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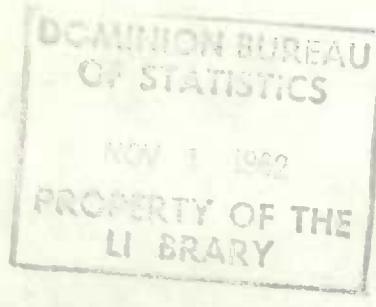


RAILWAY TRANSPORT

1961

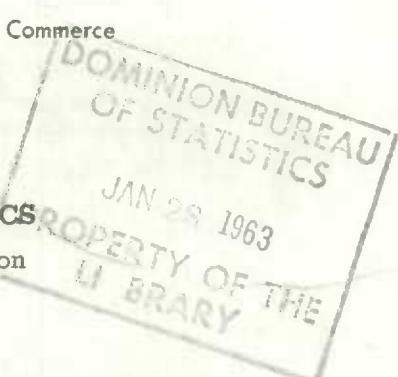
PART I

(Comparative Summary Statistics 1957-61)



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SYMBOLS

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

.. figures not available.

- nil or zero.

RAILWAY TRANSPORT

1961

PART I

(Comparative Summary Statistics 1957-61)

Track Mileage

Miles of first main track operated by common carrier railways in Canada totalled 43,689 at the close of 1961, down 340 miles from the previous year and 201 miles from 1957. The total mileage of all tracks, including first main, second and other main, industrial, yard tracks and sidings, declined 315 miles during the five-year period.

Investments, Capital and Reserves

Investments by the railways, in road and equipment property in 1961, amounted to nearly \$86 million, lower than in any of the other years under review. Total investments to December 31, 1961 were \$6,830 million.

Railway capital at \$4,983 million increased \$12 million from 1960 and \$653 million from 1957. Reserves, other liabilities and deferred credits aggregated \$1,993 million, up from \$1,888 million a year previous and \$1,622 million three years earlier.

Operations

Railway operating revenues in 1961 totalled \$1,156 million, an increase of 0.4 per cent from the previous year and an 8.4 per cent decline from 1957. Freight receipts accounted for 87.6 per cent of all operating revenues in 1961 as compared with 86.2 per cent in 1960 and 85.5 per cent in 1957. Passenger revenues contributed only 5.3 per cent to the 1961 total as against 6.0 per cent a year earlier and 6.9 per cent in 1957.

Railway operating expenses, including rents and taxes, aggregated \$1,114 million in 1961, up 0.4 per cent from 1960 but down 7.4 per cent from 1957. The operating ratio (the ratio of the operating expenses to operating revenues) was 96.36 in 1961; 96.34 in 1960; and 95.28 in 1957.

Revenue freight traffic, excluding that interchanged between Canadian railways, totalled 153.1 million tons, down 3.4 per cent from the previous

year and 12.0 per cent from 1957. Ton-miles in 1961 rose to 65.8 billion from 65.4 billion in 1960 but were down considerably from 71.0 billion four years earlier. The average length of haul at 430 miles in 1961 exceeded all other years under review except 1958.

Passenger traffic, as indicated by revenues received from this source, has steadily declined throughout the five-year period presented in this report. The number of persons carried by railways in 1961 totalled 18.8 million in contrast to 19.5 million in 1960 and 23.0 million in 1957.

Equipment

Freight cars in service in 1961, excluding privately-owned equipment, numbered 186,387, down sharply from 191,553 in 1960 and 197,907 in 1957. The average capacity increased, however, rising to 51.65 tons in 1961 from 51.38 a year earlier and 50.26 in 1957. Passenger-train cars declined to 4,737 units in 1961 from 5,119 in 1960 and 5,942 four years earlier.

Locomotives totalled 3,547 in 1961 some 205 units fewer than in 1960 and 1,274 less than 1957. Steam locomotives declined to 197 units, while diesels at 3,309 remained virtually unchanged, from the previous year. In 1957 there were 2,394 steam locomotives and 2,372 diesels in service.

Fuel

Indicative of the decline in the number of steam locomotives in service, consumption of bituminous coal and fuel oil fell sharply during 1961. Diesel oil at 338 million gallons was down slightly from 341 million gallons used the previous year but up considerably from 261 million gallons in 1957. The average cost of diesel oil stood at 13.16 cents per gallon in 1961, down from 13.25 in 1960 and 14.07 cents in 1957.

Accidents

A total of 228 persons was killed and 1,451 injured in train accidents during the year 1961 as compared with 262 deaths and 1,586 injuries a year earlier. Of the 1961 total, 138 employees, passengers and pedestrians were killed and 388 were injured in accidents occurring at highway crossings. A further breakdown of these 138 fatalities shows that 106 persons died at unprotected crossings as against 32 at those protected by gates, signals or watchmen.

A total of 89,197 days was lost by employees through injuries incurred in train and non-train accidents during 1961. This compares with 102,714 days a year earlier and 120,283 days in 1957.

Highway Crossings

Highway crossings in Canada at the close of 1961 numbered 33,149, down from 33,500 in 1960. Of the 1961 total, 5,020 were protected and 23,477 were unprotected crossings.

September 6, 1962

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

	1957	1958	1959	1960	1961
	number				
First main track:					
Newfoundland	934	934	934	934	933
Prince Edward Island	285	285	285	284	279
Nova Scotia	1,370	1,336	1,333	1,316	1,298
New Brunswick	1,818	1,818	1,818	1,783	1,783
Quebec	5,097	5,096	5,228	5,228	5,224
Ontario	10,513	10,466	10,421	10,245	10,188
Manitoba	5,005	5,004	5,004	5,056	4,954
Saskatchewan	8,721	8,721	8,721	8,721	8,606
Alberta	5,680	5,680	5,680	5,679	5,689
British Columbia	4,070	4,388	4,388	4,386	4,338
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	43,890	44,125	44,209	44,029	43,688
Second main track:					
	2,471	2,444	2,350	2,243	2,150
Other main track	45	48
Industrial track	1,208	1,216	1,219	1,248	1,262
Yard track and sidings	11,528	11,534	11,616	11,628	11,633
Totals all tracks	59,097	59,319	59,394	59,193	58,782
Gauge of first main track:					
4 ft. 8 1/2 inches	43,071	43,306	43,391	43,211	42,870
3 ft. 6 inches	729	729	728	728	729
3 ft.	90	90	90	90	90
First main track owned but not operated	38	22	21	21	21

¹ Excludes line operated under trackage rights.TABLE 2. First Main Track Mileage by Area, at December 31¹

	1957	1958	1959	1960	1961
	number				
Newfoundland					
Increase over previous year	—	—	—	—	D 1.00
Prince Edward Island					
Increase over previous year	284.80	284.80	284.80	284.50	278.60
Nova Scotia					
Increase over previous year	D 1,370.00 21.40	D 1,335.70 34.30	D 1,333.30 2.40	D 1,316.30 17.00	D 1,298.00 18.30
New Brunswick					
Increase over previous year	1,817.70 19.00	1,817.70 —	1,817.70 —	1,782.70 35.00	D 1,782.60 0.10
Quebec					
Increase over previous	5,096.60 156.80	D 5,095.90 0.70	D 5,228.20 132.30	D 5,227.50 0.70	D 5,223.80 3.70
Ontario					
Increase over previous year	D 10,513.50 2.50	D 10,466.60 46.90	D 10,421.00 45.80	D 10,245.20 175.80	D 10,188.50 58.70
Manitoba					
Increase over previous year	5,004.60 30.60	D 5,004.50 0.10	D 5,004.50 —	D 5,055.90 51.40	D 4,953.70 102.20
Saskatchewan					
Increase over previous year	8,720.90 0.10	D 8,720.80 0.10	D 8,720.60 0.20	D 8,721.00 0.40	D 8,606.50 114.50
Alberta					
Increase over previous year	5,680.00 0.10	D 5,679.50 0.50	D 5,679.70 0.20	D 5,678.60 1.10	D 5,688.90 10.30
British Columbia					
Increase over previous year	4,070.60 55.50	D 4,388.40 317.80	D 4,388.10 0.30	D 4,386.20 1.90	D 4,337.90 48.30
Yukon					
Increase over previous year	57.70 —	57.70 —	57.70 —	57.70 —	57.70 —
United States					
Increase over previous year	339.10 —	339.10 —	339.10 —	339.20 1.10	339.40 0.20
Totals					
Increase over previous year	43,890.10 238.00	44,125.30 235.20	44,208.90 83.60	44,029.00 D 179.90	43,688.80 D 340.20

¹ Excludes line operated under trackage rights.
D—Decrease.

TABLE 3. Investments in Road and Equipment Property at December 31

	1957	1958	1959	1960	1961
dollars					
Investment changes during the year:					
Road	226,971,459	174,390,869	134,823,880	113,587,736	72,244,687
Equipment	189,383,255	133,068,199	78,487,442	Cr. 12,920,826	Cr. 30,683,878
General.....	Cr. 77,635,769	Cr. 1,673,544	Cr. 816,428	Cr. 35,546	3,152,244
Undistributed (see below).....	16,761,171	2,253,817	42,668,998	6,742,707	40,971,544
Totals	355,480,118	308,039,341	255,163,692	107,374,071	85,684,597
Total investments to December 31.....	6,074,129,038 ¹	6,382,168,379	6,637,332,271	6,744,706,342	6,830,390,939
Undistributed:					
Non-rail property:					
Canadian National Railways.....	6,573,570	6,017,011	1,861,030	6,538,741	15,506,157
Canadian Pacific Railway Company	9,943,881	Cr. 3,825,030	36,878,761	122,830	25,492,752
Other railways.....	243,720	61,836	3,929,207	81,136	Cr. 27,365
Totals	16,761,171	2,253,817	42,668,998	6,742,707	40,971,544

¹ Includes investments totalling \$11,188,835 of the British Columbia Electric Railway which reported for the first time in the railway transport series.

