	15,367,402	15,875,557	14,657,576	12,854,100	11,949,461
Coke	1,869,574	2,059,478	2,107,206	1,585,402	1,581,553
Iron ore	13,978,505	19,935,587	19,708,408	13,573,784	22,313,720
Aluminum ore and concentrates	3,512,648	2,958,920	2,701,634	2,475,750	2,678,959
Copper ore and concentrates	2,430,934	2,288,515	959,726	461,096	461,025
Copper-nickel (nickel) ore and concentrates	1,756,773	2,521,748	3,320,720	2,411,503	3,006,697
Lead ore and concentrates	11	11	269,167	213,766	212,683
Zinc ore and concentrates	11	11	738,008	715,509	676,516
Ores and concentrates, n.o.s.	3,574,157	3,191,193	1,569,036	1,435,749	1,491,191
Barytes	12	12	45,745	33,945	61,300
Clay and bentonite	12	12	436,499	368,198	423,382
Sand, industrial	12	12	841,219	728,465	778,562
Gravel and sand, n.o.s.	6,913,537	6,375,001	5,863,111	6,268,653	5,664,251
Stone and rock: broken, ground, and crushed	3,787,020	4,372,832	7,777,451	7,017,430	6,694,809
Fluxing stone and raw dolomite	12	12	301,668	362,416	420,989
Stone, rough, n.o.s.			113,953	99,761	83,223
Stone, finished, n.o.s.	135,693	127,468	36,015	29,941	25,211
Petroleum, crude	1,138,986	1,390,515	771,845	660,020	683,745
Asphalt	591,959	593,189	465,183	476,373	434,834
Salt	873,065	1,148,924	1,065,401	995,527	1,125,429
Phosphate rock	12	12	682,337	600,779	578,922
Sulphur	180,995	227,183	352,933	302,155	259,032
Asbestos, not further processed than milled	876,006	897,417	1,016,392	900,404	993,863
Gypsum, crude	3,261,282	3,714,421	3,394,968	1,924,907	4,831,854
Products of mines, n.o.s.	7,025,300	7,741,741	1,997,328	1,784,890	2,191,449
Totals	89,996,302	78,396,685	73,322,895	59,895,924	71,178,434
Products of forests:					
Logs, butts, and bolts			1,488,999	1,493,119	1,649,650
Posts, poles, and piling, wooden	2,140,987	2,228,379	585,996	394,232	407,745
Wood fuel	93,753	73,266	45,736	31,007	27,651
Ties, railroad	13	13	118,376	59,139	48,397
Pulpwood	6,018,071	7,172,754	6,544,705	4,731,075	4,121,483
Lumber, shingles, and lath			6,739,323	6,749,095	7,230,133
Box, crate, and cooperage materials	8,469,824	8,353,301	57,719	53,326	52,101
Veneer, plywood, and built-up wood	675,565	754,098	644,128	720,563	796,102
Rosin and turpentine	14	14	25,536	26,935	25,507
Products of forests, n.o.s.	318,522	376,247	395,441	298,426	377,349
Totals	17,716,722	18,958,045	16,645,960	14,556,917	14,736,118
Manufactures and miscellaneous:					
Gasoline	4,026,087	4,219,667	4,188,529	3,951,838	3,758,267
Fuel, road, and petroleum residual oils, n.o.s.	3,115,465	3,527,492	3,429,061	3,390,436	3,493,058
Lubricating oils and greases			364,243	338,506	387,239
Petroleum products, refined, n.o.s.	1,487,620	1,610,189	808,810	721,745	686,466

See footnotes at end of table.

TABLE 11. Traffic Handled in Year Ended December 31 - Continued

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Manufactures and miscellaneous—Continued:					
Gases, other than petroleum, n.o.s.	19	18	329,147	289,294	372,983
Cottonseed oil	16	16	19,067	18,209	22,979
Linseed oil	16	16	24,046	18,748	20,369
Soybean oil	16	16	114,231	120,363	126,058
Vegetable and nut oils, n.o.s.	16	16	97,281	96,324	90,338
Oils, n.o.s.	16	16	17,098	12,283	10,340
Oil foots, sediment, and tank bottoms	16	16	7,280	9,609	13,658
Rubber, crude, natural, and synthetic	244,848	236,655	250,453	213,950	238,992
Rubber goods, n.o.s.	16	16	20,616	13,556	11,004
Chemicals, n.o.s.			1,115,469	915,975	960,434
Sulphuric acid			101,905	142,704	97,955
Acids, n.o.s.	2,473,766	2,538,116	98,091	96,343	86,578
Sodium (soda) products			916,136	940,890	987,816
Alcohol, n.o.s.			46,010	48,588	62,161
Blacks, n.o.s.	16	16	55,177	40,084	47,995
Fertilizers, n.o.s.	1,910,338	1,977,645	1,986,451	2,085,949	2,028,396
Insecticides and fungicides, n.o.s.	16	16	29,006	19,244	18,911
Tar, pitch, and creosote	17	17	276,813	239,690	220,690
Tanning material, n.o.s.	16	16	7,682	6,992	6,834
Paint, paint material, putty, and varnish	16	16	136,832	121,235	110,514
Plastics	16	16	61,358	62,278	77,371
Cellulose articles, n.o.s.	16	16	5,023	5,840	4,880
Drugs, medicines, and toilet preparations	16	16	27,163	28,872	25,922
Aluminum: bar, ingot, pig, and slab	587,577	613,766	454,353	446,917	351,552
Aluminum, n.o.s.	16	16	78,759	66,714	58,843
Copper: ingots, and pig	474,613	524,345	343,799	415,535	485,214
Copper, brass, and bronze, n.o.s.	16	16	263,846	264,157	250,143
Lead and zinc: bar, ingot, and pig	18	18	446,697	433,890	427,724
Lead and zinc, n.o.s.	18	18	16,777	6,316	8,615
Magnesium metal and alloy	18	18	9,367	4,922	12,391
Alloys for steel manufacture	18	18	200,403	108,736	141,312
Matte	289,962	312,549	332,183	213,358	308,320
Metals and alloys, n.o.s.	743,333	791,905	95,589	85,702	55,920
Iron, pig			488,883	235,197	292,742
Iron and steel: billet, bloom, and ingot	1,068,942	1,255,254	445,612	263,927	490,940
Iron and steel: bar, rod, and slab			677,605	500,097	453,975
Iron and steel, n.o.s.	16	16	37,658	28,315	57,318
Iron and steel nails and wire (woven and not woven) n.o.s.	16	16	165,003	131,169	126,732
Manufactured iron and steel			2,903,175	1,978,248	2,551,179
Cast iron pipe and fittings	2,721,979	4,235,100	32,664	25,828	26,323
Iron and steel pipe and fittings, n.o.s.			1,036,392	669,098	419,144
Tanks, n.o.s.	16	16	47,680	27,217	28,469
Agricultural implements, n.o.s.	321,484	326,577	206,027	221,925	265,866
Agricultural implement parts, n.o.s.			23,158	16,157	20,006
Machinery and machines, n.o.s.	646,502	826,203	634,408	478,748	456,363
Machinery parts			141,735	105,147	103,996
Business and office machines, n.o.s.	16	16	1,873	1,358	1,292
Railway equipment moved on own wheels	16	16	66,192	45,338	32,854
Railway equipment, S.U. not moved on own wheels	16	16	10,440	3,405	7,949
Railway equipment parts	16	16	104,565	45,191	56,441
Rails and railway track material, iron and steel	159,642	252,017	289,336	206,961	180,395
Vehicles, other than motor	16	16	21,670	41,412	18,712
Automobiles, passenger	2,784,925	2,428,709	395,508	298,297	346,606
Automobiles, freight			72,316	39,080	52,552
Vehicles, motor, n.o.s.	16	16	257,517	192,538	177,592
Military vehicles, n.o.s.	16	16	11,346	6,454	7,075
Automobiles and autotucks, K.D.	20	20	102,477	38,514	26,398
Vehicle parts, n.o.s.	20	20	1,561,771	1,142,338	1,383,356
Airplanes, aircraft, and parts	16	16	9,278	9,147	4,528
Tires and tubes, rubber	16	16	99,252	90,349	109,150
Guns, small arms, and parts, n.o.s.	16	16	3,923	3,183	4,240

