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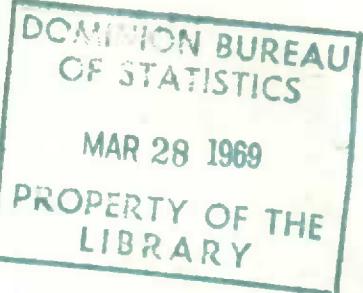
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CANADA



RAILWAY TRANSPORT

1967

PART I

(Comparative Summary Statistics 1963-67)

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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 report encompasses the following six parts which are not necessarily released in the order they are numbered.

- 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

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 Railway Transport Committee of the Canadian Transport Commission, 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 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

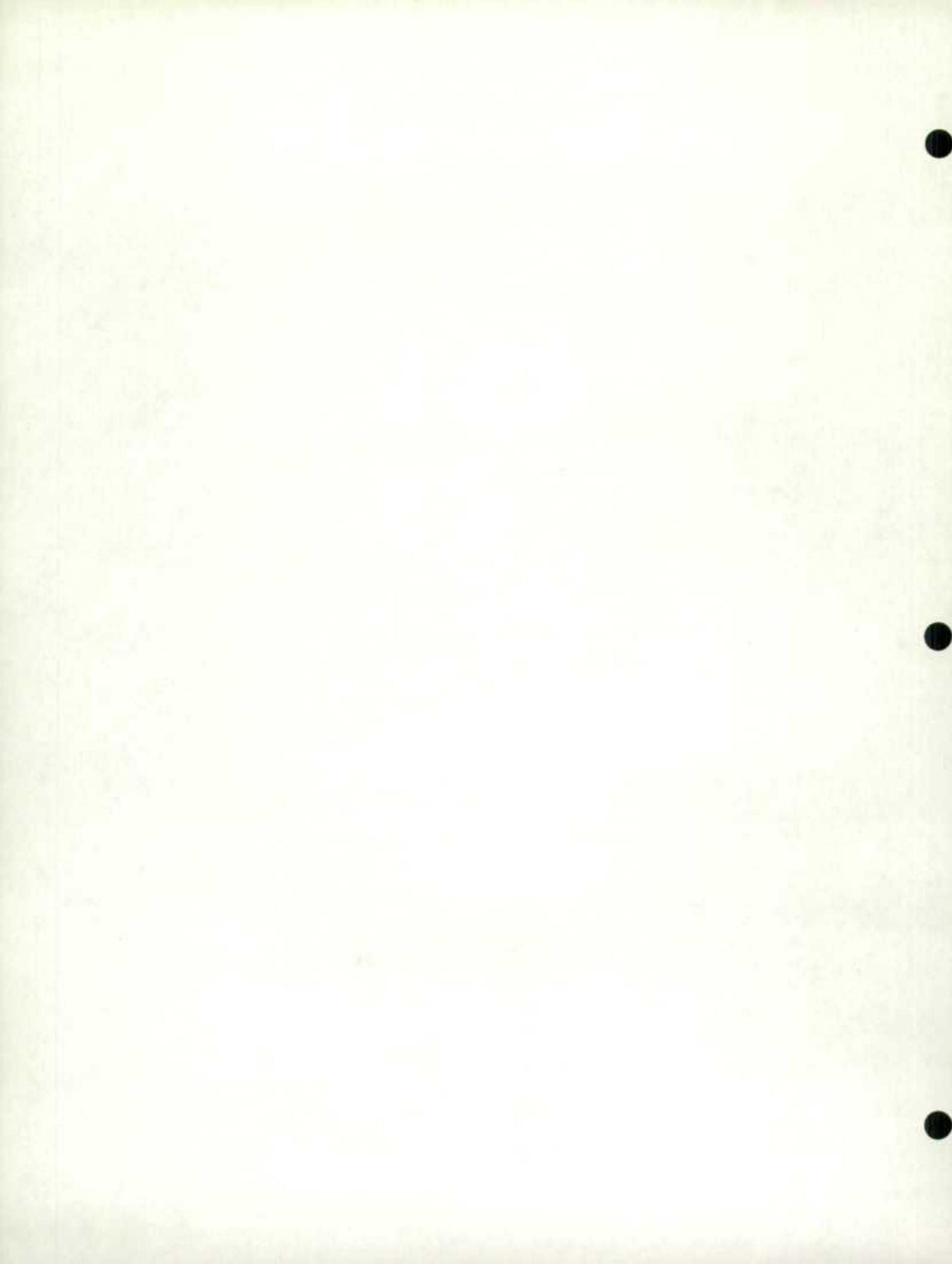
k.d. — Knocked down.
l.c.l. — Less than carload.
n.o.s. — Not otherwise specified.

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

1967

PART I

(Comparative Summary Statistics 1963-67)

Presented in this report is a five-year summary of common carrier railway operations in Canada covering the period 1963-1967 inclusive.

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

Financial data pertaining to the Cartier Railway has never been available for inclusion in Parts II and VI of this annual series. However, details of physical characteristics and work performed by that road have been shown in Parts III, IV and V and in recent years (1964-1966) these were presented independent of industry aggregates. To enable more meaningful comparisons of statistics, revisions have been made to include the Cartier (except in the case of financial data) throughout the historical detail appearing in this report.

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 and included under S.I.C. Industry 507, Truck Transport.

Commercial communications facilities providing service to the general public as well as to the railway are treated as separate establishments and included in S.I.C. Industries 544, Telephone Systems and 545, Telegraph and Cable Systems.

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 43,168 at the close of 1967, down 455 miles from 1963. The total route mileage of all tracks operated by these rail lines, including main track, industrial track and sidings, aggregated 58,530, down 19 miles over the five-year period.

Investments, Capital and Reserves

The net investment in road and equipment property during 1967 rose 11.6 per cent from 1966 to \$211 million, increasing cumulative investments to \$7,685 million. The rate of growth of investments in road and equipment property increased in each of the five years with the 1967 figure 2.8 per cent greater than that of 1965 and 9.4 per cent above 1963.

During 1967 the capital stock of railways declined 6.0 per cent to \$4,795 million, while funded debt guaranteed by the Federal Government declined \$128,767 thousand, while that guaranteed by Provincial Governments rose \$9,083 thousand. Reserves, other liabilities and deferred credits increased by \$121 million to \$2.7 billion in 1967. Amounts set aside for depreciation, which accounted for 91 per cent of total reserves, increased by \$121 million.

Financial Summary

Railway operating revenues at \$1,519 million in 1967 represented a record high, up 2.6 per cent over the previous peak of 1966. Operating expenses, however, including rents and taxes, increased by 6.2 per cent to \$1,350 million during the same period.

Railway operating income (after taxes) declined sharply to \$75.4 million in 1967, down from \$105.9 million in 1966 and only \$14.7 million above that of 1963.

Freight revenues, in 1967 were down 7.5 per cent from the all-time high recorded a year earlier but still 1.5 per cent above those of 1963. Passenger receipts at \$78.7 million were up substantially in 1967 due to increased patronage stimulated by Expo 67 and other centennial celebrations. Mail revenues were 9.4 per cent higher than the previous year due in part to a 7 per cent interim increase in mail rates granted railways during the latter part of 1966. Express revenues, which represent the net earnings of express organizations paid to the railway as compensation for carrying express packages, were 37.9 per cent higher than in 1966. The 1967 figure of \$17.5 million was the highest since 1962 when \$17.6 million was earned. Express rate increases in October 1966 and the introduction in September 1967 of a new single rate structure for express and less than carload freight contributed to the 1967 improvement in these earnings.

Transportation expenses, the largest of the expense group, were up 6.4 per cent over 1966 and 30.0 per cent higher than in 1963.

Road and equipment maintenance costs rose 4.5 per cent and 6.8 per cent respectively over 1966 and were substantially higher (11.9 and 21.7 per cent) than those four years earlier.

Traffic

Tons of revenue freight transported by rail in Canada (including freight interchanged between domestic lines) declined slightly to 247.8 million in 1967 from 248.5 million tons in the earlier year but were up 28.2 per cent over 1963. Revenue ton-miles (a practical measure of the volume of freight service performed) aggregated 94.1 billion, a decrease of 2.8 per cent from 1966 but an increase of 24.1 per cent over the number generated in 1963. The average length of haul at 447 in 1967 although four miles below that of the previous year was six miles greater than in 1963.

Passenger traffic in 1967 rose 6.2 per cent over 1966 due mainly to travel associated with Canada's Expo '67 and other centennial celebrations. In 1963 only 20.6 million persons were carried by rail as against 24.6 million in 1967. Passenger-miles jumped by more than a half million compared with the preceding year

and were 1.1 million up on 1963. The average length of journey was 127 miles in 1967, 111 in 1966 and 100 in 1963.

Equipment

Freight carrying cars in service at the close of 1967 (excluding privately-owned units) totalled 188,770, some 2,000 more than in 1966 and over 7,000 more than 1963. Whilst average capacity of these cars over the same period increased 0.8 and 3.3 tons, respectively.

Passenger cars over the five-year period under review have continued an almost uninterrupted decline dropping by 225 cars between 1966 and 1967 and 728 cars over the five year period.

Locomotives, which numbered 3,385 in service at the close of 1963 were 39 units fewer at the end of 1966 and 74 fewer by the close of 1967. By 1965 railways operating in Canada had been completely dieselized.

Fuels

Locomotive consumption of diesel oil during 1967 amounted to 426.9 million gallons, an increase of 17.2 million gallons over the previous year and 69.3 million gallons more than in 1963. Crude oil on the other hand, of which over two million gallons had been used in 1966 was not reported as a fuel in 1967. The average cost to the railways of diesel oil was 13.41 cents per gallon in 1967 compared with 13.32 cents in 1963.

Accidents

A total of 271 persons were killed and 2,008 were injured in 2,057 accidents resulting from the movement of trains in 1967. This compared with 305 deaths, 2,108 injuries and 2,155 accidents in the preceding year and 226 fatalities, 1,587 injuries and 1,527 accidents in 1963. Of the 2,008 injured in 1967, 1,265 involved employees.

A total of 111,449 days were lost by employees through injuries in both train and non-train accidents in 1967 in contrast to 114,858 days in 1966 and 89,499 in 1963.

Highway Crossings

Highway crossings in Canada at the close of 1967 aggregated 33,780 as against 33,740 in 1966 and 33,493 in 1963.

TABLE 1. Mileage Operated by Area at December 31,¹ 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
number					
First main track:					
Newfoundland	934	934	936	936	936
Prince Edward Island	279	279	279	279	252
Nova Scotia	1,315	1,314	1,314	1,313	1,313
New Brunswick	1,772	1,760	1,730	1,671	1,667
Quebec	5,361	5,353	5,428	5,328	5,327
Ontario	10,116	10,073	9,950	9,965	9,979
Manitoba	4,860	4,858	4,735	4,735	4,735
Saskatchewan	8,577	8,566	8,522	8,567	8,567
Alberta	5,683	5,682	5,723	5,680	5,680
British Columbia	4,329	4,329	4,333	4,322	4,315
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	43,623	43,545	43,347	43,193	43,168
Second main track	2,016	2,010	2,004	1,999	1,990
Other main track	56	56	56	57	65
Industrial track	1,265	1,281	1,309	1,313	1,379
Yard track and sidings	11,551	11,551	11,686	11,738	11,928
Totals, all tracks	58,511	58,443	58,402	58,300	58,530
Gauge of first track:					
4 ft. 8 1/2 inches	42,806	42,728	42,530	42,376	42,351
3 ft. 6 1/2 inches	727	727	727	727	727
3 ft.	90	90	90	90	90
First main track owned but not operated	19	19	19	19	19

¹ Excludes line operated under trackage rights.

