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RAILWAY TRANSPORT

1962

PART I

(Comparative Summary Statistics 1958-62)



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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

1962

PART I

(Comparative Summary Statistics 1958 to 1962)

INTRODUCTION

Presented in this report are comparative railway financial and operating statistics for the period 1958-62 inclusive. Operating data of the Cartier Railway Company are contained in this part of the 1962 Railway Transport series for the first time. This railway company operates 190 miles of first main line track from Port Cartier to iron ore areas at Lac Jeannine and Mount Wright in the Province of Quebec. The financial data concerning this company has not been included in this publication owing to non-availability.

During the latter part of 1961, the Cumberland Railway and Coal Company changed its name to the Cumberland Railway Company; abandoned its four miles of track in the Springhill area of Nova Scotia; and, purchased all the properties and assets of the Sydney and Louisburg Railway Company. The Cumberland Railway Company now operates as a division, the 58 miles of first main track formerly operated by the Sydney and Louisburg Railway which serves such centres as Sydney, Louisburg, New Waterford and Glace Bay in Cape Breton Island.

Track Mileage

Miles of first main track operated by common carrier railways in Canada totalled 43,654 at the close of 1962, down 35 miles from the previous year. Total mileage of all tracks, including first main, second and other main, industrial, yard tracks and sidings, declined 560 miles during the five year period ending 1962.

Investments, Capital and Reserves

Net new investments in road and equipment property increased 5.7 per cent to \$90.6 million in 1962. The total investments in road and equipment property as of 31 December, 1962 amounted to \$6,921 millions. The rate of growth of investments in road and equipment property increased in each of the past five years, but at varying rates from year to year. Thus the peak growth year was 1959 when the rate was 3.96 per cent over the previous year. The two following years tapered off to a growth rate of 1.27 per cent in 1961. The 1962 growth rate rose a little to 1.33 per cent.

During 1962 there was an increase in capital stock and in the funded debt of Canadian railways. The increases amounted to a fraction of one per cent raising the total railway capital to \$5,014 million. Funded debt guaranteed by the Federal

Government decreased almost \$40 million while the funded debt of railways guaranteed by Provincial Governments increased by almost \$20 million. Reserves, other liabilities and deferred credits increased about \$110 million to \$2,102,797,197 in 1962. Depreciation reserves which accounted for 89 per cent of the total reserves increased over \$94 million.

Income

Although railway operating revenues were higher in 1962 than in the two previous years by over \$3.5 million, net income continued to show a deficit largely owing to continued high fixed charges. The fixed charges exceeded the gross income in 1962 by almost \$3 million.

Railway Operating Revenues

Total railway operating revenues of lines in Canada rose a fraction of one per cent between 1961 and 1962. Freight revenues, which rose for the second consecutive year (\$20.3 million in 1961 and \$6.5 million in 1962), contained Federal Government subsidies aggregating more than \$60 million in each of the two years. These payments related to recommendations of the Royal Commission on Transportation and the Freight Rates Reduction Act.

The relatively rapid decline in passenger revenues (approximately \$4 million in 1959 and in 1960; and, almost \$8 million in 1961) was abated in 1962 to a decline of \$0.6 million.

Express revenues rose \$1.4 million while mail revenues declined almost \$0.6 million.

Railway Operating Expenses

Maintenance of road and equipment accounted for approximately 44 per cent of the total railway operating expenses while transportation expenses amounted to 38 per cent. The operating ratio of expenses to revenues was 96.08 in 1962 which is a fraction of one per cent lower than the ratio in 1961.

Maintenance expenses continued to decline from a high in 1959. In 1960 the decline amounted to 4.5 per cent. Since then, the decline has been a fraction of one per cent in each of 1961 and 1962. Transportation expenses, on the other hand, have remained relatively constant over the past three years in total.

Freight and Passenger Traffic

Revenue freight traffic (excluding that interchanged between Canadian Railways) totalled 161 million tons in 1962. This is above the previous year total of 153 million and above the five year average of 158 million tons. In making the comparisons of tonnage it should be noted that 1962 freight traffic was perhaps stimulated somewhat by a prolonged trucking strike in Ontario and Quebec. Freight traffic ton-miles amounted to 67,937 million, thus exceeding the previous year's figure of 65,828 million and the five year average of 66,705 million. The average length of haul in 1962 was 422 miles, — one mile longer than the five year mean of average hauls.

The number of passengers carried rose for the first time since 1945, increasing 2.5 per cent to 19,257,772.

Equipment

Freight cars in service in 1962 (excluding privately owned cars) numbered 185,169, a decrease of 0.6 per cent from 1961. The number of freight cars has decreased in the 1958-1962 period an average of 1.5 per cent each year. However, there has been a constant increase in average capacity over the same period. The total freight capacity has therefore decreased at a slower rate (average 0.9 per cent per year). The total capacity in 1962 was 9,651,717 tons, a very slight increase over the previous year.

Passenger cars declined each year during the 1958-1962 period an average of 339 cars per year. The decrease in 1962 was 359 cars to a total of 4,378 in service.

The number of locomotives has also decreased each year during the 1958-1962 period. The decline

has been chiefly due to conversion from steam locomotives to diesel locomotives. Although 138 steam locomotives were reported in 1962, no mileage was reported by these units in Transportation Service. Diesel locomotives, on the other hand, numbered 3,320 in 1962, an increase of eleven over the previous year and 521 over the 1958 number.

Fuel

The consumption of diesel oil in 1962 amounted to 339.6 million gallons, an increase of 1.9 million gallons over the 1961 consumption and 44.1 million gallons consumed during 1958.

The use of crude oil in mountain regions amounted to 3,307,668 gallons in 1962, an increase of over three times that used in 1961 (985,106 gallons).

Accidents

A total of 253 persons were killed and 1,465 were injured in train accidents in 1962 compared with 228 deaths and 1,451 injuries in 1961. Of the 1962 totals, 145 employees, passengers and pedestrians were killed and 405 were injured at highway crossings. A further breakdown of these 145 fatalities shows that 95 persons died at unprotected crossings as against 50 at protected crossings.

A total of 90,943 days were lost by employees through injuries in train and non-train accidents in 1962 compared with 89,197 in 1961.

Highway Crossings

Highway crossings in Canada in 1962 totalled 33,273 compared with 33,149 in 1961. Of the 1962 total, 84 per cent (27,926) were unprotected.

September 25, 1963.

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

	1958	1959	1960	1961	1962
number					
First main track:					
Newfoundland	934	934	934	933	935
Prince Edward Island	285	285	284	279	279
Nova Scotia	1,336	1,333	1,316	1,298	1,270
New Brunswick	1,818	1,818	1,783	1,783	1,782
Quebec	5,096	5,228	5,228	5,224	5,348
Ontario	10,466	10,421	10,245	10,188	10,137
Manitoba	5,004	5,004	5,056	4,954	4,898
Saskatchewan	8,721	8,721	8,721	8,606	8,588
Alberta	5,680	5,680	5,679	5,689	5,683
British Columbia	4,388	4,388	4,386	4,338	4,337
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	44,125	44,209	44,029	43,689	43,654
Second main track	2,444	2,350	2,243	2,150	2,081
Other main track	45	48	48
Industrial track	1,216	1,219	1,248	1,262	1,266
Yard track and sidings	11,534	11,616	11,628	11,633	11,710
Totals all tracks	59,319	59,394	59,193	58,782	58,759
Gauge of first main track:					
4 ft. 8½ inches	43,306	43,391	43,211	42,870	42,835
3 ft. 6 inches	729	728	728	729	729
3 ft.	90	90	90	90	90
First main track owned but not operated	22	21	21	21	21

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

	1958	1959	1960	1961	1962
number					
Newfoundland	934.60	934.20	934.20	933.20	935.40
Increase over previous year	—	—	—	D 1.00	2.20
Prince Edward Island	284.80	284.80	284.50	278.60	278.60
Increase over previous year	—	—	D 0.30	D 5.90	—
Nova Scotia	D 1,335.70 34.30	D 1,333.30 2.40	D 1,316.30 17.00	D 1,298.00 18.30	D 1,270.40 27.60
Increase over previous year	—	—	—	—	—
New Brunswick	1,817.70	1,817.70	D 1,782.70 35.00	D 1,782.60 0.10	D 1,782.40 0.20
Increase over previous year	—	—	—	—	—
Quebec	D 5,095.90 0.70	5,228.20 132.30	D 5,227.50 0.70	D 5,223.80 3.70	D 5,347.80 124.00
Increase over previous year	—	—	—	—	—
Ontario	D 10,466.60 46.90	D 10,421.00 45.60	D 10,245.20 175.80	D 10,166.50 56.70	D 10,136.80 51.70
Increase over previous year	—	—	—	—	—
Manitoba	D 5,004.50 0.10	5,004.50	D 5,055.90 51.40	D 4,953.70 102.20	D 4,697.50 56.20
Increase over previous year	—	—	—	—	—
Saskatchewan	D 8,720.80 0.10	D 8,720.60 0.20	D 8,721.00 0.40	D 8,606.50 114.50	D 8,587.90 18.60
Increase over previous year	—	—	—	—	—
Alberta	D 5,679.50 0.50	D 5,679.70 0.20	D 5,678.60 1.10	D 5,686.90 10.30	D 5,683.00 5.90
Increase over previous year	—	—	—	—	—
British Columbia	D 4,386.40 317.80	D 4,388.10 0.30	D 4,386.20 1.90	D 4,337.90 46.30	D 4,337.30 0.60
Increase over previous year	—	—	—	—	—
Yukon	57.70	57.70	57.70	57.70	57.70
Increase over previous year	—	—	—	—	—
United States	339.10	339.10	339.20	339.40	339.40
Increase over previous year	—	—	1.10	0.20	—
Totals	44,125.30	44,208.90	44,029.00	43,688.80	43,654.20
Increase over previous year	235.20	83.60	D 179.90	D 340.20	D 34.60