See footnotes at end of table.

TABLE 11. Traffic Handled in Year Ended December 31 — Continued

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Manufactures and miscellaneous — Continued:					
Ammunition and explosives	16	16	125,753	97,375	103,775
Cement: natural and portland	2,391,497	2,620,710	2,090,040	1,762,716	1,471,829
Cement, n.o.s.	16	16	110,876	48,026	69,989
Brick, common			22,568	39,812	24,437
Brick, n.o.s. and building tile	761,613	843,200	346,799	296,059	334,977
Refractories			319,972	207,762	274,863
Artificial stone, n.o.s.			25,702	27,699	36,446
Lime, n.o.s.	693,432	693,708	381,424	548,948	623,993
Plaster: stucco and wall			142,218	175,643	150,282
Sewer pipe and drain tile (not metal)	87,057	106,099	70,323	76,979	61,074
Broken or ground brick, blocks, crockery, and glass	16	16	23,444	13,607	11,539
Woodpulp	2,505,198	2,659,767	2,479,597	2,312,458	2,547,531
Scrap paper and rags	346,027	353,825	312,210	279,062	300,045
Newsprint paper	4,245,705	4,578,441	4,573,228	4,115,818	4,256,951
Printing paper, n.o.s.	872,627	985,476	627,325	600,519	678,469
Wrapping paper			237,480	232,471	230,955
Paper bags	338,100	366,752	77,275	63,178	84,532
Paper and paper articles, n.o.s.			345,840	346,286	330,852
Printed matter, n.o.s.	16	16	32,303	28,424	46,338
Paperboard, fibreboard, and pulpboard	1,113,190	1,204,184	632,183	616,000	627,458
Wallboard			409,913	449,840	448,931
Building paper and prepared roofing materials	385,054	426,263	200,178	230,995	199,850
Insulating materials, n.o.s.			139,105	130,094	142,586
Building woodwork and millwork	16	16	61,161	54,992	61,880
Building materials, n.o.s.	16	16	30,992	26,413	21,772
Buildings and houses, fabricated and portable, n.o.s.	16	16	10,248	11,743	9,913
Asbestos articles, n.o.s.	16	16	5,303	2,696	6,701
Electrical equipment and parts, n.o.s.	16	16	173,128	137,962	125,370
Furnaces, heaters, radiators, and parts	16	16	43,992	40,936	39,789
Bathroom and lavatory fixtures and sinks	16	16	31,424	28,577	27,273
Hardware, n.o.s.	16	16	28,291	23,741	24,149
Glass			70,700	70,185	88,558
Glassware, n.o.s.	292,048	319,313	54,148	47,465	41,942
Glass bottles, jars, and packing glasses, n.o.s.			136,810	132,629	134,479
Chinaware, crockery and earthenware			11,812	9,392	11,746
Woodenware	16	16	32,730	24,013	24,433
Household utensils, n.o.s.	16	16	7,190	4,713	8,355
Refrigerators, freezing apparatus, and parts	16	16	79,498	73,945	88,463
Laundry equipment	16	16	40,527	42,068	51,341
Stoves, ranges and parts	16	16	31,383	25,532	30,233
Floor covering	16	16	55,134	52,045	48,278
Furniture, n.o.s.	108,219	108,881	94,926	77,002	78,175
Furniture parts			3,893	2,892	4,779
Tools and parts, n.o.s.	16	16	8,009	4,382	4,808
Abrasives, other than crude	16	16	38,379	32,394	26,420
Bagging: burlap, cotton, gunny, and jute, n.o.s.	16	16	17,475	17,188	16,562
Bags: burlap, cotton, gunny, and jute, n.o.s.	16	16	8,285	6,044	6,989
Cotton cloth and cotton fabrics, n.o.s.	16	16	17,412	21,481	22,775
Cotton factory products	16	16	30,021	20,783	21,112
Synthetic fibre and yarns (rayon and nylon)	16	16	7,018	5,158	7,621
Cloth and fabrics, n.o.s.	16	16	14,630	10,901	10,617
Rope, cordage, and binder twine, n.o.s.	16	16	43,284	34,331	33,880
Boots, shoes, and findings, n.o.s.	16	16	13,219	9,069	11,086
Luggage and handbags, n.o.s.	16	16	1,115	806	676
Athletic, gymnasium, playground, and sporting equipment, n.o.s.	16	16	4,413	2,253	3,217
Games and toys	16	16	7,792	6,885	7,497
Liquors, alcoholic, n.o.s.			132,588	118,300	116,759
Wine	811,159	811,342	56,275	53,103	43,053
Liquors, malt			546,377	474,255	520,828
Beverages, n.o.s.			9,196	10,745	11,281

See footnotes at end of table.

