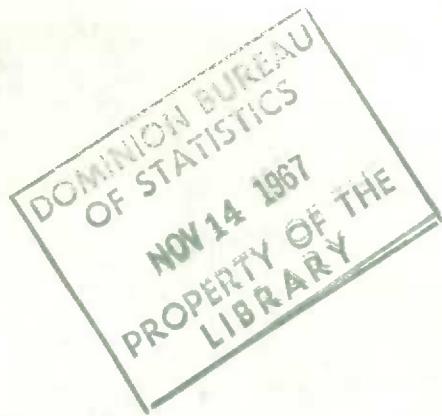


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RAILWAY TRANSPORT

1966

PART I

(Comparative Summary Statistics 1962-66)

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PREFACE

Annual railway transport statistics in Canada are published in a series of six reports each of which covers specific aspects of the industry; services and equipment available, traffic handled, the labour force involved and the financial aspects of railways operating in this country.

Statistics on railways have been collected and published in Canada since 1875, first by the Department of Railways and Canals until 1918, and by the Dominion Bureau of Statistics since its inception in 1918. During this time the data have been published in varying degrees of detail. Until 1950 one volume contained all railway statistical data. In 1951 there were three; 1952-1957 there were five, and since 1958 six separate parts have been required to reflect these annual operations. The present six-part report encompasses the following:

- Part I. Railway Transport — Summary Statistics (Five years)
- II. Railway Transport — Financial Statistics
- III. Railway Transport — Equipment, Track and Fuel Statistics
- IV. Railway Transport — Operating and Traffic Statistics
- V. Railway Transport — Commodity Statistics
- VI. Railway Transport — Employment Statistics

These reports are not necessarily released in the order in which they are numbered. Several other annual reports and three periodicals dealing with rail transportation are also available. A list of all titles published in this field is located on the inside cover of each report.

The Dominion Bureau of Statistics is indebted to the individual railway companies operating across the nation which have prepared and submitted their data for inclusion in this statistical series; to the Railway Association of Canada for its cooperation; and to the Board of Transport Commissioners for Canada, with which joint collection arrangements exist, for their promotion of the uniform accounting principles used for rail statistical purposes.

This report has been prepared by the Transportation Section of the Transportation and Public Utilities Division of the Dominion Bureau of Statistics. Any inquiries or comments respecting data contained herein, or to unpublished detail, should be forwarded to this Section.

WALTER E. DUFFETT,
Dominion Statistician.

The interpretation of abbreviations and symbols used throughout this report is as follows:

ABBREVIATIONS

k.d. — Knocked down.
l.c.l. — Less than carload.
n.o.s. — Not otherwise specified.

SYMBOLS

... figures not available.
... figures not appropriate or not applicable.
— nil or zero.
-- amount too small to be expressed.
p preliminary figures.
r revised figures.

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RAILWAY TRANSPORT

1966

PART I

(Comparative Summary Statistics 1962-66)

Presented in this report is a five-year summary of common carrier railway operations in Canada covering the period 1962-66 inclusive.

The term "common carrier" as referred to in this series, indicates any railway which holds itself out to the general public to transport passengers and/or goods for compensation.

Due to the non-availability of financial and employee compensation data relative to the Cartier Railway, details of the physical characteristics and work done by that railway have also been excluded from these totals.

Operations of the London and Port Stanley Railway were discontinued as of December 31, 1965.

To eliminate duplicate reporting and to uncover statistical gaps, the Dominion Bureau of Statistics uses the Canadian Standard Industrial Classification (S.I.C.), (Catalogue No. 12-501) which provides a set of groups and classes suitable for the compilation of statistics related to different industries. The building block (reporting unit) which is fitted into the above structure is the "establishment". An establishment can be defined as the smallest unit which is a separate operating entity capable of reporting principal elements of input and output. While the establishment is typically a factory, mine, store or similar unit and in most cases is a separate firm, it may encompass two or more operating units which are not necessarily in the same location. It can also be an individual working on his own account.

Industry 506, Railway Transport, as classified in the S.I.C. includes establishments primarily engaged in operating railways. The kinds of activities normally carried on by railway establishments embrace the operation of commuter service (but not street railways), maintenance of way and structures, maintenance of equipment (including that carried on in railway shops) dining car and sleeping car services, freight, express and the operation of railway terminal facilities. Road transportation services operated by railway establishments and providing pick-up and delivery for the freight or express services of the railway are included in this industry but long distance trucking owned by railway companies is usually set up as separate establishments classified to the trucking industry.

Track Operated

The total point-to-point first main track mileage of line-haul railways in Canada (excluding mileage operated jointly by two or more roads) was 43,003 at the close of 1966, down 651 miles from 1962. The total route mileage of all tracks operated by these rail lines, including main track, industrial track and sidings, aggregated 58,100, down 659 miles over the five-year period.

Investments, Capital and Reserves

The net investment in road and equipment property during 1966 rose 25.7 per cent to \$189 million, increasing cumulative investments to \$7,474 million. The rate of growth of investments in road and equipment property increased in each of the five years. The 1966 figure was 2.6 per cent greater than that of 1965 and 8.0 per cent above 1962.

During 1966 the capital stock of railways rose 1.4 per cent to \$5,102 million, while funded debt guaranteed by the Federal Government declined \$40,600 thousand, and that guaranteed by Provincial Governments rose \$20,124 thousand. Reserves, other liabilities and deferred credits increased by \$108 million to \$2.5 billion in 1966. Amounts set aside for depreciation, which accounted for 90 per cent of total reserves, increased by \$112 million.

Financial Summary

The gross income of railways continued to increase in 1966 surpassing the record high set in 1956.

Railway operating revenues at \$1,481 million represented an all time high in 1966, up 7.9 per cent over the previous peak of 1965. Operating expenses, including rents and taxes have also increased over the years. The \$1,375 million recorded in 1966 was up 6.4 per cent over the previous year.

Freight revenues in 1966 were the highest recorded in railway history, amounting to \$1,322 million, up 9.2 per cent from the previous year peak and 29.6 per cent above those reported in 1962. Passenger receipts declined \$2.9 million to \$62.8 million in 1966 over 1965 but were \$2.2 million above the 1962 total.

In the principal groups of operating expenses, transportation costs during 1966 were \$29.3 million above those of 1965: equipment maintenance rose \$11.0 million and road maintenance expenses increased \$9.0 million. In relation to 1962, transportation and equipment maintenance costs were \$97.8 million and \$45.7 million higher, respectively.

Traffic

Tons of revenue freight transported by rail in Canada (including freight interchanged between domestic railways) increased to 239.4 million tons during 1966, up 12.9 million tons over 1965 and 56.6 million over 1962. Revenue ton-miles (a practical measure of the volume of freight service performed) aggregated 95.1 billion, an increase of 7.9 billion over 1965 and 27.2 billion over 1962. The average length of haul was 463 miles in 1965, up from 443 miles in 1965 and 422 miles in 1962.

Passenger traffic declined during 1966 principally due to the withdrawal by the Canadian Pacific Railway Company of the Montreal-Toronto, Toronto-Ottawa service and cancellation of "The Dominion" transcontinental train. The number of persons carried by all railways were down 5.8 per cent to 23,194,555 over 1965 but still 20.4 per cent above the number carried in 1962.

Equipment

The number of freight-carrying cars in service at the close of 1966 (excluding privately owned units) totalled 185,964, up 3,874 units from 1965 and up 795 units from 1962. The average capacity of cars increased to 54.9 tons in 1966 from 53.8 tons in 1965 and was up from 52.1 tons in 1962.

Passenger cars increased slightly over the previous year to 3,660 but were down from 4,378 in 1962.

The number of locomotives in service at the close of 1966 totalled 3,329, up 6 units from 1965 but down 168 units from 1962. Diesel locomotives

increased 9 units to 3,310 with road switcher units increasing to 110 from 63. The latter type of locomotive differs from either a diesel road switcher or an "A" or "B" unit and for this reason is shown separately.

Fuel

The consumption of diesel oil by locomotives during 1966 amounted to 406.8 million gallons, an increase of 8.6 million gallons over 1965 and 67.2 million gallons above 1962.

The consumption of crude oil dropped during 1966 to 1,901,788 gallons from 3,292,853 gallons in 1965.

Accidents

A total of 305 persons were killed and 2,106 were injured in train accidents during 1966. This compares with 229 killed and 2,077 injured in 1965. Of the 1966 total, 185 employees, passengers and pedestrians were killed and 487 were injured at highway crossings.

Accidents other than those resulting from the movement of trains which include handling traffic, handling machinery and getting on or off locomotives, etc., totalled 2,634 in 1966 and resulted in 2,647 injuries and 8 deaths.

A total of 114,858 days were lost by employees through injuries in train and non-train accidents in 1966 compared with 102,804 days in 1965 and 90,943 days in 1962.

Highway Crossings

Highway crossings in Canada at the close of 1966 totalled 33,740 as against 33,836 in the previous year and 33,273 in 1962.

August 15, 1967.

TABLE 1. Mileage Operated by Area at December 31,¹ 1962-66

	1962	1963	1964	1965	1966
number					
First main track:					
Newfoundland	935	934	934	936	936
Prince Edward Island	279	279	279	279	279
Nova Scotia	1,270	1,315	1,314	1,314	1,313
New Brunswick	1,782	1,772	1,760	1,730	1,671
Quebec	5,348	5,361	5,163	5,238	5,138
Ontario	10,137	10,116	10,073	9,950	9,965
Manitoba	4,898	4,860	4,858	4,735	4,735
Saskatchewan	8,588	8,577	8,566	8,522	8,567
Alberta	5,683	5,683	5,682	5,723	5,680
British Columbia	4,337	4,329	4,329	4,333	4,322
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	43,654	43,623	43,355	43,157	43,003
Second main track	2,081	2,016	2,010	2,004	1,999
Other main track	48	56	56	56	57
Industrial track	1,266	1,265	1,281	1,309	1,313
Yard track and sidings	11,710	11,551	11,541	11,676	11,728
Totals, all tracks	58,759	58,511	58,243	58,202	58,100
Gauge of first track:					
4 ft. 8½ inches	42,835	42,806	42,538	42,340	42,186
3 ft. 6½ inches	729	727	727	727	727
3 ft.	90	90	90	90	90
First main track owned but not operated	21	19	19	14	14

¹ Excludes line operated under trackage rights.TABLE 2. First Main Track Mileage by Area at December 31,¹ 1962-66

	1962	1963	1964	1965	1966
number					
Newfoundland	935.40	934.20	934.20	935.70	935.70
Increase over previous year	2.20	D	1.20	1.50	—
Prince Edward Island	278.60	278.60	278.60	278.60	278.60
Increase over previous year	—	—	—	—	—
Nova Scotia	1,270.40	1,314.80	1,314.50	1,314.50	1,313.10
Increase over previous year	27.60	44.40	0.30	—	1.40
New Brunswick	1,782.40	1,771.50	1,759.60	1,729.70	1,670.90
Increase over previous year	0.20	D	10.90	29.90	58.80
Quebec	5,347.80	5,360.80	5,163.80	5,237.80	5,138.10
Increase over previous year	124.00	13.00	197.00	74.00	99.70
Ontario	10,136.80	10,116.50	10,073.00	9,949.90	9,964.80
Increase over previous year	51.70	D	20.30	123.10	14.90
Manitoba	4,897.50	4,860.30	4,858.00	4,735.30	4,735.30
Increase over previous year	56.20	D	37.20	122.70	—
Saskatchewan	8,587.90	8,576.90	8,565.70	8,521.90	8,567.20
Increase over previous year	18.60	D	11.00	43.80	45.30
Alberta	5,683.00	5,682.60	5,681.90	5,723.50	5,679.90
Increase over previous year	5.90	D	0.40	41.60	43.60
British Columbia	4,337.30	4,329.40	4,329.00	4,332.70	4,322.70
Increase over previous year	0.60	D	7.90	3.70	10.00
Yukon	57.70	57.70	57.70	57.70	57.70
Increase over previous year	—	—	—	—	—
United States	339.40	339.40	339.40	339.40	339.40
Increase over previous year	—	—	—	—	—
Totals	43,654.20	43,622.70	43,355.40	43,156.70	43,003.40
Increase over previous year	34.60	31.50	267.30	198.70	153.30

¹ Excludes line operated under trackage rights.