TABLE 4. Railway Capital at December 31

	1957	1958	1959	1960	1961
dollars					
Stocks					
Stocks	2,272,913,039	2,354,013,053	2,376,415,625	2,433,278,796	2,455,989,031
Debenture stock	292,646,644	292,646,644	292,646,644	292,548,888	292,548,888
Funded debt	1,764,660,210	1,953,114,828	2,122,675,213	2,244,571,812	2,234,316,735
Totals	4,330,219,893	4,599,774,523	4,791,737,482	4,970,399,496	4,982,854,654

TABLE 5. Funded Debt Guaranteed at December 31, 1961

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	—	235,000	235,000
Canadian National Railways.....	1,636,100,000	—	1,636,100,000
Canadian Northern Ontario Railway.....	—	—	—
Canadian Northern Alberta Railway.....	—	—	—
Grand Trunk Pacific Railway	34,464,204	—	34,464,204
Grand Trunk Railway	88,972	—	88,972
Totals	1,670,653,176	—	1,670,653,176
Ontario Northland Railway	—	8,044,000	8,044,000
Pacific Great Eastern Railway	—	110,116,600	110,116,600
Grand totals	1,670,653,176	118,395,600	1,789,048,776

TABLE 6. Reserves, Other Liabilities and Deferred Credits at December 31¹

	1957	1958	1959	1960	1961
dollars					
Depreciation reserves:					
Road and equipment	1,398,893,774	1,464,780,999	1,553,177,751	1,605,833,495	1,672,107,680
Other properties	88,456,681	85,778,147	94,838,841	91,728,040	106,866,009
Other reserves:					
Pension and welfare	7,458,944	7,867,051	8,376,995	8,269,039	8,485,589
Insurance	28,600,762	28,609,623	28,619,651	29,014,278	29,424,374
Equalization	116,000	103,899	111,026	91,602	89,139
Other liabilities and deferred credits:					
Interest in default	4,999,622	—	—	—	—
Other deferred liabilities	18,986,795	16,492,234	14,033,856	18,378,968	17,615,227
Tax equalization reserve	33,116,835	35,634,017	73,889,940	87,142,624	100,398,259
Premium on funded debt	—	—	—	—	—
Other unadjusted credits	40,957,551	37,333,989	36,310,583	36,382,589	39,777,533
Reserve for investments	795,713	2,285,091	6,117,773	10,814,636	18,243,786
Totals	1,622,382,677	1,678,885,050	1,815,476,416	1,887,655,271	1,993,007,596

¹ Includes United States lines of Canadian National and Canadian Pacific Railways.TABLE 7. Income and Retained Income Accounts, at December 31¹

	1957	1958	1959	1960	1961
dollars					
Income account					
Railway operating revenues	1,263,147,930	1,163,735,417	1,224,567,928	1,151,655,456	1,156,480,700
Railway operating expenses ²	1,150,055,128	1,083,342,821	1,106,158,160	1,049,581,887	1,053,229,206
Net railway operating revenues	113,092,802	80,392,596	118,409,768	102,073,569	103,251,494
Tax accruals	53,475,018	48,934,683	60,148,564	59,888,539	61,203,319
Railway operating income	59,617,784	31,457,913	58,281,204	42,185,030	42,048,175
Other income:					
Rail and non-rail ³	30,173,795	18,996,399	21,742,363	25,545,534	16,198,145
Gross income	89,791,579	50,454,312	80,003,567	67,730,564	58,246,320
Deductions:					
Other rents	555,111	443,798	390,903	370,018	390,734
Separately operated properties—loss	14,424	1,134	—	443,838	—
Income transferred to other companies	—	—	—	—	—
Other income charges	1,284,197	367,837	1,542,690	1,268,877	325,072
Provision for income tax—other	752,791	825,230	809,286	1,364,569	1,732,021
Fixed charges ⁴	57,633,170	70,075,548	76,111,172	92,914,721	85,529,106
Totals	60,239,693	71,713,547	78,854,051	96,362,023	87,976,933
Net income	29,551,886	Dr. 21,259,235	1,149,516	Dr. 28,631,459	Dr. 29,730,613
Retained income					
Dividend appropriations	28,394,886	27,277,094	28,749,308	61,462,274	34,320,011
Other appropriations and misc. debits	8,854,904	Ct. 5,511,002	2,393,668	3,788,173	2,352,590
Total debits	37,249,790	21,766,092	31,142,974	65,230,447	36,672,601
Total credits	45,237,403	76,315,349	50,726,175	72,886,018	60,983,846
Balance to general balance sheet	Ct. 37,530,499	Ct. 33,290,022	Ct. 20,732,717	Ct. 20,975,888	Ct. 14,580,632

¹ Excludes pullman, tunnel and bridge company data.² Includes equipment rents and joint facility rents.³ Includes net income of express, commercial communications, highway transport (rail) and non-rail operations.⁴ Includes rent for leased roads, interest on funded and unfunded debt, etc.

TABLE 8. Gross Earnings, Year Ended December 31

	1957	1958	1959	1960	1961
dollars					
Operating revenues:					
Railway line:					
Freight	1,080,053,400	995,853,940	1,058,009,762	992,739,695	1,012,969,006
Passenger	86,851,789	77,318,387	73,587,794	69,154,309	61,229,591
Baggage	361,424	296,432	267,034	307,093	275,504
Sleeping, parlour and chair car	11,893,425	10,434,058	10,766,016	10,227,842	8,587,575
Mail	15,397,282	15,171,791	17,679,091	17,432,364	16,905,032
Express	22,408,506	22,348,264	23,069,446	21,779,676	16,121,148
Other passenger train	21,353	20,137	21,169	27,793	24,537
Milk	451,171	336,291	258,384	193,789	167,383
Switching	9,652,416	8,536,836	8,203,102	7,728,402	7,135,785
Water transfers - Freight	935,070	1,043,008	1,756,263	1,733,109	1,626,927
" " " - Passenger	139,382	129,192	173,500	179,100	186,100
Totals	1,228,165,218	1,131,488,336	1,193,791,561	1,121,503,172	1,125,228,588
Incidental:					
Dining and buffet car	8,814,497	7,223,064	7,201,090	7,008,090	6,120,676
New service and restaurant	4,045,984	3,707,471	3,781,428	3,573,583	3,235,191
Station, train, etc., privileges	711,237	640,680	652,218	637,415	556,740
Storage - Parcels and baggage	225,684	152,736	137,850	100,104	77,865
Storage - Freight	480,789	390,183	422,494	329,986	416,892
Demurrage	4,717,878	3,528,272	3,878,475	3,681,627	3,169,844
Grain elevators	1,895,024	1,762,486	1,637,512	1,537,607	1,730,377
Wharves	2,448,295	1,891,586	1,908,808	2,052,159	2,077,067
Rents of buildings, etc.	3,365,022	3,423,478	3,460,756	3,627,231	3,803,741
Other	8,204,082	9,288,699	7,531,056	7,487,538	10,051,031
Totals	34,908,472	32,008,653	30,589,685	30,035,340	31,239,424
Joint facilities, Cr. balance	74,240	240,428	186,682	116,944	12,688
Total railway operating revenues	1,263,147,930	1,163,735,417	1,224,567,928	1,151,655,456	1,156,480,700
Operating expenses:					
Road maintenance	265,104,902	248,593,455	259,958,839	243,990,848	243,445,087
Equipment maintenance	256,689,993	253,744,614	256,778,520	249,473,225	249,354,157
Traffic	27,334,536	27,208,205	29,140,473	28,866,434	29,027,607
Transportation - Railway line	478,428,123	440,116,687	443,292,012	424,924,203	423,367,291
Miscellaneous operations	16,555,093	14,824,857	14,787,822	14,506,531	13,595,042
General expenses	92,774,391	95,852,843	99,167,863	88,863,980	94,960,331
Totals	1,136,886,938	1,080,340,461	1,103,125,529	1,050,625,219	1,053,749,515
Equipment rents - Dr.	10,854,129	2,389,950	2,127,313	Cr. 1,615,965	Cr. 1,236,788
Joint facility rents - Dr.	2,314,061	632,410	905,318	572,633	718,479
Railway tax accruals	53,475,018	48,934,683	60,148,564	59,888,539	61,203,319
Total railway operating expenses	1,203,530,146	1,132,277,504	1,166,306,724	1,109,470,426	1,114,432,525

TABLE 9. Operating Statistics, Year Ended December 31

	1957	1958	1959	1960	1961
Average first main track mileage					
..... 44,839 45,165 45,199 45,085 44,936					
Locomotive miles:					
Steam:					
Freight	30,464,021	13,155,971	6,806,200	601,910	31,677
Passenger	15,306,104	8,477,994	2,842,106	393,283	303
Train switching	3,031,435	1,356,082	495,291	50,851	-
Yard switching	5,999,219	2,709,734	1,578,154	627,406	172,003
Total transportation service	54,800,779	25,699,781	11,721,751	1,673,450	203,983
Work train service	1,895,251	927,485	686,965	155,334	2,225
Diesel:					
Freight	51,347,032	58,670,214	63,662,881	64,342,704	61,362,516
Passenger	22,533,529	26,060,580	29,104,784	28,006,632	25,161,665
Train switching	3,066,719	3,705,693	3,461,220	3,620,276	3,332,998
Yard switching	23,306,161	24,484,346	25,911,225	25,972,344	25,073,403
Total transportation service	100,253,441	112,920,833	122,140,110	121,941,956	114,930,582
Work train service	1,648,744	2,396,410	2,985,114	2,352,258	2,231,688