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

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

	1958	1959	1960	1961	1962
dollars					
Investment changes during the year:					
Road	174,390,869	134,823,880	113,587,736	72,244,687	70,674,769
Equipment	133,068,199	78,487,442	Cr. 12,920,826	C. 30,683,878	7,258,657
General	Cr. 1,673,544	Cr. 816,428	Cr. 35,546	3,152,244	Cr. 243,729
Undistributed (see below).....	2,253,817	42,668,998	6,742,707	40,971,544	12,905,861
Totals	308,039,341	255,163,892	107,374,071	85,684,597	90,595,558
Total investments to December 31.....	6,382,168,379	6,637,332,271	6,744,706,342	6,830,390,939	6,920,986,497
Undistributed:					
Non-rail property:					
Canadian National Railways	6,017,011	1,861,030	6,538,741	15,506,157	10,513,908
Canadian Pacific Railway Company	Cr. 3,825,030	36,878,761	122,830	25,492,752	2,581,950
Other railways	61,836	3,929,207	81,136	Cr. 27,365	Cr. 189,997
Totals	2,253,817	42,668,998	6,742,707	40,971,544	12,905,861

TABLE 4. Railway Capital at December 31

	1958	1959	1960	1961	1962
dollars					
Stocks	2,354,013,053	2,376,415,625	2,433,278,796	2,455,989,031	2,476,603,604
Debenture stock.....	292,646,644	292,646,644	292,548,888	292,548,888	292,548,888
Funded debt	1,953,114,826	2,122,675,213	2,244,571,812	2,234,316,735	2,245,169,028
Totals	4,599,774,523	4,791,737,482	4,970,399,496	4,982,854,654	5,014,341,520

TABLE 5. Funded Debt Guaranteed at December 31, 1962

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	-	240,000	240,000
Canadian National Railway	1,630,875,000	-	1,630,875,000
Canadian Northern Ontario Railway	-	-	-
Canadian Northern Alberta Railway	-	-	-
Grand Trunk Pacific Railway	-	-	-
Grand Trunk Railway	20,308	-	20,308
Totals	1,630,895,308	-	1,630,895,308
Ontario Northland Railway	-	12,280,000	12,280,000
Pacific Great Eastern Railway	-	125,476,300	125,476,300
Grand totals	1,630,895,308	137,996,300	1,768,891,608

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

	1958	1959	1960	1961	1962
dollars					
Depreciation reserves:					
Road and equipment	1,464,780,999	1,553,177,751	1,605,833,495	1,672,107,680	1,757,446,877
Other properties	85,778,147	94,838,841	91,728,040	106,866,009	115,579,571
Other reserves:					
Pension and welfare	7,867,051	8,376,995	8,269,039	8,485,589	8,949,614
Insurance	28,609,623	28,619,651	29,014,278	29,424,374	29,921,365
Equalization	103,899	111,026	91,602	89,139	77,840
Other liabilities and deferred credits:					
Interest in default	—	—	—	—	—
Other deferred liabilities	16,492,234	14,033,856	18,378,968	17,615,227	16,305,074
Tax equalization reserve	35,634,017	73,889,940	87,142,624	100,398,259	114,208,416
Premium on funded debt	—	—	—	—	—
Other unadjusted credits	37,333,989	36,310,583	36,382,589	39,777,533	41,272,505
Reserve for investments	2,285,091	6,117,773	10,814,636	18,243,786	19,035,935
Totals	1,678,885,050	1,815,476,416	1,887,655,271	1,993,007,596	2,102,797,197

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

	1958	1959	1960	1961	1962
dollars					
Income account					
Railway operating revenues	1,163,735,417	1,224,567,928	1,151,655,456	1,156,480,700	1,165,296,722
Railway operating expenses ²	1,083,342,821	1,106,158,160	1,049,581,887	1,053,229,206	1,061,569,880
Net railway operating revenues	80,392,596	118,409,768	102,073,569	103,251,494	103,726,842
Tax accruals	48,934,683	60,148,554	59,888,539	61,203,319	58,092,192
Railway operating income	31,457,913	58,261,204	42,185,030	42,048,175	45,634,650
Other income:					
Rail and non-rail ³	18,996,399	21,742,363	25,545,534	16,198,145	37,012,102
Gross income	50,454,312	80,003,567	67,730,564	58,246,320	82,646,752
Deductions:					
Other rents	443,798	390,903	370,018	390,734	389,082
Separately operated properties — loss	1,134	—	443,838	—	—
Income transferred to other companies	—	—	—	—	1,990
Other income charges	367,837	1,542,690	1,268,877	325,072	962,444
Provision for income tax — other	825,230	809,286	1,364,569	1,732,021	3,781,827
Fixed charges ⁴	70,075,548	76,111,172	92,914,721	85,529,106	85,502,922
Totals	71,713,547	78,854,051	96,362,023	87,976,933	90,638,265
Net income	Dr. 21,259,235	1,149,516	Dr. 28,631,459	Dr. 29,730,613	Dr. 7,991,513
Retained income					
Dividend appropriations	27,277,094	28,749,308	61,462,274	34,320,011	33,999,592
Other appropriations and misc. debits	Cr. 5,511,002	2,393,666	3,768,173	2,352,590	3,629,414
Total debits	21,766,092	31,142,974	65,230,447	36,672,601	37,629,006
Total credits	Cr. 76,315,349	50,726,175	72,886,018	80,983,846	59,009,671
Balance to general balance sheet	Cr. 33,290,022	Cr. 20,732,717	Dr. 20,975,888	Cr. 14,580,632	Cr. 13,389,152

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

	1958	1959	1960	1961	1962
dollars					
Operating revenues:					
Railway line:					
Freight	995,853,940	1,058,009,762	992,739,695	1,012,969,006	1,019,548,627
Passenger	77,318,387	73,587,794	69,154,309	61,229,591	60,616,581
Baggage	296,432	267,034	307,093	275,504	269,608
Sleeping, parlour and chair car	10,434,058	10,766,016	10,227,842	8,587,575	8,841,354
Mail	15,171,791	17,679,091	17,432,364	16,905,032	16,333,763
Express	22,348,264	23,069,446	21,779,676	16,121,148	17,568,697
Other passenger train	20,137	21,189	27,793	24,537	17,533
Milk	336,291	258,384	193,789	167,383	119,624
Switching	8,536,836	8,203,102	7,728,402	7,135,785	7,604,645
Water transfers—Freight	1,043,008	1,756,263	1,733,109	1,626,927	1,630,032
" " Passenger	129,192	173,500	179,100	186,100	213,399
Totals	1,131,488,336	1,193,791,561	1,121,503,172	1,125,228,588	1,132,763,863
Incidental:					
Dining and buffet car	7,223,064	7,201,090	7,008,090	6,120,676	7,190,275
News service and restaurant	3,707,471	3,761,426	3,573,583	3,235,191	3,326,077
Station, train, etc., privileges	640,680	652,218	637,415	556,740	531,158
Storage—Parcels and baggage	152,736	137,850	100,104	77,865	86,225
Storage—Freight	390,183	422,494	329,986	416,892	338,226
Demurrage	3,526,272	3,878,475	3,681,627	3,169,844	3,363,408
Grain elevators	1,762,486	1,637,512	1,537,807	1,730,377	1,288,843
Wharves	1,891,586	1,906,808	2,052,159	2,077,067	1,701,894
Rents of buildings, etc.	3,423,476	3,460,756	3,627,231	3,803,741	3,701,518
Other	9,288,699	7,531,056	7,487,538	10,051,031	11,081,594
Totals	32,006,653	30,589,685	30,035,340	31,239,424	32,609,218
Joint facilities, Cr. balance	240,428	186,682	116,944	12,688	Dr. 76,359
Total railway operating revenues	1,163,735,417	1,224,567,928	1,151,655,456	1,156,480,700	1,165,296,722
Operating expenses:					
Road maintenance	248,593,455	259,958,839	243,990,846	243,445,087	239,680,724
Equipment maintenance	253,744,614	256,778,520	249,473,225	249,354,157	250,173,628
Traffic	27,208,205	29,140,473	28,866,434	29,027,607	29,022,709
Transportation—Railway line	440,116,687	443,292,012	424,924,203	423,367,291	424,859,293
Miscellaneous operations	14,824,857	14,787,822	14,506,531	13,595,042	13,476,328
General expenses	95,852,643	99,167,863	88,863,980	94,960,331	101,758,052
Totals	1,080,340,461	1,103,125,529	1,050,625,219	1,053,749,515	1,058,970,734
Equipment rents—Dr.	2,369,950	2,127,313	Cr. 1,615,965	Cr. 1,236,788	1,704,868
Joint facility rents—Dr.	632,410	905,318	572,633	716,479	894,278
Railway tax accruals	48,934,683	60,148,564	59,888,539	61,203,319	58,092,192
Total railway operating expenses	1,132,277,504	1,166,306,724	1,109,470,426	1,114,432,525	1,119,662,072