D—Decrease.

TABLE 3. Investments in Road and Equipment Property at December 31, 1962-66

	1962	1963	1964	1965	1966
dollars					
Investment changes during the year:					
Road	70,674,769	125,463,519	74,388,731	84,097,911	98,279,584
Equipment	7,258,657	Ct. 16,753,029	40,086,021	100,984,284	108,644,249
General	Ct. 243,729	84,786	45,989	325,546	1,134,113
Undistributed (see below)	12,905,861	Ct. 2,626,787	Ct. 7,538,650	Ct. 34,923,757 ^f	Ct. 18,946,523
Totals	90,595,558	106,168,489	106,982,091	150,483,984^f	189,111,423
Total investments to December 31	6,920,986,497	7,027,154,986	7,134,137,077	7,284,621,061 ^f	7,473,732,484
Undistributed:					
Non-rail property:					
Canadian National Railways	10,513,908	3,771,974	7,219,816	4,768,492	8,001,227
Canadian Pacific Railway Company	2,581,950	Ct. 8,845,548	Ct. 17,639,710	Ct. 43,698,195 ^f	Ct. 26,876,504
Other railways	Ct. 189,997	2,446,787	2,881,244	4,005,946	Ct. 71,246
Totals	12,905,861	Ct. 2,626,787	Ct. 7,538,650	Ct. 34,923,757^f	Ct. 18,946,523

TABLE 4. Railway Capital at December 31, 1962-66

	1962	1963	1964	1965	1966
dollars					
Stock	2,476,603,604	2,498,496,085	2,522,599,327	2,550,570,047	2,604,092,488
Debenture stock	292,548,888	292,548,888	292,548,888	292,548,888	292,548,888
Funded debt	2,245,189,028	2,183,556,139	2,181,454,852	2,187,613,273	2,205,599,116
Totals	5,014,341,520	4,974,601,112	4,996,603,067	5,030,732,208	5,102,240,492

TABLE 5. Funded Debt Guaranteed at December 31, 1966

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	—	140,000	140,000
Canadian National Railways	1,325,461,500	—	1,325,461,500
Ontario Northland Railway	—	16,650,000	16,650,000
Pacific Great Eastern Railway	—	159,304,000	159,304,000
Totals	1,325,461,500	176,094,000	1,501,555,500

TABLE 6. Reserves, Other Liabilities and Deferred Credits at December 31,¹ 1962 - 66

	1962	1963	1964	1965	1966
dollars					
Depreciation reserves:					
Road and equipment	1,757,446,877	1,854,633,351	1,967,053,781	2,075,083,391	2,196,709,834
Other properties	115,579,571	117,775,854	122,147,269	105,329,364	95,376,363
Other reserves:					
Pension and welfare	8,949,614	9,326,168	9,556,659	10,561,086	11,346,597
Insurance	29,921,365	32,764,547	32,723,762	32,932,163	32,239,142
Equalization	77,840	90,506	87,269	110,000	180,747
Other liabilities and deferred credits:					
Interest in default	—	—	—	—	—
Other deferred liabilities	16,305,074	19,885,856	19,257,349	23,277,188	25,501,758
Tax equalization reserve	114,208,416	123,695,202	116,500,587	123,854,792	128,045,292
Premium on funded debt	—	—	—	—	—
Other unadjusted credits	41,272,505	42,568,666	39,614,638	45,346,924	40,333,593
Reserve for Investments	19,035,935	19,517,083	15,354,687	8,753,969	3,789,367
Totals	2,102,797,197	2,220,257,233	2,322,296,001	2,425,248,877	2,533,522,693

¹ Includes United States lines of Canadian National and Canadian Pacific Railways.TABLE 7. Income and Retained Income Accounts at December 31,¹ 1962 - 66

	1962	1963	1964	1965	1966
dollars					
Income account					
Railway operating revenues	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951
Railway operating expenses ²	1,061,569,880	1,083,078,444	1,161,645,916	1,206,249,259	1,271,878,301
Net railway operating revenues	103,726,842	127,131,355	162,776,576	166,055,700	208,944,650
Tax accruals	58,092,192	66,452,082	79,612,739	85,591,699	103,038,765
Railway operating income	45,634,650	60,679,273	83,163,837	80,464,001	105,905,885
Other income:					
Rail and non-rail ³	37,012,102	43,796,235	47,846,006	61,665,873	65,096,598
Gross income	82,646,752	104,475,508	131,009,843	142,129,874	171,002,483
Deductions:					
Other rents	389,082	395,613	494,983	385,478	380,478
Separately operated properties—Loss	—	1,659	—	—	8,657
Income transferred to other companies	1,990	527,107	200,422	—	—
Other income charges	962,444	501,746	601,336	1,007,792	828,493
Provision for income tax—Other	3,781,827	3,320,551	1,046,571	3,278,365	3,786,344
Fixed charges ⁴	85,502,922	87,202,622	86,879,430	87,099,180	92,590,020
Totals	90,638,265	91,949,298	89,222,742	91,770,835	97,593,992
Net income	Dr. 7,991,513	12,526,210	41,787,101	50,359,039	73,408,491
Retained income					
Dividend appropriations	33,999,592	46,128,473	73,656,277	62,577,682	65,643,717
Other appropriations and misc. debits	3,629,414	9,651,197	6,300,101	10,801,282	37,309,082
Total debits	37,629,006	55,779,670	79,956,378	73,378,964	140,261,881
Total credits	Cr. 59,009,671	76,074,675	117,814,275	40,754,296	57,667,603
Balance to general balance sheet	Cr. 13,389,152	32,821,215	79,644,998	17,734,371	9,185,787

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, 1962 - 66

	1962	1963	1964	1965	1966
dollars					
Operating revenues:					
Railway line:					
Freight	1,019,548,627	1,067,288,649	1,169,534,379	1,210,728,459	1,321,957,162
Passenger	60,616,581	59,540,654	63,738,236	65,731,661	62,796,429
Baggage	269,608	187,377	203,395	239,818	230,724
Sleeping, parlour and chair car	8,841,354	8,381,417	8,857,891	10,602,845	11,497,128
Mail	16,333,763	15,947,761	16,181,214	15,720,803	15,194,063
Express	17,568,697	14,796,200	14,929,866	15,416,590	12,674,037
Other passenger train	17,533	22,510	19,310	19,566	18,854
Milk	119,624	130,150	107,486	89,184	50,563
Switching	7,604,645	7,088,936	8,013,367	8,849,052	9,840,396
Water transfers—Freight	1,630,032	1,802,681	1,762,588	1,961,802	1,844,376
Passenger	213,399	222,669	262,088	281,195	291,496
Totals	1,132,763,863	1,175,409,004	1,283,619,820	1,329,640,975	1,436,395,228
Incidental:					
Dining and buffet car	7,190,275	7,618,651	11,133,813	11,521,401	11,053,394
News service and restaurant	3,326,077	3,472,058	3,800,182	3,462,376	2,633,230
Station, train, etc., privileges	531,158	583,727	627,579	712,053	781,694
Storage—Parcels and baggage	86,225	63,075	66,113	61,647	52,302
Freight	338,226	313,713	232,246	198,622	221,412
Demurrage	3,363,408	3,601,550	4,128,253	5,722,816	8,034,217
Grain elevators	1,288,843	1,892,934	1,191,485	1,315,551	249,078
Wharves	1,701,894	1,712,778	2,777,605	2,320,059	2,302,187
Rents of buildings, etc.	3,701,518	4,061,927	4,362,727	4,905,241	5,149,141
Other	11,081,594	11,535,657	12,474,314	12,446,364	13,941,792
Totals	32,609,218	34,856,080	40,794,317	42,666,130	44,418,447
Joint facilities, Cr. balance	Dr. 76,359	Dr. 55,285	8,355	Dr. 2,146	9,276
Total railway operating revenues	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951
Operating expenses:					
Road maintenance	239,680,724	242,919,240	248,974,985	251,148,902	260,071,348
Equipment maintenance	250,173,628	259,696,627	277,232,760	284,925,349	295,933,417
Traffic	29,022,709	30,607,450	32,401,923	34,428,822	37,886,911
Transportation—Railway line	424,859,293	427,697,154	467,893,539	493,401,399	522,709,236
Miscellaneous operations	13,476,328	14,687,066	19,444,057	20,383,563	19,624,977
General expenses	101,758,052	105,810,868	110,369,441	117,916,989	127,876,169
Totals	1,058,970,734	1,081,418,405	1,156,316,705	1,202,205,024	1,264,102,174
Equipment rents—Dr.	1,704,868	594,322	4,826,449	2,601,811	6,553,769
Joint facility rents—Dr.	894,278	1,065,717	502,762	1,442,424	1,222,358
Railway tax accruals	58,092,192	66,452,082	79,612,739	85,591,699	103,038,765
Total railway operating expenses	1,119,662,072	1,149,530,526	1,241,258,655	1,291,840,958	1,374,917,066

TABLE 9. Operating Statistics, 1962 - 66

	1962	1963	1964	1965	1966
Average first main track mileage					
44,815 44,738 44,359 44,372 44,140					
Locomotive miles:					
Diesel:					
Freight	61,311,000	63,871,156	68,025,256	69,177,464	69,553,349
Passenger	23,752,530	22,813,495	23,782,150	24,419,577	22,311,181
Train switching	3,314,788	3,261,339	3,507,194	3,660,398	3,691,640
Yard switching	24,873,129	24,939,560	25,733,828	26,060,189	26,385,910
Total transportation service	113,251,447	114,885,550	121,048,428	123,317,628	121,942,080
Other:					
Freight	23,487	15,792	11,895	11,702	338,118
Passenger	251,197	270,225	279,028	285,843	172,511
Train switching	11,665	11,328	11,161	12,103	13,341
Yard switching	65,970	57,264	27,255	11,702	—
Total transportation service	352,319	354,609	329,339	321,350	523,950