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

	1957	1958	1959	1960	1961
Locomotive miles — Concluded:					
Other:					
Freight	131,865	144,121	116,344	126,679	102,738
Passenger	167,751	133,731	158,361	136,769	188,773
Train switching	111,261	116,123	102,645	91,266	64,116
Yard switching	555,185	393,797	138,172	75,814	62,847
Total transportation service	965,862	787,772	515,522	430,528	418,474
Work train service	1,151	1,444	963	—	—
Total:					
Freight	81,942,718	71,970,306	70,585,425	65,071,293	61,496,931
Passenger	38,007,384	34,672,305	32,105,251	28,536,684	25,350,741
Train switching	6,209,415	5,177,898	4,059,156	3,762,393	3,397,114
Yard switching	29,860,565	27,587,877	27,627,551	26,675,564	25,308,253
Grand total transportation service	156,020,082	139,408,386	124,377,383	124,045,934	115,553,039
Grand total work train service	3,545,146	3,325,339	3,673,042	2,507,592	2,233,913
Train miles:					
Freight — Drawn by locomotive	77,991,848	68,655,553	68,351,068	63,887,230	60,592,587
Passenger — Drawn by locomotive	37,167,426	34,020,053	31,470,367	27,869,238	25,017,043
" Drawn by motor unit car	4,462,528	6,525,670	6,741,943	6,623,714	6,113,625
" Total	41,629,954	40,545,723	38,212,310	34,492,952	31,130,668
Total transportation service	119,621,802	109,201,278	106,563,378	98,380,182	91,723,255
Work train service	3,036,954	2,811,591	3,248,722	2,443,096	2,003,554
Freight car miles — Transportation service:					
In freight trains:					
Freight loaded	2,261,794,462	2,127,077,809	2,105,287,849	2,028,846,873	1,996,837,285
Freight empty	1,200,715,219	1,128,340,412	1,148,347,366	1,156,562,477	1,176,025,443
Caboose	77,586,464	69,089,769	68,531,468	64,414,510	61,722,930
Totals	3,540,096,145	3,324,507,990	3,322,166,683	3,249,823,860	3,234,585,638
In passenger trains — Transportation service	5,095,813	4,234,399	5,311,417	5,920,116	6,426,964
Total transportation service	3,545,191,958	3,328,742,389	3,327,478,100	3,255,743,976	3,241,012,622
Work train service	10,827,174	12,629,883	13,229,403	12,104,988	10,332,405
Passenger car miles — Transportation service:					
In passenger trains:					
Locomotive drawn:					
Motor unit car	91,536	118,746	116,650	139,162	100,849
Coach (including colonist)	86,344,575	78,777,596	75,984,243	71,624,451	63,329,286
Sleeping, parlour and observation	115,521,764	103,448,969	97,344,470	90,602,918	75,457,769
Dining	16,984,749	15,375,488	15,388,461	15,047,731	12,866,781
Express	86,390,587	80,375,634	80,479,871	70,753,773	66,845,328
Other head-end	68,137,224	66,300,568	61,065,423	55,468,406	54,216,296
Other	2,334,679	2,230,405	2,279,848	2,143,957	1,930,960
Totals	375,805,114	346,627,406	332,658,966	305,780,398	274,747,269
Motor unit car drawn:					
Motor unit	7,706,726	10,584,416	10,872,958	10,624,808	10,148,251
Coach (including colonist)	913,118	804,339	653,008	851,265	796,666
Sleeping, parlour and observation	—	—	—	—	—
Dining	—	—	—	—	—
Express	11,851	10,064	18,414	27,854	2,784
Other head-end	8,871	6,611	9,960	4,724	1,902
Other	—	15	—	156	139
Totals	8,640,566	11,405,465	11,554,340	11,508,807	10,949,742
Total drawn (locomotive and motor unit car):					
Motor unit car	7,798,262	10,703,162	10,989,608	10,763,970	10,249,100
Coach (including colonist)	87,257,693	79,581,935	76,637,251	72,475,716	64,125,952
Sleeping, parlour and observation	115,521,764	103,448,969	97,344,470	90,602,918	75,457,769
Dining	16,984,749	15,375,488	15,388,461	15,047,731	12,866,781
Express	86,402,438	80,385,718	80,498,285	70,781,627	66,848,112
Other head-end	68,146,095	66,307,179	61,075,383	55,473,130	54,218,198
Other	2,334,679	2,230,420	2,279,848	2,144,113	1,931,099
Totals	384,445,680	358,032,871	344,213,306	317,289,205	285,697,011
In freight trains — Transportation service	24,729,373	24,307,734	23,337,961	27,706,623	26,215,396
Totals transportation service	409,175,053	382,340,605	367,551,267	344,995,828	311,912,407
Work train service	93,342	59,209	36,558	7,144	4,366

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

	1957	1958	1959	1960	1961
Averages:					
Locomotive miles in transportation service per mile of road	3,480	3,087	2,973	2,751	2,572
Train miles in transportation service per mile of road	2,668	2,418	2,358	2,182	2,041
Loaded freight cars per freight train	29.00	30.98	30.80	31.76	32.96
Empty " " " "	15.40	16.43	16.80	18.10	19.41
Total freight train cars per freight train	45.39	48.42	48.60	50.87	53.38
Passenger train cars per passenger train drawn by locomotive	10.11	10.19	10.57	10.97	10.98
Passenger cars per passenger train drawn by locomotive	5.43	5.36	5.51	5.83	5.55
Freight traffic — Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways	143,349,331	129,238,306	140,504,572	133,854,651	131,127,797
Received from U.S. connections	30,694,830	24,203,450	25,590,577	24,607,483	21,952,520
Total tons originated	174,044,161	153,441,756	166,095,149	158,462,134	153,080,317
Interchanged between Canadian railways	22,846,795	20,758,175	20,107,417	20,374,634	21,438,087
Total tons	196,890,956	174,199,831	186,202,566	178,836,768	174,518,404
Tons carried one mile	'000 71,047,229	66,356,829	67,956,540	65,444,784	65,828,403
Tons originated per mile of road	3,882	3,397	3,675	3,515	3,407
Tons carried one mile (rail line) per mile of road	1,584,343	1,469,050	1,503,362	1,451,410	1,464,492
Average miles hauled per revenue ton — All railways ¹	408	432	409	413	430
Freight traffic — Revenue and non-revenue freight (tons - 2,000 lb.):					
Tons carried	210,727,725	187,147,036	198,478,611	188,374,920	183,337,077
Tons carried one mile	'000 74,452,460	68,914,260	70,259,613	67,325,782	67,630,310
Tons per loaded car mile in transportation service (revenue and non-revenue)	32.86	32.35	33.31	33.11	33.79
Gross ton miles — Freight train cars	'000 156,434,901	146,138,505	148,159,968	146,062,923	145,388,910
— Passenger train cars	'000 27,912,465	25,823,179	24,901,935	22,801,891	20,444,377
— Totals	'000 184,347,366	171,961,684	173,061,903	168,864,815	165,833,287
Gross ton miles per freight train mile	2,006	2,129	2,168	2,286	2,399
Gross ton miles (transportation service) per mile of road	4,111,318	3,807,410	3,828,888	3,745,477	3,690,433
Train hours — Freight service	4,137,107	3,516,971	3,454,714	3,152,478	2,898,801
Passenger traffic:					
Passengers carried	22,965,974	21,376,438	20,939,928	19,497,233	18,783,732
Passengers carried one mile	'000 2,925,133	2,485,861	2,445,654	2,263,795	1,960,591
Passengers carried per mile of road	512	473	463	432	418
Passengers carried one mile per mile of road	65,236	55,040	54,109	50,212	43,631
Average number of passengers per passenger train car in transportation service	7	7	7	7	6
Average number of passengers per passenger car in transportation service	13	12	13	13	13
Average passenger journey	127.4	116.3	116.8	116.1	104.4
Freight revenues — Rail line:					
Freight receipts	\$ 1,080,053,400	995,853,940	1,058,009,762	992,739,695	1,012,969,006
Switching receipts	\$ 9,652,416	8,536,836	8,203,102	7,728,402	7,135,785
Other freight train receipts and water transfers	\$ 935,070	1,043,008	1,756,263	1,733,109	1,626,927
Total freight revenues	\$ 1,090,640,886	1,005,433,784	1,067,969,127	1,002,201,206	1,021,731,718
Average freight revenue per mile of road	\$ 24.323	22.261	23.628	22,229	22,737
Average freight receipts per mile of road	\$ 24,087	22,049	23,408	22,019	22,542
Average freight receipts per freight train mile	\$ 13.85	14.51	15.48	15.54	16.72
Average freight receipts per loaded freight car mile in transportation service	¢ 47.67	46.74	50.16	48.82	50.61
Average freight receipts per ton originated	\$ 6.21	6.49	6.37	6.26	6.62
Average freight receipts per ton mile	¢ 1.520	1.501	1.557	1.517	1.539
Passenger revenues — Rail line:					
Passenger receipts	\$ 86,851,789	77,318,387	73,587,794	69,154,309	61,229,591
Sleeper, parlour and chair car receipts	\$ 11,893,425	10,434,058	10,766,016	10,227,842	6,587,575
Baggage	\$ 361,424	296,432	267,034	307,093	275,504
Mail	\$ 15,397,282	15,171,791	17,679,091	17,432,364	16,905,032
Express	\$ 22,408,506	22,348,264	23,069,446	21,779,576	16,121,148
Milk	\$ 451,171	336,291	258,384	193,789	167,383
Other passenger train revenue and water transfers	\$ 160,735	149,329	194,669	206,893	210,637
Total passenger train revenues	\$ 137,524,332	126,054,552	125,822,434	119,301,966	103,496,870
Average passenger train revenue per mile of road	\$ 3,067.07	2,790.10	2,783.74	2,646.16	2,303.21
Average passenger train revenue per passenger train mile	\$ 3.30	3.11	3.29	3.46	3.32
Average passenger train revenue per passenger train car in transportation service	¢ 33.61	32.97	34.23	34.58	33.18
Average passenger receipts per passenger per railway	\$ 3.78	3.62	3.51	3.55	3.26
Average passenger receipts per passenger mile	¢ 2.97	3.11	3.01	3.05	3.12
Average passenger receipts per passenger car in transportation service	¢ 39.66	38.45	38.45	38.52	39.57
Average sleeper, etc., receipts per sleeper, etc. car miles	¢ 10.2	10.0	11.03	11.26	11.31

¹ Computed by dividing total ton-miles by tons of freight originated.

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

	1957	1958	1959	1960	1961
Gross earnings from operation, rail and water:					
Freight, switching, rail and water	\$ 1,090,640.886	1,005,433.784	1,067,969.127	1,002,201.206	1,021,731.718
Passenger; rail and water	\$ 137,524.332	126,054.552	125,822.434	119,301.966	103,496.870
Other earnings from operation	\$ 34,982.712	32,247.081	30,776.367	30,152.284	31,252.112
Totals	\$ 1,263,147.930	1,163,735.417	1,224,567.928	1,151,655.456	1,156,480.700
Operating expenses	\$ 1,203,530.146	1,132,277.504	1,166,306.724	1,109,470.426	1,114,432.525
Net operating revenue	\$ 59,617.784	31,457.913	58,261.204	42,185.030	42,048.175
Operating ratio	\$ 95.28	97.30	95.24	96.34	96.36
Gross earnings per mile of road	\$ 28.171	25.766	27.093	25.544	25.736
Gross earnings per revenue train mile	\$ 10.56	10.66	11.49	11.71	12.61