TABLE 2. First Main Track Mileage by Area at December 31,¹ 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
number					
Newfoundland	934.20	934.20	935.70	935.70	935.70
Increase over previous year	D 1.20	— —	1.50 —	— —	— —
Prince Edward Island	278.60	278.60	278.60	278.60	251.90
Increase over previous year	— —	— —	— —	— D	26.70
Nova Scotia	1,314.80	1,314.50	1,314.50	1,313.10	1,313.10
Increase over previous year	D 44.40	D 0.30	— —	D 1.40	— —
New Brunswick	1,771.50	1,759.60	1,729.70	1,670.90	1,667.40
Increase over previous year	D 10.90	D 11.90	D 29.90	D 58.80	D 3.50
Quebec	5,360.80	5,354.10	5,428.10	5,328.40	5,327.30
Increase over previous year	D 13.00	D 6.70	D 74.00	D 99.70	D 1.10
Ontario	10,116.50	10,073.00	9,949.90	9,964.80	9,979.30
Increase over previous year	D 20.30	D 43.50	D 123.10	D 14.90	D 14.50
Manitoba	4,860.30	4,858.00	4,735.30	4,735.30	4,735.10
Increase over previous year	D 37.20	D 2.30	D 122.70	— D	0.20
Saskatchewan	8,576.90	8,565.70	8,521.90	8,567.20	8,566.90
Increase over previous year	D 11.00	D 11.20	D 43.80	D 45.30	D 0.30
Alberta	5,682.60	5,681.90	5,723.50	5,679.90	5,680.00
Increase over previous year	D 0.40	D 0.70	D 41.60	D 43.60	D 0.10
British Columbia	4,329.40	4,329.00	4,332.70	4,322.70	4,314.40
Increase over previous year	D 7.90	D 0.40	D 3.70	D 10.00	D 8.30
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	339.30
Increase over previous year	— —	— —	— —	— D	0.10
Totals	43,622.70	43,545.70	43,347.00	43,193.70	43,168.10
Increase over previous year	D 31.50	D 77.00	D 198.70	D 153.30	D 25.60

¹ Excludes line operated under trackage rights.

D = Decrease.

TABLE 3. Investments in Road and Equipment Property at December 31, 1963 - 67

	1963	1964	1965	1966	1967
dollars					
Investment changes during the year:					
Road	125,463,519	74,388,731	84,097,911	98,279,584	107,331,272
Equipment	Cr. 16,753,029	40,086,021	100,984,284	108,644,249	95,014,300
General	84,786	45,989	325,546	1,134,113	993,473
Undistributed (see below)	Cr. 2,626,787	Cr. 7,538,650	Cr. 34,923,757	Cr. 18,946,523	7,741,646
Totals	106,168,489	106,982,091	150,483,984	189,111,423	211,080,691
Total investments to December 31	7,027,154,986	7,134,137,077	7,284,621,061	7,473,732,484	7,684,813,175
Undistributed:					
Non-rail property:					
Canadian National Railways	3,771,974	7,219,816	4,768,492	8,001,227	Cr. 6,250,115
Canadian Pacific Railway Company	Cr. 8,845,548	Cr. 17,639,710	Cr. 43,698,195	Cr. 26,876,504	11,574,469
Other railways	2,446,787	2,881,244	4,005,946	Cr. 71,246	2,417,292
Totals	Cr. 2,626,787	Cr. 7,538,650	Cr. 34,923,757	Cr. 18,946,523	7,741,646

TABLE 4. Railway Capital at December 31, 1963 - 67

	1963	1964	1965	1966	1967
dollars					
Stock	2,498,496,085	2,522,599,327	2,550,570,047	2,604,092,488	2,146,365,683
Debenture stock	292,548,888	292,548,888	292,548,888	292,548,888	292,548,888
Funded debt	2,183,556,139	2,181,454,852	2,187,613,273	2,205,599,116	2,356,146,688
Totals	4,974,601,112	4,996,603,067	5,030,732,208	5,102,240,492	4,795,061,259

TABLE 5. Funded Debt Guaranteed at December 31, 1967

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	-	115,000	115,000
Canadian National Railways	1,196,694,500	-	1,196,694,500
Ontario Northland Railway	-	15,832,000	15,832,000
Pacific Great Eastern Railway	-	169,230,000	169,230,000
Totals	1,196,694,500	185,177,000	1,381,871,500

TABLE 6. Reserves, Other Liabilities and Deferred Credits at December 31,¹ 1963 - 67

	1963	1964	1965	1966	1967
dollars					
Depreciation reserves:					
Road and equipment	1,854,633,351	1,967,053,781	2,075,083,391	2,196,709,834	2,311,407,111
Other properties	117,775,854	122,147,269	105,329,364	95,376,363	101,919,942
Other reserves:					
Pension and welfare	9,326,168	9,556,659	10,561,086	11,346,597	12,235,486
Insurance	32,764,547	32,723,762	32,932,163	32,239,142	21,182,575
Equalization	90,506	87,269	110,000	180,747	140,182
Other liabilities and deferred credits:					
Interest in default	—	—	—	—	—
Other deferred liabilities	19,885,856	19,257,349	23,277,188	25,501,758	27,854,649
Tax equalization reserve	123,695,202	116,500,587	123,854,792	128,045,292	130,474,931
Premium on funded debt	—	—	—	—	—
Other unadjusted credits	42,568,666	39,614,638	45,346,924	40,333,593	44,349,427
Reserve for investments	19,517,083	15,354,687	8,753,969	3,789,367	5,366,405
Totals	2,220,257,233	2,322,296,001	2,425,248,877	2,533,522,693	2,654,930,708

¹ Includes United States lines of Canadian National and Canadian Pacific Railways.

TABLE 7. Income and Retained Income Accounts at December 31, 1963 - 67

	1963 ¹	1964 ¹	1965 ¹	1966 ^{1,r}	1967 ²
dollars					
Income account					
Railway operating revenues	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951	1,519,392,966
Railway operating expenses ³	1,083,078,444	1,161,645,916	1,206,249,259	1,271,878,301	1,350,347,910
Net railway operating revenues	127,131,355	162,776,576	166,055,700	208,944,650	169,045,056
Tax accruals	66,452,082	79,612,739	85,591,699	103,038,765	93,608,205
Railway operating income	60,679,273	83,163,837	80,464,001	105,905,885	75,436,851
Other income:					
Rail and non-rail ⁴	43,796,235	47,846,006	61,665,873	65,096,598	56,913,142
Gross income	104,475,508	131,009,843	142,129,874	171,002,483	132,349,993
Deductions:					
Other rents	395,613	494,983	385,478	380,478	388,423
Separately operated properties - Loss	1,659	—	—	8,657	3,654
Income transferred to other companies	527,107	200,422	—	—	—
Other income charges	501,746	601,336	1,007,792	828,493	4,435,086
Provision for income tax - Other	3,320,551	1,046,571	3,278,385	3,786,344	3,097,951
Fixed charges ⁵	87,202,622	86,879,430	87,099,180	92,590,020	94,345,573
Totals	91,949,298	89,222,742	91,770,835	97,593,992	102,270,687
Net income	12,526,210	41,787,101	50,359,039	73,408,491	30,079,306
Retained income					
Dividend appropriations	46,128,473	73,656,277	62,577,682	65,643,717	58,775,955
Other appropriations and misc. debits	9,651,197	6,300,101	10,801,282	37,309,082	6,401,603
Total debits	55,779,670	79,956,378	73,378,964	102,952,799	65,177,558
Total credits	76,074,675	117,814,275	40,754,296	57,667,603	60,070,685
Balance to general balance sheet	32,821,215	79,644,998	17,734,371	28,123,295	24,972,433

¹ Excludes pullman, tunnel and bridge company data.

² Includes pullman, tunnel and bridge company data.

³ Includes equipment rents and joint facility rents.

⁴ Includes net income of express, commercial communications, highway transport (rail) and non-rail operations.

⁵ Includes rent for leased roads, interest on funded and unfunded debt, etc.

TABLE 8. Gross Earnings, 1963 - 67

	1963	1964	1965	1966	1967
dollars					
Operating revenues:					
Railway line:					
Freight	1,067,288,649	1,169,534,379	1,210,728,459	1,321,957,162	1,222,168,443
Passenger	59,540,654	63,738,236	65,731,661	62,796,429	78,729,431
Baggage	187,377	203,395	239,818	230,724	281,949
Sleeping, parlour and chair car	8,381,417	8,857,891	10,602,845	11,497,128	13,264,434
Mail	15,947,761	16,191,214	15,720,803	15,194,063	16,618,814
Express	14,796,200	14,929,866	15,416,590	12,674,037	17,472,186
Other passenger train	22,510	19,310	19,566	18,854	22,482
Milk	130,150	107,486	89,184	50,563	55,226
Switching	7,088,936	8,013,367	8,849,052	9,840,396	10,622,102
Water transfers - Freight	1,802,681	1,762,588	1,961,802	1,844,376	2,008,545
Passenger	222,669	262,088	281,195	291,496	316,534
Payments relating to National Transportation Act	-	-	-	-	108,885,489
Totals	1,175,409,004	1,283,619,820	1,329,640,975	1,436,395,228	1,470,445,635
Incidental:					
Dining and buffet car	7,618,651	11,133,813	11,521,401	11,053,394	13,925,384
News service and restaurant	3,472,058	3,800,182	3,462,376	2,633,230	2,831,686
Station, train, etc., privileges	583,727	627,579	712,053	781,694	868,190
Storage - Parcels and baggage	63,075	66,113	61,647	52,302	56,806
Freight	313,713	232,246	198,622	221,412	158,153
Demurrage	3,601,550	4,128,253	5,722,816	8,034,217	7,810,572
Grain elevators	1,892,934	1,191,485	1,315,551	249,078	358,962
Wharves	1,712,778	2,777,605	2,320,059	2,302,187	2,681,881
Rents of buildings, etc.	4,061,927	4,362,727	4,905,241	5,149,141	5,806,169
Other	11,535,667	12,474,314	12,446,364	13,941,792	14,443,752
Totals	34,856,080	40,794,317	42,666,130	44,418,447	48,941,555
Joint facilities, Cr. balance	Dr. 55,285	8,355	Dr. 2,146	9,276	5,776
Total railway operating revenues	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951	1,519,392,966
Operating expenses:					
Road maintenance	242,919,240	248,974,985	251,148,902	260,071,398	271,894,362
Equipment maintenance	259,696,627	277,232,760	284,925,349	295,933,413	316,017,541
Traffic	30,607,450	32,401,923	34,428,822	37,886,981	40,222,767
Transportation - Railway line	427,697,154	467,893,539	493,401,399	522,709,236	556,043,958
Miscellaneous operations	14,687,066	19,444,057	20,383,563	19,624,977	25,107,576
General expenses	105,810,868	110,369,441	117,916,989	127,876,169	131,810,497
Totals	1,081,418,405	1,156,316,705	1,202,205,024	1,264,102,174	1,341,096,706
Equipment rents - Dr.	594,322	4,826,449	2,601,811	6,553,769	7,825,675
Joint facility rents - Dr.	1,065,717	502,762	1,442,424	1,222,358	1,425,529
Railway tax accruals	66,452,082	79,612,739	85,591,699	103,038,765	93,608,205
Total railway operating expenses	1,149,530,526	1,241,258,655	1,291,840,958	1,374,917,066	1,443,956,115