TABLE 11 Traffic Handled in Year Ended December 31 — Concluded

	1955	1956	1957	1958	1959
tons (2,000 lbs.)					
Manufactures and miscellaneous — Concluded:					
Ice	16	16	20,467	13,789	10,442
Syrup and molasses, refined	21	21	144,742	141,104	130,920
Molasses, residual	21	21	53,599	63,045	84,414
Sugar	490,932	489,698	450,568	495,748	534,144
Candy and confectionery	16	16	90,069	83,469	81,522
Food products, n.o.s., in cans and packages, not frozen	1,428,992	1,511,230	1,424,459	1,474,708	1,419,692
Food products, n.o.s. frozen	21	21	49,687	40,664	47,875
Starch	16	16	125,541	101,221	104,186
Soap and cleaning and washing compounds	16	16	160,325	161,981	163,823
Matches	16	16	7,338	4,542	3,195
Feed, animal and poultry, n.o.s.	16	16	1,682,704	1,673,102	1,538,891
Manufactured tobacco, n.o.s.	16	16	10,094	8,537	9,317
Cigarettes	16	16	26,383	39,100	43,827
Containers, metal	16	16	175,183	171,967	172,491
Containers, wooden	16	16	19,609	17,553	21,452
Containers, fibreboard and paperboard, K.D.	16	16	86,071	82,748	87,770
Containers, n.o.s.	16	16	66,897	53,832	51,686
Containers, returned empty	16	16	261,309	226,429	246,043
Scrap iron and scrap steel			1,149,816	808,408	1,268,048
Iron and steel borings, turnings, etc.	1,478,422	1,999,799	66,052	34,521	50,728
Furnace slag			51,155	43,300	63,762
Waste materials for remelting, n.o.s.			314,306	234,561	310,861
Waste materials, n.o.s.	16	16	196,632	164,172	163,028
Manufactures and miscellaneous, n.o.s.	7,174,310	7,338,176	2,750,497	3,141,472	3,957,585
Total manufactures and miscellaneous	48,580,865	53,113,053	51,690,052	46,534,971	49,162,943
Grand totals, carload traffic	165,634,836	187,323,949	171,975,276	151,931,925	164,637,573
All L.C.L. freight	2,227,320	2,284,323	2,068,885	1,509,831	1,457,576
Grand totals, carload and L.C.L. traffic	167,862,156	189,608,272	174,044,161	153,441,756	166,095,149

- ¹ Included with "Grain n.o.s."
- ² Included with "Mill products, n.o.s."
- ³ Included with "Products of agriculture, n.o.s."
- ⁴ Included with "Fruits and berries, fresh, frozen."
- ⁵ Included with "Vegetables, fresh, frozen."
- ⁶ Included with "Poultry, live."
- ⁷ Included with "Packing house products, edible n.o.s."
- ⁸ Includes animals, n.o.s.
- ⁹ Included with "Meats, cooked, cured, dried, smoked and fresh, n.o.s."
- ¹⁰ Included with "Animals and products, n.o.s."
- ¹¹ Included with "Ores and concentrates, n.o.s."
- ¹² Included with "Products of mines, n.o.s."
- ¹³ Included with "Logs, posts, poles and piling etc."
- ¹⁴ Included with "Products of forests, n.o.s."
- ¹⁵ Included with "Chemicals and acids, n.o.s."
- ¹⁶ Included with "Manufactures and miscellaneous n.o.s."
- ¹⁷ Included with "Petroleum products, refined, n.o.s."
- ¹⁸ Included with "Metals and alloys, n.o.s."
- ¹⁹ Included with "Machines, machinery and parts, n.o.s."
- ²⁰ Included with "Automobiles, passenger and freight, n.o.s."
- ²¹ Included with "Food products, n.o.s. in cans and packages not frozen."

TABLE 12. Freight Cars in Service on December 31

	Number	Capacity	
		Total	Average
tons (2,000 lbs.)			
Automobile:			
1955	7,406	309,000	41,723
1956	6,370	267,890	42,055
1957	6,733	298,430	44,323
1958	6,722	297,980	44,329
1959	7,270	324,390	44,610
Ballast:			
1955	2,378	127,585	53,652
1956	2,156	113,405	52,600
1957	2,646	150,595	56,914
1958	2,708	155,305	57,350
1959	3,140	185,315	59,018

TABLE 12. Freight Cars in Service on December 31 - Concluded

	Number	Capacity	
		Total	Average
tons (2,000 lbs.)			
Box:			
1955	114,814	5,252,792	45.750
1956	118,353	5,454,477	46.087
1957	121,346	5,630,010	46.396
1958	117,604	5,480,130	46.598
1959	114,181	5,343,735	46.801
Flat:			
1955	12,037	549,446	45.646
1956	11,876	543,966	45.804
1957	11,975	552,174	46.111
1958	12,058	564,019	46.776
1959	12,270	576,114	46.953
Gondola:			
1955	18,592	1,197,829	64.427
1956	19,052	1,233,350	64.736
1957	19,904	1,298,734	65.250
1958	20,522	1,345,802	65.579
1959	20,428	1,341,115	65.651
Hopper:			
1955	12,247	791,305	64.612
1956	12,870	839,730	65.247
1957	13,788	906,850	65.771
1958	15,493	1,029,895	66.475
1959	15,601	1,039,805	66.650
Ore:			
1955	2,559	162,105	63.347
1956	5,465	437,645	80.081
1957	5,967	477,520	80.027
1958	6,004	477,745	79.571
1959	5,964	474,730	79.599
Refrigerator:			
1955	9,735	421,713	43.319
1956	9,906	430,635	43.492
1957	10,022	437,700	43.674
1958	10,184	445,740	43.769
1959	10,155	447,475	44.065
Stock:			
1955	5,776	198,735	34.407
1956	5,501	189,245	34.402
1957	5,141	176,055	34.245
1958	5,195	182,210	35.074
1959	5,025	178,860	35.594
Tank:			
1955	378	18,930	50.079
1956	389	19,060	48.997
1957	384	18,860	49.167
1958	382	18,780	49.162
1959	455	22,470	49.385
Other:			
1955	34	1,440	42.353
1956	16	940	58.750
1957	1	70	70.000
1958	21	670	31.905
1959	23	810	35.217
Totals:			
1955	185,956	9,030,880	48.565
1956	191,974 ¹	9,530,543	49.645
1957	197,907	9,947,018	50.261
1958	196,893	9,998,276	50.780
1959	194,512	9,934,819	51.076

¹ Includes 20 cars not specified as to type.