TABLE 10. Taxes, Year Ended December 31

	1957	1958	1959	1960	1961
dollars					
Provincial and municipal:					
Newfoundland	9,889	8,329	25,350	31,073	32,768
Prince Edward Island	261	261	15,062	5,595	5,601
Nova Scotia	110,956	114,815	135,421	144,755	140,359
New Brunswick	227,944	263,456	477,771	516,399	361,625
Quebec	4,188,467	4,314,446	5,608,360	5,312,696	5,216,070
Ontario ¹	5,347,794	5,183,699	6,218,050	6,526,949	6,733,910
Manitoba	1,525,857	1,510,596	507,196	1,427,982	1,532,004
Saskatchewan	1,265,760	895,785	1,257,310	1,330,769	1,306,843
Alberta	887,183	893,782	1,059,085	1,070,398	1,110,957
British Columbia	1,956,971	2,651,967	2,208,256	2,426,545	2,653,397
Yukon	22,239	16,737	23,496	28,394	19,247
Income and excise tax	30,144.178	25,573,672	34,812,379	31,823,040	33,511,027
Unemployment insurance	4,689,916	4,293,569	4,550,421	5,909,725	5,602,066
Other special tax	105,140	132,788	161,013	116,285	124,985
Outside Canada	3,039,949	2,949,624	3,161,974	3,315,072	2,926,115
Totals	53,522,504	49,003,526	60,221,144	59,985,657	61,278,874
Taxes paid by railway bridge companies	41,680	27,202	43,303	14,423	12,096
" " " pullman company	—	—	—	—	—
Grand totals	53,564,184	49,030,728	60,264,447	60,000,080	61,291,070

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 Carried in Year Ended December 31

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Products of agriculture:					
Wheat	13,160,234	14,553,875	13,794,365	13,293,302	15,155,289
Corn	1,102,442	929,562	845,755	844,471	838,465
Sorghum grains	20,378	18,545	9,396	23,144	35,491
Oats	1,709,666	1,490,516	1,372,154	1,186,626	982,668
Barley	2,775,941	3,402,804	3,272,853	2,657,617	2,710,432
Rye	161,949	210,658	149,493	141,647	142,393
Rice	44,301	31,702	27,478	38,167	39,457
Grain, n.o.s.	44,871	35,799	26,194	47,354	61,093
Flour, wheat	1,449,408	1,629,846	1,689,048	1,639,965	1,480,964
Meal, corn	21,185	8,945	14,802	18,696	20,031

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

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Products of agriculture—Concluded:					
Flour, edible, n.o.s.	179,202	121,176	88,181	84,410	135,757
Cereal food preparations, n.o.s.	245,592	224,103	227,547	256,594	272,014
Mill products, n.o.s.	1,611,246	1,533,200	1,377,744	1,299,575	1,269,924
Hay	75,159	65,558	51,784	65,271	114,416
Straw	4,161	2,719	8,017	7,900	27,983
Tobacco, unmanufactured	62,176	55,884	62,368	58,784	49,714
Tobacco siftings, sweepings and waste	1,889	724	2,397	2,479	1,150
Cotton in bales	120,061	105,418	114,070	117,837	124,567
Cotton linters, noils, and regins	39,425	36,313	38,777	36,140	35,064
Cottonseed	497	455	740	222	278
Cottonseed oil cake and meal	3,384	2,675	1,445	9,643	4,588
Cottonseed hulls and bran	1,073	501	641	1,418	3,792
Soybeans	113,733	109,196	84,584	51,165	100,285
Soybean oil cake and meal	725,497	615,175	610,674	551,795	511,437
Vegetable and nut oil cake and meal, n.o.s.	52,843	54,322	39,071	35,184	39,830
Apples, fresh, not frozen	114,388	143,819	91,371	91,286	87,105
Bananas, fresh	160,119	149,014	138,808	153,723	111,456
Berries, fresh, not frozen	1,947	2,542	2,421	2,620	1,770
Cantaloupes and melons, n.o.s.	22,638	22,261	23,173	59,098	27,510
Grapes, fresh	84,258	77,122	74,805	81,553	79,529
Lemons, limes, and citrus fruits, n.o.s.	28,301	13,529	16,825	20,535	16,332
Oranges and grapefruit	235,125	184,997	218,178	192,861	162,180
Peaches, fresh, not frozen	15,890	20,617	18,102	22,026	22,054
Pears, fresh, not frozen	24,604	21,645	23,747	20,563	18,905
Watermelons	24,483	25,196	23,547	29,348	20,130
Fruits, fresh, n.o.s., not frozen	25,271	30,902	30,612	31,336	31,464
Fruits, dried, dehydrated, and evaporated, n.o.s.	33,557	29,997	29,824	27,398	22,050
Fruits and berries, fresh, frozen	52,938	24,490	21,399	18,321	14,385
Coffee	64,376	60,425	69,908	84,384	72,942
Cabbage	24,175	24,160	26,483	28,923	26,594
Celery	52,568	40,524	42,883	38,994	38,761
Lettuce	103,734	79,980	79,142	78,571	83,849
Onions, dry	42,356	43,778	38,995	39,475	26,661
Potatoes, other than sweet	711,248	805,168	745,537	710,573	611,646
Tomatoes	82,468	71,952	73,083	77,518	70,589
Vegetables, fresh, n.o.s., not frozen	183,964	156,824	136,464	153,832	160,072
Beans and peas, dried	168,795	100,313	112,708	91,322	106,559
Vegetables, dried, dehydrated, and evaporated, n.o.s.	3,748	3,688	3,398	4,066	3,753
Vegetables, fresh, frozen	45,568	38,367	28,836	28,179	40,889
Peanuts	20,330	11,763	11,336	12,036	10,012
Sugar beets	503,166	528,386	744,565	689,596	650,597
Malt, n.o.s.	388,778	342,180	371,223	367,653	413,224
Flaxseed	986,951	551,963	575,003	540,562	481,201
Seeds, n.o.s.	233,470	374,390	214,357	406,221	309,475
Products of agriculture, n.o.s.	110,890	89,572	92,379	94,480	133,665
Totals	28,376,417	29,309,235	27,988,690	26,666,459	28,012,441
Animals and products:					
Horses, mules, ponies, and asses	19,215	18,297	13,417	11,865	10,378
Cattle and calves, single-deck	444,412	390,399	284,677	261,678	275,807
Calves, double-deck	3,196	2,942	1,392	1,331	3,147
Sheep and goats, single-deck	15,352	12,208	8,104	6,042	6,810
Sheep and goats, double-deck	2,958	2,246	7,006	10,280	14,026
Swine, single-deck	153,157	170,985	178,194	115,703	95,770
Swine, double-deck	16,221	7,863	13,332	22,399	36,529
Meats, fresh, n.o.s.	453,218	341,359	369,193	515,420	473,206
Meats, cooked, cured, dried, and smoked	55,238	44,177	43,000	46,483	38,237
Packing house products, edible, n.o.s.	121,745	102,939	119,551	201,008	106,527
Margarine, n.o.s.	15,106	17,813	19,255	18,609	25,459
Poultry, live	474	165	267	736	465
Poultry, dressed and frozen	36,268	27,963	31,588	28,636	35,298

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

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Animals and products — Concluded:					
Eggs	8,937	9,751	6,202	5,414	4,122
Butter	61,118	51,665	57,778	54,931	55,309
Cheese	66,006	43,776	47,344	54,919	50,152
Dairy products, n.o.s.	1,641	817	1,739	2,899	3,280
Wool and mohair in grease	29,368	24,224	34,084	25,602	31,004
Wool and mohair, n.o.s.	13,189	11,808	11,901	12,205	15,966
Hides, skins, and pelts, n.o.s.	176,677	140,852	119,909	123,089	144,118
Leather, n.o.s.	10,199	7,847	4,246	2,839	2,235
Sea food, n.o.s.	72,626	67,178	54,554	52,223	49,353
Fish and sea animal oil	42,320	34,395	24,508	19,115	32,099
Animals and products, n.o.s.	121,311	103,209	119,149	101,625	109,935
Totals	1,939,952	1,634,878	1,571,388	1,695,451	1,619,212
Products of mines:					
Anthracite coal, n.o.s.	2,015,949	1,615,208	1,555,670	1,377,962	1,134,688
Anthracite coal to breakers and washeries	113,417	193	104	142	14,180
Bituminous coal	14,657,576	12,854,100	11,949,461	11,259,474	10,461,389
Coke	2,107,206	1,585,402	1,581,553	1,582,395	1,571,791
Iron ore	19,708,408	13,573,784	22,313,720	18,688,634	16,897,166
Aluminum ore and concentrates	2,701,634	2,475,750	2,678,959	2,930,538	2,165,061
Copper ore and concentrates	959,728	461,096	461,025	653,964	686,243
Copper-nickel (nickel) ore and concentrates	3,320,720	2,411,503	3,006,897	3,009,773	3,850,102
Lead ore and concentrates	269,167	213,766	212,683	299,652	307,980
Zinc ore and concentrates	738,008	715,509	676,516	641,985	838,525
Ores and concentrates, n.o.s.	1,569,036	1,435,749	1,491,191	2,162,310	1,574,260
Barytes	45,745	33,945	61,300	48,305	35,999
Clay and bentonite	436,499	368,198	423,382	390,868	361,187
Sand, industrial	841,219	728,465	778,582	715,965	744,445
Gravel and sand, n.o.s.	5,863,111	6,268,653	5,664,251	5,592,658	5,048,931
Stone and rock; broken, ground, and crushed	7,777,451	7,017,430	6,894,809	5,952,700	5,237,255
Fluxing stone and raw dolomite	301,668	362,416	420,989	261,907	139,391
Stone, rough, n.o.s.	113,953	99,761	83,223	56,266	109,940
Stone, finished, n.o.s.	38,015	29,941	25,211	27,382	19,991
Petroleum, crude	771,845	660,020	683,745	633,632	523,317
Asphalt	465,183	478,373	434,834	382,186	331,243
Salt	1,065,401	995,527	1,125,429	1,167,670	1,275,427
Phosphate rock	682,337	600,779	578,922	668,903	796,295
Sulphur	352,933	302,155	259,032	406,308	532,604
Ashbestos, not further processed than milled	1,018,392	900,404	993,863	1,067,202	1,073,129
Gypsum, crude	3,394,968	1,924,907	4,631,854	3,431,907	4,002,471
Products of mines, n.o.s.	1,997,328	1,784,890	2,191,449	2,130,527	1,657,634
Totals	73,322,895	59,895,924	71,178,434	65,541,195	61,388,644
Products of forests:					
Logs, huts, and bolts	1,488,999	1,493,119	1,649,650	2,070,962	1,655,832
Posts, poles, and piling, wooden	585,998	394,232	407,745	413,744	401,548
Wood fuel	45,738	31,007	27,651	16,077	11,595
Ties, railroad	118,376	59,139	48,397	104,847	69,861
Pulpwood	6,544,706	4,731,075	4,121,483	4,794,373	4,574,296
Lumber, shingles, and lath	6,739,323	6,749,095	7,230,133	6,361,573	6,398,233
Box, crate, and cooperage materials	57,719	53,326	52,101	50,166	45,412
Veneer, plywood, and built-up wood	644,128	720,563	796,102	735,938	859,210
Rosin and turpentine	25,536	26,935	25,507	21,450	20,653
Products of forests, n.o.s.	395,441	298,426	377,349	388,069	455,264
Totals	16,645,960	14,556,917	14,736,118	14,960,197	14,491,704
Manufactures and miscellaneous:					
Gasoline	4,188,529	3,951,838	3,758,267	3,534,790	2,958,634
Fuel, road, and petroleum residual oils, n.o.s.	3,429,061	3,390,436	3,493,058	3,326,756	2,980,107
Lubricating oils and greases	364,243	338,506	387,239	351,257	328,767
Petroleum products, refined, n.o.s.	808,810	721,745	686,466	638,562	620,376