TABLE 9. Operating Statistics, 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
Average first main track mileage					
44,738					
Locomotive miles:					
Diesel:					
Freight	63,871,156	68,389,302	69,509,995	69,875,375	66,472,480
Passenger	22,813,495	23,782,150	24,419,577	22,311,181	23,996,435
Train switching	3,261,339	3,562,019	3,727,010	3,746,118	3,500,943
Yard switching	24,939,560	25,733,828	26,060,189	26,385,910	25,355,919
Total transportation service	114,885,550	121,467,299	123,716,771	122,318,584	119,325,777
Other:					
Freight	15,792	11,895	11,702	338,118	516,573
Passenger	270,225	279,028	285,843	172,511	132,473
Train switching	11,328	11,161	12,103	13,321	13,560
Yard switching	57,264	27,255	11,702	-	-
Total transportation service	354,609	329,339	321,350	523,950	462,608

TABLE 9. Operating Statistics, 1963 - 67 - Continued

	1963	1964 ^r	1965 ^r	1966 ^r	1967
Locomotive miles – Concluded:					
Total:					
Freight	63,886,948	68,401,197	69,521,697	70,213,493	66,789,053
Passenger	23,083,720	24,061,178	24,705,420	22,483,692	24,128,910
Train switching	3,272,667	3,573,180	3,739,113	3,759,439	3,514,503
Yard switching	24,996,824	25,761,083	26,071,891	26,385,910	25,355,919
Grand total transportation service	115,240,159	121,796,638	124,038,121	122,842,534	119,788,385
Train miles:					
Freight – Drawn by locomotive	62,639,073	67,148,818	68,293,638	68,779,777	65,226,603
Passenger – Drawn by locomotive	22,426,461	23,356,785	23,996,599	21,968,357	23,934,726
Drawn by self-propelled car	5,813,023	5,273,905	5,400,115	5,657,408	5,712,645
Totals	28,239,484	28,630,690	29,396,714	27,625,765	29,647,371
Total transportation service	90,878,557	95,779,508	97,690,352	96,405,542	94,873,974
Work train service	2,309,955	1,946,796	1,869,927	1,918,949	1,931,558
Freight car miles – Transportation service:					
In freight trains:					
Freight loaded	2,103,242,993	2,296,739,846	2,315,895,143	2,396,770,526	2,263,675,032
Freight empty	1,297,171,950	1,442,309,631	1,459,156,446	1,541,130,303	1,497,815,144
Caboose	64,660,810	69,047,619	70,378,347	70,854,360	67,396,358
Totals	3,465,075,753	3,808,097,096	3,845,429,936	4,008,755,189	3,828,886,534
In passenger trains – Transportation service	7,351,545	13,702,507	15,353,415	32,154,602	52,325,754
Total transportation service	3,472,427,298	3,821,799,603	3,860,783,351	4,040,909,791	3,881,212,288
Work train service	10,366,143	7,618,191	8,971,206	9,068,076	7,293,781
Passenger car miles – Transportation service:					
In passenger trains:					
Locomotive drawn:					
Self-propelled car	118,680	393,740	359,441	53,710	45,560
Coach (including colonist)	58,499,890	65,313,985	68,532,037	62,936,058	72,510,930
Sleeping, parlour and observation	71,296,489	85,126,332	87,730,670	82,554,648	98,303,597
Dining	14,288,329	19,299,312	20,027,817	19,960,582	24,006,949
Express	56,641,357	53,886,162	42,466,712	34,453,109	29,714,924
Other head-end	49,689,531	49,311,879	52,785,257	37,510,781	33,729,415
Other	1,801,006	1,542,359	1,592,540	11,927,922	18,582,761
Totals	252,335,291	274,873,769	273,494,474	249,396,810	276,894,132
Self-propelled car drawn:					
Self-propelled	9,996,539	9,795,233	10,052,210	10,477,386	10,719,719
Coach (including colonist)	890,168	915,980	868,028	839,774	846,082
Sleeping, parlour and observation	–	–	–	–	–
Dining	–	–	–	–	–
Express	8,964	–	–	–	–
Other head-end	–	–	–	–	–
Other	152	–	–	–	–
Totals	10,895,823	10,711,213	10,920,238	11,317,160	11,565,801
Total drawn (locomotive and self-propelled car):					
Self-propelled car	10,115,219	10,188,973	10,411,651	10,531,096	10,765,279
Coach (including colonist)	59,390,067	66,229,965	69,400,065	63,775,832	73,357,012
Sleeping, parlour and observation	71,296,489	85,126,332	87,730,670	82,554,648	98,303,597
Dining	14,288,329	19,299,312	20,027,817	19,960,582	24,006,949
Express	56,650,321	53,886,162	42,466,712	34,453,109	29,714,924
Other head-end	49,689,531	49,311,879	52,785,257	37,510,781	33,729,415
Other	1,801,158	1,542,359	1,592,540	11,927,922	18,582,761
Totals	263,231,114	285,584,982	284,414,712	260,713,970	288,459,937
In freight trains – Transportation service	22,711,103	23,651,496	22,366,020	15,520,722	13,076,507
Totals transportation service	285,942,217	309,236,478	306,780,732	276,234,692	301,536,444
Work train service	13,254	1,998	5,185	27,367	21,399
Averages:					
Locomotive miles in transportation service per mile of road	2,576	2,734	2,783	2,771	2,709
Train miles in transportation service per mile of road	2,031	2,150	2,192	2,175	2,145
Loaded freight cars per freight train	33.58	34.20	33.91	34.85	34.70
Empty freight cars per freight train	20.71	21.48	21.36	22.41	22.96
Total freight train cars per freight train	55.32	56.71	56.31	58.28	58.70
Passenger train cars per passenger train drawn by locomotive	11.25	11.77	11.40	11.35	11.57
Passenger cars per passenger train drawn by locomotive	5.79	6.46	6.51	6.63	7.14

TABLE 9. Operating Statistics, 1963 - 67 - Continued

	1963	1964 ^r	1965 ^r	1966 ^r	1967
Freight traffic - Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways	148,834,318	174,950,306	180,460,525	188,802,443	186,325,459
Received from U.S. connections	22,901,308	24,909,406	25,987,505	25,815,340	24,149,585
Total tons originated	171,735,626	199,859,712	206,448,030	214,617,783	210,475,044
Interchanged between Canadian railways					
Total tons	193,353,532	221,208,719	236,123,135	248,459,053	247,839,526
Tons carried one mile	75,796,023	86,974,192	89,020,271	96,828,053	94,100,687
Tons originated per mile of road	3,839	4,486	4,633	4,841	4,759
Tons carried one mile (rail line) per mile of road	1,694,071	1,960,566	1,997,545	2,184,134	2,127,618
Average miles hauled per revenue ton - All railways ¹	441	435	432	451	447
Freight traffic - Revenue and non-revenue freight (tons - 2,000 lb.):					
Tons carried	205,877,076	229,205,862	244,038,598	256,053,130	254,369,582
Tons carried one mile	77,620,128	88,709,629	90,837,433	98,680,548	96,086,639
Tons per loaded car mile in transportation service (revenue and non-revenue)	36.81	38.44	39.00	40.67	41.62
Gross ton miles - Freight train cars	161,029,748	182,039,419	186,250,098	198,738,472	193,255,758
Passenger train cars	19,464,049	20,605,498	20,756,631	18,900,480	22,908,986
Totals	180,493,797	202,644,916	207,006,729	217,638,952	216,164,744
Gross ton miles per freight train mile	2,571	2,711	2,728	2,889	2,963
Gross ton miles (transportation service) per mile of road	4,034,463	4,548,810	4,645,364	4,909,518	4,887,730
Train hours - Freight service	3,132,623	3,304,525	3,336,371	3,280,433	3,127,137
Passenger traffic:					
Passengers carried	20,635,664	22,923,942	24,625,643	23,201,319	24,638,443
Passengers carried one mile	2,069,565	2,683,093	2,665,950	2,588,728	3,135,295
Passengers carried per mile of road	461	516	553	523	557
Passengers carried one mile per mile of road	46,260	60,228	59,826	58,397	70,893
Average number of passengers per passenger train car in transportation service	7	9	9	9	10
Average number of passengers per passenger car in transportation service	14	16	16	16	17
Average passenger journey	100.3	117.0	108.3	111.6	127.3
Freight revenues - Rail line:					
Freight receipts	\$ 1,067,288,649	\$ 1,169,534,379	\$ 1,210,728,459	\$ 1,321,957,162	\$ 1,331,053,932
Switching receipts	\$ 7,088,936	\$ 8,013,367	\$ 8,849,052	\$ 9,840,396	\$ 10,622,102
Other freight train receipts and water transfers	\$ 1,802,681	\$ 1,762,588	\$ 1,961,802	\$ 1,844,376	\$ 2,008,545
Total freight revenues	\$ 1,076,180,266	\$ 1,179,310,334	\$ 1,221,539,313	\$ 1,333,641,934	\$ 1,343,684,579
Average freight revenue per mile of road	\$ 24.055	\$ 26,472	\$ 27,412	\$ 30,084	\$ 30,382
Average freight receipts per mile of road	\$ 23,856	\$ 26,253	\$ 27,170	\$ 29,821	\$ 30,097
Average freight receipts per freight train mile	\$ 17.04	\$ 17.42	\$ 17.73	\$ 19.22	\$ 20.41
Average freight receipts per loaded freight car mile in transportation service	£ 50.61	£ 50.68	£ 51.84	£ 54.48	£ 57.66
Average freight receipts per ton originated	£ 6.21	£ 5.85	£ 5.86	£ 6.16	£ 6.32
Average freight receipts per ton mile	£ 1.408	£ 1.345	£ 1.360	£ 1.365	£ 1.415
Passenger revenues - Rail line:					
Passenger receipts	\$ 59,540,654	\$ 63,738,236	\$ 65,731,661	\$ 62,796,429	\$ 78,729,431
Sleeper, parlour and chair car receipts	\$ 8,381,417	\$ 8,857,891	\$ 10,602,845	\$ 11,497,128	\$ 13,264,434
Baggage	\$ 187,377	\$ 203,395	\$ 239,818	\$ 230,724	\$ 281,949
Mail	\$ 15,947,761	\$ 16,191,214	\$ 15,720,803	\$ 15,194,063	\$ 16,618,814
Express	\$ 14,796,200	\$ 14,929,866	\$ 15,416,590	\$ 12,674,037	\$ 17,472,186
Milk	\$ 130,150	\$ 107,486	\$ 89,184	\$ 50,563	\$ 55,226
Other passenger train revenue and water transfers	\$ 245,179	\$ 281,398	\$ 300,761	\$ 310,350	\$ 339,016
Total passenger train revenues	\$ 99,228,738	\$ 104,309,486	\$ 108,101,662	\$ 102,753,294	\$ 126,761,056
Average passenger train revenue per mile of road	\$ 2,218.02	\$ 2,341.46	\$ 2,425.87	\$ 2,317.92	\$ 2,866.21
Average passenger train revenue per passenger train mile	\$ 3.51	\$ 3.64	\$ 3.68	\$ 3.72	4.28
Average passenger train revenue per passenger train car in transportation service	£ 34.70	£ 33.73	£ 35.24	£ 37.20	£ 42.04
Average passenger receipts per passenger per railway	£ 2.89	£ 2.78	£ 2.67	£ 2.71	£ 3.20
Average passenger receipts per passenger mile	£ 2.88	£ 2.38	£ 2.47	£ 2.43	£ 2.51
Average passenger receipts per passenger car in transportation service	£ 41.17	£ 38.61	£ 38.56	£ 39.40	£ 42.61
Average sleeper, etc., receipts per sleeper, etc. car miles	£ 11.69	£ 10.35	£ 12.04	£ 13.86	£ 13.44