TABLE 9. Operating Statistics, Year Ended December 31

	1958	1959	1960	1961	1962
Average first main track mileage					
45,165					
Locomotive miles:					
Steam:					
Freight	13,155,971	6,806,200	601,910	31,677	—
Passenger	8,477,994	2,842,106	393,283	303	—
Train switching	1,356,082	495,291	50,851	—	—
Yard switching	2,709,734	1,578,154	627,406	172,003	—
Total transportation service	25,699,781	11,721,751	1,673,450	203,983	—
Work train service	927,485	686,965	155,334	2,225	—
Diesel:					
Freight	58,670,214	63,662,881	64,342,704	61,362,516	61,311,000
Passenger	26,060,580	29,104,784	28,006,632	25,161,665	23,752,530
Train switching	3,705,693	3,461,220	3,620,276	3,332,998	3,314,788
Yard switching	24,484,346	25,911,225	25,972,344	25,073,403	24,873,129
Total transportation service	112,920,833	122,140,110	121,941,958	114,930,582	113,251,447
Work train service	2,396,410	2,985,114	2,352,258	2,231,688	— ¹

¹ Discontinued 1962. Detail not considered statistically useful.

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

	1958	1959	1960	1961	1962
Locomotive miles—Concluded:					
Other:					
Freight	144,121	116,344	126,679	102,738	35,152
Passenger	133,731	158,361	136,769	188,773	251,197
Train switching	116,123	102,645	91,266	64,116	—
Yard switching	393,797	138,172	75,814	62,847	65,970
Total transportation service	787,772	515,522	430,528	418,474	332,319
Work train service	1,444	963	—	—	—
Total:					
Freight	71,970,306	70,585,425	65,071,293	61,496,931	61,346,152
Passenger	34,672,305	32,105,251	28,536,684	25,350,741	24,003,727
Train switching	5,177,898	4,059,156	3,782,393	3,397,114	3,314,788
Yard switching	27,587,877	27,627,551	26,675,564	25,308,253	24,939,099
Grand total transportation service	139,408,386	134,377,383	124,045,934	115,553,039	113,603,766
Grand total work train service	3,325,339	3,673,042	2,507,592	2,233,913	—
Train miles:					
Freight—Drawn by locomotive	68,655,553	68,351,068	63,887,230	60,592,587	60,307,977
Passenger—Drawn by locomotive	34,020,053	31,470,367	27,869,238	25,017,043	23,369,055
" Drawn by self-propelled car	6,525,670	6,741,943	6,623,714	6,113,625	5,848,198
" Total	40,545,723	38,212,310	34,492,952	31,130,668	29,217,253
Total transportation service	109,201,276	106,563,378	98,380,182	91,723,255	89,525,230
Work train service	2,811,591	3,248,722	2,443,096	2,003,554	2,085,116
Freight car miles—Transportation service:					
In freight trains:					
Freight loaded	2,127,077,809	2,105,287,849	2,028,846,873	1,996,837,285	2,003,297,777
Freight empty	1,128,340,412	1,148,347,366	1,156,562,477	1,176,025,443	1,190,733,466
Caboose	69,089,769	68,531,468	64,414,510	61,722,930	62,143,573
Totals	3,324,507,990	3,322,166,683	3,249,823,860	3,234,585,658	3,236,174,816
In passenger trains—Transportation service	4,234,399	5,311,417	5,920,116	6,426,964	6,084,469
Total transportation service	3,328,742,389	3,327,478,100	3,255,743,976	3,241,012,622	3,262,259,285
Work train service	12,629,883	13,229,403	12,104,988	10,332,405	8,633,201
Passenger car miles—Transportation service:					
In passenger trains:					
Locomotive drawn:					
Self-propelled car	118,746	116,650	139,162	100,849	63,557
Coach (including colonist)	78,777,596	75,984,243	71,624,451	63,329,286	58,475,251
Sleeping, parlour and observation	103,448,969	97,344,470	90,602,918	75,457,769	72,044,374
Dining	15,375,488	15,388,461	15,047,731	12,866,781	13,099,362
Express	80,375,634	80,479,871	70,753,773	66,845,328	63,705,209
Other head-end	66,300,568	61,065,423	55,468,406	54,216,296	51,769,082
Other	2,230,405	2,279,848	2,143,957	1,930,960	2,099,628
Totals	346,627,406	332,658,966	305,780,398	274,747,269	261,256,463
Self-propelled car drawn:					
Self-propelled	10,584,416	10,872,958	10,624,808	10,148,251	10,027,462
Coach (including colonist)	804,339	653,008	851,265	796,666	814,984
Sleeping, parlour and observation	—	—	—	—	—
Dining	—	—	—	—	—
Express	10,084	18,414	27,854	2,784	378
Other head-end	6,611	9,960	4,724	1,902	308
Other	15	—	156	139	74
Totals	11,405,465	11,554,340	11,508,807	10,949,742	10,843,206
Total drawn (locomotive and motor unit car):					
Self-propelled car	10,703,162	10,989,608	10,763,970	10,249,100	10,091,019
Coach (including colonist)	79,581,935	76,637,251	72,475,716	64,125,952	59,290,235
Sleeping, parlour and observation	103,448,969	97,344,470	90,602,918	75,457,769	72,044,374
Dining	15,375,488	15,388,461	15,047,731	12,866,781	13,099,362
Express	80,385,718	80,498,285	70,781,627	66,848,112	63,705,587
Other head-end	66,307,179	61,075,383	55,473,130	54,218,198	51,769,390
Other	2,230,420	2,279,848	2,144,113	1,931,099	2,099,702
Totals	358,032,871	344,213,306	317,289,205	285,697,011	272,099,669
In freight trains—Transportation service	24,307,734	23,337,961	27,706,623	28,215,396	24,850,002
Totals transportation service	382,340,605	367,551,267	344,995,828	311,912,407	296,949,671
Work train service	59,209	36,558	7,144	4,366	3,398

* Discontinued 1962. Detail not considered statistically useful.