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

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Manufactures and miscellaneous—Continued:					
Gases, other than petroleum, n.o.s.	329,147	289,294	372,983	404,819	436,481
Cottonseed oil	19,067	18,209	22,979	25,744	26,496
Linseed oil	24,046	18,748	20,369	17,799	14,375
Soybean oil	114,231	120,363	126,058	114,413	73,239
Vegetable and nut oils, n.o.s.	97,281	96,324	90,338	71,387	93,480
Oils, n.o.s.	17,098	12,283	10,340	15,032	19,057
Oil foots, sediment, and tank bottoms	7,280	9,609	13,658	11,739	11,678
Rubber, crude, natural, and synthetic	250,453	213,950	238,992	217,871	192,634
Rubber goods, n.o.s.	20,616	13,556	11,004	13,260	12,481
Chemicals, n.o.s.	1,115,469	915,975	960,434	970,282	966,304
Sulphuric acid	101,905	142,704	97,955	79,965	84,765
Acids, n.o.s.	98,091	96,343	86,578	104,740	80,894
Sodium (soda) products	916,136	940,890	987,816	1,098,227	1,053,703
Alcohol, n.o.s.	46,010	48,588	62,161	57,807	55,125
Blacks, n.o.s.	55,177	40,084	47,995	37,748	45,163
Fertilizers, n.o.s.	1,986,451	2,085,949	2,028,396	2,126,095	2,207,462
Insecticides and fungicides, n.o.s.	29,006	19,244	18,911	22,309	24,242
Tar, pitch, and creosote	276,813	239,690	220,690	188,178	146,584
Tanning material, n.o.s.	7,682	6,992	6,834	3,624	6,038
Paint, paint material, putty, and varnish	136,832	121,235	110,514	111,237	123,582
Plastics	61,358	62,278	77,371	101,043	97,584
Cellulose articles, n.o.s.	5,023	5,840	4,880	7,793	8,066
Drugs, medicines, and toilet preparations	27,163	28,872	25,922	25,401	20,273
Aluminum: bar, ingot, pig, and slab	454,353	446,917	351,552	390,892	366,121
Aluminum, n.o.s.	78,759	66,714	58,843	76,512	69,341
Copper: Ingots, and pig	343,799	415,535	485,314	547,594	526,186
Copper, brass, and bronze, n.o.s.	263,846	264,157	250,143	291,393	273,011
Lead and zinc: bar, ingot, and pig	446,697	433,890	427,724	432,606	443,701
Lead and zinc, n.o.s.	16,777	6,316	8,615	4,374	3,484
Magnesium metal and alloy	9,367	4,922	12,391	11,893	7,566
Alloys for steel manufacture	200,403	108,736	141,312	147,277	127,197
Matte	332,183	213,358	308,320	326,530	346,400
Metals and alloys, n.o.s.	95,589	85,702	55,920	71,206	109,212
Iron, pig	488,883	235,197	292,742	185,334	163,128
Iron and steel: billet, bloom, and ingot	445,612	263,927	490,940	439,018	257,957
Iron and steel: bar, rod, and slab	677,605	500,097	453,975	411,593	522,473
Iron and steel, n.o.s.	37,658	28,315	57,318	104,027	51,755
Iron and steel nails and wire (woven and not woven) n.o.s.	165,003	131,169	126,732	100,675	91,578
Manufactured iron and steel	2,903,175	1,978,248	2,551,179	2,446,212	2,037,542
Cast iron pipe and fittings	32,664	25,828	26,323	20,490	17,722
Iron and steel pipe and fittings, n.o.s.	1,036,392	669,098	419,144	484,215	638,178
Tanks, n.o.s.	47,680	27,217	28,469	31,876	27,186
Agricultural implements, n.o.s.	206,027	221,925	265,866	235,245	203,375
Agricultural implement parts, n.o.s.	23,158	16,157	20,006	15,420	18,467
Machinery and machines, n.o.s.	634,408	478,748	456,363	434,324	362,597
Machinery parts	141,735	105,147	103,996	97,907	89,434
Business and office machines, n.o.s.	1,873	1,358	1,292	1,594	1,387
Railway equipment moved on own wheels	66,192	45,338	32,854	46,021	47,903
Railway equipment, S.U. not moved on own wheels	10,440	3,405	7,949	4,215	5,004
Railway equipment parts	104,565	45,191	56,441	50,387	56,125
Rails and railway track material, iron and steel	289,336	206,961	180,395	135,313	113,295
Vehicles, other than motor	21,670	41,412	18,712	16,501	16,418
Automobiles, passenger	395,508	298,297	346,606	407,635	368,209
Automobiles, freight	72,316	39,080	52,552	54,432	51,119
Vehicles, motor, n.o.s.	257,517	192,538	177,592	135,105	114,935
Military vehicles, n.o.s.	11,346	6,454	7,075	3,315	3,425
Automobiles and autotrucks, K.D.	102,477	38,514	26,398	40,625	27,104
Vehicle parts, n.o.s.	1,561,771	1,142,338	1,383,550	1,493,782	1,226,692
Airplanes, aircraft, and parts	9,278	9,147	4,528	3,987	4,993
Tires and tubes, rubber	99,252	90,349	109,150	98,624	88,852
Guns, small arms, and parts, n.o.s.	3,923	3,183	4,240	4,757	3,603

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

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Ammunition and explosives	125,753	97,375	103,775	82,622	56,811
Cement: natural and portland	2,090,040	1,762,716	1,471,829	1,212,139	1,415,440
Cement, n.o.s.	110,876	48,026	69,989	115,189	129,818
Brick, common	22,568	39,612	24,437	23,210	19,571
Brick, n.o.s. and building tile	346,799	296,059	334,977	327,365	302,656
Refractories	319,972	207,762	274,863	296,441	260,366
Artificial stone, n.o.s.	25,702	27,699	36,446	37,219	47,294
Lime, n.o.s.	381,424	548,948	623,993	510,532	465,824
Plaster: Stucco and wall	142,218	175,643	150,282	108,653	98,850
Sewer pipe and drain tile (not metal)	70,323	76,979	81,074	47,350	42,230
Broken or ground brick, blocks, crockery, and glass	23,444	13,607	11,539	15,756	13,999
Woodpulp	2,479,597	2,312,458	2,547,531	2,518,188	2,688,225
Scrap paper and rags	312,210	279,062	300,045	259,464	260,674
Newsprint paper	4,573,228	4,115,818	4,256,951	4,236,852	4,397,884
Printing paper, n.o.s.	627,325	600,519	678,469	744,351	631,455
Wrapping paper	237,480	232,471	230,955	218,065	199,756
Paper bags	77,275	63,176	64,532	64,127	61,549
Paper and paper articles, n.o.s.	345,640	346,286	330,852	349,652	339,031
Printed matter, n.o.s.	32,303	28,424	46,338	39,758	42,221
Paperboard, fibreboard, and pulpboard	632,183	616,000	627,458	604,726	596,732
Wallboard	409,913	449,840	448,931	380,414	326,374
Building paper and prepared roofing materials	200,178	230,995	199,850	173,955	156,084
Insulating materials, n.o.s.	139,105	130,094	142,586	114,232	109,396
Building wondwork and millwork	61,161	54,992	61,880	50,743	56,422
Building materials, n.o.s.	30,992	26,413	21,772	20,367	19,943
Buildings and houses, fabricated and portable, n.o.s.	10,248	11,743	9,913	8,406	6,996
Asbestos articles, n.o.s.	5,303	2,696	6,701	4,846	4,862
Electrical equipment and parts, n.o.s.	173,128	137,962	125,370	118,527	102,612
Furnaces, heaters, radiators, and parts	43,992	40,936	39,789	34,911	30,905
Bathroom and lavatory fixtures and sinks	31,424	26,577	27,273	21,375	22,190
Hardware, n.o.s.	28,291	23,741	24,149	21,271	24,073
Glass	70,700	70,165	86,558	76,915	73,304
Glassware, n.o.s.	54,148	47,465	41,942	47,495	42,742
Glass bottles, jars, and packing glasses, n.o.s.	138,810	132,629	134,479	138,705	118,156
Chinaware, crockery and earthenware	11,812	9,392	11,746	8,611	7,545
Woodenware	32,730	24,013	24,433	26,320	25,898
Household utensils, n.o.s.	7,190	4,713	8,355	9,160	7,504
Refrigerators, freezing apparatus, and parts	79,498	73,945	86,463	76,411	67,428
Laundry equipment	40,527	42,068	51,341	41,878	39,525
Stoves, ranges and parts	31,383	25,532	30,233	25,993	21,875
Floor covering	55,134	52,045	48,278	26,891	27,945
Furniture, n.o.s.	94,926	77,002	78,175	71,789	61,036
Furniture parts	3,693	2,892	4,779	5,319	3,488
Tools and parts, n.o.s.	8,009	4,382	4,808	5,106	5,138
Abrasives, other than crude	38,379	32,394	26,420	19,679	18,671
Bagging: burlap, cotton, gunny, and jute, n.o.s.	17,475	17,188	16,562	22,626	25,184
Bags: burlap, cotton, gunny, and jute, n.o.s.	8,285	6,044	6,989	8,079	12,864
Cotton cloth and cotton fabrics, n.o.s.	17,412	21,481	22,775	23,499	23,669
Cotton factory products	30,021	20,783	21,112	20,168	17,736
Synthetic fibre and yarns (rayon and nylon)	7,018	5,158	7,621	8,248	5,053
Cloth and fabrics, n.o.s.	14,630	10,901	10,617	4,854	5,907
Rope, cordage, and binder twine, n.o.s.	43,284	34,331	33,880	29,112	27,631
Boots, shoes, and findings, n.o.s.	13,219	9,069	11,088	11,827	10,464
Luggage and handbags, n.o.s.	1,115	806	676	957	862
Athletic, gymnasium, playground, and sporting equipment, n.o.s.	4,413	2,253	3,217	4,533	3,513
Games and toys	7,792	6,885	7,497	7,672	6,903
Liquors, alcoholic, n.o.s.	132,588	118,300	116,759	108,477	105,405
Wine	56,275	53,103	43,053	43,570	42,965
Liquors, malt	546,377	474,255	520,828	563,381	650,130
Beverages, n.o.s.	9,196	10,745	11,281	16,513	18,182