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

TABLE 9. Operating Statistics, 1963 - 67 - Concluded

	1963	1964 ^r	1965 ^r	1966 ^r	1967
dollars					
Gross revenues from operations:					
Freight, switching	1,076,180,266	1,179,310,334	1,221,539,313	1,333,641,934	1,343,684,579
Passenger	99,228,738	104,309,486	108,101,662	102,753,294	126,761,056
Other earnings from operation	34,800,795	40,802,672	42,663,984	44,427,723	48,947,331
Totals	1,210,209,799	1,324,422,492	1,372,304,959	1,480,822,951	1,519,392,966
Operating expenses	1,149,530,526	1,241,258,655	1,291,840,958	1,374,872,316	1,443,956,115
Net operating revenue	60,679,273	83,163,837	80,464,001	105,950,635	75,436,851
Operating ratio	94.99	93.72	94.14	92.85	95.04
Gross revenue per mile of road	27,051	29,730	30,795	33,406	34,355
Gross revenue per revenue train mile	13.32	13.83	14.05	15.36	16.01

TABLE 10. Taxes, 1963 - 67

	1963	1964	1965	1966	1967
dollars					
Provincial and municipal:					
Newfoundland	35,317	154,288	58,438	84,111	54,488
Prince Edward Island	Cr. 5,264	3,861	29,586	18,870	20,908
Nova Scotia	193,214	239,278	272,216	273,967	755,945
New Brunswick	421,270	371,312	483,236	400,729	1,159,290
Quebec	7,256,475	7,430,519	10,054,803	12,087,654	14,597,140
Ontario ¹	7,381,647	7,675,772	8,080,831	8,764,720	9,723,760
Manitoba	1,588,355	2,088,869	2,622,893	2,869,712	3,508,625
Saskatchewan	1,434,644	1,553,803	1,577,430	1,693,785	1,321,051
Alberta	1,212,322	1,169,740	1,113,169	1,186,551	1,793,000
British Columbia	2,552,488	3,067,538	3,298,367	3,265,851	3,815,217
Yukon	22,417	23,750	24,754	25,412	27,181
Income and excise tax	34,573,871	47,551,721	46,429,642	55,554,488	39,829,814
Unemployment insurance	5,725,441	5,516,219	7,027,734	5,028,982	4,684,684
Canada Pension Plan	—	—	—	—	6,795,286
Other special tax	1,258,402 ²	Cr. 161,236 ³	1,522,304	8,652,316 ⁴	2,126,704 ⁵
Outside Canada	2,875,469	2,988,082	3,070,321	3,205,147	3,471,120
Totals	66,526,068	79,673,516	85,665,724	103,112,295	93,684,213
Taxes paid by railway bridge companies	26,268	29,861	2,208	12,774	6
Taxes paid by pullman company	—	—	—	—	—
Grand totals	66,552,336	79,703,377	85,667,932	103,125,069	93,684,213

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 \$660,000 Provision for possible taxation on Crown properties and \$598,402 special taxes.³ Includes a Cr. of \$1,155,000 reversal of prior years provision for taxation on Crown property and \$993,764 special taxes.⁴ Includes Canada and Quebec Pension Plan.⁵ Includes Quebec Pension Plan.⁶ Included above.

TABLE 11. Traffic Carried, 1963 - 67

	1963	1964	1965	1966	1967
tons (2,000 lb.)					
Products of agriculture:					
Wheat	16,311,535	21,154,965	17,173,187	21,893,103	16,025,009
Corn	966,449	1,037,039	1,090,003	1,006,127	826,623
Sorghum grains	13,525	1,508	4,561	10,846	23,143
Oats	1,556,288	1,229,384	1,344,012	1,110,485	1,113,648
Barley	2,189,993	2,706,816	2,253,706	2,242,250	3,083,696
Rye	180,329	218,557	236,887	359,664	288,551
Rice	61,971	70,967	66,713	60,432	75,396
Grain, n.o.s.	52,314	53,951	30,200	38,830	46,035
Flour, wheat	1,545,738	1,859,599	1,528,737	1,476,035	1,214,107
Meal, com	19,461	24,323	23,595	33,121	34,581

TABLE 11. Traffic Carried, 1963 - 67 - Continued

	1963	1964	1965	1966	1967
tons (2,000 lb.)					
Products of agriculture - Concluded:					
Flour, edible, n.o.s.	81,668	231,181	177,717	175,908	172,569
Cereal food preparations, n.o.s.	244,213	275,501	244,309	255,997	241,823
Mill products, n.o.s.	1,248,380	1,722,438	1,374,069	1,283,514	1,289,285
Hay	61,374	27,608	31,443	14,783	39,639
Straw	1,077	749	501	864	853
Tobacco, unmanufactured	58,469	63,690	42,850	43,620	41,839
Tobacco siftings, sweepings and waste	915	1,005	1,762	1,704	3,527
Cotton in bales	122,761	139,923	127,680	110,184	112,042
Cotton linters, noils, and regins	40,012	38,020	39,396	52,191	50,095
Cottonseed	74	306	466	250	929
Cottonseed oil cake and meal	2,376	3,319	4,702	2,166	771
Cottonseed hulls and bran	223	1,970	249	218	211
Soybeans	85,107	115,298	125,177	148,965	127,120
Soybean oil cake and meal	507,990	258,237	336,050	356,714	327,008
Vegetable and nut oil cake and meal, n.o.s.	35,164	57,080	29,608	30,934	55,958
Apples, fresh, not frozen	108,180	116,196	97,187	85,678	102,393
Bananas, fresh	84,622	75,233	65,193	48,929	35,825
Berries, fresh, not frozen	577	1,014	707	680	1,360
Cantaloupes and melons, n.o.s.	37,576	58,729	45,467	49,506	52,468
Grapes, fresh	101,423	101,158	104,363	127,477	101,611
Lemons, limes, and citrus fruits, n.o.s.	16,152	17,923	19,536	16,910	30,016
Oranges and grapefruit	150,548	201,788	193,516	247,423	243,429
Peaches, fresh, not frozen	15,293	12,714	8,418	7,959	5,451
Pears, fresh, not frozen	24,981	23,650	12,964	23,666	17,831
Watermelons	23,216	9,829	5,742	9,525	10,716
Fruits, fresh, n.o.s. not frozen	26,203	44,711	26,439	35,342	36,262
Fruits, dried, dehydrated, and evaporated, n.o.s.	20,964	25,537	23,784	23,232	19,965
Fruits and berries, fresh, frozen	15,465	20,064	15,896	18,401	16,437
Coffee	77,036	58,221	48,342	56,409	58,818
Cabbage	25,349	26,345	20,480	20,284	27,238
Celery	46,308	52,257	49,132	55,347	56,174
Lettuce	111,925	147,619	99,197	133,179	142,109
Onions, dry	46,598	58,411	54,395	53,521	58,938
Potatoes, other than sweet	797,953	845,992	878,713	740,331	752,355
Tomatoes	69,614	62,285	59,787	66,303	59,026
Vegetables, fresh, n.o.s., not frozen	164,362	135,487	130,714	147,403	145,114
Beans and peas, dried	120,689	125,813	120,819	121,222	109,615
Vegetables, dried, dehydrated, and evaporated, n.o.s.	2,378	3,427	7,525	7,537	9,920
Vegetables, fresh, frozen	33,475	46,220	24,359	21,612	23,539
Peanuts	21,936	29,927	36,113	33,581	34,903
Sugar beets	609,150	618,206	509,311	492,309	463,119
Malt, n.o.s.	412,017	444,392	356,205	340,577	392,995
Flaxseed	368,712	656,616	502,697	770,207	561,951
Seeds, n.o.s.	270,750	239,115	463,119	584,355	576,410
Products of agriculture, n.o.s.	113,116	134,116	102,084	117,825	85,705
Totals	29,303,974	35,686,429	30,369,784	35,165,635	29,426,151
Animals and products:					
Horses, mules, ponies, and asses	9,575	8,917	6,596	5,953	6,653
Cattle and calves, single-deck	191,741	231,713	246,183	250,256	259,277
Calves, double-deck	2,830	1,934	1,374	2,994	3,217
Sheep and goats, single-deck	2,085	2,158	1,617	785	1,279
Sheep and goats, double-deck	5,491	3,402	3,061	2,593	2,775
Swine, single-deck	48,083	41,621	37,751	28,660	27,103
Swine, double-deck	61,726	72,960	59,139	41,992	44,829
Meats, fresh, n.o.s.	547,921	641,320	508,030	475,819	511,731
Meats, cooked, cured, dried, and smoked	52,377	52,467	43,265	40,613	41,774
Packing house products, edible, n.o.s.	72,052	63,631	83,963	78,347	84,740
Margarine, n.o.s.	22,596	16,356	20,162	22,086	16,679
Poultry, live	157	367	111	53	-
Poultry, dressed and frozen	34,743	31,020	19,076	20,664	20,832