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

	1958	1959	1960	1961	1962
Averages:					
Locomotive miles in transportation service per mile of road	3,087	2,973	2,751	2,572	2,535
Train miles in transportation service per mile of road	2,418	2,358	2,182	2,041	1,998
Loaded freight cars per freight train	30.98	30.80	31.76	32.96	33.22
Empty " " " "	16.43	16.80	18.10	19.41	19.74
Total freight train cars per freight train	48.42	48.60	50.87	53.38	53.99
Passenger train cars per passenger train drawn by locomotive	10.19	10.57	10.97	10.98	11.18
Passenger cars per passenger train drawn by locomotive	5.36	5.51	5.83	5.55	5.59
Freight traffic — Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways	129,238,306	140,504,572	133,854,651	131,127,797	138,435,127
Received from U.S. connections	24,203,450	25,590,577	24,607,483	21,952,520	22,495,214
Total tons originated	153,441,756	166,095,149	158,462,134	153,080,317	160,930,341
Interchanged between Canadian railways	20,758,175	20,107,417	20,374,634	21,438,087	21,908,835
Total tons	174,199,931	186,202,566	178,836,768	174,518,404	182,839,176
Tons carried one mile	'000 66,356,829	67,956,540	65,444,784	65,828,403	67,937,162
Tons originated per mile of road	3,397	3,675	3,515	3,407	3,591
Tons carried one mile (rail line) per mile of road	1,469,050	1,503,362	1,451,410	1,464,492	1,515,811
Average miles hauled per revenue ton — All railways ²	432	409	413	430	422
Freight traffic — Revenue and non-revenue freight (tons - 2,000 lb.):					
Tons carried	187,147,036	198,478,611	188,374,920	183,337,077	194,203,150
Tons carried one mile	'000 68,914,260	70,259,613	67,325,782	67,630,310	69,686,371
Tons per loaded car mile in transportation service (revenue and non-revenue)	32.35	33.31	33.11	33.79	34.71
Gross ton miles — Freight train cars	'000 146,138,505	148,159,968	146,062,923	145,388,910	148,190,351
Passenger train cars	'000 25,823,179	24,901,935	22,801,891	20,444,377	19,794,222
Totals	'000 171,961,684	173,061,903	168,864,815	165,833,287	167,984,573
Gross ton miles per freight train mile	2,129	2,168	2,286	2,399	2,457
Gross ton miles (transportation service) per mile of road	3,807,410	3,828,888	3,745,477	3,690,433	3,748,401
Train hours — Freight service	3,516,971	3,454,714	3,152,478	2,898,801	2,827,247
Passenger traffic:					
Passengers carried	21,376,438	20,939,928	19,497,233	16,783,732	19,257,772
Passengers carried on mile	'000 2,485,861	2,445,654	2,263,795	1,960,591	2,018,842
Passengers carried per mile of road	473	463	432	418	430
Passengers carried one mile per mile of road	55,040	54,109	50,212	43,631	45,048
Average number of passengers per passenger train car in transportation service	7	7	7	6	7
Average number of passengers per passenger car in transportation service	12	13	13	13	14
Average passenger journey	116.3	116.8	116.1	104.4	104.8
Freight revenues — Rail line:					
Freight receipts	\$ 995,853,940	1,058,009,762	992,739,695	1,012,969,006	1,019,548,627
Switching receipts	\$ 8,536,836	8,203,102	7,728,402	7,135,785	7,604,645
Other freight train receipts and water transfers	\$ 1,043,008	1,756,263	1,733,109	1,626,927	1,630,032
Total freight revenues	\$ 1,005,433,784	1,067,969,127	1,002,201,206	1,021,731,718	1,028,783,304
Average freight revenue per mile of road	\$ 22,261	23,628	22,229	22,737	22,956
Average freight receipts per mile of road	\$ 22,049	23,408	22,019	22,542	22,750
Average freight receipts per freight train mile	\$ 14.51	15.48	15.54	16.72	16.91
Average freight receipts per loaded freight car mile in transportation service	\$ 46.74	50.16	48.82	50.61	50.78
Average freight receipts per ton originated	\$ 6.49	6.37	6.26	6.62	6.34
Average freight receipts per ton mile	\$ 1.501	1.557	1.517	1.539	1.501
Passenger revenues — Rail line:					
Passenger receipts	\$ 77,318,387	73,587,794	69,154,309	61,229,591	60,616,581
Sleeper, parlour and chair car receipts	\$ 10,434,058	10,766,016	10,227,842	8,587,575	8,841,354
Baggage	\$ 296,432	267,034	307,093	275,504	269,608
Mail	\$ 15,171,791	17,679,091	17,432,364	16,905,032	16,333,763
Express	\$ 22,348,264	23,069,446	21,779,676	16,121,148	17,368,697
Milk	\$ 336,291	258,384	193,789	167,383	119,624
Other passenger train revenue and water transfers	\$ 149,329	194,669	206,893	210,637	230,932
Total passenger train revenues	\$ 126,054,552	125,822,434	119,301,966	103,496,870	103,980,559
Average passenger train revenue per mile of road	\$ 2,790.10	2,783.74	2,646.16	2,303.21	2,320.02
Average passenger train revenue per passenger train mile	\$ 3.11	3.29	3.46	3.32	3.56
Average passenger train revenue per passenger train car in transportation service	\$ 32.97	34.23	34.58	33.18	35.02
Average passenger receipts per passenger per railway	\$ 3.62	3.51	3.55	3.26	3.15
Average passenger receipts per passenger mile	\$ 3.11	3.01	3.05	3.12	3.00
Average passenger receipts per passenger car in transportation service	\$ 38.45	38.45	38.52	39.57	41.55
Average sleeper, etc., receipts per sleeper, etc. car miles	\$ 10.01	11.03	11.26	11.31	12.19

² Computed by dividing total ton-miles by tons of freight originated.

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

	1958	1959	1960	1961	1962
Gross earnings from operation, rail and water:					
Freight, switching, rail and water.....	\$ 1,005,433,784	1,067,969,127	1,002,201,206	1,021,731,716	1,028,783,304
Passenger; rail and water.....	\$ 126,054,552	125,822,434	119,301,966	103,496,870	103,980,559
Other earnings from operation	\$ 32,247,081	30,776,367	30,152,284	31,252,112	32,532,859
Totals	\$ 1,163,735,417	1,224,567,928	1,151,655,456	1,156,480,700	1,165,296,722
Operating expenses	\$ 1,132,277,504	1,166,306,724	1,109,470,426	1,114,432,525	1,119,662,072
Net operating revenue	\$ 31,457,913	58,261,204	42,185,030	42,048,175	45,634,650
Operating ratio	\$ 97.30	95.24	96.34	96.36	96.08
Gross earnings per mile of road.....	\$ 25.766	27.093	25.544	25.736	26.002
Gross earnings per revenue train mile	\$ 10.66	11.49	11.71	12.61	13.02

TABLE 10. Taxes, Year Ended December 31

	1958	1959	1960	1961	1962
dollars					
Provincial and municipal:					
Newfoundland	8,329	25,350	31,073	32,768	20,245
Prince Edward Island	261	15,062	5,595	5,601	9,494
Nova Scotia.....	114,815	135,421	144,755	140,359	260,278
New Brunswick.....	263,456	477,771	516,399	361,625	405,391
Quebec.....	4,314,446	5,608,360	5,312,696	5,216,070	7,052,968
Ontario ¹	5,183,699	6,218,050	6,526,949	6,733,910	8,197,368
Manitoba	1,510,596	507,196	1,427,962	1,532,004	1,581,493
Saskatchewan	895,785	1,257,310	1,330,769	1,308,843	1,400,007
Alberta.....	893,782	1,059,085	1,070,398	1,110,957	1,171,552
British Columbia	2,851,967	2,208,256	2,426,545	2,653,397	2,479,861
Yukon.....	16,737	23,496	28,394	19,247	28,540
Income and excise tax.....	25,573,672	34,812,379	31,823,040	33,511,027	26,477,599
Unemployment insurance.....	4,293,569	4,550,421	5,909,725	5,602,066	5,483,198
Other special tax	132,786	161,013	116,285	124,985	613,122 ²
Outside Canada	2,949,624	3,161,974	3,315,072	2,926,115	2,982,744
Totals	49,003,526	60,221,144	59,985,657	61,278,974	58,163,860
Taxes paid by railway bridge companies	27,202	43,303	14,423	12,096	9,385
" " " puliman company	—	—	—	—	—
Grand totals	49,030,728	60,264,447	60,000,080	61,291,070	58,173,245

¹ Includes taxes on Lake Erie and Detroit River Railway which are paid as rent by the Chesapeake and Ohio Railway (Père Marquette District.)² Includes \$495,000 Provision for possible taxation on Crown properties.

TABLE 11. Traffic Carried in Year Ended December 31

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Products of agriculture:					
Wheat	14,553,875	13,794,365	13,293,302	15,155,289	13,403,510
Corn	929,562	845,755	844,471	838,465	1,046,821
Sorghum grains	18,545	9,396	23,144	35,491	18,305
Oats	1,490,516	1,372,154	1,186,626	982,668	935,985
Barley	3,402,804	3,272,853	2,657,617	2,710,432	1,740,092
Rye	210,658	149,493	141,647	142,393	207,256
Rice	31,702	27,478	38,167	39,457	57,484
Grain, n.o.s.	35,799	26,194	47,354	61,093	78,613
Flour, wheat	1,629,846	1,689,048	1,639,965	1,480,964	1,504,838
Meal, corn	8,945	14,802	18,696	20,031	19,457

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Products of agriculture — Concluded:					
Flour, edible, n.o.s.	121,176	88,181	84,410	135,757	86,094
Cereal food preparations, n.o.s.	224,103	227,547	256,594	272,014	235,262
Mill products, n.o.s.	1,533,200	1,377,744	1,299,575	1,269,924	1,149,053
Hay	65,558	51,784	65,271	114,416	61,864
Straw	2,719	8,017	7,900	27,983	7,731
Tobacco, unmanufactured	55,884	62,368	58,784	49,714	59,051
Tobacco siftings, sweepings and waste	724	2,397	2,479	1,150	3,665
Cotton in bales	105,418	114,070	117,837	124,567	127,779
Cotton linters, noils, and regins	36,313	38,777	36,140	35,064	32,427
Cottonseed	455	740	222	278	184
Cottonseed oil cake and meal	2,675	1,445	9,643	4,588	1,641
Cottonseed hulls and bran	501	641	1,418	3,792	638
Soybeans	109,196	84,584	51,165	100,285	103,315
Soybeans oil cake and meal	615,175	610,674	551,795	511,437	564,859
Vegetable and nut oil cake and meal, n.o.s.	54,322	39,071	35,184	39,830	35,307
Apples, fresh, not frozen	143,819	91,371	91,286	87,105	81,400
Bananas, fresh	149,014	138,808	153,723	111,456	98,286
Berries, fresh, not frozen	2,542	2,421	2,620	1,770	1,441
Cantaloupes and melons, n.o.s.	22,261	23,173	59,098	27,510	37,027
Grapes, fresh	77,122	74,805	81,553	79,529	84,650
Lemons, limes, and citrus fruits, n.o.s.	13,529	16,825	20,535	16,332	20,055
Oranges and grapefruit	184,997	218,178	192,861	162,180	146,767
Peaches, fresh, not frozen	20,617	18,102	22,026	22,054	18,177
Pears, fresh, not frozen	21,645	23,747	20,563	18,905	20,189
Watermelons	25,196	23,547	29,348	20,130	19,470
Fruits, fresh, n.o.s., not frozen	30,902	30,612	31,336	31,464	40,273
Fruits, dried, dehydrated, and evaporated, n.o.s.	29,997	29,824	27,398	22,050	24,265
Fruits and berries, fresh, frozen	24,490	21,399	18,321	14,385	19,494
Coffee	60,425	69,908	84,384	72,942	77,183
Cabbage	24,160	26,483	28,923	26,594	16,803
Celery	40,524	42,883	38,994	38,761	32,028
Lettuce	79,980	79,142	78,571	83,849	89,031
Onions, dry	43,778	38,995	39,475	26,661	32,583
Potatoes, other than sweet	805,168	745,537	710,573	611,646	806,160
Tomatoes	71,952	73,083	77,518	70,589	73,609
Vegetables, fresh, n.o.s., not frozen	156,824	136,464	153,832	160,072	143,014
Beans and peas, dried	100,313	112,708	91,322	106,559	105,893
Vegetables, dried, dehydrated, and evaporated, n.o.s.	3,688	3,398	4,066	3,753	2,631
Vegetables, fresh, frozen	38,367	28,836	28,179	40,889	28,292
Peanuts	11,763	11,336	12,036	10,012	23,046
Sugar beets	528,386	744,565	689,596	650,597	477,670
Malt, n.o.s.	342,180	371,223	367,653	413,224	365,659
Flaxseed	551,963	575,003	540,562	481,201	451,432
Seeds, n.o.s.	374,390	214,357	406,221	309,475	261,652
Products of agriculture, n.o.s.	89,572	92,379	94,480	133,665	95,926
Totals	29,309,235	27,988,690	26,668,459	28,012,441	25,177,337
Animals and products:					
Horses, mules, ponies, and asses	18,297	13,417	11,865	10,378	9,894
Cattle and calves, single-deck	390,399	284,677	261,878	275,807	227,117
Calves, double-deck	2,942	1,392	1,331	3,147	4,300
Sheep and goats, single-deck	12,208	8,104	6,042	6,810	3,805
Sheep and goats, double-deck	2,246	7,006	10,280	14,026	11,726
Swine, single-deck	170,985	179,194	115,703	95,770	70,394
Swine, double-deck	7,863	13,332	22,399	36,529	49,067
Meats, fresh, n.o.s.	341,359	369,193	515,420	473,206	473,199
Meats, cooked, cured, dried, and smoked	44,177	43,000	46,463	38,237	40,452
Packing house products, edible, n.o.s.	102,939	119,551	201,008	106,527	77,954
Margarine, n.o.s.	17,813	19,255	18,609	25,459	24,853
Poultry, live	165	267	736	465	377
Poultry, dressed and frozen	27,963	31,588	28,636	35,298	34,728