TABLE 9. Operating Statistics, 1962-66 - Continued

	1962	1963	1964	1965	1966
Locomotive miles—Concluded:					
Total:					
Freight	61,334,487	63,886,948	68,037,151	69,189,166	69,891,467
Passenger	24,003,727	23,083,720	24,061,178	24,705,420	22,483,692
Train switching	3,326,453	3,272,667	3,518,355	3,672,501	3,704,961
Yard switching	24,939,099	24,996,824	25,761,083	26,071,891	26,385,910
Grand total transportation service	113,603,766	115,240,159	121,377,767	123,638,978	122,466,030
Train miles:					
Freight — Drawn by locomotive	60,307,977	62,639,073	66,784,772	67,961,107	68,457,751
Passenger — Drawn by locomotive	23,369,055	22,426,461	23,356,785	23,996,599	21,968,357
Drawn by self-propelled car	5,848,198	5,813,023	5,273,905	5,400,115	5,657,408
Totals	29,217,253	28,239,484	28,630,690	29,396,714	27,625,765
Total transportation service	89,525,230	90,878,557	95,415,462	97,357,821	96,083,516
Work train service	2,085,116	2,309,955	1,919,893	1,839,224	1,896,352
Freight car miles — Transportation service:					
In freight trains:					
Freight loaded	2,003,297,777	2,103,242,993	2,276,917,484	2,296,653,039	2,378,139,622
Freight empty	1,190,733,466	1,297,171,950	1,422,743,681	1,440,333,587	1,522,770,810
Caboose	62,143,573	64,660,810	69,025,365	70,334,139	70,830,051
Totals	3,256,174,816	3,465,075,753	3,768,686,530	3,807,320,765	3,971,740,483
In passenger trains — Transportation service	6,084,469	7,351,545	13,702,507	15,353,415	32,154,602
Total transportation service	3,262,259,285	3,472,427,298	3,782,389,037	3,822,674,180	4,003,895,085
Work train service	8,633,201	10,366,143	7,477,104	8,711,671	8,879,270
Passenger car miles — Transportation service:					
In passenger trains:					
Locomotive drawn:					
Self-propelled car	63,557	118,680	393,740	359,441	53,710
Coach (including colonist)	58,475,251	58,499,890	65,313,985	68,532,037	62,936,058
Sleeping, parlour and observation	72,044,374	71,296,489	85,126,332	87,730,670	82,554,648
Dining	13,099,362	14,288,329	19,299,312	20,027,817	19,960,582
Express	63,705,209	56,641,357	53,886,162	42,466,712	34,453,109
Other head-end	51,769,082	49,689,531	49,311,879	52,785,257	37,510,781
Other	2,099,628	1,801,006	1,542,359	1,592,540	11,927,922
Totals	261,256,463	252,335,291	274,873,769	273,494,474	249,396,810
Self-propelled car drawn:					
Self-propelled	10,027,462	9,996,539	9,795,233	10,052,210	10,477,386
Coach (including colonist)	814,984	890,168	915,980	868,028	839,774
Sleeping, parlour and observation	—	—	—	—	—
Dining	—	—	—	—	—
Express	378	8,964	—	—	—
Other head-end	308	—	—	—	—
Other	74	152	—	—	—
Totals	10,843,206	10,895,823	10,711,213	10,920,238	11,317,160
Total drawn (locomotive and self-propelled car):					
Self-propelled car	10,091,019	10,115,219	10,188,973	10,411,651	10,531,096
Coach (including colonist)	59,290,235	59,390,067	66,229,965	69,400,065	63,775,832
Sleeping, parlour and observation	72,044,374	71,296,489	85,126,332	87,730,670	82,554,648
Dining	13,099,362	14,288,329	19,299,312	20,027,817	19,960,582
Express	63,705,587	56,650,321	53,886,162	42,466,712	34,453,109
Other head-end	51,769,390	49,689,531	49,311,879	52,785,257	37,510,781
Other	2,099,702	1,801,158	1,542,359	1,592,540	11,927,922
Totals	272,099,669	263,231,114	285,584,982	284,414,712	260,713,970
In freight trains — Transportation service	24,850,002	22,711,103	23,356,401	22,158,976	15,284,073
Totals transportation service	296,949,671	285,942,217	308,941,383	306,573,688	275,998,043
Work train service	3,398	13,254	1,998	5,185	27,367
Averages:					
Locomotive miles in transportation service per mile of road	2,535	2,576	2,736	2,786	2,774
Train miles in transportation service per mile of road	1,998	2,031	2,151	2,194	2,177
Loaded freight cars per freight train	33.22	33.58	34.09	33.79	34.74
Empty " " " " "	19.74	20.71	21.30	21.19	22.24
Total freight train cars per freight train	53.99	55.32	56.43	56.02	58.02
Passenger train cars per passenger train drawn by locomotive	11.18	11.25	11.77	11.40	11.35
Passenger cars per passenger train drawn by locomotive	5.59	5.79	6.46	6.51	6.63

TABLE 9. Operating Statistics, 1962-66 - Continued

	1962	1963	1964	1965	1966
Freight traffic - Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways	138,435,127	148,834,318	164,786,979	170,829,382	179,695,727
Received from U.S. connections	22,495,214	22,901,308	24,909,406	25,987,505	25,815,340
Total tons originated	160,930,341	171,735,626	189,696,385	196,816,887	205,511,067
Interchanged between Canadian railways	21,908,835	21,617,906	21,349,007	29,675,105	33,841,270
Total tons	182,839,176	193,353,532	211,045,392	226,491,992	239,352,337
Tons carried one mile	'000 67,937,162	75,796,023	85,032,999	87,190,353	95,097,777
Tons originated per mile of road	3,591	3,839	4,276	4,436	4,656
Tons carried one mile (rail line) per mile of road	1,515,811	1,694,071	1,916,805	1,964,858	2,154,335
Average miles hauled per revenue ton - All railways ¹	422	441	448	443	463
Freight traffic - Revenue and non-revenue freight (tons - 2,000 lb.):					
Tons carried	194,203,150	205,877,076	219,042,535	234,401,923	246,941,621
Tons carried on mile	'000 69,686,371	77,620,128	86,767,613	89,006,464	96,949,361
Tons per loaded car mile in transportation service (revenue and non-revenue)	34.71	36.81	37.92	38.54	40.26
Gross ton miles - Freight train cars	'000 148,190,351	161,029,748	179,143,759	183,413,643	196,030,621
Passenger train cars	'000 19,794,222	19,464,049	20,581,890	20,742,531	18,883,952
Totals	'000 167,984,573	180,493,797	199,725,649	204,156,174	214,914,573
Gross ton miles per freight train mile	2,457	2,571	2,682	2,699	2,864
Gross ton miles (transportation service) per mile of road	3,748,401	4,034,463	4,502,483	4,601,013	4,868,930
Train hours - Freight service	2,827,247	3,132,623	3,289,078	3,322,072	3,266,750
Passenger traffic:					
Passengers carried	19,257,772	20,635,664	22,914,810	24,615,980	23,194,559
Passengers carried one mile	'000 2,018,842	2,069,565	2,681,234	2,664,115	2,587,451
Passengers carried per mile of road	430	461	517	555	515
Passengers carried one mile per mile of road	45,048	46,260	60,444	60,040	58,619
Average number of passengers per passenger train car in transportation service	7	7	9	9	9
Average number of passengers per passenger car in transportation service	14	14	16	16	16
Average passenger journey	104.8	100.3	117.0	108.2	111.6
Freight revenues - Rail line:					
Freight receipts	\$ 1,019,548,627	1,067,288,649	1,169,534,379	1,210,728,459	1,321,957,162
Switching receipts	\$ 7,604,645	7,088,936	8,013,367	8,849,052	9,840,396
Other freight train receipts and water transfers	\$ 1,630,032	1,802,681	1,762,588	1,961,802	1,844,376
Total freight revenues	\$ 1,028,783,304	1,076,180,266	1,179,310,334	1,221,539,313	1,333,641,934
Average freight revenue per mile of road	\$ 22,956	24,055	26,586	27,530	30,214
Average freight receipts per mile of road	\$ 22,750	23,856	26,365	27,286	29,949
Average freight receipts per freight train mile	\$ 16.91	17.04	17.51	17.82	19.31
Average freight receipts per loaded freight car mile in transportation service	¢ 50.78	50.61	51.11	52.42	57.23
Average freight receipts per ton originated	\$ 6.34	6.21	6.17	6.15	6.43
Average freight receipts per ton mile	¢ 1.501	1.408	1.375	1.389	1.390
Passenger revenues - Rail line:					
Passenger receipts	\$ 60,616,581	59,540,654	63,738,236	65,731,661	62,796,429
Sleeper, parlour and chair car receipts	\$ 8,841,354	8,381,417	8,857,891	10,602,845	11,497,128
Baggage	\$ 269,608	187,377	203,395	239,818	230,724
Mail	\$ 16,333,763	15,947,761	16,191,214	15,720,803	15,194,063
Express	\$ 17,568,697	14,796,200	14,929,866	15,416,590	12,674,037
Milk	\$ 119,624	130,150	107,486	89,184	50,563
Other passenger train revenue and water transfers	\$ 230,932	245,179	281,398	300,761	310,350
Total passenger train revenues	\$ 103,980,559	99,228,738	104,309,486	108,101,662	102,753,294
Average passenger train revenue per mile of road	\$ 2,320.02	2,218.02	2,351.48	2,436.26	2,327.90
Average passenger train revenue per passenger train mile	\$ 3.56	3.51	3.64	3.68	3.72
Average passenger train revenue per passenger train car in transportation service	¢ 35.02	34.70	33.76	35.26	37.23
Average passenger receipts per passenger per railway	\$ 3.15	2.89	2.78	2.67	2.71
Average passenger receipts per passenger mile	¢ 3.00	2.88	2.38	2.47	2.43
Average passenger receipts per passenger car in transportation service	¢ 41.55	41.17	38.65	38.59	39.43
Average sleeper, etc., receipts per sleeper, etc. car miles..	¢ 12.19	11.69	10.38	12.06	13.89

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

TABLE 9. Operating Statistics, 1962-66 - Concluded

	1962	1963	1964	1965	1966
dollars					
Gross revenues from operations:					
Freight, switching.....	1,028,783,304	1,076,180,266	1,179,310,334	1,221,539,313	1,333,641,934
Passenger.....	103,980,559	99,228,738	104,309,486	108,101,682	102,753,294
Other earnings from operation	32,532,859	34,800,795	40,802,672	42,663,984	44,427,723
Totals	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951
Operating expenses:					
Net operating revenue.....	1,119,662,072	1,149,530,526	1,241,258,655	1,291,840,958	1,374,872,316
Operating ratio.....	45,634,650	60,679,273	83,163,837	80,464,001	105,950,635
Gross revenue per mile of road	96.08	94.99	93.72	94.14	92.85
Gross revenue per revenue train mile	26,002	27,051	29,857	30,927	33,548
	13.02	13.32	13.88	14.10	15.41

