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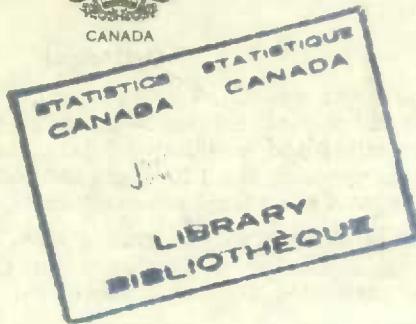
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RAILWAY TRANSPORT

1965

PART I

(Comparative Summary Statistics 1961-1965)

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Periodical		
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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 and Public Utilities Section of the Governments and Transportation 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

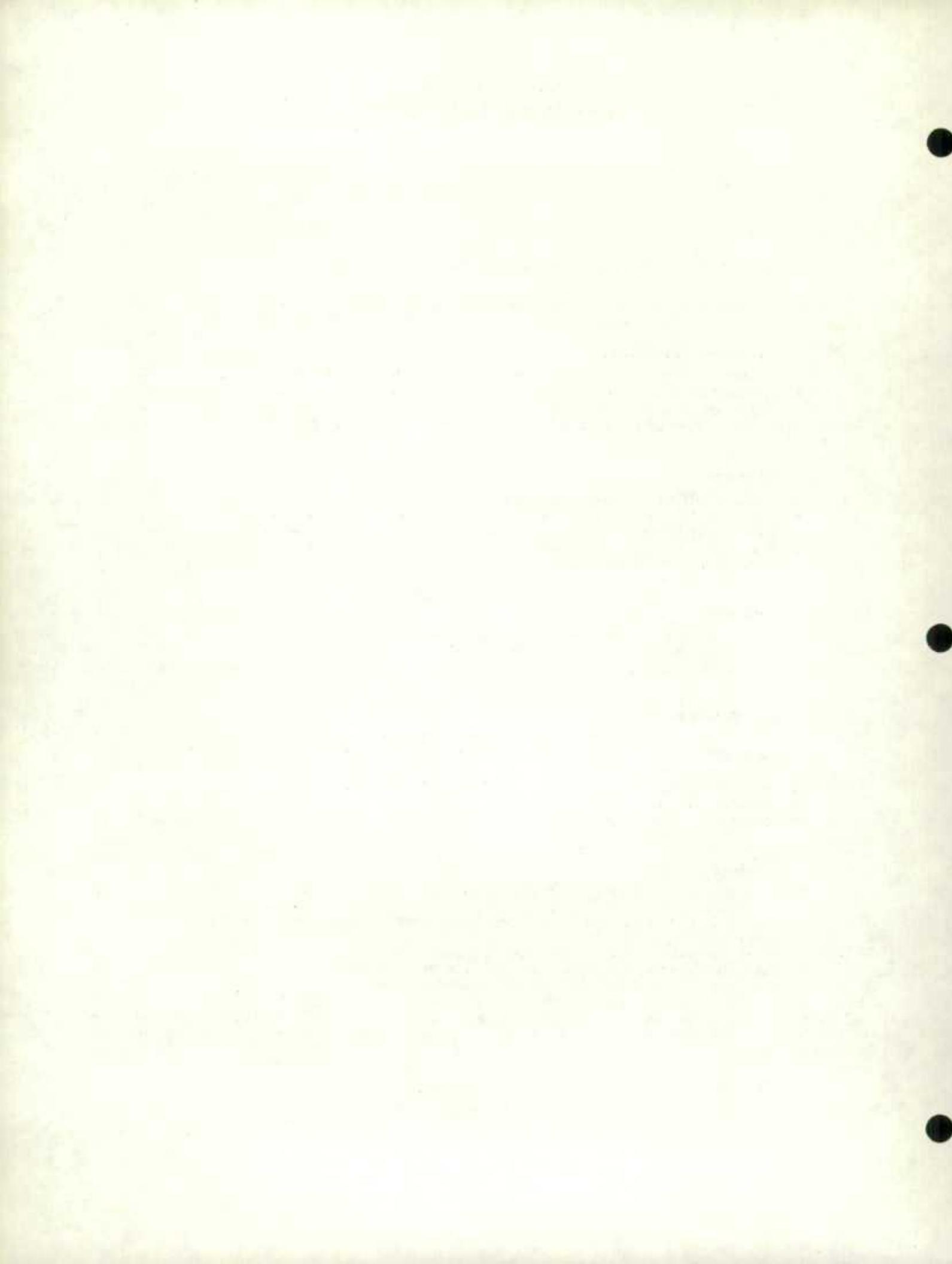
k.d. — Knocked down.
l.c.l. — Less than carload.
n.o.s. — Not otherwise specified.