TABLE 11. Traffic Carried, 1963 - 67 - Continued

	1963	1964 ^r	1965 ^r	1966 ^r	1967
tons (2,000 lb.)					
Animals and products - Concluded:					
Eggs	6,318	2,794	1,262	1,182	1,290
Butter	53,251	75,154	34,867	23,139	20,679
Cheese	67,274	58,821	36,717	31,875	30,297
Dairy products, n.o.s.	3,537	13,623	6,176	1,963	2,731
Wool and mohair in grease	18,188	16,508	15,236	14,741	11,652
Wool and mohair, n.o.s.	11,118	13,023	16,366	18,252	9,101
Hides, skins, and pelts, n.o.s.	116,614	127,207	131,473	123,560	113,964
Leather, n.o.s.	4,958	3,076	2,978	5,195	4,469
Sea food, n.o.s.	37,142	48,858	47,819	45,091	39,064
Fish and sea animal oil	43,169	27,116	24,735	19,718	18,292
Animals and products, n.o.s.	116,091	110,093	118,423	105,697	106,058
Totals	1,529,037	1,664,139	1,466,380	1,361,228	1,378,486
Products of mines:					
Anthracite coal, n.o.s.	962,083	790,245	774,284	711,985	711,683
Anthracite coal to breakers and washeries	-	-	-	4,305	-
Bituminous coal	10,002,904	10,449,727	10,725,702	9,946,243	9,610,093
Coke	1,394,295	1,764,196	1,941,097	1,980,274	1,797,472
Iron ore	27,698,186	35,807,353	39,263,953	39,360,924	42,014,424
Aluminum ore and concentrates	1,857,330	2,300,742	2,350,664	2,862,432	2,923,565
Copper ore and concentrates	885,001	1,213,601	1,297,655	1,314,200	1,553,787
Copper-nickel (nickel) ore and concentrates	2,135,841	2,940,797	4,100,805	4,033,786	4,907,359
Lead ore and concentrates	309,923	413,208	791,723	719,022	686,277
Zinc ore and concentrates	1,198,566	1,735,568	2,145,574	2,356,426	2,827,951
Ores and concentrates, n.o.s.	977,514	740,188	821,802	672,401	798,690
Barytes	48,896	28,286	26,643	38,109	48,491
Clay and bentonite	459,980	536,612	526,426	544,823	579,134
Sand, industrial	791,512	931,571	1,071,872	1,190,441	1,207,604
Gravel and sand, n.o.s.	5,722,289	6,839,214	6,227,625	5,735,698	4,007,889
Stone and rock: broken, ground, and crushed	5,430,004	5,387,439	6,123,593	6,079,635	5,459,206
Fluxing stone and raw dolomite	77,704	571,399	813,226	688,803	337,503
Stone, rough, n.o.s.	79,530	45,485	33,973	33,462	35,442
Stone, finished, n.o.s.	18,483	22,709	20,535	25,450	14,981
Petroleum, crude	424,980	455,007	254,634	297,859	315,699
Asphalt	349,628	346,500	331,373	313,253	334,032
Salt	1,194,617	1,268,105	1,461,173	1,276,302	1,363,121
Phosphate rock	1,023,821	1,159,566	1,425,307	1,797,824	1,892,099
Sulphur	1,309,600	1,890,805	2,060,798	1,988,338	2,257,224
Asbestos, not further processed than milled	1,054,276	1,206,608	1,176,143	1,257,248	1,178,713
Gypsum, crude	4,841,053	4,888,650	4,709,639	4,490,907	3,721,852
Products of mines, n.o.s.	1,580,954	1,590,858	1,529,898	1,479,175	1,369,697
Totals	71,828,970	85,324,439	92,006,117	91,199,325	91,953,988
Products of forests:					
Logs, butts, and bolts	2,300,412	2,563,702	2,345,125	2,453,769	2,705,986
Posts, poles, and piling, wooden	332,550	315,088	382,962	402,188	330,946
Wood fuel	9,165	8,764	6,997	6,286	5,809
Ties, railroad	68,272	73,993	30,339	40,860	44,000
Pulpwood	4,857,912	6,026,932	7,213,616	8,830,935	9,910,266
Lumber, shingles, and lath	6,941,623	7,241,661	6,871,885	6,638,672	6,369,326
Box, crate, and cooperage materials	41,128	43,470	43,715	37,409	39,534
Veneer, plywood, and built-up wood	887,076	990,036	1,062,372	1,187,194	1,160,166
Rosin and turpentine	58,063	19,869	20,501	21,696	23,794
Products of forests, n.o.s.	431,242	448,568	467,660	399,737	447,436
Totals	15,927,443	17,732,083	18,445,172	20,018,746	21,037,263
Manufactures and miscellaneous:					
Gasoline	2,917,987	2,759,719	2,789,066	2,827,959	2,985,659
Fuel, road, and petroleum residual oils, n.o.s.	3,498,344	3,924,093	4,235,882	4,330,327	4,526,235
Lubricating oils and greases	317,619	343,540	361,567	375,368	388,689
Petroleum products, refined, n.o.s.	913,140	1,131,137	1,502,298	1,885,715	2,218,834

TABLE 11. Traffic Carried, 1963-67 - Continued

	1963	1964 ^f	1965 ^f	1966 ^f	1967
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Gases, other than petroleum, n.o.s.	486,062	600,758	626,523	707,913	765,184
Cottonseed oil	32,666	49,405	32,036	19,912	11,104
Linseed oil	12,158	14,838	14,759	14,548	13,790
Soybean oil	110,833	51,377	40,467	30,198	30,744
Vegetable and nut oils, n.o.s.	87,071	68,589	75,934	111,277	111,965
Oils, n.o.s.	23,408	35,302	35,250	36,384	52,856
Oil foots, sediment, and tank bottoms	19,597	5,950	6,174	5,891	6,564
Rubber, crude, natural, and synthetic	209,121	202,615	243,702	234,311	214,730
Rubber goods, n.o.s.	11,138	11,401	12,136	10,430	10,616
Chemicals, n.o.s.	1,135,773	1,708,139	1,693,580	1,784,528	2,153,367
Sulphuric acid	173,333	208,196	282,282	352,869	558,055
Acids, n.o.s.	110,449	76,094	127,692	109,956	110,614
Sodium (soda) products	1,105,284	1,271,022	1,344,094	1,417,167	1,474,821
Alcohol, n.o.s.	64,937	86,658	94,832	117,086	130,966
Blacks, n.o.s.	58,909	60,758	59,974	87,117	82,874
Fertilizers, n.o.s.	3,352,315	3,693,263	4,557,508	5,958,329	6,468,071
Insecticides and fungicides, n.o.s.	20,385	18,062	17,551	17,650	29,364
Tar, pitch, and creosote	120,286	155,681	118,055	123,436	126,395
Tanning material, n.o.s.	2,706	3,367	3,727	3,142	2,880
Paint, paint material, putty and varnish	125,824	138,401	116,765	119,083	114,262
Plastics	131,334	172,236	196,793	203,341	221,346
Cellulose articles, n.o.s.	16,907	20,121	17,044	22,179	27,090
Drugs, medicines, and toilet preparations	17,719	19,767	22,326	20,643	17,910
Aluminum: bar, ingot, pig, and slab	520,501	519,107	597,696	674,657	635,118
Aluminum, n.o.s.	115,192	106,816	118,611	133,567	116,679
Copper: ingots, and pig	513,606	344,984	520,853	514,296	574,489
Copper, brass, and bronze, n.o.s.	257,218	441,540	248,731	273,989	256,248
Lead and zinc: bar, ingot, and pig	459,294	515,850	548,761	581,252	597,552
Lead and zinc, n.o.s.	6,264	6,881	7,598	14,898	6,503
Magnesium metal and alloy	8,958	8,664	7,697	8,758	7,986
Alloys for steel manufacture	137,026	125,699	148,340	160,072	134,454
Matte	247,665	265,506	301,296	257,337	316,754
Metals and alloys, n.o.s.	115,852	102,925	134,747	128,881	96,680
Iron, pig	235,054	238,190	312,171	256,508	224,568
Iron and steel: billet, bloom, and ingot	310,151	375,121	549,178	513,416	503,404
Iron and steel: bar, rod, and slab	592,255	856,992	539,545	491,789	532,689
Iron and steel, n.o.s.	189,916	52,916	104,295	59,017	52,618
Iron and steel nails and wire (woven and not woven) n.o.s.	95,794	94,947	117,174	104,097	93,617
Manufactured iron and steel	2,467,202	3,330,204	3,380,910	3,524,093	3,097,364
Cast iron pipe and fittings	22,232	71,502	52,909	62,850	44,811
Iron and steel pipe and fittings, n.o.s.	429,705	601,161	525,373	547,792	564,881
Tanks, n.o.s.	38,799	29,838	39,991	44,577	44,480
Agricultural implements, n.o.s.	256,703	274,072	298,279	329,726	319,617
Agricultural implement parts, n.o.s.	16,011	29,455	20,169	29,825	28,757
Machinery and machines, n.o.s.	379,472	659,574	554,327	535,544	525,541
Machinery parts	126,478	163,658	182,967	209,291	206,882
Business and office machines, n.o.s.	911	1,553	1,276	2,184	570
Railway equipment moved on own wheels	71,637	87,126	134,795	90,278	73,342
Railway equipment, S.U. not moved on own wheels	5,625	4,903	5,971	13,356	7,349
Railway equipment parts	50,826	84,144	105,512	117,429	85,344
Rails and railway track material, iron and steel	199,972	176,534	171,242	207,592	175,710
Vehicles, other than motor	16,864	23,639	27,035	60,089	95,577
Automobiles, passenger	527,263	652,264	762,952	745,875	1,103,595
Automobiles, freight	78,999	116,244	151,635	212,323	316,045
Vehicles, motor, n.o.s.	121,436	119,367	111,327	121,435	139,689
Military vehicles, n.o.s.	5,622	7,065	7,261	8,956	8,847
Automobiles and autotrucks, k.d.	28,341	37,754	44,441	28,201	20,221
Vehicle parts, n.o.s.	1,508,242	1,478,022	1,804,893	2,093,671	1,852,398
Airplanes, aircraft, and parts	2,653	1,573	1,268	3,648	7,905
Tires and tubes, rubber	96,140	99,294	109,047	121,871	128,597
Guns, small arms, and parts, n.o.s.	1,294	1,008	1,092	1,327	1,283