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Animals and products - Concluded:					
Eggs.....	9,751	6,202	5,414	4,122	3,137
Butter.....	51,665	57,776	54,931	55,309	50,649
Cheese.....	43,776	47,344	54,919	50,152	56,911
Dairy products, n.o.s.....	817	1,739	2,899	3,260	2,521
Wool and mohair in grease.....	24,224	34,084	25,802	31,004	23,246
Wool and mohair, n.o.s.....	11,808	11,901	12,205	15,966	13,399
Hides, skins, and pelts, n.o.s.....	140,852	119,909	123,089	144,118	135,044
Leather, n.o.s.....	7,847	4,246	2,839	2,235	4,408
Sea food, n.o.s.....	67,178	54,554	52,223	49,353	38,357
Fish and sea animal oil.....	34,395	24,508	19,115	32,099	49,520
Animals and products, n.o.s.....	103,209	119,149	101,625	109,935	103,206
Totals	1,634,878	1,571,388	1,695,451	1,619,212	1,508,284
Products of mines:					
Anthracite coal, n.o.s.....	1,615,208	1,555,670	1,377,962	1,134,688	977,969
Anthracite coal to breakers and washeries.....	193	104	142	14,180	34,024
Bituminous coal.....	12,854,100	11,949,461	11,259,474	10,461,389	10,184,111
Coke.....	1,585,402	1,581,553	1,582,395	1,571,791	1,356,092
Iron ore.....	13,573,784	22,313,720	18,688,634	16,897,166	24,239,159
Aluminum ore and concentrates.....	2,475,750	2,678,959	2,930,538	2,165,061	1,641,664
Copper ore and concentrates.....	461,096	461,025	653,964	686,243	789,427
Copper-nickel (nickel) ore and concentrates.....	2,411,503	3,006,697	3,009,773	3,850,102	2,857,401
Lead ore and concentrates.....	213,766	212,683	299,652	307,980	286,608
Zinc ore and concentrates.....	715,509	676,516	641,965	636,525	1,168,650
Ores and concentrates, n.o.s.....	1,435,749	1,491,191	2,162,310	1,574,260	1,068,747
Barytes.....	33,945	61,300	48,305	35,999	20,413
Clay and bentonite.....	368,198	423,382	390,868	361,187	414,708
Sand, industrial.....	728,465	778,562	715,965	744,445	805,784
Gravel and sand, n.o.s.....	6,268,653	5,664,251	5,592,658	5,048,931	5,452,696
Stone and rock; broken, ground, and crushed.....	7,017,430	6,694,809	5,592,700	5,237,255	5,017,049
Fluxing stone and raw dolomite.....	362,416	420,989	261,907	139,391	73,054
Stone, rough, n.o.s.....	99,761	83,223	56,266	109,940	149,799
Stone, finished, n.o.s.....	29,941	25,211	27,382	19,991	18,133
Petroleum, crude.....	660,020	683,745	633,632	523,317	642,770
Asphalt.....	476,373	434,834	382,186	331,243	333,485
Salt.....	995,527	1,125,429	1,167,670	1,275,427	1,587,575
Phosphate rock.....	600,779	576,922	668,903	796,295	1,024,374
Sulphur.....	302,155	259,032	408,308	532,604	775,359
Asbestos, not further processed than milled.....	900,404	993,863	1,067,202	1,073,129	1,073,988
Gypsum, crude.....	1,924,907	4,831,854	3,431,907	4,002,471	4,451,586
Products of mines, n.o.s.....	1,784,890	2,191,449	2,130,527	1,857,634	1,592,217
Totals	59,895,924	71,178,434	65,541,193	61,388,644	68,236,842
Products of forests:					
Logs, butts, and bolts.....	1,493,119	1,649,650	2,070,962	1,655,832	2,240,469
Posts, poles, and piling, wooden.....	394,232	407,745	413,744	401,548	362,210
Wood fuel.....	31,007	27,651	16,077	11,595	11,855
Ties, railroad.....	59,139	48,397	104,847	69,661	57,934
Pulpwood.....	4,731,075	4,121,483	4,794,373	4,574,296	4,867,930
Lumber, shingles, and lath.....	6,749,095	7,230,133	8,381,573	6,398,233	6,608,073
Box, crate, and cooperage materials.....	53,326	52,101	50,166	45,412	45,448
Veneer, plywood, and built-up wood.....	720,563	796,102	735,936	859,210	855,776
Rosin and turpentine.....	26,935	25,507	21,450	20,653	18,221
Products of forests, n.o.s.....	298,426	377,349	388,069	455,264	373,409
Totals	14,556,917	14,736,118	14,960,197	14,491,704	15,441,325
Manufactures and miscellaneous:					
Gasoline.....	3,951,838	3,758,267	3,534,790	2,958,834	2,812,250
Fuel, road, and petroleum residual oils, n.o.s.....	3,390,436	3,493,058	3,328,756	2,980,107	3,111,273
Lubricating oils and greases.....	338,506	387,239	351,257	328,767	325,160
Petroleum products, refined, n.o.s.....	721,745	686,466	638,562	620,376	713,974