TABLE 10. Taxes, 1962-66

	1962	1963	1964	1965	1966
dollars					
Provincial and municipal:					
Newfoundland.....	20,245	35,317	154,288	58,438	84,111
Prince Edward Island.....	9,494	Cr. 5,264	3,861	29,586	18,870
Nova Scotia.....	260,278	193,214	239,278	272,216	273,967
New Brunswick.....	405,391	421,270	371,312	483,236	400,729
Quebec.....	7,052,968	7,256,475	7,430,519	10,054,803	12,087,654
Ontario ⁴	8,197,368	7,381,647	7,675,772	8,080,831	8,764,720
Manitoba.....	1,581,493	1,588,355	2,088,869	2,622,893	2,869,712
Saskatchewan.....	1,400,007	1,434,644	1,553,803	1,577,430	1,693,785
Alberta.....	1,171,552	1,212,322	1,169,740	1,113,169	1,186,551
British Columbia.....	2,479,861	2,552,488	3,067,538	3,298,367	3,265,851
Yukon.....	28,540	22,417	23,750	24,754	25,412
Income and excise tax.....	26,477,599	34,573,871	47,551,721	46,429,642	55,554,488
Unemployment insurance.....	5,483,198	5,725,441	5,516,219	7,027,734	5,028,982
Other special tax.....	613,122 ²	1,258,402 ³	Cr. 161,236 ²	1,522,304	8,652,316 ⁵
Outside Canada.....	2,982,744	2,875,469	2,988,082	3,070,321	3,205,147
Totals	58,163,860	66,526,068	79,673,516	85,665,724	103,112,295
Taxes paid by railway bridge companies.....	9,385	26,268	29,861	2,208	12,774
" " " pullman company.....	-	-	-	-	-
Grand totals	58,173,245	66,552,336	79,703,377	85,667,932	103,125,069

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.³ Includes \$660,000 Provision for possible taxation on Crown properties and \$598,402 special taxes.⁴ Includes a Cr. of \$1,155,000 reversal of prior years provision for taxation on Crown property and \$993,764 special taxes.⁵ Includes Canada and Quebec Pension Plans.

TABLE 11. Traffic Carried, 1962-66

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Products of agriculture:					
Wheat.....	13,403,510	16,311,535	21,154,965	17,173,187	21,893,103
Corn.....	1,046,821	966,449	1,037,039	1,090,003	1,006,127
Shorghum grains.....	18,305	13,525	1,508	4,561	10,846
Oats.....	935,985	1,556,288	1,229,384	1,344,012	1,110,485
Barley.....	1,740,092	2,189,993	2,706,816	2,253,706	2,242,250
Rye.....	207,256	180,329	218,557	236,887	359,664
Rice.....	57,484	61,971	70,967	66,713	60,432
Grain, n.o.s.	78,613	52,314	53,951	30,200	38,830
Flour, wheat.....	1,504,838	1,545,738	1,859,599	1,528,737	1,476,035
Meal corn.....	19,457	19,461	24,323	23,595	33,121

TABLE 11. Traffic Carried, 1962-66 - Continued

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Products of agriculture - Concluded:					
Flour, edible, n.o.s.	86,094	81,668	231,181	177,717	175,908
Cereal food preparations, n.o.s.	235,262	244,213	275,501	244,309	255,997
Mill products, n.o.s.	1,149,053	1,248,380	1,722,438	1,374,069	1,283,514
Hay	61,864	61,374	27,608	31,443	14,783
Straw	7,731	1,077	749	501	864
Tobacco, unmanufactured	59,051	58,469	63,690	42,850	43,620
Tobacco siftings, sweepings and waste	3,665	915	1,005	1,762	1,704
Cotton in bales	127,779	122,761	139,923	127,680	110,184
Cotton linters, noils, and regins	32,427	40,012	38,020	39,396	52,191
Cottonseed	184	74	306	466	250
Cottonseed oil cake and meal	1,641	2,376	3,319	4,702	2,166
Cottonseed hulls and bran	638	223	1,970	249	218
Soybeans	103,315	85,107	115,298	125,177	148,965
Soybean oil cake and meal	564,859	507,990	258,237	336,050	356,714
Vegetable and nut oil cake and meal, n.o.s.	35,307	35,164	57,080	29,608	30,934
Apples, fresh, not frozen	81,400	108,180	116,196	97,187	85,678
Bananas, fresh	98,286	84,622	75,233	65,193	48,929
Berries, fresh, not frozen	1,441	577	1,014	707	680
Cantaloupes and melons, n.o.s.	37,027	37,576	58,729	45,467	49,506
Grapes, fresh	84,650	101,423	101,158	104,363	127,477
Lemons, limes, and citrus fruits, n.o.s.	20,055	16,152	17,923	19,536	16,910
Oranges and grapefruit	146,767	150,548	201,788	193,516	247,423
Peaches, fresh, not frozen	18,177	15,293	12,714	8,418	7,959
Pears, fresh, not frozen	20,189	24,981	23,650	12,964	23,666
Watermelons	19,470	23,216	9,829	5,742	9,523
Fruits, fresh, n.o.s. not frozen	40,273	26,203	44,711	26,439	35,342
Fruits, dried, dehydrated, and evaporated, n.o.s.	24,265	20,964	25,537	23,784	23,232
Fruits and berries, fresh, frozen	19,494	15,465	20,064	15,896	18,401
Coffee	77,183	77,036	58,221	48,342	56,409
Cabbage	18,803	25,349	28,345	20,480	20,284
Celery	32,028	46,308	52,257	49,132	55,347
Lettuce	89,031	111,925	147,619	99,197	133,179
Onions, dry	32,583	46,598	58,411	54,395	53,521
Potatoes, other than sweet	806,160	797,953	845,992	878,713	740,331
Tomatoes	73,609	69,614	62,285	59,787	66,303
Vegetables, fresh, n.o.s., not frozen	143,014	164,362	135,487	130,714	147,403
Beans and peas, dried	105,893	120,689	125,813	120,819	121,222
Vegetables, dried, dehydrated, and evaporated, n.o.s.	2,631	2,378	3,427	7,525	7,537
Vegetables, fresh, frozen	28,292	33,475	46,220	24,359	21,612
Peanuts	23,046	21,936	29,927	36,113	33,581
Sugar beets	477,670	609,150	618,206	509,311	492,309
Malt, n.o.s.	365,659	412,017	444,392	356,205	340,577
Flaxseed	451,432	368,712	656,616	502,697	770,207
Seeds, n.o.s.	261,652	270,750	239,115	463,119	584,355
Products of agriculture, n.o.s.	95,926	113,116	134,116	102,084	117,825
Totals	25,177,337	29,303,974	35,686,429	30,369,784	35,165,635
Animals and products:					
Horses, mules, ponies, and asses	9,894	9,575	8,917	6,596	5,953
Cattle and calves, single-deck	227,117	191,741	231,713	246,183	250,256
Calves, double-deck	4,300	2,830	1,934	1,374	2,994
Sheep and goats, single-deck	3,805	2,085	2,158	1,617	785
Sheep and goats, double-deck	11,726	5,491	3,402	3,061	2,593
Swine, single-deck	70,394	48,083	41,621	37,751	28,660
Swine, double-deck	49,087	61,726	72,960	59,139	41,992
Meats, fresh, n.o.s.	473,199	547,921	641,320	508,030	475,819
Meats, cooked, cured, dried, and smoked	40,452	52,377	52,467	43,265	40,613
Packing house products, edible, n.o.s.	77,954	72,052	63,631	83,963	78,347
Margarine, n.o.s.	24,853	22,596	16,356	20,182	22,086
Poultry, live	377	157	367	111	53
Poultry, dressed and frozen	34,728	34,743	31,020	19,076	20,664

TABLE 11. Traffic Carried, 1962-66 - Continued

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Animals and products - Concluded:					
Eggs.....	3,137	6,318	2,794	1,262	1,182
Butter.....	50,649	53,251	75,154	34,867	23,139
Cheese.....	56,911	67,274	58,821	36,717	31,875
Dairy products, n.o.s.....	2,521	3,537	13,623	6,176	1,963
Wool and mohair in grease.....	23,246	18,188	16,508	15,236	14,741
Wool and mohair, n.o.s.....	13,399	11,118	13,023	16,366	18,252
Hides, skins, and pelts, n.o.s.....	135,044	116,614	127,207	131,473	123,560
Leather, n.o.s.....	4,408	4,958	3,076	2,978	5,195
Sea food, n.o.s.....	38,357	37,142	48,858	47,819	45,091
Fish and sea animal oil.....	49,520	43,169	27,116	24,735	19,718
Animals and products, n.o.s.....	103,206	116,091	110,093	118,423	105,697
Totals	1,508,284	1,529,037	1,664,139	1,466,380	1,361,228
Products of mines:					
Anthracite coal, n.o.s.....	977,969	962,083	790,245	774,284	711,985
Anthracite coal to breakers and washeries.....	34,024	-	-	-	4,305
Biluminous coal.....	10,184,111	10,002,904	10,449,727	10,725,702	9,946,243
Coke.....	1,356,092	1,394,295	1,764,196	1,941,097	1,980,274
Iron ore.....	24,239,159	27,698,186	25,725,343	29,716,750	30,322,943
Aluminum ore and concentrates.....	1,841,664	1,857,330	2,300,742	2,350,664	2,862,432
Copper ore and concentrates.....	789,427	885,001	1,213,601	1,297,655	1,314,200
Copper nickel (nickel) ore and concentrates.....	2,857,401	2,135,841	2,940,797	4,100,805	4,033,786
Lead ore and concentrates.....	286,608	309,923	413,208	791,723	719,022
Zinc ore and concentrates.....	1,168,650	1,198,566	1,735,568	2,145,574	2,356,426
Ores and concentrates, n.o.s.....	1,068,747	977,514	740,188	821,802	672,401
Barytes.....	20,413	48,896	28,286	26,643	38,109
Clay and bentonite.....	414,708	459,980	536,612	526,426	544,823
Sand, industrial.....	805,784	791,512	931,571	1,071,872	1,190,441
Gravel and sand, n.o.s.....	5,452,696	5,722,289	6,839,214	6,227,625	5,735,698
Stone and rock: broken, ground, and crushed.....	5,017,049	5,430,004	5,387,391	6,123,381	6,079,453
Fluxing stone and raw dolomite.....	73,054	77,704	571,399	813,226	688,803
Stone, rough, n.o.s.....	149,799	79,530	45,485	33,973	33,462
Stone, finished, n.o.s.....	18,133	18,483	22,709	20,535	25,450
Petroleum, crude.....	642,770	424,980	455,007	254,634	297,859
Asphalt.....	333,485	349,628	346,500	331,325	313,253
Salt.....	1,587,575	1,194,617	1,268,105	1,461,173	1,276,302
Phosphate rock.....	1,024,374	1,023,821	1,159,566	1,425,307	1,797,824
Sulphur.....	775,359	1,309,600	1,890,805	2,060,798	1,988,338
Asbestos, not further processed than milled.....	1,073,988	1,054,276	1,206,608	1,176,143	1,257,248
Gypsum, crude.....	4,451,586	4,841,053	4,888,650	4,709,639	4,490,907
Products of mines, n.o.s.....	1,592,217	1,580,954	1,590,858	1,529,898	1,479,175
Totals	68,236,842	71,828,970	75,242,381	82,458,654	82,161,162
Products of forests:					
Logs, butts, and bolts.....	2,240,469	2,300,412	2,563,702	2,345,125	2,453,769
Posts, poles, and piling, wooden.....	362,210	332,550	314,981	382,901	402,143
Wood fuel.....	11,855	9,165	8,764	6,997	6,286
Ties, railroad.....	57,934	68,272	73,993	30,109	40,571
Pulpwood.....	4,867,930	4,857,912	6,026,932	7,213,616	8,830,935
Lumber, shingles, and lath.....	6,608,073	6,941,623	7,241,194	6,871,158	6,638,619
Box, crate, and cooperage materials.....	45,448	41,128	43,470	43,715	37,409
Veneer, plywood, and built-up wood.....	855,776	887,076	989,971	1,061,932	1,186,997
Rosin and turpentine.....	18,221	58,063	19,869	20,501	21,696
Products of forests, n.o.s.....	373,409	431,242	448,568	467,660	399,737
Totals	15,441,325	15,927,443	17,731,444	18,443,714	20,018,162
Manufactures and miscellaneous:					
Gasoline.....	2,812,250	2,917,987	2,755,919	2,784,510	2,824,303
Fuel, road, and petroleum residual oils, n.o.s.....	3,111,273	3,498,344	3,894,587	4,206,290	4,305,415
Lubricating oils and greases.....	325,160	317,619	343,044	361,110	375,153
Petroleum products, refined, n.o.s.....	713,974	913,140	1,131,137	1,502,298	1,685,715