TABLE 11. Traffic Carried, 1963-67 - Continued

	1963	1964 ^f	1965 ^f	1966 ^f	1967
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Ammunition and explosives	69,958	80,677	89,201	83,709	81,768
Cement: natural and portland	1,313,805	1,721,178	1,977,484	2,051,917	1,707,613
Cement, n.o.s.	137,221	66,704	60,743	72,202	70,532
Brick, common	23,834	88,086	98,250	87,518	73,943
Brick, n.o.s. and building tile	226,853	140,731	158,376	142,995	124,776
Refractories	249,104	276,993	270,995	334,637	299,528
Artificial stone, n.o.s.	43,936	59,448	82,076	94,335	65,281
Lime, n.o.s.	666,360	636,416	635,112	656,997	578,565
Plaster: stucco and wall	95,120	86,215	91,380	87,519	67,985
Sewer pipe and drain tile (not metal)	49,255	15,176	18,639	9,986	8,597
Broken or ground brick, blocks, crockery, and glass	17,937	33,324	16,095	16,759	12,948
Woodpulp	3,186,693	3,431,137	3,538,129	3,846,137	4,033,064
Scrap paper and rags	291,629	332,406	335,049	376,806	316,487
Newsprint paper	4,121,218	4,497,987	4,772,914	5,053,177	4,975,404
Printing paper, n.o.s.	747,906	798,921	884,514	1,032,238	859,374
Wrapping paper	187,808	199,823	208,434	237,265	239,988
Paper bags	57,123	62,629	58,342	60,130	59,431
Paper and paper articles, n.o.s.	403,813	447,220	438,197	513,435	489,271
Printed matter, n.o.s.	34,417	26,572	31,090	31,702	23,142
Paperboard, fibreboard, and pulpboard	663,429	726,708	807,894	871,119	882,086
Wallboard	336,529	352,170	353,296	335,181	331,169
Building paper and prepared roofing materials	138,795	151,099	150,802	158,143	288,634
Insulating materials, n.o.s.	101,949	113,928	113,770	116,934	122,211
Building woodwork and millwork	47,970	59,304	52,978	54,362	48,629
Building materials, n.o.s.	20,423	13,808	14,912	14,729	13,910
Buildings and houses, fabricated and portable, n.o.s.	11,539	14,712	24,498	24,513	35,111
Asbestos articles, n.o.s.	5,416	7,315	7,633	7,902	25,795
Electrical equipment and parts, n.o.s.	109,101	138,629	149,681	179,601	155,134
Furnaces, heaters, radiators, and parts	25,708	31,409	30,172	33,167	31,081
Bathroom and lavatory fixtures and sinks	18,998	18,791	17,097	12,656	12,133
Hardware, n.o.s.	14,860	23,379	25,961	27,646	28,916
Glass	78,179	102,901	98,925	93,492	87,584
Glassware, n.o.s.	41,521	48,173	44,443	49,554	44,105
Glass bottles, jars, and packing glasses, n.o.s.	129,594	142,535	118,757	112,132	93,918
Chinaware, crockery and earthenware	8,201	8,618	10,145	13,844	10,053
Woodenware	23,836	32,993	28,063	28,989	33,453
Household utensils, n.o.s.	6,306	6,617	7,182	6,613	7,725
Refrigerators, freezing apparatus, and parts	71,666	67,274	70,075	77,485	71,507
Laundry equipment	40,029	40,316	45,188	50,576	45,157
Stoves, ranges and parts	19,576	22,048	24,483	20,996	20,890
Floor covering	61,115	64,903	65,160	68,320	57,623
Furniture, n.o.s.	71,119	82,310	93,674	117,917	101,894
Furniture parts	4,362	6,382	6,023	6,117	6,141
Tools and parts, n.o.s.	3,531	4,658	3,060	2,860	2,037
Abrasives, other than crude	29,291	25,928	20,905	22,763	21,449
Bagging: burlap, cotton, gunny, and jute, n.o.s.	34,171	29,475	24,880	28,349	22,229
Bags: burlap, cotton, gunny, and jute, n.o.s.	3,637	4,887	4,918	6,186	5,135
Cotton cloth and cotton fabrics, n.o.s.	26,528	32,279	25,150	25,976	20,705
Cotton factory products	17,448	15,501	17,552	19,064	17,555
Synthetic fibre and yarns (rayon and nylon)	16,123	23,565	24,651	30,908	11,394
Cloth and fabrics, n.o.s.	13,375	13,540	11,797	11,153	10,555
Rope, cordage, and binder twine, n.o.s.	37,363	37,340	40,191	43,218	32,388
Boots, shoes, and findings, n.o.s.	9,027	10,220	8,138	9,696	6,123
Luggage and handbags, n.o.s.	1,085	80	106	362	569
Athletic, gymnasium, playground, and sporting equipment, n.o.s.	3,465	2,457	3,315	1,314	1,335
Games and toys	6,943	8,642	9,545	10,539	7,606
Liquors, alcoholic, n.o.s.	118,628	128,005	145,304	156,969	157,045
Wine	42,787	42,773	31,423	37,615	32,266
Liquors, malt	642,845	636,159	620,517	672,735	727,072
Beverages, n.o.s.	20,603	21,693	28,538	28,859	34,623

TABLE 11. Traffic Carried, 1963 - 67 - Concluded

	1963	1964 ^r	1965 ^r	1966 ^r	1967
tons (2,000 lb.)					
Manufactures and miscellaneous - Concluded:					
Ice	6,631	3,882	3,611	2,150	4,793
Syrup and molasses, refined	189,251	210,799	118,404	97,551	90,948
Molasses, residual	87,610	108,076	84,838	65,466	77,632
Sugar	610,582	604,509	608,148	622,825	629,375
Candy and confectionery	84,731	88,611	81,809	85,395	86,401
Food products, n.o.s., in cans and packages, not frozen	1,389,141	1,484,814	1,483,702	1,551,814	1,531,091
Food products, n.o.s., frozen	56,756	63,308	69,076	85,724	96,969
Starch	116,981	136,625	106,200	100,363	86,466
Soap and cleaning and washing compounds	186,280	167,051	193,126	220,853	212,393
Matches	3,732	3,800	4,375	3,422	3,329
Feed, animal and poultry, n.o.s.	1,555,022	1,618,957	1,546,327	1,340,487	1,310,450
Manufactured tobacco, n.o.s.	4,850	3,193	2,450	2,713	1,507
Cigarettes	31,332	29,610	26,219	29,928	26,120
Containers, metal	165,179	145,814	164,089	157,780	159,658
Containers, wooden	32,180	32,918	34,562	35,755	35,507
Containers, fibreboard and paperboard, k.d.	57,522	49,998	46,172	48,281	45,050
Containers, n.o.s.	47,650	63,490	68,318	81,885	72,677
Containers, returned empty	244,248	233,856	243,476	253,555	311,402
Scrap iron and scrap steel	1,413,518	1,658,930	2,189,557	1,969,130	1,623,016
Iron and steel borings, turnings, etc.	38,985	36,283	41,897	44,904	62,592
Furnace slag	167,504	255,262	454,804	273,514	218,217
Waste materials for remelting, n.o.s.	266,567	286,499	334,374	377,647	349,155
Waste materials, n.o.s.	73,434	174,219	183,987	192,595	171,551
Manufactures and miscellaneous, n.o.s.	4,899,548	5,780,369	6,313,933	5,671,885	5,185,668
Total manufactures and miscellaneous	52,062,773	58,492,621	62,928,658	65,906,866	65,997,755
Grand totals, carload traffic	170,652,197	198,899,711	205,216,111	213,651,800	209,793,643
All l.c.l. freight	1,083,429	860,001	1,231,919	965,983	681,401
Grand totals, carload and l.c.l. traffic	171,735,626	199,859,712	206,448,030	214,617,783	210,475,044

TABLE 12. Freight Cars in Service at December 31,¹ 1963 - 67

	Number	Capacity	
		Total	Average
tons (2,000 lb.)			
Automobile:			
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
1967	3,758	194,320	51,708
Ballast:			
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
1967	2,862	171,710	59,996

¹ Excludes privately owned railway cars.

TABLE 12. Freight Cars in Service at December 31¹, 1963-67 - Concluded

	Number	Capacity	
		Total	Average
		tons (2,000 lb.)	
Box:			
1963	104,593	4,956,759	47.391
1964 ^r	103,129	4,906,794	47.579
1965 ^r	105,845	5,040,478	47.621
1966 ^r	105,562	5,065,368	47.985
1967	105,121	5,058,875	48.124
Flat:			
1963	12,430	618,276	49.741
1964 ^r	12,800	654,782	51.155
1965 ^r	13,520	707,789	52.351
1966 ^r	15,002	803,559	53.563
1967	15,469	847,540	54.790
Gondola:			
1963	19,323	1,276,935	66.084
1964 ^r	19,049	1,332,795	69.966
1965 ^r	19,335	1,302,564	67.368
1966 ^r	19,997	1,379,754	68.998
1967	20,633	1,445,174	70.042
Hopper:			
1963	16,031	1,077,913	67.239
1964 ^r	16,989	1,152,060	67.812
1965 ^r	18,161	1,276,285	70.276
1966 ^r	19,787	1,444,415	72.998
1967	21,077	1,578,944	74.913
Ore:			
1963	6,337	523,902	82.674
1964 ^r	6,477	538,422	83.128
1965 ^r	6,459	542,876	84.050
1966 ^r	6,605	557,826	84.455
1967	6,742	571,906	84.827
Refrigerator:			
1963	7,806	371,512	47.593
1964	7,555	366,862	48.559
1965 ^r	7,937	394,934	49.758
1966 ^r	8,024	409,469	51.030
1967	8,030	413,419	51.484
Stock:			
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
1967	3,094	132,340	42.773
Tank:			
1963	546	27,034	49.513
1964 ^r	552	27,062	49.025
1965 ^r	524	24,942	47.599
1966 ^r	526	25,654	48.772
1967	532	26,872	50.511
Other:			
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
1967	1,452	82,270	56.660
Totals			
1963	181,719	9,526,351	52.424
1964 ^r	180,457	9,632,602	53.379
1965 ^r	182,686	9,844,363	53.887
1966 ^r	186,560	10,255,735	54.973
1967	188,770	10,523,370	55.747

¹ Excludes privately-owned railway cars.

TABLE 13. Passenger Cars in Service at December 31, 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
Self-propelled passenger train cars	98	100	113	115	115
Coach	1,054	1,037	984	987	1,346
Combination passenger	135	131	114	107	884
Colonist	50	46	41	34	33
Dining	131	137	153	152	94
Parlour	129	136	131	132	160
Sleeping	676	649	645	683	133
Baggage, express and postal	1,866	1,723	1,434	1,426	645
Other	33	35	32	33	34
Totals¹	4,172	3,994	3,647	3,669	3,444
Cars in company service:					
Caboose	2,635	2,564	2,437	2,375	2,478
All other	15,232	14,803	14,276	13,868	13,913
Totals	17,867	17,367	16,713	16,243	16,391
Cars leased (included in above)	5,298	5,255	5,223	5,238	5,317

¹ Includes Pullman Co. cars in Canadian service.

TABLE 14. Locomotives in Service at December 31, 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
number					
Locomotives					
Steam:					
Coal burning	1	1	—	—	—
Oil burning	6	—	—	—	—
Diesel electric:					
"A" units	450	420	371	327	299
"B" units	186	176	160	148	139
Road switcher units	1,994	1,998	2,007	2,020	1,995
Yard switcher units	717	704	717	722 ¹	720 ¹
Road freight units	—	—	63	110	142
Electric	31	22	22	19	19
Totals	3,385	3,321	3,340	3,346	3,311
Leased (included in above)	102	62	91	79	59
Tractive power, average pounds per locomotive	58,141	58,225	58,578	58,932	56,425

¹ Includes 15 booster units.

TABLE 15. Fuel Consumed by Motive Power at December 31, 1963 - 67

	1963	1964 ^r	1965 ^r	1966 ^r	1967
ton					
Locomotives					
Consumption:					
Bituminous coal	569	349	323	—	—
Fuel oil	10,758	—	—	—	—
Diesel oil	357,547,063	393,198,876	401,301,944	409,650,289	426,864,093
Crude oil	" 2,099,419	2,454,666	3,292,853	1,901,788	—
Gasoline	—	—	—	—	—
Cost: ¹					
Bituminous coal	\$ 6,061	3,334	3,446	—	—
Fuel oil	\$ 1,145	—	—	—	—
Diesel oil	\$ 47,640,076	52,139,464	53,582,832	54,908,089	57,263,121
Crude oil	\$ 198,851	227,191	319,987	174,737	—
Gasoline	\$ —	—	—	—	—
Average cost per ton or gal.:					
Bituminous coal	\$ 10.65	9.55	10.67	—	—
Fuel oil	\$ 10.64	—	—	—	—
Diesel oil	\$ 13.32	13.36	13.45	13.50	13.41
Crude oil	\$ 9.47	9.26	9.72	9.19	—
Gasoline	\$ —	—	—	—	—
Rail motor cars, etc.					
Consumption:					
Fuel oil	gal. 4,343,539	4,357,903	4,474,944	4,408,556	2,583,831
Diesel oil	" 30,742	30,870	34,045	30,146	37,918
Gasoline	—	—	—	—	—
Total cost ¹	\$ 593,292	587,629	617,171	607,047	373,186

¹ Do not include costs of fuel consumed by Cartier Railway.