TABLE 13. Passenger Cars in Service on December 31

	1955	1956	1957	1958	1959
Self-propelled passenger train cars.....	75	90	129	139	128
Coach.....	2,058	1,799	1,597	1,486	1,409
Combination passenger.....	325	340	343	328	182
Colonist.....	226	178	136	124	96
Dining.....	201	186	183	174	159
Parlour.....	172	173	167	162	143
Sleeping.....	969	925	879	900	919
Baggage, express and postal.....	2,433	2,404	2,398	2,336	2,353
Other.....	115	112	110	84	67
Totals¹	6,574	6,220²	5,942	5,733	5,456
Cars in company service:					
Caboose.....	3,227	3,283	3,312	3,225	3,148
All other.....	15,967	16,106	16,274	16,322	16,273
Totals	19,194	19,389	19,586	19,547	19,421
Cars leased (included in above)	701	3,554	4,379	5,190	5,012
Motor vehicles in railway service.....	38	57	65	31	37
Other.....	—	4	1	36	37

¹ Includes Pullman Co. cars in Canadian service.² Includes 13 cars not specified as to type.

TABLE 14. Locomotives in Service on December 31

	1955	1956	1957	1958	1959
Locomotives:			number		
Steam:					
Coal burning.....	2,521	2,228	1,857	1,483	1,142
Oil burning.....	704	621	537	477	371
Diesel electric:					
"A" units.....	1,311	385	414	401	449
"B" units.....	144	144	161	175	180
Road switcher units.....	—	850	1,194	1,570	1,802
Yard switcher units.....	—	516	603	653	724
Electric.....	33	46	55	64	51
Totals	4,714¹	4,790	4,821	4,823	4,720
Leased (included in above).....	34	35	43	135	128
Tractive power, average pounds per locomotive.....	42,701	49,236	50,768	52,095	53,368

¹ Includes one gasoline locomotive.

TABLE 15. Fuel Consumed by Motive Power at December 31

	1955	1956	1957	1958	1959
Locomotives					
Consumption:					
Bituminous coal.....	ton	5,587.214	5,587.297	3,322.147	1,393.823
Fuel oil.....	gal.	209,772,971	231,192,474	155,590,345	91,021,295
Diesel oil.....	"	173,996,359	211,938,153	260,944,237	295,461,518
Gasoline.....	"	—	—	—	—
Cost:					
Bituminous coal.....	\$	48,316.658	52,060,431	33,148,990	14,231,574
Fuel oil.....	\$	12,664,375	13,642,421	9,425,022	4,107,486
Diesel oil.....	\$	23,953,034	29,135,542	36,706,285	40,265,144
Gasoline.....	\$	—	—	—	—
Average cost per ton or gal.					
Bituminous coal.....	\$	8.65	9.32	9.98	10.21
Fuel oil.....	¢	6.04	5.90	6.06	4.51
Diesel oil.....	¢	13.77	13.75	14.07	13.68
Gasoline.....	¢	—	—	—	—
Rail Motor Cars, etc.					
Consumption:					
Fuel oil.....	gal.	—	—	—	—
Diesel oil.....	"	811,705	1,485,688	2,882,997	4,068,693
Gasoline.....	"	59,555	98,724	105,937	82,625
Total cost.....	\$	127,324	230,855	439,899	549,926
					614,833

TABLE 16. Consumption of Fuel for Purposes Other than Locomotive Fuel in Year Ended December 31

		1955	1956	1957	1958	1959
Anthracite	ton	9,761	15,778	10,665	9,570	14,206
Bituminous	"	500,497	642,651	479,210	386,635	377,565
Lignite	"	353,728	342,902	290,240	248,771	255,256
Fuel oil	gal.	35,829,028	36,372,206	36,812,519	36,271,974	37,941,658
Diesel oil	"	4,398,077	6,475,890	6,884,040	7,302,408	6,790,643
Gasoline	"	3,221,252	3,041,456	2,750,397	2,597,286	2,716,579
Gas	cu. ft.	...	99,362,598	1,172,952,706	1,191,673,446	1,168,492,863

TABLE 17. Rails Laid in Track in Year Ended December 31

		1955	1956	1957	1958	1959
tons (2,000 lbs.)						
In previously constructed track:						
New open hearth		162,674	225,213	233,146	227,148	194,204
Relay		164,956	193,877	207,425	183,973	190,848
Other		2,052	2,544	4,446	1,757	247
Totals		329,682	421,634	445,017	412,878	385,299
In new track and extensions:						
New open hearth		2,337	10,873	19,299	21,758	3,302
Relay		39,823	44,460	35,630	43,816	26,287
Other		121	217	535	26	79
Totals		42,281	55,550	55,464	65,600	29,668

TABLE 18. Total Switch and Bridge Ties Placed in Track, Year Ended December 31

		1955	1956	1957	1958	1959
Treated—M bd. feet	No.	10,265	7,495	12,697	12,218	10,440
Average cost	\$	118.17	116.49	120.75	120.32	116.22
Untreated—M bd. feet	No.	4,066	5,491	4,107	2,883	1,956
Average cost	\$	90.70	109.03	105.19	97.06	108.07
Totals—M bd. feet	No.	14,331	12,986	16,804	15,101	12,396
Average cost	\$	110.38	113.33	116.95	115.88	114.93