TABLE 11. Traffic Carried, 1962-66 - Continued

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Manufactures and miscellaneous — Continued:					
Gases, other than petroleum, n.o.s.	450,605	486,062	600,709	626,391	707,687
Cottonseed oil	29,149	32,666	49,405	32,036	19,912
Linseed oil	13,690	12,158	14,838	14,759	14,548
Soybean oil	111,816	110,833	51,377	40,467	30,198
Vegetable and nut oils, n.o.s.	99,003	87,071	68,589	75,934	111,277
Oils, n.o.s.	20,892	23,408	35,302	35,250	36,384
Oil foots, sediment, and tank bottoms	26,727	19,597	5,950	6,174	5,891
Rubber crude, natural, and synthetic	220,382	209,121	202,615	243,702	234,311
Rubber goods, n.o.s.	11,639	11,138	11,401	12,136	10,430
Chemicals, n.o.s.	1,209,510	1,135,773	1,703,832	1,688,224	1,771,491
Sulphuric acid.....	94,851	173,333	208,196	282,282	352,869
Acids, n.o.s.	87,833	110,449	76,073	127,692	109,956
Sodium (soda) products.....	1,003,581	1,105,284	1,271,022	1,344,071	1,416,714
Alcohol, n.o.s.	57,869	64,937	86,658	94,832	117,086
Blacks, n.o.s.	67,480	58,909	60,758	59,974	87,117
Fertilizers, n.o.s.	2,523,154	3,352,315	3,693,204	4,557,508	5,958,329
Insecticides and fungicides, n.o.s.	24,103	20,385	18,062	17,551	17,631
Tar, pitch, and creosote	138,507	120,286	155,681	118,055	123,436
Tanning material, n.o.s.	4,998	2,706	3,367	3,727	3,142
Paint, paint material, putty and varnish.....	127,011	125,824	138,401	116,765	119,083
Plastics	127,950	131,334	172,236	196,793	203,341
Cellulose articles, n.o.s.	12,600	16,907	20,121	17,044	22,179
Drugs, medicines, and toilet preparations	21,648	17,719	19,767	22,326	20,643
Aluminum: bar, ingot, pig, and slab	463,543	520,501	519,107	597,696	674,657
Aluminum, n.o.s.	81,120	115,192	106,816	118,611	133,567
Copper: ingots, and pig	508,630	513,606	344,984	520,853	514,296
Copper, brass, and bronze, n.o.s.	242,081	257,218	441,540	248,731	273,989
Lead and zinc: bar, ingot, and pig	474,234	459,294	515,850	548,761	581,252
Lead and zinc, n.o.s.	4,514	6,264	6,881	7,598	14,898
Magnesium metal and alloy	8,353	8,958	8,664	7,697	8,758
Alloys for steel manufacture	141,265	137,026	125,699	148,340	160,072
Matte	309,065	247,665	265,506	301,296	257,337
Metals and alloys, n.o.s.	104,371	115,852	102,925	134,747	128,881
Iron, pig	188,848	235,054	238,190	312,171	256,508
Iron and steel: billet, bloom, and ingot	323,772	310,151	375,121	549,178	513,416
Iron and steel: bar, rod, and slab	461,795	592,255	856,992	539,545	491,789
Iron and steel: n.o.s.	148,456	189,916	52,637	103,938	56,744
Iron and steel nails and wire (woven and not woven) n.o.s.	101,018	95,794	94,947	117,174	104,097
Manufactured iron and steel	2,318,205	2,467,202	3,329,606	3,380,238	3,524,059
Cast iron pipe and fittings	19,667	22,232	71,129	52,557	62,850
Iron and steel pipe and fittings, n.o.s.	397,551	429,705	601,102	525,030	547,709
Tanks, n.o.s.	29,329	38,799	29,838	39,991	44,577
Agricultural implements, n.o.s.	212,266	256,703	274,072	298,279	329,726
Agricultural implement parts, n.o.s.	14,169	16,011	28,455	20,169	29,825
Machinery and machines, n.o.s.	398,600	379,472	659,164	552,324	534,428
Machinery parts	118,518	126,478	160,180	182,534	208,373
Business and office machines, n.o.s.	1,566	911	1,553	1,276	2,184
Railway equipment moved on own wheels	55,631	71,637	87,126	134,795	90,278
Railway equipment, S.U. not moved on own wheels	6,786	5,625	4,894	5,971	13,356
Railway equipment parts	56,053	50,826	84,128	105,443	117,429
Rails and railway track material, iron and steel	138,999	199,972	176,534	171,242	207,592
Vehicles, other than motor	17,224	16,864	23,442	27,035	60,089
Automobiles, passenger	428,990	527,263	652,264	762,944	745,875
Automobiles, freight	60,957	78,999	116,244	151,635	212,323
Vehicles, motor, n.o.s.	117,319	121,436	119,367	111,327	121,435
Military vehicles, n.o.s.	8,969	5,622	7,065	7,261	8,956
Automobiles and autotrucks, k.d.	25,919	28,341	32,283	40,475	27,287
Vehicle parts, n.o.s.	1,487,882	1,508,242	1,478,011	1,804,824	2,093,671
Airplanes, aircraft, and parts	3,519	2,653	1,573	1,268	3,648
Tires and tubes, rubber	95,601	96,140	99,172	108,852	121,643
Guns, small arms, and parts, n.o.s.	2,150	1,294	1,008	1,092	1,327

TABLE 11. Traffic Carried, 1962-66 - Continued

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Ammunition and explosives	71,607	69,958	68,771	75,094	81,208
Cement: natural and portland	1,403,637	1,313,805	1,721,043	1,976,388	2,051,763
Cement, n.o.s.	155,943	137,221	66,704	60,743	72,202
Brick, common	31,188	23,834	88,086	98,114	87,518
Brick, n.o.s. and building tile	273,942	226,853	140,731	158,376	142,995
Refractories	255,504	249,104	276,993	270,995	334,637
Artificial stone, n.o.s.	36,649	43,936	59,448	82,076	94,335
Lime, n.o.s.	651,363	666,360	636,416	635,112	656,997
Plaster: stucco and wall	109,539	95,120	86,215	91,380	87,519
Sewer pipe and drain tile (not metal)	46,392	49,255	15,176	18,639	9,986
Broken or ground brick, blocks, crockery, and glass	29,930	17,937	33,324	16,095	16,759
Woodpulp	3,048,415	3,186,693	3,431,137	3,538,129	3,846,137
Scrap paper and tags	289,613	291,629	332,406	335,049	376,806
Newspaper paper	4,232,493	4,121,218	4,497,987	4,772,914	5,053,177
Printing paper, n.o.s.	732,065	747,906	798,921	884,514	1,032,238
Wrapping paper	204,814	187,808	199,823	208,434	237,265
Paper bags	58,303	57,123	62,629	58,342	60,130
Paper and paper articles, n.o.s.	373,281	403,813	447,220	438,197	513,435
Printed matter, n.o.s.	51,146	34,417	26,572	31,090	31,702
Paperboard, fibreboard, and pulpboard	607,082	663,429	726,708	807,894	871,119
Wallboard	351,497	336,529	352,170	353,296	335,181
Building paper and prepared roofing materials	148,496	138,795	151,099	150,802	158,143
Insulating materials, n.o.s.	103,194	101,949	113,916	113,729	116,934
Building woodwork and millwork	57,775	47,970	59,304	52,978	54,362
Building materials, n.o.s.	25,892	20,423	13,655	13,973	14,729
Building and houses, fabricated and portable, n.o.s.	18,746	11,539	14,597	24,498	24,513
Asbestos articles, n.o.s.	4,903	5,416	7,315	7,633	7,902
Electrical equipment and parts, n.o.s.	107,588	109,101	138,629	149,614	179,601
Furnaces, heaters, radiators, and parts	30,600	25,708	31,409	30,172	33,167
Bathroom and lavatory fixtures and sinks	18,952	18,998	18,791	17,097	12,656
Hardware, n.o.s.	18,014	14,860	23,379	25,961	27,646
Glass	86,034	78,179	102,901	98,925	93,492
Glassware, n.o.s.	48,198	41,521	48,173	44,443	49,554
Glass bottles, jars, and packing glasses, n.o.s.	154,164	129,594	142,331	118,256	111,833
Chinaware, crockery and earthenware	8,197	8,201	8,618	10,145	13,844
Woodenware	23,064	23,836	32,993	28,063	28,989
Household utensils, n.o.s.	7,631	6,306	6,617	7,182	6,613
Refrigerators, freezing apparatus, and parts	67,678	71,666	67,274	70,075	77,485
Laundry equipment	42,520	40,029	40,316	45,188	50,576
Stoves, ranges and parts	20,216	19,576	22,048	24,483	20,996
Floor covering	32,629	61,115	64,903	65,160	68,320
Furniture, n.o.s.	68,018	71,119	82,059	93,337	117,842
Furniture parts	3,533	4,362	6,382	6,023	6,117
Tools and parts, n.o.s.	4,345	3,531	4,658	3,060	2,860
Abrasives, other than crude	35,530	29,291	25,928	20,905	22,763
Bagging: burlap, cotton, gunny, and jute, n.o.s.	30,279	34,171	29,475	24,880	28,349
Bags: burlap, cotton, gunny, and jute, n.o.s.	4,698	3,637	4,887	4,918	6,186
Cotton cloth and cotton fabrics, n.o.s.	25,542	26,528	32,279	25,150	25,976
Cotton factory products	16,711	17,448	15,501	17,552	19,064
Synthetic fibre and yarns (rayon and nylon)	16,182	16,123	23,565	24,651	30,908
Cloth and fabrics, n.o.s.	11,437	13,375	13,540	11,797	11,153
Rope, cordage, and binder twine, n.o.s.	38,697	37,363	37,340	40,191	43,218
Boots, shoes, and findings, n.o.s.	12,502	9,027	10,220	8,138	9,696
Luggage and handbags, n.o.s.	918	1,085	80	106	362
Athletic, gymnasium, playground, and sporting equipment, n.o.s.	3,675	3,465	2,457	3,315	1,314
Games and toys	6,207	6,943	8,642	9,545	10,539
Liquors, alcoholic, n.o.s.	118,295	118,628	128,005	145,304	156,969
Wine	40,347	42,787	42,773	31,423	37,615
Liquors, malt	646,918	642,845	635,292	619,976	672,200
Beverages, n.o.s.	18,536	20,603	21,332	28,211	28,730