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Gases, other than petroleum, n.o.s.	289,294	372,983	404,819	436,481	450,605
Cottonseed oil	18,209	22,979	25,744	26,496	29,149
Linseed oil	18,748	20,369	17,799	14,375	13,690
Soybean oil.....	120,383	126,058	114,413	73,239	111,816
Vegetable and nut oils, n.o.s.	96,324	90,338	71,387	93,480	99,003
Oils, n.o.s.	12,283	10,340	15,032	19,057	20,892
Oil foots, sediment, and tank bottoms	9,609	13,658	11,739	11,678	26,727
Rubber crude, natural, and synthetic	213,950	238,992	217,871	192,634	220,382
Rubber goods, n.o.s.	13,556	11,004	13,260	12,481	11,639
Chemicals, n.o.s.	915,975	960,434	970,282	966,304	1,209,510
Sulphuric acid.....	142,704	97,955	79,965	84,765	94,851
Acids, n.o.s.	96,343	86,578	104,740	80,894	87,833
Sodium (soda) products	940,890	987,816	1,099,227	1,053,703	1,003,581
Alcohol, n.o.s.	48,588	62,161	57,807	55,125	57,889
Blacks, n.o.s.	40,084	47,995	37,748	45,163	67,480
Fertilizers, n.o.s.	2,085,949	2,028,396	2,126,095	2,207,462	2,523,154
Insecticides and fungicides, n.o.s.	19,244	18,911	22,309	24,242	24,103
Tar, pitch, and creosote	239,690	220,690	188,178	146,584	138,507
Tanning material, n.o.s.	6,992	6,834	3,624	6,038	4,998
Paint, paint material, putty and varnish	121,235	110,514	111,237	123,582	127,011
Piastics	62,278	77,371	101,043	97,584	127,950
Cellulose articles, n.o.s.	5,840	4,880	7,793	8,066	12,600
Drugs, medicines, and toilet preparations	28,872	25,922	25,401	20,273	21,648
Aluminium: bar, ingot, pig, and slab	446,917	351,552	390,892	366,121	463,543
Aluminium, n.o.s.	66,714	58,843	76,512	69,341	81,120
Copper: ingots, and pig.....	415,535	485,314	547,594	526,188	508,630
Copper, brass, and bronze, n.o.s.	264,157	250,143	291,393	273,019	242,081
Lead and zinc: bar, ingot, and pig	433,890	427,724	432,606	443,701	474,234
Lead and zinc, n.o.s.	6,316	8,615	4,374	3,454	4,514
Magnesium metal and alloy	4,922	12,391	11,893	7,556	8,353
Alloys for steel manufacture	108,736	141,312	147,277	127,197	141,265
Matte	213,358	308,320	328,530	346,400	309,065
Metals and alloys, n.o.s.	85,702	55,920	71,206	109,212	104,371
Iron, pig	235,197	292,742	185,334	163,128	188,848
Iron and steel: billet, bloom, and ingot	263,927	490,940	439,018	257,957	323,772
Iron and steel: bar, rod, and slab	500,097	453,975	411,593	522,473	461,795
Iron and steel, n.o.s.	28,315	57,318	104,027	51,755	148,456
Iron and steel nails and wire (woven and not woven) n.o.s.	131,169	126,732	100,675	91,579	101,018
Manufactured iron and steel	1,978,248	2,551,179	2,446,212	2,037,542	2,318,205
Cast Iron pipe and fittings	25,828	26,323	20,490	17,722	19,667
Iron and steel pipe and fittings, n.o.s.	669,098	419,144	484,215	638,178	397,551
Tanks, n.o.s.	27,217	28,469	31,876	27,186	29,329
Agricultural implements, n.o.s.	221,925	265,866	235,245	203,375	212,266
Agricultural implement parts, n.o.s.	16,157	20,006	15,420	18,467	14,169
Machinery and machines, n.o.s.	478,748	456,363	434,324	362,597	398,600
Machinery parts	105,147	103,996	97,907	89,434	118,518
Business and office machines, n.o.s.	1,358	1,292	1,594	1,387	1,586
Railway equipment moved on own wheels	45,338	32,854	46,021	47,903	55,631
Railway equipment, S.U. not moved on own wheels	3,405	7,949	4,215	5,004	6,786
Railway equipment parts	45,191	56,441	50,387	56,125	56,053
Rails and railway track material, iron and steel	206,961	180,395	135,313	113,295	138,999
Vehicles, other than motor	41,412	18,712	16,501	16,418	17,224
Automobiles, passenger	298,297	346,606	407,635	368,209	428,990
Automobiles, freight	39,080	52,552	54,432	51,119	60,957
Vehicles, motor, n.o.s.	192,538	177,592	135,105	114,935	117,319
Military vehicles, n.o.s.	6,454	7,075	3,315	3,425	8,969
Automobiles and autotrucks, K.D.	38,514	26,398	40,625	27,104	25,919
Vehicles parts, n.o.s.	1,142,338	1,383,550	1,493,782	1,226,692	1,487,882
Airplanes, aircraft, and parts	9,147	4,529	3,987	4,993	3,519
Tires and tubes, rubber	90,349	109,150	98,624	88,852	95,601
Guns, small arms, and parts, n.o.s.	3,183	4,240	4,757	3,603	2,150

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Manufactures and miscellaneous—Continued:					
Ammunition and explosives	97,375	103,775	82,622	56,811	71,607
Cement: natural and portland	1,762,716	1,471,829	1,212,139	1,415,440	1,403,637
Cement, n.o.s.	48,026	69,989	115,189	129,818	155,943
Brick, common	39,612	24,437	23,210	19,571	31,188
Brick, n.o.s. and building tile	296,059	334,977	327,365	302,656	273,942
Refractories	207,762	274,863	296,441	260,368	255,504
Artificial stone, n.o.s.	27,699	36,446	37,219	47,294	36,649
Lime, n.o.s.	548,948	623,993	510,532	465,824	651,363
Plaster; Stucco and wall	175,643	150,282	108,653	98,850	109,539
Sewer pipe and drain tile (not metal)	76,979	61,074	47,350	42,230	46,392
Broken or ground brick, blocks, crockery, and glass	13,607	11,539	15,756	13,999	29,930
Woodpulp	2,312,458	2,547,531	2,518,188	2,688,225	3,048,415
Scrap paper and rags	279,062	300,045	259,464	260,674	289,613
Newsprint paper	4,115,818	4,256,951	4,236,852	4,397,864	4,232,493
Printing paper, n.o.s.	600,519	678,469	744,351	631,455	732,065
Wrapping paper	232,471	230,955	218,065	199,756	204,814
Paper bags	63,176	64,532	64,127	61,549	58,303
Paper and paper articles, n.o.s.	346,286	330,852	349,652	339,031	373,281
Printed matter, n.o.s.	28,424	46,338	39,758	42,221	51,146
Paperboard, fibreboard, and pulpboard	616,000	627,458	604,726	596,732	607,082
Wallboard	449,840	448,931	380,414	326,374	351,497
Building paper and prepared roofing materials	230,995	199,850	173,955	156,084	148,496
Insulating materials, n.o.s.	130,094	142,586	114,232	109,396	103,194
Building woodwork and millwork	54,992	61,880	50,743	56,422	57,775
Building materials, n.o.s.	26,413	21,772	20,367	19,943	25,892
Buildings and houses, fabricated and portable, n.o.s.	11,743	9,913	8,406	6,996	18,746
Asbestos articles, n.o.s.	2,696	6,701	4,846	4,862	4,903
Electrical equipment and parts, n.o.s.	137,962	125,370	118,527	102,612	107,588
Furnaces, heaters, radiators, and parts	40,936	39,789	34,911	30,905	30,600
Bathroom and lavatory fixtures and sinks	26,577	27,273	21,375	22,190	18,952
Hardware, n.o.s.	23,741	24,149	21,271	24,073	18,014
Glass	70,165	86,558	76,915	73,304	86,034
Glassware, n.o.s.	47,465	41,942	47,495	42,742	48,198
Glass bottles, jars, and packing glasses, n.o.s.	132,629	134,479	138,705	118,156	154,164
Chinaware, crockery and earthenware	9,392	11,746	8,611	7,545	8,197
Woodenware	24,013	24,433	26,320	25,898	23,064
Household utensils, n.o.s.	4,713	8,355	9,160	7,504	7,631
Refrigerators, freezing apparatus, and parts	73,945	86,463	76,411	67,428	67,678
Laundry equipment	42,068	51,341	41,878	39,525	42,520
Stoves, ranges and parts	25,532	30,233	25,993	21,875	20,216
Floor covering	52,045	48,278	28,891	27,945	32,629
Furniture, n.o.s.	77,002	78,175	71,789	61,036	68,018
Furniture parts	2,892	4,779	5,319	3,468	3,533
Tools and parts, n.o.s.	4,382	4,808	5,106	5,138	4,345
Abrasives, other than crude	32,394	26,420	19,679	18,871	35,530
Bagging: burlap, cotton, gunny, and jute, n.o.s.	17,188	16,562	22,626	25,184	30,279
Bags: burlap, cotton, gunny, and jute, n.o.s.	6,044	6,989	8,079	12,864	4,698
Cotton cloth and cotton fabrics, n.o.s.	21,481	22,775	23,499	23,689	25,542
Cotton factory products	20,783	21,112	20,168	17,736	16,711
Synthetic fibre and yarns (rayon and nylon)	5,158	7,621	8,248	5,053	16,182
Cloth and fabrics, n.o.s.	10,901	10,617	4,854	5,907	11,437
Rope, cordage, and binder twine, n.o.s.	34,331	33,880	29,112	27,631	38,697
Boots, shoes, and findings, n.o.s.	9,069	11,086	11,827	10,464	12,502
Luggage and handbags, n.o.s.	806	676	957	862	918
Athletic, gymnasium, playground, and sporting equipment, n.o.s.	2,253	3,217	4,533	3,513	3,675
Games and toys	6,885	7,497	7,672	6,903	6,207
Liquors, alcoholic, n.o.s.	118,300	116,759	108,477	105,405	118,295
Wine	53,103	43,053	43,570	42,965	40,347
Liquors, malt	474,255	520,828	563,381	650,130	646,918
Beverages, n.o.s.	10,745	11,281	16,513	18,182	18,536