TABLE 19. Cross-Ties Purchased, Year Ended December 31

		1955	1956	1957	1958	1959
number						
Hardwood:						
Beech		144,337	194,547	281,386	317,402	250,961
Birch		310,684	396,770	573,781	567,207	420,018
Maple		364,980	604,651	836,120	768,480	524,381
Oak		71,047	75,088	327,421	61,483	62,252
Other hardwood		43,639	47,116	43,043	34,776	29,583
Totals		934,687	1,318,172	2,061,751	1,749,348	1,287,195
Softwood:						
Cedar		6,254	14,105	6,221	8,217	6,793
Pine		532,613	1,005,856	1,579,167	531,305	328,956
Hemlock		175,179	288,643	604,132	191,350	84,336
Totals		3,027,693	3,962,087	5,976,686	3,679,659	2,792,759
Tamarack		14,857	11,930	18,968	4,062	1,004
Other softwood		26,579	41,182	85,378	43,317	26,618
Totals		3,811,827	5,323,803	8,270,552	4,474,058	3,240,466

TABLE 20. Cross-Ties Placed in Track, Year Ended December 31

		1955	1956	1957	1958	1959
In previously constructed track:						
Treated ties	No.	5,406,945	5,622,856	5,606,632	5,455,969	4,518,536
Untreated ties	"	465,081	352,231	424,447	320,408	216,840
Totals	"	5,872,026	5,975,087	6,031,079	5,776,377	4,735,376
In new track and extensions						
Treated ties	"	517,059	505,138	537,199	454,206	573,715
Untreated ties	"	37,929	186,756	472,470	695,506	21,439
Totals	"	554,988	691,894	1,009,669	1,149,712	595,154
Average cost:						
Treated ties	\$	3.24	3.14	3.09	3.02	3.08
Untreated ties	\$	1.85	2.09	1.86	1.68	1.84

TABLE 21. Persons Injured in Train and Non-Train Accidents and Dying after Twenty-four Hours,
Year Ended December 31

	1955	1956	1957	1958	1959
number					
Trainmen	2	2	1	2	1
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	—	—	—	—	—
Shopmen	1	4	1	2	—
Trackmen	1	2	1	2	3
Telegraph employees	—	—	—	—	—
Other employees	—	—	—	—	1
Passengers	1	—	—	—	3
Postal-Express - Pullman employees	—	—	—	—	—
Trespassers	—	1	—	—	—
Other persons	8	14	14	3	6
Totals	13	23	17	9	13

TABLE 22. Time Lost by Employees through Injuries Incurred in Train and Non-train Accidents,
Year Ended December 31

		Class of accident	1955	1956	1957	1958	1959
Trainmen							
Number	Train	1,208	1,184	936	728	754	
"	Non-train	111	114	148	126	104	
Days absent		43,503	51,933	33,462	30,818	31,536	
Switchtenders, watchmen, etc.							
Number	Train	139	195	138	109	127	
"	Non-train	30	35	37	28	30	
Days absent		5,779	8,023	7,564	5,324	5,302	
Stationmen							
Number	Train	14	12	11	4	5	
"	Non-train	380	362	272	256	239	
Days absent		12,641	9,802	7,942	8,294	7,141	
Shopmen							
Number	Train	22	42	35	26	16	
"	Non-train	1,047	1,117	1,016	764	739	
Days absent		29,585	29,965	25,549	23,313	22,941	
Trackmen							
Number	Train	81	109	121	80	76	
"	Non-train	940	807	919	836	760	
Days absent		43,312	41,652	35,394	35,390	35,950	
Telegraph employees							
Number	Train	6	7	12	10	5	
"	Non-train	136	102	121	129	119	
Days absent		5,150	4,044	3,457	4,010	3,542	
Other employees							
Number	Train	112	88	95	59	109	
"	Non-train	239	204	221	160	173	
Days absent		6,040	5,992	6,915	4,961	6,747	
Totals							
Number	Train	1,582	1,637	1,348	1,016	1,09%	
"	Non-train	2,885	2,741	2,734	2,299	2,164	
Days absent		146,010	151,411	120,283	112,110	113,159	

TABLE 23. Accidents Resulting from the Movement of Trains, Year Ended December 31

Causes	1955	1956	1957	1958	1959	number
Coupling and uncoupling	69	88	68	50	54	
Collisions - Between:						
Railway rolling stock	69	68	59	36	48	
Trains or locomotives and motor vehicles or horse-drawn vehicles:						
At highway crossings	352	449	371	310	424	
At other points	47	50	51	40	57	
Track cars or hand cars and motor vehicles or horse-drawn vehicles:						
At highway crossings	6	11	10	8	16	
At other points	1	6	3	2	6	
Pedestrians struck by trains or locomotives, cars or hand cars, etc.:						
At highway crossings	19	23	22	13	19	
At other points	144	173	161	137	127	
Derailments	96	76	61	84	71	
Locomotives or cars breaking down	12	—	2	1	18	
Getting on or off trains	363	398	348	271	255	
Falling from trains, locomotives or cars	114	134	92	97	92	
Striking overhead or other obstructions	29	34	31	12	28	
Other causes	1,001	907	737	592	602	
Totals	2,322	2,417	2,016	1,653	1,817	

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents - By Cause, Year Ended December 31

Causes	1955	1956	1957	1958	1959	Number of persons killed
Passengers						
Coupling and uncoupling	—	—	—	—	—	—
Collisions - Between:						
Railway rolling stock	—	2	—	—	—	2
Trains or locomotives and motor or horse-drawn vehicles:						
At highway crossings	—	—	—	—	—	5
At other points	—	—	—	—	—	—
Track or hand cars and motor or horse-drawn vehicles:						
At highway crossing	—	—	—	—	—	—
At other points	—	1	—	—	—	—
Pedestrians struck by trains, locomotives or cars:						
At highway crossings	—	—	—	—	—	—
At other points	1	—	—	—	—	—
Derailments	—	—	—	—	—	2
Locomotives or cars breaking down	—	—	—	—	—	—
Getting on or off trains	—	2	—	—	—	—
Falling from trains, locomotives or cars	—	—	2	—	—	—
Striking overhead or other obstructions	—	—	—	—	—	—
Other causes	—	2	—	1	—	—
Totals	1	7	2	1	9	
Employees						
Coupling and uncoupling	1	2	—	3	—	
Collisions - Between:						
Railway rolling stock	9	16	9	5	8	
Trains or locomotives and motor or horse-drawn vehicles:						
At highway crossings	1	1	—	—	—	—
At other points	—	—	1	1	—	—
Track or hand cars and motor or horse-drawn vehicles:						
At highway crossings	1	1	—	—	—	—
At other points	—	1	—	—	—	—
Pedestrians struck by trains, locomotives or cars:						
At highway crossings	—	—	—	—	—	—
At other points	11	13	4	7	11	
Derailments	5	4	2	2	2	
Locomotives or cars breaking down	1	—	—	—	—	—
Getting on or off trains	1	3	2	3	1	
Falling from trains, locomotives or cars	3	3	2	7	2	
Striking overhead or other obstructions	—	1	2	—	3	
Other causes	6	10	5	5	3	
Totals	39	55	27	33	30	