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

1965

PART I

(Comparative Summary Statistics 1961-1965)

Presented in this report is a five-year summary of common carrier railway operations in Canada covering the period 1961-65 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 work done by that railway have also been excluded from these totals.

Statistics of the Wabush Lake Railway and the Arnaud Railway are included in this series in 1965 for the first time, while those of the Greater Winnipeg have been dropped.

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 43,157 at the close of 1965, down 532 miles from 1961. The total route mileage of all tracks operated by these rail lines, including main track, industrial track and sidings, aggregated 58,202, down 580 miles over the five-year period.

Investments, Capital and Reserves

The net investment in road and equipment property during 1965 rose 41.1 per cent to \$151 million, increasing cumulative investments to \$7,285 million. The rate of growth of investments in road and equipment property increased in each of the five years. The 1965 figure was 2.1 per cent greater than that of 1964 and 6.7 per cent above 1961.

During 1965 the capital stock of railways rose 0.7 per cent to \$5,031 million. Funded debt guaranteed by the Federal Government declined \$1,750 thousand, while that guaranteed by Provincial Governments dropped \$853 thousand. Reserves, other liabilities and deferred credits increased by about \$103 million to \$2.4 billion in 1965. Amounts set aside for depreciation, which accounted for 90 per cent of total reserves, increased by \$245 million.

Financial Summary

The gross income of railways has continued to improve over recent years but the 1965 figure remained below that of either 1955 or 1956.

Railway operating revenues at \$1,372 million were an all time high in 1965, up 3.6 per cent over the previous peak year of 1964 and 5.5 per cent above those of 1956. Operating expenses, including rents and taxes have also increased over the years. The \$1,292 million recorded in 1965 was up 4.1 per cent over 1964 and 10.3 per cent over the 1956 total.

Freight revenues in 1965 were the highest recorded in railway history, amounting to \$1,211 million, up 3.5 per cent from the previous year total and 19.5 per cent above those reported in 1961. Passenger receipts increased \$2.0 million to \$65.7 million in 1965 over 1964 and were \$4.5 million above the 1961 total.

In the principal groups of operating expenses, transportation costs during 1965 were \$25.5 million above those of 1964; equipment maintenance rose \$7.7 million; and road maintenance expenses increased \$2.1 million. In relation to 1961, transportation and equipment maintenance costs were \$70.0 million and \$35.5 million higher, respectively.

Traffic

Tons of revenue freight transported by rail in Canada (including freight interchanged between domestic railways) increased to 226.5 million tons during 1965, up 15.5 million tons over 1964 and 52.0 million tons over 1961. Revenue ton-miles (a practical measure of the volume of freight service performed) aggregated 87.2 billion, an increase of 2.1 billion over 1964 and 21.4 billion over 1961. The average length of haul was 443 miles in 1965, down from 448 miles in 1964 but up 13 miles from 1961.

Passenger traffic continued to increase through 1965. The number of persons carried by rail rose 7.4 per cent to 24,615,980 in 1965 over 1964 and 31.4 per cent above the number carried in 1961.

Equipment

The number of freight-carrying cars in service at the close of 1965 (excluding privately owned units) totalled 182,090, up 2,236 units from 1964, but down 4,297 units from 1961. The average capacity of cars increased to 53.8 tons in 1965 from 53.3 tons in 1964 and up from 51.6 tons in 1961.

Passenger cars have continued to decline over the five-year period, dropping from 4,737 in 1961 to 3,638 in 1965.

The number of locomotives in service at the close of 1965 totalled 3,323, up 19 units from 1964 but down 224 units from 1961. The last remaining coal burning steam locomotive in common carrier rail service was retired during 1965. Diesel locomotives increased 20 units to 3,301 with the addition of 63 road freight diesels being reported for the first time. 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 1965 amounted to 398.4 million gallons, an increase of 8.2 million gallons over 1964 and 60.7 million above 1961.