TABLE 11. Traffic Carried in Year Ended December 31 — Concluded

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
Manufactures and miscellaneous — Concluded:					
Ice	20,467	13,789	10,442	7,715	1,425
Syrup and molasses, refined	144,742	141,104	130,920	123,622	143,512
Molasses, residual	53,599	63,045	84,414	90,902	56,923
Sugar	450,568	495,748	534,144	576,991	547,980
Candy and confectionery	90,069	83,469	81,522	84,110	86,660
Food products, n.o.s., in cans and packages, not frozen	1,424,459	1,474,708	1,419,692	1,440,969	1,313,466
Food products, n.o.s. frozen	49,687	40,664	47,875	43,209	48,290
Starch	125,541	101,221	104,186	94,957	95,001
Soap and cleaning and washing compounds	160,325	161,981	163,823	163,153	143,362
Matches	7,338	4,542	3,195	2,490	3,482
Feed, animal and poultry, n.o.s.	1,682,704	1,673,102	1,538,891	1,364,632	1,233,505
Manufactured tobacco, n.o.s.	10,094	8,537	9,317	8,820	6,457
Cigarettes	26,383	39,100	43,827	38,136	44,748
Containers, metal	175,183	171,967	172,491	166,830	158,603
Containers, wooden	19,609	17,553	21,452	25,343	28,275
Containers, fibreboard and paperboard, K.D.	86,071	82,748	87,770	80,328	63,172
Containers, n.o.s.	66,897	53,832	51,686	51,465	44,456
Containers, returned empty	261,309	226,429	246,043	250,148	258,034
Scrap iron and scrap steel	1,149,816	808,408	1,268,048	1,128,166	1,139,92*
Iron and steel borings, turnings, etc.	66,052	34,521	50,728	53,197	30,566
Furnace slag	51,155	43,300	63,762	76,783	85,832
Waste materials for remelting, n.o.s.	314,306	234,561	310,861	316,345	275,741
Waste materials, n.o.s.	196,632	164,172	163,028	170,542	107,440
Manufactures and miscellaneous, n.o.s.	2,750,497	3,141,472	3,957,585	4,229,786	4,483,817
Total manufactures and miscellaneous	51,690,032	46,534,971	49,162,843	48,285,917	46,378,066
Grand totals, carload traffic	171,975,276	151,931,925	164,637,573	157,149,219	151,890,067
All L.C.L. freight	2,068,885	1,509,831	1,457,576	1,312,915	1,190,250
Grand totals, carload and L.C.L. traffic	174,044,161	153,441,756	166,095,149	158,462,134	153,080,317

TABLE 12. Freight Cars in Service at December 31¹

	Number	Capacity	
		Total	Average
tons (2,000 lb.)			
Automobile:			
1957	6,733	298,430	44.323
1958	6,722	297,980	44.329
1959	7,270	324,390	44.620
1960	7,249	323,480	44.624
1961	7,225	322,490	44.635
Ballast:			
1957	2,646	150,595	56.914
1958	2,708	155,305	57.350
1959	3,140	185,315	59.018
1960	3,128	184,575	59.007
1961	3,113	183,785	59.038

See footnote at end of table.

TABLE 12. Freight Cars in Service at December 31¹ — Concluded

	Number	Capacity	
		Total	Average
		tons (2,000 lb.)	
Box:			
1957	121,346	5,630,010	46.396
1958	117,604	5,480,130	46.598
1959	114,181	5,343,735	46.801
1960	111,217	5,224,718	46.978
1961	108,239	5,103,650	47.152
Flat:			
1957	11,975	552,174	46.111
1958	12,058	564,019	46.778
1959	12,270	576,114	46.953
1960	12,645	606,611	47.972
1961	12,164	585,230	48.112
Gondola:			
1957	19,904	1,298,734	65.250
1958	20,522	1,345,802	65.579
1959	20,428	1,341,115	65.651
1960	20,310	1,334,443	65.704
1961	20,168	1,321,680	65.534
Hopper:			
1957	13,788	906,850	65.771
1958	15,493	1,029,895	66.475
1959	15,601	1,039,805	66.650
1960	15,578	1,041,790	66.676
1961	15,571	1,043,360	67.007
Ore:			
1957	5,967	477,520	80.027
1958	6,004	477,745	79.571
1959	5,964	474,730	79.599
1960	5,930	473,261	79.808
1961	5,892	467,691	79.377
Refrigerator:			
1957	10,022	437,700	43.674
1958	10,184	445,740	43.769
1959	10,155	447,475	44.065
1960	10,076	449,260	44.587
1961	8,635	394,500	45.686
Stock:			
1957	5,141	176,055	34.245
1958	5,195	182,210	35.074
1959	5,025	178,860	35.594
1960	4,917	178,655	36.334
1961	4,589	167,860	36.579
Tank:			
1957	384	18,880	49.167
1958	382	18,780	49.162
1959	455	22,470	49.385
1960	472	23,360	49.492
1961	479	23,570	49.207
Other:			
1957	1	70	70.000
1958	21	670	31.905
1959	23	810	35.217
1960	31	1,050	33.871
1961	312	12,870	41.250
Totals:			
1957	197,907	9,947,018	50.261
1958	196,893	9,998,276	50.780
1959	194,512	9,934,819	51.076
1960	191,553	9,841,203	51.376
1961	186,387	9,626,686	51.649

¹ Excludes privately-owned railway cars.

TABLE 13. Passenger Cars in Service at December 31

	1957	1958	1959	1960	1961
Self-propelled passenger train cars	129	139	128	111	103
Coach	1,597	1,486	1,409	1,342	1,237
Combination passenger	343	328	182	172	152
Colonist	136	124	96	88	81
Dining	183	174	159	149	134
Parlour	167	162	143	137	127
Sleeping	879	900	919	861	804
Baggage, express and postal	2,398	2,336	2,353	2,218	2,061
Other	110	84	67	41	38
Totals¹	5,942	5,733	5,456	5,119	4,737
Cars in company service:					
Caboose	3,312	3,225	3,148	3,051	2,902
All other	16,274	16,322	16,273	16,114	15,774
Totals	19,586	19,547	19,421	19,165	18,676
Cars leased (included in above)	4,379	5,190	5,012	4,417	4,353

¹ Includes Pullman Co. Cars in Canadian service.

TABLE 14. Locomotives in Service at December 31

	1957	1958	1959	1960	1961
number					
Locomotives:					
Steam:					
Coal burning	1,857	1,483	1,143	335	144
Oil burning	537	477	371	68	53
Diesel electric:					
"A" units	414	401	449	447	446
"B" units	161	175	180	184	183
Road switcher units	1,194	1,570	1,802	1,952	1,956
Yard switcher units	603	653	724	725	724
Electric	55	64	51	41	41
Totals	4,821	4,823	4,720	3,752	3,547
Leased (included in above)	43	135	128	36	36
Tractive power, average pounds per locomotive	50,768	52,095	53,368	55,791	56,597

TABLE 15. Fuel Consumed by Motive Power at December 31

	1957	1958	1959	1960	1961
Locomotives					
Consumption:					
Bituminous coal	ton	3,322,147	1,393,823	554,260	76,485
Fuel oil	gal.	155,590,345	91,021,295	64,136,202	7,258,458
Diesel oil	"	260,944,237	295,461,518	331,644,445	340,891,926
Crude oil	"	—	—	—	—
Gasoline	"	—	—	—	—
Cost:					
Bituminous coal	\$	33,148,990	14,231,574	5,825,692	810,998
Fuel oil	\$	9,425,022	4,107,486	2,792,234	354,489
Diesel oil	\$	36,706,285	40,265,144	45,582,540	45,163,403
Crude oil	\$	—	—	—	—
Gasoline	\$	—	—	—	—
Average cost per ton or gal.					
Bituminous coal	\$	9.98	10.21	10.51	10.60
Fuel oil	¢	6.06	4.51	4.35	4.88
Diesel oil	¢	14.07	13.63	13.74	13.25
Crude oil	¢	—	—	—	—
Gasoline	¢	—	—	—	—
Rail Motor Cars, etc.					
Consumption:					
Fuel oil	gal.	—	—	—	—
Diesel oil	"	2,882,997	4,068,693	4,465,484	4,758,567
Gasoline	"	105,937	82,625	32,102	28,146
Total cost	\$	439,899	549,926	614,833	660,398
					608,988

TABLE 16. Fuel Consumed for Heating and Other Railway Purposes in Year Ended December 31

		1957	1958	1959	1960	1961
Anthracite	ton	10,665	9,570	14,206	9,676	8,931
Bituminous	"	479,210	386,635	377,565	300,638	249,512
Sub-bituminous	"	-	-	-	19,275	46,671
Lignite	"	290,240	248,771	255,256	250,553	163,533
Fuel oil	gal.	36,812,519	36,271,974	37,941,658	39,110,742	40,257,975
Diesel oil	"	6,884,040	7,302,408	6,790,643	7,698,115	10,682,498
Gasoline	"	2,750,397	2,597,286	2,716,579	2,267,597	4,020,399
Gas	cu. ft.	1,172,952,706	1,191,673,446	1,168,492,863	837,958,806	820,786,896

TABLE 17. Rails laid in Track, Year Ended December 31

	1957	1958	1959	1960	1961
tons (2,000 lb.)					
In previously constructed track:					
New open hearth	233,146	227,148	194,204	177,999	132,629
Relay	207,425	183,973	190,848	152,743	149,829
Other	4,446	1,757	247	172	1,705
Totals	445,017	412,878	385,299	330,914	284,163
In new track and extensions:					
New open hearth	19,299	21,758	3,302	2,013	4,038
Relay	35,630	43,818	26,287	24,365	39,216
Other	535	26	79	111	168
Totals	55,464	65,600	29,668	26,489	43,422

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

	1957	1958	1959	1960	1961	
Treated—M bd. feet	No.	12,697	12,218	10,440	10,368	10,070
Average cost	\$	120.75	120.32	116.22	124.33	110.72
Untreated—M bd. feet	No.	4,107	2,883	1,956	539	326
Average cost	\$	105.19	97.06	108.07	94.35	79.42
Totals—M bd. feet	No.	16,804	15,101	12,396	11,037	10,398
Average cost	\$	116.95	115.88	114.93	121.40	109.74