TABLE 11. Traffic Carried, 1962-66 - Concluded

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
Manufactures and miscellaneous - Concluded:					
Ice	4,147	6,631	3,882	3,611	2,150
Syrup and molasses, refined	173,031	189,251	210,799	118,404	97,551
Molasses, residual	70,097	87,610	108,076	84,838	65,466
Sugar	579,327	610,582	604,509	608,148	622,825
Candy and confectionery	90,046	84,731	88,611	81,809	85,395
Food products, n.o.s., in cans and packages, not frozen	1,338,341	1,389,141	1,482,549	1,483,405	1,551,158
Food products, n.o.s., frozen	63,926	56,756	63,308	69,076	85,724
Starch	109,180	116,981	136,625	106,200	100,363
Soap and cleaning and washing compounds	177,320	186,280	167,051	193,126	220,853
Matches	3,765	3,732	3,800	4,375	3,422
Feed, animal and poultry, n.o.s.	1,487,652	1,555,022	1,618,957	1,546,327	1,340,487
Manufactured tobacco, n.o.s.	4,368	4,850	3,193	2,450	2,713
Cigarettes	40,445	31,332	29,610	26,219	29,928
Containers, metal	171,140	165,179	145,129	163,839	157,675
Containers, wooden	28,487	32,180	32,918	34,562	35,755
Containers, fibreboard and paperboard, k.d.	67,718	57,522	49,998	46,172	48,281
Containers, n.o.s.	49,474	47,650	63,490	68,318	81,877
Containers, returned empty	256,977	244,248	233,637	243,256	253,131
Scrap iron and scrap steel	1,131,288	1,413,518	1,656,025	2,189,398	1,968,117
Iron and steel borings, turnings, etc.	58,056	38,985	36,283	41,897	44,204
Furnace slag	115,034	167,504	255,262	454,804	273,514
Waste materials for remelting, n.o.s.	285,225	266,567	286,499	334,374	377,647
Waste materials, n.o.s.	83,728	73,434	174,219	183,987	192,595
Manufactures and miscellaneous n.o.s.	4,788,212	4,899,548	5,770,735	6,301,761	5,660,020
Total manufactures and miscellaneous	49,342,838	52,062,773	58,413,648	62,848,885	65,841,178
Grand totals, carload traffic	159,706,626	170,652,197	188,738,041	195,587,417	204,547,365
All l.c.l. freight	1,223,715	1,083,429	858,344	1,229,470	963,702
Grand totals, carload and l.c.l. traffic	160,930,341	171,735,626	189,696,385	196,816,887	205,511,067

TABLE 12. Freight Cars in Service at December 31,¹ 1962-66

	Number	Capacity	
		Total	Average
		tons (2,000 lb.)	
Automobile:			
1962	7,204	321,570	44,638
1963	7,113	317,300	44,608
1964	6,907	307,290	44,490
1965	3,696	185,915	50,302
1966	3,777	192,710	51,022
Ballast:			
1962	3,054	179,040	58,625
1963	3,009	176,770	58,747
1964	2,977	177,065	59,478
1965	2,906	173,570	59,728
1966	2,877	172,280	59,882

¹ Excludes privately-owned railway cars.

TABLE 12. Freight Cars in Service at December 31,¹ 1962-66 - Concluded

	Number	Capacity	
		Total	Average
		tons (2,000 lb.)	
Box:			
1962	106,988	5,058,825	47.284
1963	104,593	4,956,759	47.391
1964	103,108	4,905,624	47.758
1965	105,822	5,039,198	47.620
1966	105,540	5,064,138	47.983
Flat:			
1962	12,261	601,297	49.041
1963	12,430	618,276	49.741
1964	12,755	653,072	51.201
1965	13,475	706,079	52.399
1966	14,958	801,889	53.609
Gondola:			
1962	19,729	1,299,412	65.863
1963	19,323	1,276,935	66.084
1964	19,046	1,332,675	69.971
1965	19,332	1,302,444	67.372
1966	19,992	1,379,634	69.009
Hopper:			
1962	16,089	1,080,495	67.157
1963	16,031	1,077,913	67.239
1964	16,981	1,151,500	67.811
1965	18,157	1,275,885	70.270
1966	19,781	1,443,815	72.990
Ore:			
1962	6,379	517,071	81.058
1963	6,337	523,902	82.674
1964	5,977	488,422	81.717
1965	5,964	493,376	82.726
1966	6,110	508,326	83.196
Refrigerator:			
1962	8,207	387,600	47.228
1963	7,806	371,512	47.593
1964	7,555	366,862	48.559
1965	7,936	394,864	49.756
1966	8,023	409,399	51.028
Stock:			
1962	4,352	161,790	37.176
1963	3,952	149,690	37.877
1964	3,281	128,350	39.119
1965	3,150	129,710	41.178
1966	3,124	132,450	42.398
Tank:			
1962	544	27,497	50.546
1963	546	27,034	49.513
1964	526	25,762	48.977
1965	499	23,692	47.479
1966	501	24,404	48.711
Other:			
1962	362	17,120	47.273
1963	579	30,260	52.263
1964	741	41,120	55.493
1965	1,153	65,300	56.635
1966	1,281	72,250	56.401
Totals:			
1962	185,169	9,651,717	52.124
1963	181,719	9,526,351	52.424
1964	179,854	9,577,742	53.253
1965	182,090	9,790,033	53.765
1966	185,964	10,201,295	54.856

¹ Excludes privately-owned railway cars.

TABLE 13. Passenger Cars in Service at December 31, 1962-66

	1962	1963	1964	1965	1966
Self-propelled passenger train cars	99	98	100	113	115
Coach	1,142	1,054	1,037	984	987
Combination passenger	145	135	131	114	107
Colonist	53	50	46	41	34
Dining	131	131	137	153	152
Parlour	122	129	135	130	131
Sleeping	716	676	645	641	679
Baggage, express and postal	1,933	1,866	1,721	1,432	1,424
Other	37	33	33	30	31
Totals¹	4,378	4,172	3,985	3,638	3,660
Cars in company service:					
Caboose	2,748	2,635	2,560	2,433	2,371
All other	15,760	15,232	14,680	14,163	13,746
Totals	18,508	17,867	17,240	16,596	16,117
Cars leased (included in above)	4,190	5,298	4,516	4,501	4,507

¹ Includes Pullman Co. cars in Canadian service.

TABLE 14. Locomotives in Service at December 31, 1962-66

	1962	1963	1964	1965	1966
Locomotives:			number		
Steam:					
Coal burning	104	1	1	—	—
Oil burning	34	6	—	—	—
Diesel electric:					
"A" units	442	450	420	371	327
"B" units	181	186	176	160	148
Road switcher units	1,975	1,994	1,981	1,990	2,003
Yard switcher units	722	717	704	717	722 ¹
Road freight units	63	110
Electric					
Electric	39	31	22	22	19
Totals	3,497	3,385	3,304	3,323	3,329
Leased (included in above)	52	102	45	74	62
Tractive power, average pounds per locomotive	56,807	58,141	58,213	58,571	58,926

¹ Includes 15 booster units.

TABLE 15. Fuel Consumed by Motive Power at December 31, 1962-66

	1962	1963	1964	1965	1966	
Locomotives						
Consumption:						
Bituminous coal	ton	512	569	349	323	—
Fuel oil	gal.	52,004	10,758	—	—	—
Diesel oil	gal.	339,605,658	357,547,063	390,233,367	398,403,926	406,820,940
Crude oil	gal.	3,307,668	2,099,419	2,454,666	3,292,853	1,901,788
Gasoline	"	600	—	—	—	—
Cost:						
Bituminous coal	\$	5,058	6,061	3,334	3,446	—
Fuel oil	\$	5,570	1,145	—	—	—
Diesel oil	\$	45,153,704	47,640,076	52,139,464	53,582,832	54,908,089
Crude oil	\$	298,215	198,851	227,191	319,987	174,737
Gasoline	\$	165	—	—	—	—
Average cost per ton or gal.:						
Bituminous coal	\$	9.88	10.65	9.55	10.67	—
Fuel oil	¢	10.71	10.64	—	—	—
Diesel oil	¢	13.30	13.32	13.36	13.45	13.50
Crude oil	¢	9.02	9.47	9.26	9.72	9.19
Gasoline	¢	27.50	—	—	—	—
Rail motor cars, etc.						
Consumption:						
Fuel oil	gal.	4,194,857	—	4,343,539	—	4,474,944
Diesel oil	gal.	33,450	—	30,742	6,112	7,133
Gasoline	"	—	—	—	—	6,610
Total cost	\$	566,119	—	593,292	587,629	617,171
						607,047

TABLE 16. Fuel Consumed for Heating and Other Railway Purposes, 1962 - 66

		1962	1963	1964	1965	1966
Anthracite	ton	5,115	5,334	3,278	2,556	2,017
Bituminous	"	213,814	187,608	147,117	93,225	85,507
Sub-bituminous	"	21,069	12,173	8,951	10,329	5,085
Lignite	"	146,620	119,425	124,089	126,515	126,444
Fuel oil	gal.	42,492,114	45,002,764	48,860,620	56,548,657	61,637,829
Diesel oil	"	13,580,303	11,534,719	12,744,565	15,725,790	18,494,984
Gasoline	"	3,700,567	4,420,055	4,195,536	5,012,673	5,364,118
Gas	cu. ft.	1,036,420,240	1,219,892,053	1,082,397,651	1,240,801,701	1,202,266,071