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents—By Cause, Year Ended December 31—Concluded

Causes	1955	1956	1957	1958	1959
	Number of persons injured				
Passengers					
Coupling and uncoupling	16	—	—	—	—
Collisions—Between:					
Railway rolling stock	93	9	14	4	74
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	1	—	1	—	21
At other points	—	—	—	—	—
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	—	—	—	—	—
At other points	—	—	—	—	—
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	1
At other points	4	1	—	—	1
Derailments	4	15	79	18	20
Locomotives or cars breaking down	—	—	2	—	—
Getting on or off trains	19	5	18	11	2
Falling from trains, locomotives or cars	3	8	—	3	2
Striking overhead or other obstructions	—	—	—	—	—
Other causes	48	46	29	47	30
Totals	188	84	143	83	151
Employees					
Coupling and uncoupling	72	85	67	46	50
Collisions—Between:					
Railway rolling stock	46	74	56	37	68
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	8	15	2	7	5
At other points	3	7	2	1	3
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	8	22	19	7	12
At other points	1	2	3	2	5
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	1	—	—	—
At other points	17	32	24	20	15
Derailments	32	37	31	22	24
Locomotives or cars breaking down	4	—	4	1	18
Getting on or off trains	342	384	323	244	245
Falling from trains, locomotives or cars	104	109	76	78	78
Striking overhead or other obstructions	22	25	28	11	26
Other causes	923	844	711	542	543
Totals	1,582	1,637	1,348	1,016	1,092

TABLE 25. Persons Killed and Injured in Train Accidents—By Class of Victim, Year Ended December 31

Class of person	1955	1956	1957	1958	1959
	Number of persons killed				
Employees:					
Trainmen	19	30	14	17	8
Switchenders, watchmen, etc.	2	3	1	2	4
Stationmen	2	—	—	—	1
Shopmen	2	2	2	—	3
Trackmen	12	16	6	13	13
Telegraph employees	—	2	2	—	1
Other employees	2	2	2	1	—
Total employees	39	55	27	33	30
Passengers	1	7	2	1	9
Postal—Express—Pullman employees	1	1	—	—	3
Trespassers	71	62	84	78	65
Other persons	180	214	197	192	196
Grand totals	292	359	310	304	303
Suicides	6	11	10	8	4

TABLE 25. Persons Killed and Injured in Train Accidents—By Class of Victim, Year Ended December 31—Concluded

Class of person	1955	1956	1957	1958	1959
Number of persons injured ¹					
Employees:					
Trainmen	1,208	1,184	936	728	754
Switchtenders, watchmen, etc.	139	195	138	109	127
Stationmen	14	12	11	4	5
Shopmen	22	42	35	26	16
Trackmen	81	109	121	80	76
Telegraph employees	6	7	12	10	5
Other employees	112	88	95	59	109
Total employees	1,582	1,637	1,348	1,016	1,092
Passengers	188	84	143	83	151
Postal—Express—Pullman employees	18	20	18	13	14
Trespassers	61	56	77	51	56
Other persons	413	514	432	299	505
Grand totals	2,262	2,311	2,018	1,462	1,818
Attempted suicides	1	2	2	1	—

¹ See page 22 for time lost through injuries.

TABLE 26. Persons Killed and Injured in Non-Train Accidents—By Cause, Year Ended December 31

Causes	1955	1956	1957 ^r	1958	1959
Number of persons killed					
Handling traffic	—	2	—	—	—
Handling machinery, tools, etc.	—	5	2	3	3
Getting on or off locomotives and cars at rest	1	—	—	—	1
Other causes	14	13	13	20	9
Totals	15	20	15	23	13
Number of persons injured ¹					
Handling traffic	353	258	215	159	334
Handling machinery, tools, etc.	503	522	744	741	551
Getting on or off locomotives and cars at rest	100	105	116	95	92
Other causes	2,036	1,957	1,762	1,427	1,281
Totals	2,992	2,842	2,837	2,422	2,258

¹ See page 22 for time lost through injuries.

TABLE 27. Persons Killed and Injured in Non-Train Accidents—By Class of Victim, Year Ended December 31

Class of person	1955	1956	1957	1958	1959
Number of persons killed					
Employees:					
Trainmen	1	—	—	—	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	—	1	—	2	—
Shopmen	—	2	2	2	3
Trackmen	5	12	5	7	8
Telegraph employees	—	1	2	—	1
Other	3	—	—	2	—
Totals	9	16	9	13	12
Passengers	—	—	—	—	—
Postal clerks—Express—Pullman employees	—	—	2	1	1
Trespassers	1	1	3	2	—
Other persons	5	3	1	7	—
Grand totals	15	20	15	23	13
Suicides	—	—	1	1	1

RAILWAY TRANSPORT

TABLE 27. Persons Killed and Injured in Non-Train Accidents—By Class of Victim, Year Ended December 31—Concluded

Class of person	1955	1956	1957	1958	1959
Number of persons injured ¹					
Employees:					
Trainmen	111	114	148	126	104
Switchtenders, watchmen, etc.	30	35	37	28	30
Stationmen	380	362	272	256	239
Shopmen	1,047	1,117	1,016	764	739
Trackmen	940	807	919	836	760
Telegraph employees	138	102	121	129	119
Other	239	204	221	160	173
Totals	2,885	2,741	2,734	2,299	2,164
Passengers	47	42	50	41	42
Postal clerks—Express—Pullman employees	25	16	11	25	24
Trespassers	11	6	17	12	1
Other persons	24	37	25	45	27
Grand totals	2,992	2,842	2,837	2,422	2,258
Attempted suicides	1	1	1	1	—

¹ See page 22 for time lost through injuries.