TABLE 16. Fuel Consumed for Heating and Other Railway Purposes, 1963 - 67

		1963	1964 ^r	1965 ^r	1966 ^r	1967
Anthracite	ton	5,334	3,278	2,556	2,017	1,105
Bituminous	"	187,608	147,117	93,225	85,507	45,073
Sub-bituminous	"	12,173	8,951	10,329	5,085	1,727
Lignite	"	119,425	124,089	126,515	126,444	123,665
Fuel oil	gal.	45,002,764	48,860,620	56,548,657	61,637,829	71,318,132
Diesel oil	"	11,534,719	12,784,891	15,764,821	18,532,978	18,987,696
Gasoline	"	4,420,055	4,195,536	5,012,673	5,364,118	5,852,954
Gas	cu. ft.	1,219,892,053	1,082,397,651	1,240,801,701	1,202,266,071	1,205,638,259

TABLE 17. Rails Laid in Track, 1963 - 67

	1963	1964	1965 ^r	1966 ^r	1967
tons (2,000 lb.)					
In previously constructed track:					
New open hearth	152,692	140,049	132,449	116,868	131,837
Relay	115,924	135,260	113,608	113,719	98,718
Other	465	1,071	2,265	1,818	740
Totals	269,081	276,380	246,057	232,405	231,295
In new track and extention:					
New open hearth	1,624	308	654	21,034	16,519
Relay	23,206	28,794	39,486	44,470	35,608
Other	1,790	366	302	377	594
Totals	26,620	29,468	40,442	65,881	52,721

TABLE 18. Total Switch and Bridge Ties Placed in Track, 1963 - 67

	1963	1964	1965	1966	1967
Treated - M bd. feet	No.	10,970	10,424	12,493	11,942
Average cost	\$	127.27	129.49	139.75	153.80
Untreated - M bd. feet	No.	309	461	282	814
Average cost	\$	101.05	82.20	62.64	110.62
Totals - M bd. feet	No.	11,279	10,885	12,775	12,756
Average cost	\$	120.71	127.48	138.01	151.04

TABLE 19. Cross-ties Purchased, 1963 - 67

	1963	1964	1965	1966	1967
number					
Hardwood:					
Beech	96,920	111,452	112,339	131,109	147,585
Birch	175,904	179,679	157,039	186,323	188,369
Maple	319,925	398,893	414,479	465,762	517,283
Oak	44,094	41,292	38,244	53,973	51,031
Other hardwood	45,055	16,677	35,425	97,152	98,717
Totals	681,898	747,993	757,526	934,319	1,002,985
Softwood:					
Cedar	10,438	10,591	6,369	8,244	32,205
Fir	263,865	241,981	440,477	462,164	537,262
Hemlock	24,819	42,936	55,223	107,444	341,823
Pine	2,375,985	1,906,614	2,045,570	2,416,992	2,575,624
Tamarack	-	1,071	8,445	-	-
Other softwood	4,084	1,496	198	10,395	9,815
Totals	2,679,191	2,204,689	2,556,282	3,005,239	3,496,729

TABLE 20. Cross-ties Placed in Track, 1963 - 67

		1963	1964	1965	1966 ^r	1967
In previously constructed track:						
Treated ties	No.	3,228,567	2,857,714	2,937,644	2,658,101	2,741,632
Untreated ties	"	62,826	79,221	84,504	176,340	33,282
Totals	"	3,291,393	2,936,935	3,022,148	2,834,441	2,774,914
In new track and extensions:						
Treated ties	"	390,044	375,964	570,107	663,435	1,101,560
Untreated ties	"	13,372	72,467	114,233	138,965	243,005
Totals	"	403,416	448,431	684,340	802,400	1,344,565
Average cost:						
Treated ties	\$	2.83	2.99	3.29	3.68	3.82
Untreated ties	\$	1.77	1.74	2.00	2.64	1.95

TABLE 21. Persons Injured in Train and Non-train Accidents and Dying after Twenty-four Hours, 1963 - 67

	1963	1964	1965	1966	1967
number					
Trainmen	-	1	1	-	--
Switchtenders, watchmen, etc.	-	-	-	-	--
Stationmen	-	-	-	-	--
Shopmen	-	-	1	-	--
Trackmen	-	1	1	2	2
Telegraph employees	-	-	-	1	-
Other employees	-	-	-	-	-
Passengers	-	-	-	-	2
Postal-Express-Pullman employees	-	-	-	-	-
Trespassers	2	-	-	-	1
Other persons	7	-	-	-	5
Totals	9	2	3	3	10

TABLE 22. Time Lost by Employees through Injuries Incurred in Train and Non-train Accidents, 1963 - 67

		Class of accident	1963	1964 ^r	1965 ^r	1966 ^r	1967
Trainmen	Number	Train	596	737	801	848	802
	"	Non-train	63	94	105	87	85
			23,184	25,529	28,882	32,292	28,279
Switchtenders, watchmen, etc.	Number	Train	74	94	103	131	126
	"	Non-train	20	17	24	17	14
			3,923	3,640	4,601	5,495	5,199
Stationmen	Number	Train	8	16	3	5	4
	"	Non-train	514	581	607	772	755
			12,501	14,430	14,824	19,107	16,705
Shopmen	Number	Train	21	26	13	23	17
	"	Non-train	457	468	747	769	790
			15,722	16,576	17,521	19,648	21,244
Trackmen	Number	Train	43	52	54	63	44
	"	Non-train	680	631	640	664	679
			27,127	27,459	29,436	28,077	28,115
Telegraph employees	Number	Train	1	5	2	1	-
	"	Non-train	83	103	84	102	85
			2,296	2,516	2,080	2,617	1,790
Other employees	Number	Train	110	155	209	230	272
	"	Non-train	95	196	145	167	189
			4,746	6,463	5,460	7,622	10,117
Totals	Number	Train	853	1,085	1,185	1,301	2,008
	"	Non-train	1,912	2,090	2,352	2,578	2,597
			89,499	96,343	102,804	114,858	111,449

TABLE 23. Accidents Resulting from the Movement of Trains, 1963 - 67

Cause	1963	1964 ^r	1965 ^r	1966 ^r	1967
number					
Coupling and uncoupling	40	46	57	58	72
Collisions-Between:					
Railway rolling stock	28	29	48	54	34
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	396	379	432	416	385
At other points	57	49	66	60	64
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	2	7	8	13	14
At other points	5	9	3	12	11
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	15	17	16	26	17
At other points	81	113	108	119	110
Derailments	40	22	31	44	76
Locomotives or cars breaking down	—	9	8	4	8
Getting on or off trains	254	297	330	365	290
Falling from trains, locomotives or cars	60	72	51	83	67
Striking overhead or other obstructions	19	9	10	15	13
Other causes	530	700	787	886	896
Totals	1,527	1,758	1,955	2,155	2,057

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents – By Cause, 1963 - 67

Cause	1963	1964	1965	1966	1967
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	—
Collisions- Between:					
Railway rolling stock	1	—	5	8	6
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossing	1	—	—	—	—
At other points	2	—	—	—	1
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	—	4	—	—	1
At other points	—	—	1	—	—
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	6	10	3	4	9
Derailments	3	1	2	1	1
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	4	1	2	—	1
Falling from trains, locomotives or cars	5	1	1	2	3
Striking overhead or other obstructions	—	—	—	—	—
Other causes	1	6	5	4	1
Totals	23	23	20	20	23

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents – By Cause, 1963 - 67 – Concluded

Cause	1963	1964 ^r	1965 ^r	1966 ^r	1967
Number of persons injured					
Passengers					
Coupling and uncoupling	—	—	—	—	—
Collisions – Between:					
Railway rolling stock	4	1	21	4	46
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	—	20	4	—	1
At other points	—	—	—	—	—
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	—	—	—	—	—
At other points	—	—	—	—	—
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	1	—	—	—	—
At other points	—	—	—	—	1
Derailments	43	3	112	13	10
Locomotives or cars breaking down	—	—	—	—	—
Getting on or off trains	28	40	43	42	41
Falling from trains, locomotives or cars	2	2	1	6	6
Striking overhead or other obstructions	1	—	—	—	—
Other causes	78	72	92	150	104
Totals	157	138	273	215	209
Employees					
Coupling and uncoupling	40	45	56	56	58
Collisions – Between:					
Railway rolling stock	32	34	50	37	69
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	7	9	10	6	4
At other points	—	2	2	1	2
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	2	7	7	8	11
At other points	5	13	5	12	8
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	—	—	—	—	—
At other points	13	15	18	15	17
Derailments	39	15	31	30	12
Locomotives or cars breaking down	—	9	8	8	8
Getting on or off trains	203	244	267	315	239
Falling from trains, locomotives or cars	39	57	41	64	51
Striking overhead or other obstructions	15	9	9	13	13
Other causes	458	626	681	742	773
Totals	853	1,085	1,185	1,307	1,265

TABLE 25. Persons Killed and Injured in Train Accidents – By Class of Victim, 1963 - 67

Class of person	1963	1964	1965	1966	1967
Number of persons killed					
Employees:					
Trainmen	15	7	9	11	11
Switchtenders, watchmen, etc.	—	—	1	1	2
Stationmen	—	2	1	—	—
Shopmen	2	1	3	1	1
Trackmen	5	11	6	7	9
Telegraph employees	—	—	—	—	—
Other employees	1	2	—	—	—
Total employees	23	23	20	20	23
Passengers	2	8	2	4	—
Postal – Express – Pullman employees	—	—	—	1	—
Trespassers	43	61	50	75	56
Other persons	158	159	157	205	192
Grand totals	226	251	229	305	271
Suicides	7	5	6	4	6

TABLE 25. Persons Killed and Injured in Train Accidents – By Class of Victim, 1963 - 67 – Concluded

Class of person	1963	1964 ^r	1965 ^r	1966 ^r	1967
Number of persons injured ¹					
Employees:					
Trainmen	596	737	801	848	802
Switchtenders, watchmen, etc.	74	94	103	131	126
Stationmen	8	16	3	5	4
Shopmen	21	26	13	23	17
Trackmen	43	52	54	63	44
Telegraph employees	1	5	2	1	—
Other employees	110	155	209	230	272
Total employees	853	1,085	1,185	1,301	1,265
Passengers	157	138	273	216	209
Postal – Express – Pullman employees	15	18	14	4	19
Trespassers	45	42	53	47	54
Other persons	517	493	557	540	461
Grand totals	1,587	1,776	2,082	2,108	2,008
Attempted suicides	—	—	—	—	4

¹ See page 24 for time lost through injuries.