TABLE 17. Rails Laid in Track, 1962 - 66

	1962	1963	1964	1965	1966
tons (2,000 lb.)					
In previously constructed track:					
New open hearth	118,636	152,692	140,049	132,447	116,868
Relay	145,951	115,924	135,260	113,594	113,719
Other	1,083	465	1,071	2,265	1,818
Totals	265,670	269,081	276,380	248,306	232,405
In new track and extention:					
New open hearth	1,844	1,624	308	625	21,006
Relay	25,847	23,206	28,794	39,486	44,470
Other	388	1,790	366	302	377
Totals	28,079	26,620	29,468	40,413	65,852

TABLE 18. Total Switch and Bridge Ties Placed in Track, 1962 - 66

	1962	1963	1964	1965	1966	
Treated - M bd. feet	No.	10,216	10,970	10,424	12,493	11,942
Average cost	\$	115.68	127.27	129.49	139.75	153.80
Untreated - M bd. feet	No.	1,075	309	461	282	814
Average cost	\$	124.84	101.05	82.20	62.64	110.62
Totals - M bd. feet	No.	11,291	11,279	10,885	12,775	12,756
Average cost	\$	116.55	120.71	127.48	138.01	151.04

TABLE 19. Cross-ties Purchased, 1962 - 66

	1962	1963	1964	1965	1966
number					
Hardwood:					
Beech	86,381	96,920	111,452	112,339	131,109
Birch	197,642	175,904	179,679	157,039	186,323
Maple	361,899	319,925	398,893	414,479	465,762
Oak	66,922	44,094	41,292	38,244	53,973
Other hardwood	25,979	45,055	16,677	35,425	97,152
Totals	738,823	681,898	747,993	757,526	934,319
Softwood:					
Cedar	7,843	10,438	10,591	6,369	8,244
Fir	205,527	263,865	241,981	440,477	462,164
Hemlock	21,873	24,819	42,936	55,223	107,444
Pine	1,247,089	2,375,985	1,906,614	2,045,570	2,416,992
Tamarack	1,840	—	1,071	8,445	—
Other softwood	10,542	4,084	1,496	198	10,395
Totals	1,494,714	2,679,191	2,204,689	2,556,282	3,005,239

TABLE 20. Cross-ties Placed in Track, 1962-66

		1962	1963	1964	1965	1966
In previously constructed track:						
Treated ties	No.	3,245,392	3,228,567	2,857,714	2,937,644	2,658,101
Untreated ties	"	98,967	62,826	79,221	84,504	176,340
Totals	"	3,344,359	3,291,393	2,936,935	3,022,148	2,859,422
In new track and extensions:						
Treated ties	"	457,103	390,044	375,964	570,107	663,435
Untreated ties	"	9,275	13,372	72,467	114,233	138,965
Totals	"	466,378	403,416	448,431	684,340	802,400
Average cost:						
Treated ties	\$	2.86	2.83	2.99	3.29	3.68
Untreated ties	\$	1.72	1.77	1.74	2.00	2.64

TABLE 21. Persons Injured in Train and Non-train Accidents and Dying after Twenty-four Hours, 1962-66

		1962	1963	1964	1965	1966
number						
Trainmen		—	—	1	1	—
Switchtenders, watchmen, etc.		—	—	—	—	—
Stationmen		—	—	—	—	—
Shopmen		—	—	—	1	—
Trackmen		3	—	1	1	2
Telegraph employees		—	—	—	—	1
Other employees		—	—	—	—	—
Passengers		—	—	—	—	—
Postal—Express—Pullman employees		—	—	—	—	—
Trespassers		2	2	—	—	—
Other persons		—	7	—	—	—
Totals		5	9	2	3	3

TABLE 22. Time Lost by Employees through Injuries Incurred in Train and Non-train Accidents, 1962-66

		Class of accident	1962	1963	1964	1965	1966
Trainmen							
Number	Train	637	596	737	801	848	
"	Non - train	62	63	90	104	85	
Days absent		23,546	23,184	25,259	28,882	32,292	
Switchtenders, watchmen, etc.							
Number	Train	80	74	94	103	131	
"	Non - train	29	20	17	24	17	
Days absent		4,461	3,923	3,640	4,601	5,495	
Stationmen							
Number	Train	6	8	16	3	5	
"	Non - train	431	514	581	607	772	
Days absent		11,137	12,501	14,430	14,824	19,107	
Shopmen							
Number	Train	13	21	26	13	23	
"	Non - train	558	457	468	747	769	
Days absent		14,945	15,722	16,576	17,521	19,648	
Trackmen							
Number	Train	43	43	47	51	63	
"	Non - train	642	680	612	628	642	
Days absent		26,113	27,127	27,459	29,436	28,077	
Telegraph employees							
Number	Train	1	1	5	2	1	
"	Non - train	131	83	103	84	102	
Days absent		3,761	2,296	2,516	2,080	2,617	
Other employees							
Number	Train	97	110	153	207	228	
"	Non - train	137	95	183	138	156	
Days absent		6,980	4,746	6,463	5,460	7,621	
Totals							
Number	Train	877	853	1,078	1,180	1,299	
"	Non - train	1,990	1,912	2,054	2,332	2,537	
Days absent		90,943	89,499	96,343	102,804	114,858	

TABLE 23. Accidents Resulting from the Movement of Trains, 1962-66

Cause	1962	1963	1964	1965	1966
number					
Coupling and uncoupling	55	40	46	57	58
Collisions—Between:					
Railway rolling stock	27	28	29	48	54
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	363	396	379	432	416
At other points	53	57	49	66	60
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	6	2	7	8	13
At other points	3	5	3	—	10
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	11	15	17	16	26
At other points	132	81	113	108	119
Derailments	65	40	22	31	44
Locomotives or cars breaking down	9	—	9	8	4
Getting on or off trains	229	254	297	330	365
Falling from trains, locomotives or cars	50	60	72	51	83
Striking overhead or other obstructions	20	19	9	10	15
Other causes	556	530	700	787	886
Totals	1,579	1,527	1,752	1,952	2,153

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents — By Cause, 1962-66

Cause	1962	1963	1964	1965	1966
Number of persons killed					
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions—Between:					
Railway rolling stock	—	—	—	—	—
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	—	—	7	—	—
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	—	—	—	—	—
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	—	—	1	—	1
Falling from trains, locomotives or cars	—	2	—	1	3
Striking overhead or other obstructions	—	—	—	—	—
Other causes	—	—	—	—	—
Totals	—	2	8	2	4
Employees					
Coupling and uncoupling	1	—	—	1	1
Collisions—Between:					
Railway rolling stock	—	1	—	5	8
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossing	—	1	—	—	—
At other points	—	2	—	—	—
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	—	—	4	—	—
At other points	—	—	—	1	—
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	3	6	10	3	4
Derailments	1	—	—	—	—
Locomotives or cars breaking down	1	3	1	2	1
Getting on or off trains	1	4	1	2	—
Falling from trains, locomotives or cars	2	5	1	1	2
Striking overhead or other obstructions	—	—	—	—	—
Other causes	10	1	6	5	4
Totals	19	23	23	20	20

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents — By Cause, 1962-66 — Concluded

Cause	1962	1963	1964	1965	1966
Number of persons injured					
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions — Between:					
Railway rolling stock	9	4	1	21	4
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	26	—	20	4	—
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	—	—	—	—	—
Derailments	9	43	3	112	13
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	20	28	40	43	42
Falling from trains, locomotives or cars	—	2	2	1	6
Striking overhead or other obstructions	—	1	—	—	—
Other causes	42	78	72	92	150
Totals	106	157	138	273	215
Employees					
Coupling and uncoupling	50	40	45	56	56
Collisions — Between:					
Railway rolling stock	18	32	34	50	37
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	17	7	9	10	6
At other points	2	—	2	2	1
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	9	2	7	7	3
At other points	2	5	6	—	19
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	11	13	15	18	15
Derailments	21	39	15	31	30
Locomotives or cars breaking down	7	—	9	8	8
Getting on or off trains	191	203	244	267	315
Falling from trains, locomotives or cars	37	39	57	41	64
Striking overhead or other obstructions	18	15	9	9	13
Other causes	494	458	626	681	742
Totals	877	853	1,078	1,180	1,305

TABLE 25. Persons Killed and Injured in Train Accidents — By Class of Victim, 1962-66

Class of person	1962	1963	1964	1965	1966
Number of persons killed					
Employees:					
Trainmen	5	15	7	9	11
Switchtenders, watchmen, etc.	—	—	—	1	1
Stationmen	—	—	2	1	—
Shopmen	1	2	1	3	1
Trackmen	11	5	11	6	7
Telegraph employees	2	—	—	—	—
Other employees	—	1	2	—	—
Total employees	19	23	23	20	20
Passengers	—	2	8	2	4
Postal — Express — Pullman employees	1	—	—	—	1
Trespassers	72	43	61	50	75
Other persons	161	158	159	157	205
Grand totals	253	226	251	229	305
Suicides	5	7	5	6	4

TABLE 25. Persons Killed and Injured in Train Accidents — By Class of Victim, 1962-66 — Concluded

Class of person	1962	1963	1964	1965	1966
Number of persons injured ¹					
Employees:					
Trainmen	637	596	737	801	848
Switchtenders, watchmen, etc.	80	74	94	103	131
Stationmen	6	8	16	3	5
Shopmen	13	21	26	13	23
Trackmen	43	43	47	51	63
Telegraph employees	1	1	5	2	1
Other employees	97	110	153	207	228
Total employees	877	853	1,078	1,180	1,299
Passengers	106	157	138	273	216
Postal — Express — Pullman employees	11	15	18	14	4
Trespassers	57	45	42	53	47
Other persons	414	517	493	557	540
Grand totals	1,465	1,587	1,769	2,077	2,106
Attempted suicides	—	—	—	—	—

¹ See page 24 for time lost through injuries.

TABLE 26. Persons Killed and Injured in Non-train Accidents — By Cause, 1962-66

Cause	1962	1963	1964	1965	1966
Number of persons killed					
Handling traffic	3	2	—	—	—
Handling machinery, tools, etc.	4	3	—	3	2
Getting on or off locomotives and cars at rest	—	1	1	—	—
Other causes	13	5	11	13	6
Totals	20	11	12	16	8
Number of persons injured ¹					
Handling traffic	289	250	272	312	467
Handling machinery, tools, etc.	466	535	469	665	628
Getting on or off locomotives and cars at rest	96	51	57	86	96
Other causes	1,265	1,170	1,404	1,379	1,456
Totals	2,116	2,006	2,203	2,442	2,647

¹ See page 24 for time lost through injuries.