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

	1957	1958	1959	1960	1961
number					
Hardwood:					
Beech	281,386	317,402	250,961	135,446	56,997
Birch	573,781	567,207	420,018	250,865	112,521
Maple	836,120	768,480	524,381	295,007	200,272
Oak	327,421	51,483	62,252	311,590	27,693
Other hardwood	43,043	34,776	29,563	27,456	29,276
Totals	2,061,751	1,749,348	1,287,195	1,020,364	426,759
Softwood:					
Cedar	6,221	8,217	6,793	8,114	6,097
Fir	1,579,167	531,305	328,956	329,645	205,298
Hemlock	604,132	191,350	84,336	57,198	48,298
Pine	5,976,686	3,679,686	2,792,759	2,542,754	1,362,842
Tamarack	18,968	4,062	1,004	-	38,644
Other softwood	85,378	43,317	26,618	5,582	18,481
Totals	8,270,552	4,474,058	3,240,466	2,943,293	1,679,660

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

		1957	1958	1959	1960	1961
In previously constructed track:						
Treated ties	No.	5,606,632	5,455,969	4,518,536	3,745,360	3,531,119
Untreated ties	"	424,447	320,408	216,840	153,894	93,791
Totals	"	6,031,079	5,776,377	4,735,376	3,899,254	3,624,910
In new track and extensions:						
Treated ties	"	537,199	454,206	573,715	408,757	483,822
Untreated ties	"	472,470	695,506	21,439	19,277	11,495
Totals	"	1,009,669	1,149,712	595,154	428,034	495,317
Average cost:						
Treated ties	\$	3.09	3.02	3.08	3.00	2.99
Untreated ties	\$	1.86	1.68	1.84	1.76	1.73

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

	1957	1958	1959	1960	1961
number					
Trainmen	1	2	1	-	1
Switchtenders, watchmen, etc.	-	-	-	-	-
Stationmen	-	-	-	-	-
Shopmen	1	2	-	-	2
Trackmen	1	2	3	1	-
Telegraph employees	-	-	-	-	-
Other employees	-	-	1	-	-
Passengers	-	-	2	-	-
Postal-Express - Pullman employees	-	-	-	-	-
Trespassers	-	-	-	1	1
Other persons	14	3	6	7	3
Totals	17	9	13	9	7

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

		Class of accident	1957	1958	1959	1960	1961
Trainmen	Number	Train	936	728	754	619	641
	"	Non-train	148	126	104	81	63
	Days absent		33,462	30,818	31,536	27,543	20,399
Switchtenders, watchmen, etc.	Number	Train	138	109	127	112	86
	"	Non-train	37	28	30	27	24
	Days absent		7,564	5,324	5,302	5,540	3,158
Stationmen	Number	Train	11	4	5	6	4
	"	Non-train	272	256	239	215	320
	Days absent		7,942	8,294	7,141	7,087	10,523
Shopmen	Number	Train	35	26	16	8	21
	"	Non-train	1,016	764	739	545	590
	Days absent		25,549	23,313	22,941	16,149	15,358
Trackmen	Number	Train	121	80	76	58	47
	"	Non-train	919	838	760	668	693
	Days absent		35,394	35,390	35,950	36,196	29,596
Telegraph employees	Number	Train	12	10	5	3	9
	"	Non-train	121	129	119	101	112
	Days absent		3,457	4,010	3,542	2,654	3,286
Other employees	Number	Train	95	59	109	89	73
	"	Non-train	221	160	173	151	137
	Days absent		6,915	4,961	6,747	7,543	6,877
Totals	Number	Train	1,348	1,018	1,092	895	881
	"	Non-train	2,734	2,299	2,164	1,788	1,939
	Days absent		120,283	112,110	113,159	102,714	89,197

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

Causes	1957	1958	1959	1960	1961
number					
Coupling and uncoupling	68	50	54	49	57
Collisions—Between:					
Railway rolling stock	59	36	48	29	37
Trains or locomotives and motor vehicles or horse-drawn vehicles:					
At highway crossings	371	310	424	369	351
At other points	51	40	57	53	54
Track cars or hand cars and motor vehicles or horse-drawn vehicles:					
At highway crossings	10	8	16	8	15
At other points	3	2	6	2	3
Pedestrians struck by trains or locomotives, cars or hand cars, etc.:					
At highway crossings	22	13	19	23	13
At other points	161	137	127	123	103
Derailments	61	84	71	71	48
Locomotives or cars breaking down	2	1	18	10	2
Getting on or off trains	348	271	255	222	264
Falling from trains, locomotives or cars	92	97	92	61	62
Striking overhead or other obstructions	31	12	28	24	21
Other causes	737	592	602	524	501
Totals	2,016	1,653	1,817	1,568	1,531

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

Causes	1957	1958	1959	1960	1961
Number of persons killed					
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions—Between:					
Railway rolling stock	—	—	2	1	—
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	—	—	—	—	—
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	—	—	—	—	—
Falling from trains, locomotives or cars	2	—	—	—	—
Striking overhead or other obstructions	—	—	—	—	—
Other causes	—	1	—	1	—
Totals	2	1	9	2	1
Employees					
Coupling and uncoupling	—	3	—	—	2
Collisions—Between:					
Railway rolling stock	9	5	8	5	4
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	—	—	—	—	—
At other points	1	1	—	—	—
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	—	—	—	—	—
At other points	4	7	11	3	5
Derailments	2	2	2	4	—
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	2	3	1	2	2
Falling from trains, locomotives or cars	2	7	2	4	1
Striking overhead or other obstructions	2	—	3	—	—
Other causes	5	5	3	6	8
Totals	27	33	30	24	22

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

Causes	1957	1958	1959	1960	1961
	Number of persons injured				
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions – Between:					
Railway rolling stock	14	4	74	104	16
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	1	—	21	8	6
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	—	—	1	—	—
Derailments	79	18	20	5	—
Locomotives or cars breaking down	2	—	—	—	—
Getting on or off trains	18	11	2	7	14
Falling from trains, locomotives or cars	—	3	2	1	1
Striking overhead or other obstructions	—	—	—	—	—
Other causes	29	47	30	26	36
Totals	143	83	151	151	73
Employees					
Coupling and uncoupling	67	46	50	47	55
Collisions – Between:					
Railway rolling stock	58	37	68	48	34
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	2	7	5	4	3
At other points	2	1	3	—	—
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	19	7	12	14	25
At other points	3	2	5	4	3
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	24	20	15	9	9
Derailments	31	22	24	29	19
Locomotives or cars breaking down	4	1	18	8	2
Getting on or off trains	323	244	245	200	231
Falling from trains, locomotives or cars	76	76	78	51	45
Striking overhead or other obstructions	28	11	26	19	14
Other causes	711	542	543	462	441
Totals	1,348	1,016	1,092	895	881

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

Class of person	1957	1958	1959	1960	1961
	Number of persons killed				
Employees:					
Trainmen	14	17	8	12	10
Switchtenders, watchmen, etc.	1	2	4	3	2
Stationmen	—	—	1	1	—
Shopmen	2	—	3	—	2
Trackmen	6	13	13	6	8
Telegraph employees	2	—	1	—	—
Other employees	2	1	—	2	—
Total employees	27	33	30	24	22
Passengers	2	1	9	2	1
Postal – Express – Pullman employees	—	—	3	1	—
Trespassers	84	78	65	52	46
Other persons	197	192	196	183	159
Grand totals	310	304	303	262	228
Suicides	10	8	4	6	4

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

Class of person	1957	1958	1959	1960	1961
Number of persons injured ¹					
Employees:					
Trainmen	936	728	754	619	641
Switchtenders, watchmen, etc.	138	109	127	112	86
Stationmen	11	4	5	6	4
Shopmen	35	26	16	8	21
Trackmen	121	80	76	58	47
Telegraph employees	12	10	5	3	9
Other employees	95	59	109	89	73
Total employees	1,348	1,016	1,092	895	881
Passengers	143	63	151	151	73
Postal — Express — Pullman employees	18	13	14	14	11
Trespassers	77	51	56	63	67
Other persons	432	299	505	463	419
Grand totals	2,018	1,462	1,818	1,586	1,451
Attempted suicides	2	1	—	3	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	1957	1958	1959	1960	1961
Number of persons killed					
Handling traffic	—	—	—	—	2
Handling machinery, tools, etc.	2	3	3	—	10
Getting on or off locomotives and cars at rest	—	—	1	—	—
Other causes	13	20	9	10	9
Totals	15	23	13	10	21
Number of persons injured ¹					
Handling traffic	215	159	334	272	224
Handling machinery, tools, etc.	744	741	551	525	552
Getting on or off locomotives and cars at rest	116	95	92	74	69
Other causes	1,762	1,427	1,281	1,032	1,208
Totals	2,837	2,422	2,258	1,903	2,053

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	1957	1958	1959	1960	1961
Number of persons killed					
Employees:					
Trainmen	—	—	—	—	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	—	2	—	1	3
Shopmen	2	2	3	1	7
Trackmen	5	7	8	5	7
Telegraph employees	2	—	1	2	—
Other	—	2	—	—	—
Totals	9	13	12	9	18
Passengers	—	—	—	—	—
Postal — Express — Pullman employees	2	1	1	1	—
Trespassers	3	2	—	—	3
Other persons	1	7	—	—	—
Grand totals	15	23	13	10	21
Suicides	1	1	1	—	1