The consumption of crude oil, which first appeared as a locomotive fuel in 1961, showed a further increase to 3,292,833 gallons from 2,454,880 in 1964.

Accidents

A total of 229 persons were killed and 2,077 injured in train accidents during 1965. This compares with 251 killed and 1,769 injured in 1964 and 228 killed and 1,451 injured in 1961. Of the 1965 total, 148 employees, passengers and pedestrians were killed and 459 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 2,432 in 1965 and resulted in 2,442 injuries and 16 deaths. Non-train accidents were not previously reported.

A total of 102,804 days were lost by employees through injuries in train and non-train accidents in 1965 compared with 96,343 days in 1964 and 89,197 days in 1961.

Highway crossings

Highway crossings in Canada at the close of 1965 totalled 33,836 as against 33,669 in the previous year and 33,149 in 1961.

August 25, 1966.

TABLE 1. Mileage Operated by Area at December 31,¹ 1961-65

	1961	1962	1963	1964	1965
number					
First main track:					
Newfoundland	933	935	934	934	936
Prince Edward Island	279	279	279	279	279
Nova Scotia	1,298	1,270	1,315	1,314	1,314
New Brunswick	1,783	1,782	1,772	1,760	1,730
Quebec	5,224	5,348	5,361	5,163	5,238
Ontario	10,188	10,137	10,116	10,073	9,950
Manitoba	4,954	4,898	4,860	4,858	4,735
Saskatchewan	8,606	8,588	8,577	8,566	8,522
Alberta	5,689	5,683	5,683	5,682	5,723
British Columbia	4,338	4,337	4,329	4,329	4,333
Yukon	58	58	58	58	58
In United States	339	339	339	339	339
Totals	43,689	43,654	43,623	43,355	43,157
Second main track	2,150	2,081	2,016	2,010	2,004
Other main track	48	48	56	56	56
Industrial track	1,262	1,266	1,265	1,281	1,309
Yard track and sidings	11,633	11,710	11,551	11,541	11,676
Totals, all tracks	58,782	58,759	58,511	58,243	58,202
Gauge of first track:					
4 ft. 8½ inches	42,870	42,835	42,806	42,538	42,340
3 ft. 6 inches	729	729	727	727	727
3 ft.	90	90	90	90	90
First main track owned but not operated	21	21	19	19	14

¹ Excludes line operated under trackage rights.TABLE 2. First Main Track Mileage by Area at December 31,¹ 1961-65

	1961	1962	1963	1964	1965
number					
Newfoundland	933.20	935.40	934.20	934.20	935.70
Increase over previous year	D 1.00	D 2.20	D 1.20	—	1.50
Prince Edward Island	278.60	278.60	278.60	278.60	278.60
Increase over previous year	D 5.90	—	—	—	—
Nova Scotia	1,298.00	1,270.40	1,314.80	I, 314.50	1,314.50
Increase over previous year	D 18.30	D 27.60	D 44.40	D 0.30	—
New Brunswick	1,782.60	1,782.40	1,771.50	1,759.60	I, 729.70
Increase over previous year	D 0.10	D 0.20	D 10.90	D 11.90	29.90
Quebec	5,223.80	5,347.80	5,360.80	5,163.80	5,237.80
Increase over previous year	D 3.70	D 124.00	D 13.00	D 197.00	74.00
Ontario	10,188.50	10,136.80	10,116.50	10,073.00	9,949.90
Increase over previous year	D 56.70	D 51.70	D 20.30	D 43.50	D 123.10
Manitoba	4,953.70	4,897.50	4,860.30	4,858.00	4,735.30
Increase over previous year	D 102.20	D 56.20	D 37.20	D 2.30	D 122.70
Saskatchewan	8,606.50	8,587.90	8,576.90	8,565.70	8,521.90
Increase over previous year	D 114.50	D 18.60	D 11.00	D 11.20	D 43.80
Alberta	5,688.90	5,683.00	5,682.60	5,681.90	5,723.50
Increase over previous year	D 10.30	D 5.90	D 0.40	D 0.70	D 41.60
British Columbia	4,337.90	4,337.30	4,329.40	4,329.00	4,332.70
Increase over previous year	D 48.30	D 0.60	D 7.90	D 0.40	D 3.70
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	D 0.20	—	—	—	—
Totals	43,688.80	43,654.20	43,622.70	43,355.40	43,156.70
Increase over previous year	D 340.20	D 34.60	D 31.50	D 267.30	D 198.70

¹ Excludes line operated under trackage rights.