TABLE 26. Persons Killed and Injured in Non-train Accidents – By Cause, 1963 - 67

Cause	1963	1964 ^r	1965 ^r	1966 ^r	1967
Number of persons killed					
Handling traffic	2	—	—	—	—
Handling machinery, tools, etc.	3	—	3	2	1
Getting on or off locomotives and cars at rest	1	1	—	—	—
Other causes	5	11	13	6	10
Totals	11	12	16	8	11
Number of persons injured ¹					
Handling traffic	250	278	312	467	162
Handling machinery, tools, etc.	535	483	673	635	467
Getting on or off locomotives and cars at rest	51	60	87	99	82
Other causes	1,170	1,417	1,390	1,487	695
Totals	2,006	2,239	2,462	2,688	1,406

¹ See page 24 for time lost through injuries.

TABLE 27. Persons Killed and Injured in Non-train Accidents – By Class of Victim, 1963 - 67

Class of person	1963	1964	1965	1966	1967
Number of persons killed					
Employees:					
Trainmen	—	—	—	—	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	2	3	—	—	—
Shopmen	1	2	2	1	1
Trackmen	4	4	6	3	7
Telegraph employees	—	1	7	—	1
Other	3	—	—	2	1
Totals	10	10	15	6	10
Passengers	—	—	—	—	—
Postal – Express – Pullman employees	1	—	—	—	—
Trespassers	—	1	1	2	1
Other persons	—	1	—	—	—
Grand totals	11	12	16	8	11
Suicides	—	—	—	—	—

TABLE 27. Persons Killed and Injured in Non-train Accidents – By Class of Victim, 1963 - 67 – Concluded

Class of person	1963	1964 ^r	1965 ^r	1966 ^r	1967
Number of persons injured ¹					
Employees:					
Trainmen	63	94	105	87	85
Switchtenders, watchmen, etc.	20	17	24	17	14
Stationmen	514	581	607	772	755
Shopmen	457	468	747	769	790
Trackmen	680	631	640	664	679
Telegraph employees	83	103	84	102	85
Other	95	196	145	167	189
Totals	1,912	2,090	2,352	2,578	2,597
Passengers	55	72	57	39	95
Postal – Express – Pullman employees	18	31	29	18	24
Trespassers	7	9	8	12	1
Other persons	14	37	36	41	33
Grand totals	2,006	2,239	2,482	2,688	2,750
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, 1963 - 67

	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:										
1963	–	–	4	–	–	–	–	–	4	–
1964	–	–	1	–	1	1	–	–	2	1
1965	–	–	–	–	4	–	2	–	6	–
1966	–	–	8	–	23	2	–	–	31	2
1967	–	–	3	–	2	–	–	–	5	–
Protected by automatic signals:										
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
1967	–	–	2	1	23	10	–	–	25	11
Protected by watchmen:										
1963	–	–	–	–	–	1	–	–	–	1
1964	–	–	–	–	–	–	–	–	–	–
1965	–	–	–	–	–	2	–	–	–	2
1966	–	–	–	–	–	–	–	–	–	–
1967	–	–	–	–	1	–	–	–	1	–
Otherwise protected:										
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
1967	1	–	3	–	50	65	1	–	55	65
Totals:										
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
1967	1	–	8	1	76	75	1	–	86	76

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, 1963 - 67 - 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:										
1963	-	-	1	-	3	2	-	-	4	2
1964	-	1	2	-	6	-	1	-	9	1
1965	-	-	2	-	10	-	-	-	12	-
1966	-	-	4	-	32	1	-	-	36	1
1967	-	-	1	-	16	-	-	-	17	-
Protected by automatic signals:										
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
1967	5	5	4	-	106	14	-	-	115	19
Protected by watchmen:										
1963	-	-	1	-	13	-	-	-	14	-
1964	1	-	-	-	14	1	-	-	15	1
1965	-	-	1	-	16	-	-	-	17	-
1966	-	-	-	-	11	1	-	-	11	1
1967	1	-	1	-	11	-	-	-	13	-
Otherwise protected:										
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
1967	2	3	2	-	165	86	2	1	171	90
Totals:										
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
1967	8	8	8	-	298	100	2	1	316	109

TABLE 29. Highway Crossings at December 31, 1963 - 67

No.		Protected by						
		Gates		Bridges		Subways		
		Urban	Rural	Urban	Rural	Urban	Rural	
number								
Newfoundland:								
1	1963	—	—	1	8	1	1	
2	1964	—	—	1	8	1	2	
3	1965	—	—	1	16	1	2	
4	1966	—	—	1	17	1	2	
5	1967	—	—	3	20	1	2	
Prince Edward Island:								
6	1963	—	—	1	—	—	5	
7	1964	—	—	1	—	—	5	
8	1965	—	—	1	—	—	4	
9	1966	—	—	1	—	—	4	
10	1967	—	—	1	—	—	4	
Nova Scotia:								
11	1963	3	2	23	20	12	32	
12	1964	2	2	23	20	12	32	
13	1965	2	2	23	20	12	32	
14	1966	3	5	23	20	12	32	
15	1967	6	5	26	22	10	33	
New Brunswick:								
16	1963	7	1	10	35	13	35	
17	1964	7	1	10	37	13	35	
18	1965	6	1	10	37	13	34	
19	1966	7	1	10	36	13	34	
20	1967	8	1	11	39	14	32	
Quebec:								
21	1963	57	18	62	55	185	78	
22	1964 ^t	57	17	64	61	197	79	
23	1965 ^t	58	19	76	66	210	73	
24	1966 ^t	54	20	102	70	212	73	
25	1967	61	31	108	69	212	76	
Ontario:								
26	1963	157	98	230	246	331	195	
27	1964	179	107	235	254	336	197	
28	1965	218	113	259	261	369	195	
29	1966	225	115	256	259	382	193	
30	1967	249	151	282	266	385	189	
Manitoba:								
31	1963	30	15	9	11	40	11	
32	1964	26	11	8	11	34	10	
33	1965	28	8	10	10	35	12	
34	1966	30	12	10	10	35	11	
35	1967	36	16	12	10	35	8	
Saskatchewan:								
36	1963	2	3	8	21	20	40	
37	1964	3	3	8	21	21	40	
38	1965	5	3	8	21	21	40	
39	1966	5	3	8	23	21	40	
40	1967	5	3	10	27	21	39	
Alberta:								
41	1963	16	1	10	43	35	47	
42	1964	21	1	11	44	35	47	
43	1965	23	1	12	46	38	47	
44	1966	23	1	12	48	38	50	
45	1967	26	1	15	51	38	54	
British Columbia:								
46	1963	10	10	62	77	15	65	
47	1964	12	9	64	84	17	60	
48	1965	12	10	65	89	17	59	
49	1966	11	4	65	93	17	61	
50	1967	12	4	66	91	17	61	
Total - Canada:								
51	1963	282	148	416	516	652	509	
52	1964 ^t	307	151	425	540	666	507	
53	1965 ^t	352	157	465	566	716	498	
54	1966 ^t	358	161	488	576	731	500	
55	1967	403	212	534	595	733	498	
United States:								
56	1963	2	1	3	7	9	11	
57	1964	2	1	3	7	9	11	
58	1965	2	1	4	7	8	11	
59	1966	2	1	4	7	8	11	
60	1967	2	1	4	7	8	11	

TABLE 29. Highway Crossings at December 31, 1963 - 67

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	—	—	62	218	67	234	301	1
9	9	—	—	56	215	67	234	301	2
12	12	—	—	52	208	66	238	304	3
13	12	—	—	50	209	65	240	305	4
15	13	—	—	49	213	68	248	316	5
7	21	1	—	37	199	46	225	271	6
8	23	1	—	36	197	46	225	271	7
8	24	1	—	36	197	46	225	271	8
8	26	1	—	36	195	46	225	271	9
8	31	—	—	42	188	51	223	274	10
69	208	5	1	207	494	319	757	1,076	11
72	226	5	1	205	476	319	757	1,076	12
72	250	5	1	203	455	317	760	1,077	13
74	279	5	1	202	424	319	761	1,080	14
83	281	4	—	190	376	319	717	1,036	15
46	150	—	—	135	551	211	772	983	16
51	154	—	—	130	524	211	751	962	17
55	167	—	—	128	494	212	733	945	18
59	179	—	—	122	461	211	711	922	19
68	200	—	—	130	482	231	754	985	20
272	422	1	—	660	1,645	1,237	2,218	3,455	21
291	468	1	—	662	1,585	1,272	2,210	3,482	22
317	509	1	—	645	1,516	1,307	2,183	3,490	23
341	545	1	—	645	1,472	1,355	2,180	3,535	24
372	628	1	—	608	1,396	1,362	2,200	3,562	25
614	640	12	1	1,880	4,157	3,224	5,337	8,561	26
645	694	11	—	1,935	4,113	3,341	5,365	8,706	27
725	702	9	—	2,044	3,895	3,624	5,166	8,790	28
722	745	9	—	2,005	3,763	3,599	5,075	8,674	29
774	772	29	6	1,993	3,570	3,712	4,954	8,666	30
68	78	4	—	626	3,447	777	3,562	4,339	31
61	84	—	—	520	3,575	649	3,691	4,340	32
70	102	—	—	501	3,536	644	3,668	4,312	33
83	114	—	—	515	3,505	673	3,652	4,325	34
91	164	—	—	480	3,307	654	3,505	4,159	35
67	60	—	1	401	7,451	498	7,576	8,074	36
80	70	—	1	394	7,441	506	7,576	8,082	37
86	81	—	1	389	7,440	509	7,586	8,095	38
96	89	—	—	405	7,413	535	7,568	8,103	39
102	94	—	—	410	7,435	548	7,598	8,146	40
85	132	—	—	366	3,765	512	3,988	4,500	41
86	142	—	—	369	3,760	522	3,994	4,516	42
96	158	—	—	417	3,730	586	3,982	4,568	43
104	155	—	—	404	3,720	581	3,974	4,555	44
120	176	—	—	433	3,728	632	4,010	4,642	45
67	83	2	—	683	859	839	1,094	1,933	46
71	86	4	—	694	844	862	1,083	1,945	47
74	111	3	—	714	842	885	1,111	1,996	48
77	129	3	—	697	825	870	1,112	1,982	49
89	139	3	—	705	807	892	1,102	1,994	50
1,298	1,801	25	3	5,057	22,786	7,730	25,763	33,493	51
1,374	1,956	22	2	5,001	22,730	7,795	25,886	33,681	52
1,515	2,116	19	2	5,129	22,313	8,196	25,652	33,848	53
1,577	2,272	19	1	5,081	21,976	8,254	25,486	33,740	54
1,722	2,498	37	6	5,040	21,502	8,469	25,311	33,780	55
11	20	6	1	21	102	52	142	194	56
13	20	5	1	21	101	53	141	194	57
13	20	5	1	21	101	53	141	194	58
13	20	5	1	21	101	53	141	194	59
13	21	—	—	21	108	48	148	196	60

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