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
Manufactures and miscellaneous - Concluded:					
Ice	13,789	10,442	7,715	1,425	4,147
Syrup and molasses, refined	141,104	130,920	123,622	143,512	173,031
Molasses, residual	63,045	84,414	90,902	56,923	70,097
Sugar	495,748	534,144	576,991	547,980	579,327
Candy and confectionery	83,469	81,522	84,110	86,660	90,046
Food products, n.o.s., in cans and packages, not frozen	1,474,708	1,419,892	1,440,969	1,313,466	1,338,341
Food products, n.o.s., frozen	40,664	47,875	43,209	48,290	63,926
Starch	101,221	104,186	94,957	95,001	109,180
Soap and cleaning and washing compounds	161,981	163,823	163,153	143,362	177,320
Matches	4,542	3,195	2,490	3,482	3,765
Feed, animal and poultry, n.o.s.	1,873,102	1,538,891	1,364,632	1,233,505	1,487,652
Manufactured tobacco, n.o.s.	8,537	9,317	8,820	6,457	4,368
Cigarettes	39,100	43,827	38,136	44,748	40,445
Containers, metal	171,967	172,491	166,830	158,603	171,140
Containers, wooden	17,553	21,452	25,343	28,275	28,487
Containers, fibreboard and paperboard, K.D.	82,748	87,770	80,328	63,172	87,718
Containers, n.o.s.	53,832	51,686	51,485	44,456	49,474
Containers, returned empty	226,429	248,043	250,148	258,034	256,977
Scrap iron and scrap steel	808,408	1,268,048	1,128,186	1,139,926	1,131,288
Iron and steel borings, turnings, etc.	34,521	50,728	53,197	30,566	58,056
Furnace slag	43,300	63,762	76,783	85,832	115,034
Waste materials for remelting, n.o.s.	234,561	310,861	316,345	275,741	285,225
Waste materials, n.o.s.	164,172	163,028	170,542	107,440	83,728
Manufactures and miscellaneous, n.o.s.	3,141,472	3,957,585	4,229,786	4,483,817	4,788,212
Total manufactures and miscellaneous	46,534,971	49,162,943	48,285,917	46,378,066	49,342,838
Grand totals, carload traffic	151,931,925	164,637,573	157,149,219	151,890,067	159,706,626
All L.C.L. freight	1,509,831	1,457,576	1,312,815	1,190,250	1,223,715
Grand totals, carload and L.C.L. traffic	153,441,756	166,095,149	158,462,134	153,080,317	160,930,341

TABLE 12. Freight Cars in Service at December 31¹

	Number	Capacity	
		Total	Average
tons (2,000 lb.)			
Automobile:			
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
1962	7,204	321,570	44.638
Ballast:			
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
1962	3,054	179,040	58.625

¹ Excludes privately-owned railway cars.

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

	Number	Capacity	
		Total	Average
tons (2,000 lb.)			
Box:			
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
1962	106,988	5,058,825	47.284
Flat:			
1958	12,058	564,019	46.776
1959	12,270	576,114	46.953
1960	12,645	606,611	47.972
1961	12,164	585,230	48.112
1962	12,261	601,297	49.041
Gondola:			
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
1962	19,729	1,299,412	65.863
Hopper:			
1958	15,493	1,029,895	66.475
1959	15,601	1,039,805	66.650
1960	15,578	1,041,790	66.876
1961	15,571	1,043,360	67.007
1962	16,089	1,080,495	67.157
Ore:			
1958	6,004	477,795	79.571
1959	5,964	474,730	79.599
1960	5,930	473,261	79.808
1961	5,892	467,691	79.377
1962	6,379	517,071	81.058
Refrigerator:			
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
1962	8,207	387,600	47.228
Stock:			
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
1962	4,352	161,790	37.176
Tank:			
1958	382	18,780	49.162
1959	455	22,470	49.385
1960	472	23,360	49.492
1961	479	23,570	49.207
1962	544	27,497	50.546
Other:			
1958	21	670	31.905
1959	23	810	35.217
1960	31	1,050	33.871
1961	312	12,870	41.250
1962	362	17,120	47.273
Totals:			
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
1962	185,169	9,651,717	52.124

¹ Excludes privately-owned railway cars.

TABLE 13. Passenger Cars in Service at December 31

	1958	1959	1960	1961	1962
Self-propelled passenger train cars					
Coach	139	128	111	103	99
Combination passenger	1,486	1,409	1,342	1,237	1,142
Colonist	328	182	172	152	145
Dining	124	96	88	81	53
Parlour	174	159	149	134	131
Sleeping	162	143	137	127	122
Baggage, express and postal	900	919	861	804	716
Other	2,336	2,353	2,218	2,061	1,933
Totals ¹	84	67	41	38	37
Totals¹	5,733	5,456	5,119	4,737	4,378
Cars in company service:					
Caboose	3,225	3,148	3,051	2,902	2,748
All other	16,322	16,273	16,114	15,774	15,760
Totals	19,547	19,421	19,165	18,676	18,508
Cars leased (included in above)	5,190	5,012	4,417	4,353	4,190

¹ Includes Pullman Co. Cars in Canadian service.

TABLE 14. Locomotives in Service at December 31

	1958	1959	1960	1961	1962
number					
Locomotives:					
Steam:					
Coal burning	1,483	1,143	335	144	104
Oil burning	477	371	68	53	34
Diesel electric:					
"A" units	401	449	447	446	442
"B" units	175	180	184	183	181
Road switcher units	1,570	1,802	1,952	1,956	1,975
Yard switcher units	653	724	725	724	722
Electric	64	51	41	41	39
Totals	4,823	4,720	3,752	3,547	3,497
Leased (included in above)	135	128	36	36	52
Tractive power, average pounds per locomotive	52,095	53,368	55,791	56,597	56,807

TABLE 15. Fuel Consumed by Motive Power at December 31

	1958	1959	1960	1961	1962
Locomotives					
Consumption:					
Bituminous coal	ton	1,393,823	554,260	76,485	10,581
Fuel oil	gal.	91,021,295	64,136,202	7,258,458	70,233
Diesel oil	"	295,461,518	331,644,445	340,891,926	337,701,023
Crude oil	"	—	—	—	985,106
Gasoline	"	—	—	—	—
Cost:					
Bituminous coal	\$	14,231,574	5,825,692	810,998	104,381
Fuel oil	\$	4,107,486	2,792,234	354,489	6,445
Diesel oil	\$	40,265,144	45,582,540	45,163,403	44,430,226
Crude oil	\$	—	—	—	84,587
Gasoline	\$	—	—	—	—
Average cost per ton or gal.					
Bituminous coal	\$	10.21	10.51	10.60	9.86
Fuel oil	¢	4.51	4.35	4.88	9.18
Diesel oil	¢	13.63	13.74	13.25	13.16
Crude oil	¢	—	—	—	8.59
Gasoline	¢	—	—	—	—
Rail Motor Cars, etc.					
Consumption:					
Fuel oil	gal.	—	—	—	—
Diesel oil	"	4,068,693	4,465,484	4,758,567	4,556,252
Gasoline	"	82,625	32,102	28,146	29,266
Total cost	\$	549,926	614,833	660,398	608,988
					566,119

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

		1958	1959	1960	1961	1962
Anthracite.....	ton	9,570	14,206	9,676	8,931	5,115
Bituminous.....	"	386,635	377,565	300,638	249,512	213,814
Sub-bituminous.....	"	—	—	19,275	46,671	21,069
Lignite.....	"	248,771	255,256	250,553	163,533	146,620
Fuel oil.....	gal.	36,271,974	37,941,658	39,110,742	40,257,975	42,492,114
Diesel oil.....	"	7,302,408	6,790,643	7,698,115	10,682,498	13,580,303
Gasoline.....	"	2,597,286	2,716,579	2,267,597	4,020,399	3,700,567
Gas.....	cu. ft.	1,191,673,446	1,168,492,863	837,958,806	820,786,896	1,036,420,240

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

	1958	1959	1960	1961	1962
tons (2,000 lb.)					
In previously constructed track:					
New open hearth.....	227,148	194,204	177,999	132,629	118,636
Relay.....	183,973	190,848	152,743	149,829	145,951
Other.....	1,757	247	172	1,705	1,083
Totals	412,878	385,299	330,914	284,163	265,670
In new track and extension:					
New open hearth.....	21,758	3,302	2,013	4,038	1,844
Relay.....	43,816	26,287	24,365	39,216	25,847
Other.....	26	79	111	168	388
Totals	65,600	29,668	26,489	43,422	28,079

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

	1958	1959	1960	1961	1962
Treated - M bd. feet.....					
No.	12,218	10,440	10,368	10,070	10,216
Average cost.....	\$ 120.32	\$ 116.22	\$ 124.33	\$ 110.72	\$ 115.68
Untreated - M bd. feet.....					
No.	2,883	1,956	539	326	1,075
Average cost.....	\$ 97.06	\$ 108.07	\$ 94.35	\$ 79.42	\$ 124.84
Totals - M bd. feet.....	No. 15,101	12,396	11,037	10,396	11,291
Average cost.....	\$ 115.88	\$ 114.93	\$ 121.40	\$ 109.74	\$ 116.55

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

	1958	1959	1960	1961	1962
number					
Hardwood:					
Beech.....	317,402	250,961	135,446	56,997	86,381
Birch.....	567,207	420,018	250,865	112,521	197,642
Maple.....	768,480	524,381	295,007	200,272	361,899
Oak.....	61,483	62,252	311,590	27,693	66,922
Other hardwood.....	34,776	29,583	27,456	29,276	25,979
Totals	1,749,348	1,287,195	1,020,364	426,759	738,823
Softwood:					
Cedar.....	8,217	6,793	8,114	6,097	7,843
Fir.....	531,305	328,956	329,845	205,298	205,527
Hemlock.....	191,350	84,336	57,198	48,298	21,873
Pine.....	3,679,686	2,792,759	2,542,754	1,362,842	1,247,089
Tamarack.....	4,062	1,004	—	38,644	1,840
Other softwood.....	43,317	26,618	5,582	18,481	10,542
Totals	4,474,058	3,240,466	2,943,293	1,679,660	1,494,714