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

Class of person	1957	1958	1959	1960	1961
Number of persons injured ¹					
Employees:					
Trainmen	148	126	104	81	63
Switchtenders, watchmen, etc.	37	28	30	27	24
Stationmen	272	256	239	215	320
Shopmen	1,016	764	739	545	590
Trackmen	919	836	760	668	693
Telegraph employees	121	129	119	101	112
Other	221	160	173	151	137
Totals	2,734	2,299	2,164	1,788	1,939
Passengers	50	41	42	64	55
Postal — Express — Pullman employees	11	25	24	18	21
Trespassers	17	12	1	3	6
Other persons	25	45	27	32	32
Grand totals	2,837	2,422	2,258	1,905	2,053
Attempted suicides	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	
					Motor vehicles		Other vehicles			
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Number of persons killed										
Protected by gates:										
1957	—	—	1	1	—	—	—	—	1	1
1958	—	—	3	—	2	—	—	—	5	—
1959	—	—	2	—	1	—	—	—	3	—
1960	—	—	4	—	1	1	—	—	5	1
1961	—	—	1	—	—	2	—	—	1	2
Protected by automatic signals:										
1957	—	—	1	1	9	18	—	—	10	19
1958	—	—	2	—	8	14	—	—	10	14
1959	—	—	5	1	13	10	2	4	20	15
1960	—	—	4	1	15	3	5	—	24	4
1961	—	—	2	1	9	17	—	—	11	18
Protected by watchmen:										
1957	—	—	—	—	—	—	—	—	—	—
1958	—	—	—	—	—	1	—	—	—	1
1959	—	—	—	—	—	1	—	—	—	1
1960	—	—	—	—	2	—	—	—	2	—
1961	—	—	—	—	—	—	—	—	—	—
Total at protected crossings:										
1957	—	—	2	2	9	18	—	—	11	20
1958	—	—	5	—	10	15	—	—	15	15
1959	—	—	7	1	14	11	2	4	23	16
1960	—	—	8	1	18	4	5	—	31	5
1961	—	—	3	1	9	19	—	—	12	20
Unprotected:										
1957	—	—	2	3	35	108	—	1	37	110
1958	—	—	1	1	26	108	—	1	27	110
1959	—	5	2	1	40	72	6	14	48	92
1960	—	—	3	2	44	42	15	22	62	66
1961	—	—	2	3	40	60	1	—	43	63
Grand totals:										
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
1960	—	—	11	3	62	46	20	22	93	71
1961	—	—	5	4	49	79	1	—	55	83

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:										
1957	-	-	-	-	1	-	-	-	1	-
1958	-	-	1	1	1	-	-	-	2	1
1959	2	-	1	-	4	-	-	-	7	-
1960	-	-	-	-	7	1	-	-	7	1
1961	-	-	-	-	3	-	-	-	3	-
Protected by automatic signals:										
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
1960	7	-	5	-	61	4	8	-	81	4
1961	2	2	3	2	63	18	1	-	69	22
Protected by watchmen:										
1957	-	-	1	-	8	3	-	-	7	3
1958	1	-	-	-	6	3	-	-	7	3
1959	-	-	-	-	9	3	-	-	9	3
1960	-	-	-	-	5	-	-	-	5	-
1961	-	-	-	-	8	4	1	-	9	4
Total at protected crossings:										
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
1960	7	-	5	-	73	5	8	-	93	5
1961	2	2	3	2	74	22	2	-	81	26
Unprotected:										
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
1960	8	12	4	-	135	105	50	22	197	139
1961	7	19	1	1	107	146	-	-	115	166
Grand totals:										
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
1960	15	12	9	-	208	110	58	22	290	144
1961	9	21	4	3	181	168	2	-	198	192

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	1957	—	—	—	—	1	—	1	1	1	—	
2	1958	—	—	—	1	1	—	1	3	2	—	
3	1959	—	—	1	1	3	—	1	3	2	—	
4	1960	—	—	1	1	5	—	1	3	2	—	
5	1961	—	—	1	5	5	1	4	3	—	—	
Prince Edward Island:												
6	1957	—	—	1	—	—	5	5	12	1	—	
7	1958	—	—	1	—	—	5	5	12	1	—	
8	1959	—	—	1	—	—	5	5	12	1	—	
9	1960	—	—	1	—	—	5	5	14	1	—	
10	1961	—	—	1	—	—	5	5	14	1	—	
Nova Scotia:												
11	1957	7	—	23	14	16	26	49	101	5	—	
12	1958	6	—	21	15	10	30	52	100	5	—	
13	1959	6	2	21	15	10	31	58	113	5	—	
14	1960	6	2	21	17	10	31	58	152	5	—	
15	1961	4	2	21	20	12	32	61	180	5	—	
New Brunswick:												
16	1957	8	—	10	27	15	34	37	98	—	—	
17	1958	8	1	10	29	13	34	43	100	—	—	
18	1959	8	—	11	33	13	33	47	116	—	—	
19	1960	8	1	11	34	14	33	46	128	—	—	
20	1961	8	1	10	34	13	35	40	134	—	—	
Quebec:												
21	1957	61	1	37	44	159	83	156	217	3	1	
22	1958	64	2	39	45	163	83	165	253	3	1	
23	1959	59	4	43	51	164	82	197	262	2	1	
24	1960	63	5	51	53	170	79	225	303	1	1	
25	1961	61	14	59	54	160	78	232	350	1	1	
Ontario:												
26	1957	98	17	150	217	270	184	452	490	26	3	
27	1958	104	25	172	238	304	190	483	492	25	3	
28	1959	107	31	183	250	305	189	516	518	24	3	
29	1960	114	41	196	235	311	186	560	544	21	—	
30	1961	145	74	209	250	334	189	588	569	12	—	
Manitoba:												
31	1957	10	4	4	6	29	13	32	9	3	—	
32	1958	16	4	4	6	30	13	33	12	3	—	
33	1959	19	4	4	8	30	13	38	16	3	—	
34	1960	19	5	4	6	31	9	43	25	3	—	
35	1961	22	6	5	13	31	7	47	34	3	6	
Saskatchewan:												
36	1957	—	2	6	22	21	41	25	16	1	—	
37	1958	2	2	6	22	21	42	26	20	—	—	
38	1959	3	2	6	22	21	42	31	29	—	—	
39	1960	5	2	7	23	21	43	44	41	—	—	
40	1961	11	12	7	21	22	43	44	34	—	—	
Alberta:												
41	1957	12	—	8	26	28	51	25	54	—	—	
42	1958	13	—	9	27	29	50	32	61	—	—	
43	1959	15	—	9	31	29	50	37	70	—	—	
44	1960	16	—	10	33	30	53	44	89	—	—	
45	1961	17	1	9	34	32	52	54	111	—	—	
British Columbia:												
46	1957	7	8	30	54	6	46	40	26	3	—	
47	1958	7	6	31	57	7	49	37	27	3	7	
48	1959	6	9	23	66	8	48	36	37	4	—	
49	1960	7	9	27	68	12	62	37	54	4	—	
50	1961	10	11	36	67	12	63	46	58	4	—	
Total—Canada:												
51	1957	203	32	269	411	544	484	822	1,024	42	4	
52	1958	220	40	293	440	577	497	879	1,079	40	11	
53	1959	223	52	302	479	580	494	966	1,175	39	4	
54	1960	238	65	329	476	599	502	1,065	1,352	35	1	
55	1961	278	121	358	498	617	505	1,123	1,487	26	7	
United States:												
56	1957	2	1	3	7	9	10	8	20	5	1	
57	1958	2	1	3	7	9	11	8	20	5	1	
58	1959	2	1	3	7	9	11	8	20	5	1	
59	1960	2	1	3	7	9	11	8	21	5	1	
60	1961	2	1	3	7	9	11	8	23	6	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	48	237	285	49	240	289	1
3	4	7	67	222	289	70	226	296	2
4	6	10	66	221	287	70	227	297	3
4	8	12	66	221	287	70	229	299	4
6	9	15	67	220	287	73	229	302	5
7	17	24	35	211	246	42	228	270	6
7	17	24	39	212	251	46	229	275	7
7	17	24	39	214	253	46	231	277	8
7	19	26	39	212	251	46	231	277	9
7	19	26	39	206	245	46	225	271	10
100	141	241	186	657	843	286	798	1,084	11
94	145	239	215	606	821	309	751	1,060	12
98	161	259	211	586	797	309	747	1,056	13
100	202	302	210	548	758	310	750	1,060	14
103	234	337	212	563	775	315	797	1,112	15
70	159	229	121	689	810	191	848	1,039	16
74	164	238	144	669	813	218	833	1,051	17
79	182	261	141	646	787	220	828	1,048	18
79	196	275	141	623	764	220	819	1,039	19
71	204	275	139	562	701	210	766	976	20
416	346	762	501	2,024	2,525	917	2,370	3,287	21
434	384	818	517	2,002	2,519	951	2,386	3,337	22
465	400	865	589	1,919	2,488	1,034	2,319	3,353	23
510	441	951	599	1,858	2,457	1,109	2,299	3,408	24
513	497	1,010	650	1,742	2,392	1,163	2,239	3,402	25
996	911	1,907	1,662	4,972	6,634	2,658	5,883	8,541	26
1,088	948	2,036	1,758	4,874	6,632	2,846	5,822	8,668	27
1,135	991	2,126	1,753	4,839	6,592	2,888	5,830	8,718	28
1,202	1,006	2,208	1,766	4,656	6,422	2,968	5,662	8,630	29
1,288	1,082	2,370	1,804	4,268	6,072	3,092	5,350	8,442	30
78	32	110	571	3,725	4,296	649	3,757	4,406	31
86	35	121	576	3,732	4,308	662	3,767	4,429	32
94	41	135	574	3,731	4,305	668	3,772	4,440	33
100	47	147	571	3,757	4,328	671	3,804	4,475	34
108	66	174	552	3,644	4,198	660	3,710	4,370	35
53	81	134	432	7,593	8,025	485	7,674	8,159	36
55	86	141	435	7,652	8,087	490	7,738	8,228	37
61	95	156	428	7,563	7,991	489	7,658	8,147	38
77	109	186	414	7,464	7,878	491	7,573	8,064	39
84	110	194	409	7,436	7,845	493	7,546	8,039	40
73	131	204	388	3,946	4,334	461	4,077	4,538	41
83	138	221	392	3,936	4,328	475	4,074	4,549	42
90	151	241	392	3,934	4,326	482	4,085	4,567	43
100	175	275	386	4,014	4,400	486	4,189	4,675	44
112	198	310	384	3,904	4,288	496	4,102	4,598	45
86	134	220	361	839	1,200	447	973	1,420	46
85	146	231	355	843	1,198	440	989	1,429	47
77	180	237	337	816	1,153	414	976	1,390	48
87	193	280	369	924	1,293	456	1,117	1,573	49
110	199	309	396	932	1,328	506	1,131	1,637	50
1,880	1,955	3,835	4,305	24,893	29,198	6,185	26,848	33,033	51
2,009	2,067	4,076	4,498	24,748	29,246	6,507	26,815	33,322	52
2,110	2,204	4,314	4,510	24,469	28,979	6,620	26,673	33,293	53
2,266	2,396	4,662	4,561	24,277	28,838	6,827	26,673	33,500	54
2,402	2,618	5,020	4,652	23,477	28,129	7,054	26,095	33,149	55
27	39	66	25	95	120	52	134	186	56
27	40	67	26	102	128	53	142	195	57
27	40	67	26	102	128	53	142	195	58
27	41	68	26	101	127	53	142	195	59
28	43	71	24	101	125	52	144	196	60





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