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, Year Ended December 31

	Employees and passengers		Pedestrians		Riding in				Total	
	Urban	Rural	Urban	Rural	Motor vehicles		Other vehicles			
					Urban	Rural	Urban	Rural	Urban	Rural
Number of persons killed										
Protected by gates:										
1955	—	—	2	—	2	—	—	—	4	—
1956	—	—	1	—	2	—	—	—	3	—
1957	—	—	1	1	—	—	—	—	1	—
1958	—	—	3	—	2	—	—	—	5	—
1959	—	—	2	—	1	—	—	—	3	—
Protected by automatic signals:										
1955	—	—	4	—	20	7	—	—	24	7
1956	—	—	2	—	17	11	—	—	19	11
1957	—	—	1	1	9	18	—	—	10	19
1958	—	—	2	—	8	14	—	—	10	14
1959	—	—	5	1	13	10	2	4	20	15
Protected by watchmen:										
1955	—	—	1	—	—	1	—	—	1	1
1956	—	—	1	—	3	—	—	—	4	—
1957	—	—	—	—	—	—	—	—	—	—
1958	—	—	—	—	—	1	—	—	—	1
1959	—	—	—	—	—	1	—	—	—	1
Total at protected crossings:										
1955	—	—	7	—	22	8	—	—	29	8
1956	—	—	4	—	22	11	—	—	26	11
1957	—	—	2	2	9	18	—	—	11	20
1958	—	—	5	—	10	15	—	—	15	15
1959	—	—	7	1	14	11	2	4	23	16
Unprotected:										
1955	—	1	2	1	25	91	—	—	27	93
1956	—	2	3	5	31	112	—	2	34	121
1957	—	—	2	3	35	106	—	1	37	110
1958	—	—	1	1	26	108	—	1	27	110
1959	—	5	2	1	40	72	6	14	48	92
Grand totals:										
1955	—	1	9	1	47	99	—	—	56	101
1956	—	2	7	5	53	123	—	2	60	132
1957	—	—	4	5	44	124	—	1	48	130
1958	—	—	6	1	36	123	—	1	42	125
1959	—	5	9	2	54	83	8	18	71	108

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, Year Ended December 31 — Concluded

	Employees and passengers		Pedestrians		Riding in				Total	
					Motor vehicles		Other vehicles			
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Number of persons injured										
Protected by gates:										
1955.....	1	—	3	—	4	7	—	—	8	7
1956.....	—	—	3	—	3	—	—	—	6	—
1957.....	—	—	—	—	1	—	—	—	1	—
1958.....	—	—	1	1	1	—	—	—	2	1
1959.....	2	—	1	—	4	—	—	—	7	—
Protected by automatic signals:										
1955.....	35	—	1	—	30	13	—	—	66	13
1956.....	1	—	2	—	48	36	7	—	58	36
1957.....	4	—	2	1	49	32	—	—	55	33
1958.....	—	2	1	—	28	20	1	—	30	22
1959.....	—	1	2	—	39	10	6	11	47	22
Protected by watchmen:										
1955.....	—	—	1	—	17	—	—	—	18	—
1956.....	2	1	—	—	7	1	—	—	9	2
1957.....	—	—	1	—	6	3	—	—	7	3
1958.....	1	—	—	—	6	3	—	—	7	3
1959.....	—	—	—	—	9	3	—	—	9	3
Total at protected crossings:										
1955.....	36	—	5	—	51	20	—	—	92	20
1956.....	3	1	5	—	58	37	7	—	73	38
1957.....	4	—	3	1	56	35	—	—	63	36
1958.....	1	2	2	1	35	23	1	—	39	26
1959.....	2	1	3	—	52	13	6	11	63	25
Unprotected:										
1955.....	3	10	2	—	119	170	—	—	124	180
1956.....	8	24	2	3	143	200	4	—	157	227
1957.....	5	11	5	3	84	196	—	—	94	210
1958.....	4	6	2	2	77	130	1	—	84	138
1959.....	5	30	2	1	149	149	43	19	199	199
Grand totals:										
1955.....	39	10	7	—	170	190	—	—	216	200
1956.....	11	25	7	3	201	237	11	—	230	265
1957.....	9	11	8	4	140	231	—	—	157	246
1958.....	5	8	4	3	112	153	2	—	123	164
1959.....	7	31	5	1	201	162	49	30	262	224