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

		1958	1959	1960	1961	1962
In previously constructed track:						
Treated ties	No.	5,455,969	4,518,536	3,745,360	3,531,119	3,245,392
Untreated ties	"	320,408	216,840	153,894	93,791	98,967
Totals	"	5,776,377	4,735,376	3,899,254	3,624,910	3,344,359
In new track and extensions:						
Treated ties	"	454,206	573,715	408,757	483,822	457,103
Untreated ties	"	695,506	21,439	19,277	11,495	9,275
Totals	"	1,149,712	595,154	428,034	495,317	466,378
Average cost:						
Treated ties	\$	3.02	3.08	3.00	2.99	2.86
Untreated ties	\$	1.68	1.84	1.76	1.73	1.72

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

	1958	1959	1960	1961	1962
number					
Trainmen	2	1	—	1	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	—	—	—	—	—
Shopmen	2	—	—	2	—
Trackmen	2	3	1	—	3
Telegraph employees	—	—	—	—	—
Other employees	—	1	—	—	—
Passengers	—	2	—	—	—
Postal—Express—Pullman employees	—	—	—	—	—
Trespassers	—	—	1	1	—
Other persons	3	6	7	3	—
Totals	9	13	9	7	5

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

		Class of accident	1958	1959	1960	1961	1962
Trainmen	Number	Train	728	754	619	641	637
	"	Non-train	126	104	81	63	62
	Days absent		30,818	31,536	27,543	20,399	23,546
Switchtenders, watchmen, etc.	Number	Train	109	127	112	86	80
	"	Non-train	28	30	27	24	29
	Days absent		5,324	5,302	5,540	3,158	4,461
Stationmen	Number	Train	4	5	6	4	6
	"	Non-train	256	239	215	320	431
	Days absent		8,294	7,141	7,087	10,523	11,137
Shopmen	Number	Train	26	16	8	21	13
	"	Non-train	764	739	545	590	558
	Days absent		23,313	22,941	16,149	15,358	14,945
Trackmen	Number	Train	80	76	58	47	43
	"	Non-train	836	760	668	693	642
	Days absent		35,390	35,950	36,198	29,596	26,113
Telegraph employees	Number	Train	10	5	3	9	1
	"	Non-train	129	119	101	112	131
	Days absent		4,010	3,542	2,654	3,286	3,761
Other employees	Number	Train	59	109	89	73	97
	"	Non-train	160	173	151	137	137
	Days absent		4,961	6,747	7,543	6,877	6,980
Totals	Number	Train	1,016	1,092	895	881	877
	"	Non-train	2,299	2,164	1,788	1,939	1,990
	Days absent		112,110	113,159	102,714	89,197	90,943

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

Causes	1958	1959	1960	1961	1962
number					
Coupling and uncoupling	50	54	49	57	55
Collisions - Between:					
Railway rolling stock	36	48	29	37	27
Trains or locomotives and motor vehicles or horse-drawn vehicles:					
At highway crossings	310	424	369	351	363
At other points	40	57	53	54	53
Track cars or hand cars and motor vehicles or horse-drawn vehicles:					
At highway crossings	8	16	8	15	6
At other points	2	6	2	3	3
Pedestrians struck by trains or locomotives, cars or hand cars, etc.:					
At highway crossings	13	19	23	13	11
At other points	137	127	123	103	132
Derailments	84	71	71	48	65
Locomotives or cars breaking down	1	18	10	2	9
Getting on or off trains	271	255	222	264	229
Falling from trains, locomotives or cars	97	92	61	62	50
Striking overhead or other obstructions	12	28	24	21	20
Other causes	592	602	524	501	556
Totals	1,653	1,817	1,568	1,531	1,579

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

Causes	1958	1959	1960	1961	1962
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	-	-	-	-	-
Striking overhead or other obstructions	-	-	-	-	-
Other causes	1	-	1	-	-
Totals	1	9	2	1	-
Employees					
Coupling and uncoupling	3	-	-	2	1
Collisions - Between:					
Railway rolling stock	5	8	5	4	-
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	-	-	-	-	-
At other points	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	7	11	3	5	3
Derailments	2	2	4	-	1
Locomotives or cars breaking down	-	-	-	-	1
Getting on or off trains	3	1	2	2	1
Falling from trains, locomotives or cars	7	2	4	1	2
Striking overhead or other obstructions	-	3	-	-	-
Other causes	5	3	6	8	10
Totals	33	30	24	22	19

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

Causes	1958	1959	1960	1961	1962
Number of persons injured					
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions — Between:					
Railway rolling stock	4	74	104	16	9
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	—	21	8	6	26
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	—	—	—
Derailements	18	20	5	—	9
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	11	2	7	14	20
Falling from trains, locomotives or cars	3	2	1	1	—
Striking overhead or other obstructions	—	—	—	—	—
Other causes	47	30	26	36	42
Totals	83	151	151	73	106
Employees					
Coupling and uncoupling	46	50	47	55	50
Collisions — Between:					
Railway rolling stock	37	68	48	34	18
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	7	5	4	3	17
At other points	1	3	—	—	2
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	7	12	14	25	3
At other points	2	5	4	3	2
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	20	15	9	9	11
Derailements	22	24	29	19	21
Locomotives or cars breaking down	1	18	8	2	7
Getting on or off trains	244	245	200	231	191
Falling from trains, locomotives or cars	76	78	51	45	37
Striking overhead or other obstructions	11	26	19	14	18
Other causes	542	543	462	441	494
Totals	1,016	1,092	895	881	877

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

Class of person	1958	1959	1960	1961	1962
Number of persons killed					
Employees:					
Trainmen	17	8	12	10	5
Switchtenders, watchmen, etc.	2	4	3	2	—
Stationmen	—	1	1	—	—
Shopmen	—	3	—	2	1
Trackmen	13	13	6	8	11
Telegraph employees	—	1	—	—	2
Other employees	1	—	2	—	—
Total employees	33	30	24	22	19
Passengers					
Postal — Express — Pullman employees	1	9	2	1	—
Trespassers	—	3	1	—	1
Other persons	78	65	52	46	72
Grand totals	192	196	183	159	161
Suicides	8	4	6	4	6

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

Class of person	1958	1959	1960	1961	1962
Number of persons injured ¹					
Employees:					
Trainmen.....	728	754	619	641	637
Switchtenders, watchmen, etc.....	109	127	112	86	80
Stationmen	4	5	6	4	6
Shopmen	26	16	8	21	13
Trackmen	80	76	58	47	43
Telegraph employees	10	5	3	9	1
Other employees	59	109	89	73	97
Total employees	1,016	1,092	895	881	877
Passengers.....	83	151	151	73	106
Postal - Express - Pullman employees	13	14	14	11	11
Trespassers	51	56	63	67	57
Other persons.....	299	505	463	419	414
Grand totals	1,462	1,818	1,586	1,451	1,465
Attempted suicides	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	1958	1959	1960	1961	1962
Number of persons killed					
Handling traffic	-	-	-	2	3
Handling machinery, tools, etc.....	3	3	-	10	4
Getting on or off locomotives and cars at rest	-	1	-	-	-
Other causes	20	9	10	9	13
Totals	23	13	10	21	20
Number of persons injured ¹					
Handling traffic	159	334	272	224	289
Handling machinery, tools, etc.....	741	551	525	552	466
Getting on or off locomotives and cars at rest	95	92	74	69	96
Other causes	1,427	1,281	1,032	1,208	1,265
Totals	2,422	2,258	1,903	2,053	2,116

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	1958	1959	1960	1961	1962
Number of persons killed					
Employees:					
Trainmen	-	-	-	-	2
Switchtenders, watchmen, etc.....	-	-	-	-	-
Stationmen	2	-	1	3	2
Shopmen	2	3	1	7	2
Trackmen	7	8	5	7	6
Telegraph employees	-	1	2	1	-
Other	2	-	-	-	2
Totals	13	12	9	18	14
Passengers	-	-	-	-	-
Postal - Express - Pullman employees	1	1	1	-	3
Trespassers	2	-	-	3	1
Other persons	7	-	-	-	2
Grand totals	23	13	10	21	20
Suicides	1	1	-	1	1

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:										
1958	—	—	1	1	1	—	—	—	2	1
1959	2	—	1	—	4	—	—	—	7	—
1960	—	—	—	—	7	1	—	—	7	1
1961	—	—	—	—	3	—	—	—	3	—
1962	—	—	—	—	2	—	—	—	2	—
Protected by automatic signals:										
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
1962	—	3	—	—	50	19	—	—	50	22
Protected by watchmen:										
1958	1	—	—	—	6	3	—	—	7	3
1959	—	—	—	—	9	3	—	—	9	3
1960	—	—	—	—	5	—	—	—	5	—
1961	—	—	—	—	8	4	1	—	9	4
1962	—	—	—	—	7	1	—	—	7	1
Total at protected crossings:										
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
1962	—	3	—	—	59	20	—	—	59	23
Unprotected:										
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
1962	2	47	—	1	116	155	1	1	119	204
Grand totals:										
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	—	196	192
1962	2	50	—	1	175	175	1	1	178	227

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