TABLE 27. Persons Killed and Injured in Non-train Accidents — By Class of Victim, 1962-66

Class of person	1962	1963	1964	1965	1966
Number of persons killed					
Employees:					
Trainmen	2	—	—	—	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	2	2	3	—	—
Shopmen	2	1	2	2	1
Trackmen	6	4	4	6	3
Telegraph employees	—	—	1	7	—
Other	2	3	—	—	2
Totals	14	10	10	15	6
Passengers	—	—	—	—	—
Postal — Express — Pullman employees	3	1	—	—	—
Trespassers	1	—	1	1	2
Other persons	2	—	1	—	—
Grand totals	20	11	12	16	8
Suicides	1	—	—	—	—

RAILWAY TRANSPORT

TABLE 27. Persons Killed and Injured in Non-train Accidents - By Class of Victim, 1962-66 - Concluded

Class of person	1962	1963	1964	1965	1966
Number of persons injured ¹					
Employees:					
Trainmen	62	63	90	104	85
Switchtenders, watchmen, etc.	29	20	17	24	17
Stationmen	431	514	581	607	772
Shopmen	558	457	468	747	769
Trackmen	642	680	612	628	642
Telegraph employees	131	83	103	84	102
Other	137	95	183	138	150
Totals	1,990	1,912	2,054	2,332	2,537
Passengers	64	55	72	57	39
Postal - Express - Pullman employees	23	18	31	29	18
Trespassers	5	7	9	8	12
Other persons	34	14	37	36	41
Grand totals	2,116	2,006	2,203	2,462	2,647
Attempted suicides	-	1	1	1	-

¹ See page 24 for time lost through injuries.

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, 1962-66

	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:										
1962	-	-	-	-	3	-	-	-	3	-
1963	-	-	4	-	-	-	-	-	4	-
1964	-	-	1	-	1	1	-	-	2	1
1965	-	-	-	-	4	-	2	-	6	-
1966	-	-	8	-	23	2	-	-	31	2
Protected by automatic signals:										
1962	-	-	5	3	16	23	-	-	21	26
1963	-	-	1	1	9	22	1	2	11	25
1964	-	-	2	1	14	11	1	-	17	12
1965	-	-	3	1	32	5	-	-	35	6
1966	-	-	3	-	25	3	1	1	29	4
Protected by watchmen:										
1962	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	1	-	-	-	1
1964	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	2	-	-	-	2
1966	-	-	-	-	-	-	-	-	-	-
Otherwise protected:										
1962	-	-	1	2	25	67	-	-	26	69
1963	-	1	1	1	31	69	1	2	33	73
1964	-	11	2	1	44	66	-	-	46	78
1965	-	-	1	1	50	46	1	-	52	47
1966	-	-	4	-	71	44	-	-	75	44
Totals:										
1962	-	-	6	5	44	99	-	-	50	95
1963	-	1	6	2	40	92	2	4	48	99
1964	-	11	5	2	59	78	1	-	65	91
1965	-	-	4	2	86	53	3	-	93	55
1966	-	-	15	-	119	49	1	1	135	50

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, 1962-66 — 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:										
1962	—	—	—	—	2	—	—	—	2	—
1963	—	—	1	—	3	2	—	—	4	2
1964	—	1	2	—	6	—	1	—	9	1
1965	—	—	2	—	10	—	—	—	12	—
1966	—	—	4	—	32	1	—	—	36	1
Protected by automatic signals:										
1962	—	3	—	—	50	19	—	—	50	22
1963	3	—	1	—	63	40	2	—	69	40
1964	—	1	2	1	77	44	1	—	80	46
1965	3	1	2	—	96	9	1	—	102	10
1966	2	—	8	—	92	9	2	—	104	9
Protected by watchmen:										
1962	—	—	—	—	7	1	—	—	7	1
1963	—	—	1	—	13	—	—	—	14	—
1964	1	—	—	—	14	1	—	—	15	1
1965	—	—	1	—	16	—	—	—	17	—
1966	—	—	—	—	11	1	—	—	11	1
Otherwise protected:										
1962	2	47	—	1	116	155	1	1	119	204
1963	1	5	2	—	142	174	2	—	147	179
1964	7	26	4	1	162	115	—	—	173	142
1965	4	12	3	1	218	77	2	1	227	91
1966	3	9	—	—	220	92	—	1	223	102
Totals:										
1962	2	50	—	1	175	175	1	1	178	227
1963	4	5	5	—	221	216	4	—	234	221
1964	8	28	8	2	259	160	2	—	277	190
1965	7	13	8	1	340	86	3	1	358	101
1966	5	9	12	—	355	103	2	1	374	113

TABLE 29. Highway Crossings at December 31, 1962-66

No.		Protected by						
		Gates		Bridges		Subways		
		Urban	Rural	Urban	Rural	Urban	Rural	
number								
Newfoundland:								
1	1962	—	—	—	6	1	1	
2	1963	—	—	1	8	1	1	
3	1964	—	—	1	8	1	2	
4	1965	—	—	1	16	1	2	
5	1966	—	—	1	17	1	2	
Prince Edward Island:								
6	1962	—	—	1	—	—	5	
7	1963	—	—	1	—	—	5	
8	1964	—	—	1	—	—	5	
9	1965	—	—	1	—	—	4	
10	1966	—	—	1	—	—	4	
Nova Scotia:								
11	1962	4	2	21	20	12	32	
12	1963	3	2	23	20	12	32	
13	1964	2	2	23	20	12	32	
14	1965	2	2	23	20	12	32	
15	1966	3	5	23	20	12	32	
New Brunswick:								
16	1962	8	1	10	34	13	35	
17	1963	7	1	10	35	13	35	
18	1964	7	1	10	37	13	35	
19	1965	6	1	10	37	13	34	
20	1966	7	1	10	36	13	34	
Quebec:								
21	1962	61	16	61	51	184	75	
22	1963	57	18	62	55	185	78	
23	1964	57	17	64	61	197	79	
24	1965	58	19	76	66	210	73	
25	1966	54	20	102	70	212	75	
Ontario:								
26	1962	142	85	222	246	337	199	
27	1963	157	98	230	246	331	198	
28	1964	179	107	235	254	336	197	
29	1965	218	113	259	261	369	195	
30	1966	225	115	256	259	382	193	
Manitoba:								
31	1962	26	8	5	12	32	9	
32	1963	30	15	9	11	40	11	
33	1964	26	11	8	11	34	10	
34	1965	28	8	10	10	35	12	
35	1966	30	12	10	10	35	11	
Saskatchewan:								
36	1962	5	2	7	23	21	41	
37	1963	2	3	8	21	20	40	
38	1964	3	3	8	21	21	40	
39	1965	5	3	8	21	21	40	
40	1966	5	3	8	23	21	40	
Alberta:								
41	1962	16	1	10	43	36	49	
42	1963	16	1	10	43	35	47	
43	1964	21	1	11	44	35	47	
44	1965	23	1	12	46	38	47	
45	1966	23	1	12	48	38	50	
British Columbia:								
46	1962	12	8	40	76	14	63	
47	1963	10	10	62	77	15	65	
48	1964	12	9	64	84	17	60	
49	1965	12	10	65	89	17	59	
50	1966	11	4	65	93	17	61	
Total - Canada:								
51	1962	274	123	377	511	650	506	
52	1963	282	148	416	516	652	509	
53	1964	307	151	425	540	666	507	
54	1965	352	157	465	566	716	498	
55	1966	358	161	488	576	731	500	
United States:								
56	1962	2	1	3	7	9	11	
57	1963	2	1	3	7	9	11	
58	1964	2	1	3	7	9	11	
59	1965	2	1	4	7	8	11	
60	1966	2	1	4	7	8	11	

TABLE 29. Highway Crossings at December 31, 1962-66

Protected by				Otherwise protected		Total			No.
Automatic signals		Watchmen		Urban	Rural	Urban	Rural	Total	
Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Total	
number									
3	7	—	—	63	217	67	231	298	1
3	7	—	—	62	218	67	234	301	2
9	9	—	—	56	215	67	234	301	3
12	12	—	—	52	208	66	238	304	4
13	12	—	—	50	209	65	240	305	5
5	18	1	—	39	202	46	225	271	6
7	21	1	—	37	199	46	225	271	7
8	23	1	—	36	197	46	225	271	8
8	24	1	—	36	197	46	225	271	9
8	26	1	—	36	195	46	225	271	10
62	196	5	—	212	505	316	755	1,071	11
69	208	5	1	207	494	319	757	1,076	12
72	226	5	1	205	476	319	757	1,076	13
72	250	5	1	203	455	317	760	1,077	14
74	279	5	1	202	424	319	761	1,080	15
41	144	—	—	139	555	211	769	980	16
46	150	—	—	135	551	211	772	983	17
51	154	—	—	130	524	211	751	962	18
55	167	—	—	128	494	212	733	945	19
59	179	—	—	122	461	211	711	922	20
246	393	1	1	665	1,674	1,218	2,210	3,428	21
272	422	1	—	660	1,845	1,237	2,218	3,455	22
291	467	1	—	662	1,574	1,272	2,198	3,470	23
317	508	1	—	645	1,505	1,307	2,171	3,478	24
341	544	1	—	645	1,461	1,355	2,168	3,523	25
622	603	12	—	1,890	4,309	3,225	5,439	8,664	26
614	640	12	1	1,880	4,157	3,224	5,337	8,561	27
645	694	11	—	1,935	4,113	3,341	5,365	8,706	28
725	702	9	—	2,044	3,895	3,624	5,186	8,790	29
722	745	9	—	2,005	3,763	3,599	5,075	8,674	30
44	58	3	—	524	3,587	634	3,674	4,308	31
68	78	4	—	626	3,447	777	3,562	4,339	32
61	84	—	—	520	3,575	649	3,691	4,340	33
70	102	—	—	501	3,536	644	3,668	4,312	34
83	114	—	—	515	3,505	673	3,652	4,325	35
61	55	—	1	396	7,425	490	7,547	8,037	36
67	60	—	1	401	7,451	498	7,576	8,074	37
80	70	—	1	394	7,441	506	7,576	8,082	38
86	81	—	1	389	7,440	509	7,586	8,095	39
96	89	—	—	405	7,413	535	7,568	8,103	40
63	125	—	—	404	3,845	529	4,063	4,592	41
85	132	—	—	366	3,765	512	3,988	4,500	42
86	142	—	—	369	3,760	522	3,994	4,516	43
96	158	—	—	417	3,730	586	3,982	4,568	44
104	155	—	—	404	3,720	581	3,974	4,555	45
51	78	3	4	411	864	531	1,093	1,624	46
67	83	2	—	683	859	839	1,094	1,933	47
71	86	4	—	694	844	862	1,083	1,945	48
74	111	3	—	714	842	885	1,111	1,996	49
77	129	3	—	697	825	870	1,112	1,982	50
1,198	1,677	25	6	4,743	23,183	7,267	26,006	33,273	51
1,298	1,801	25	3	5,057	22,786	7,730	25,763	33,493	52
1,374	1,955	22	2	5,001	22,719	7,795	25,874	33,669	53
1,515	2,115	19	2	5,129	22,302	8,196	25,640	33,836	54
1,577	2,272	19	1	5,081	21,976	8,254	25,486	33,740	55
8	23	6	1	24	99	52	142	194	56
11	20	6	1	21	102	52	142	194	57
13	20	5	1	21	101	53	141	194	58
13	20	5	1	21	101	53	141	194	59
13	20	5	1	21	101	53	141	194	60

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