TABLE 29. Highway Crossings at December 31

No.		Protected by										
		Gates		Bridges		Subways		Automatic signals		Watchmen		
		Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	
number												
Newfoundland:												
1	1955	—	—	—	1	—	1	1	1	—	—	
2	1956	—	—	—	1	—	1	1	1	—	—	
3	1957	—	—	—	1	—	1	1	1	—	—	
4	1958	—	—	—	1	—	1	3	2	—	—	
5	1959	—	—	1	3	—	1	3	2	—	—	
Prince Edward Island:												
6	1955	—	—	1	—	—	5	5	11	1	—	
7	1956	—	—	1	—	—	5	5	12	1	—	
8	1957	—	—	1	—	—	5	5	12	1	—	
9	1958	—	—	1	—	—	5	5	12	1	—	
10	1959	—	—	1	—	—	5	5	12	1	—	
Nova Scotia:												
11	1955	7	—	23	13	14	26	45	86	6	1	
12	1956	7	—	23	14	15	26	48	91	5	—	
13	1957	7	—	23	14	16	26	49	101	5	—	
14	1958	6	—	21	15	10	30	52	100	5	—	
15	1959	6	2	21	15	10	31	56	113	5	—	
New Brunswick:												
16	1955	8	—	9	26	16	34	33	79	—	—	
17	1956	8	—	9	26	15	34	32	87	—	—	
18	1957	8	—	10	27	15	34	37	98	—	—	
19	1958	8	1	10	29	13	34	43	100	—	—	
20	1959	8	—	11	33	13	33	47	116	—	—	
Quebec:												
21	1955	53	1	33	44	154	85	133	183	3	1	
22	1956	59	1	34	43	158	82	148	193	3	—	
23	1957	61	1	37	44	159	83	156	217	3	—	
24	1958	64	2	39	45	163	83	165	253	3	—	
25	1959	59	4	43	51	164	82	197	262	2	—	
Ontario:												
26	1955	95	8	147	202	272	185	406	476	22	1	
27	1956	92	8	146	209	271	184	437	481	26	5	
28	1957	98	17	150	217	270	184	452	490	26	3	
29	1958	104	25	172	238	304	190	483	492	25	3	
30	1959	107	31	183	250	305	189	516	518	24	3	
Manitoba:												
31	1955	10	3	4	5	30	13	28	6	3	—	
32	1956	10	4	4	6	29	13	29	7	3	—	
33	1957	10	4	4	6	29	13	32	9	3	—	
34	1958	16	4	4	6	30	13	33	12	3	—	
35	1959	19	4	4	8	30	13	36	16	3	—	
Saskatchewan:												
36	1955	—	2	6	21	21	40	21	8	1	—	
37	1956	—	2	6	21	21	41	23	9	1	—	
38	1957	—	2	6	22	21	41	25	16	—	—	
39	1958	2	2	6	22	21	42	26	20	—	—	
40	1959	3	2	6	22	21	42	31	29	—	—	
Alberta:												
41	1955	9	—	10	23	25	51	20	32	—	—	
42	1956	10	—	8	23	26	52	22	40	—	—	
43	1957	12	—	8	26	28	51	25	54	—	—	
44	1958	13	—	9	27	29	50	32	61	—	—	
45	1959	15	—	9	31	29	50	37	70	—	—	
British Columbia:												
46	1955	5	6	32	51	7	48	33	19	4	—	
47	1956	6	7	31	51	7	46	31	22	4	—	
48	1957	7	8	30	54	6	46	40	26	3	—	
49	1958	7	6	31	57	7	49	37	27	3	7	
50	1959	6	9	23	66	8	48	36	37	4	—	
Total - Canada:												
51	1955	187	20	265	386	539	488	725	901	40	3	
52	1956	192	22	262	394	542	484	776	943	43	7	
53	1957	203	32	269	411	544	484	822	1,024	42	4	
54	1958	220	40	293	440	577	497	879	1,079	40	12	
55	1959	223	52	302	479	580	494	966	1,175	39	4	
United States:												
56	1955	3	1	2	7	9	10	8	19	5	—	
57	1956	3	1	2	7	9	10	8	20	5	—	
58	1957	2	1	3	7	9	10	8	20	5	—	
59	1958	2	1	3	7	9	11	8	20	5	—	
60	1959	2	1	3	7	9	11	8	20	5	1	

TABLE 29. Highway Crossings at December 31

Total protected			Unprotected			Grand total			No.
Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	
				number					
1	3	4	29	228	257	30	231	261	1
1	3	4	37	235	272	38	238	276	2
1	3	4	48	237	285	49	240	289	3
3	4	7	67	222	289	70	226	296	4
4	6	10	66	221	287	70	227	297	5
7	16	23	35	212	247	42	228	270	6
7	17	24	35	211	246	42	228	270	7
7	17	24	35	211	246	42	228	270	8
7	17	24	39	212	251	46	229	275	9
7	17	24	39	214	253	46	231	277	10
95	126	221	189	671	860	284	797	1,081	11
98	132	230	186	666	852	284	798	1,082	12
100	141	241	186	657	843	286	798	1,084	13
94	145	239	215	606	821	309	751	1,060	14
98	161	259	211	586	797	309	747	1,056	15
66	139	205	127	713	840	193	852	1,045	16
64	147	211	127	705	832	191	852	1,043	17
70	159	229	121	669	810	191	848	1,039	18
74	164	238	144	669	813	218	833	1,051	19
79	182	261	141	646	787	220	828	1,048	20
376	314	690	498	2,029	2,527	874	2,343	3,217	21
402	320	722	499	2,013	2,512	901	2,333	3,234	22
416	346	762	501	2,024	2,525	917	2,370	3,287	23
434	384	818	517	2,002	2,519	951	2,386	3,337	24
465	400	865	569	1,919	2,488	1,034	2,319	3,353	25
942	872	1,814	1,653	5,119	6,772	2,595	5,991	8,586	26
872	887	1,859	1,664	5,008	6,672	2,636	5,895	8,531	27
946	911	1,907	1,662	4,972	6,634	2,658	5,883	8,541	28
1,038	948	2,036	1,758	4,874	6,632	2,846	5,822	8,668	29
1,136	991	2,126	1,753	4,839	6,592	2,888	5,830	8,718	30
75	27	102	536	3,786	4,332	611	3,813	4,424	31
75	30	105	569	3,768	4,337	644	3,798	4,442	32
78	32	110	571	3,725	4,296	649	3,757	4,406	33
86	35	121	576	3,732	4,308	662	3,767	4,429	34
94	41	135	574	3,731	4,305	668	3,772	4,440	35
49	71	120	433	7,584	8,017	482	7,655	8,137	36
51	73	124	431	7,586	8,017	482	7,659	8,141	37
53	81	134	432	7,593	8,025	485	7,674	8,159	38
55	86	141	435	7,652	8,087	490	7,738	8,228	39
61	95	156	428	7,563	7,991	489	7,658	8,147	40
64	106	170	390	3,985	4,375	454	4,091	4,545	41
66	115	181	387	3,992	4,379	453	4,107	4,560	42
73	131	204	388	3,946	4,334	461	4,077	4,538	43
83	138	221	392	3,936	4,328	475	4,074	4,549	44
90	151	241	392	3,934	4,326	482	4,085	4,567	45
81	124	205	387	927	1,314	468	1,051	1,519	46
79	126	205	357	869	1,226	436	995	1,431	47
86	134	220	361	839	1,200	447	973	1,420	48
85	146	231	355	843	1,198	440	989	1,429	49
77	160	237	337	616	1,153	414	976	1,390	50
1,756	1,798	3,554	4,277	25,254	29,531	6,033	27,052	33,085	51
1,815	1,850	3,665	4,292	25,053	29,345	6,107	26,903	33,010	52
1,880	1,955	3,835	4,305	24,893	29,198	6,185	26,848	33,033	53
2,009	2,067	4,076	4,498	24,748	29,246	6,507	26,815	33,322	54
2,110	2,204	4,314	4,510	24,469	28,979	6,620	26,673	33,293	55
37	37	64	25	94	119	52	131	183	56
37	38	65	25	93	118	52	131	183	57
37	39	66	25	95	120	52	134	186	58
37	40	67	26	102	128	53	142	195	59
37	40	67	26	102	128	53	142	195	60

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