D—Decrease.

TABLE 3. Investments in Road and Equipment Property at December 31, 1961-65

	1961	1962	1963	1964	1965
dollars					
Investment changes during the year:					
Road	72,244,687	70,674,769	125,463,519	74,388,731	84,097,911
Equipment	Cr. 30,683,878	7,258,657	Cr. 16,753,029	40,086,021	100,984,284
General	3,152,244	Cr. 243,729	84,786	45,989	325,546
Undistributed (see below)	40,971,544	12,905,861	Cr. 2,626,787	Cr. 7,538,650	Cr. 34,491,325
Totals	85,684,597	90,595,558	106,168,489	106,982,091	150,916,416
Total investments to December 31	6,830,390,939	6,920,986,497	7,027,154,986	7,134,137,077	7,285,053,493
Undistributed:					
Non-rail property:					
Canadian National Railways	15,506,157	10,513,908	3,771,974	7,219,816	4,768,492
Canadian Pacific Railway Company	25,492,752	2,581,950	Cr. 8,845,548	Cr. 17,639,710	Cr. 43,265,763
Other railways	Cr. 27,365	Cr. 189,997	2,446,787	2,881,244	4,005,946
Totals	40,971,544	12,905,861	Cr. 2,626,787	Cr. 7,538,650	Cr. 34,491,325

TABLE 4. Railway Capital at December 31, 1961-65

	1961	1962	1963	1964	1965
dollars					
Stock					
Stock	2,455,989,031	2,476,603,604	2,498,496,085	2,522,599,327	2,550,570,047
Debenture stock	292,548,888	292,548,888	292,548,888	292,548,888	292,548,888
Funded debt	2,234,316,735	2,245,189,028	2,183,556,139	2,181,454,852	2,187,613,273
Totals	4,982,854,654	5,014,341,520	4,974,601,112	4,996,603,067	5,030,732,208

TABLE 5. Funded Debt Guaranteed at December 31, 1965

Name of railway	Guaranteed by		Total outstanding
	Government of Canada	Provincial Governments	
dollars			
Canada and Gulf Terminal Railway	—	165,000	165,000
Canadian National Railways	1,366,061,500	—	1,366,061,500
Ontario Northland Railway	—	17,460,000	17,460,000
Pacific Great Eastern Railway	—	138,345,300	138,345,300
Totals	1,366,061,500	155,970,300	1,522,031,800

TABLE 6. Reserves, Other Liabilities and Deferred Credits at December 31,¹ 1961-65

	1961	1962	1963	1964	1965
dollars					
Depreciation reserves:					
Road and equipment	1,672,107,680	1,757,446,877	1,854,633,351	1,967,053,781	2,075,083,391
Other properties	106,866,009	115,579,571	117,775,854	122,147,269	105,329,364
Other reserves:					
Pension and welfare	8,485,589	8,949,614	9,326,168	9,556,659	10,561,086
Insurance	29,424,374	29,921,365	32,764,547	32,723,762	32,932,163
Equalization	89,139	77,840	90,506	87,269	110,000
Other liabilities and deferred credits:					
Interest in default	—	—	—	—	—
Other deferred liabilities	17,615,227	16,305,074	19,885,856	19,257,349	23,277,188
Tax equalization reserve	100,398,259	114,208,416	123,695,202	116,500,587	123,854,792
Premium on funded debt	—	—	—	—	—
Other unadjusted credits	39,777,533	41,272,505	42,568,666	39,614,638	45,346,924
Reserve for investments	18,243,786	19,035,935	19,517,083	15,354,687	8,753,969
Totals	1,993,007,596	2,102,797,197	2,220,257,233	2,322,296,001	2,425,248,877

¹ Includes United States lines of Canadian National and Canadian Pacific Railways.TABLE 7. Income and Retained Income Accounts at December 31,¹ 1961-65

	1961	1962	1963	1964	1965
dollars					
Income account					
Railway operating revenues	1,156,480,700	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959
Railway operating expenses ²	1,053,229,206	1,061,569,880	1,083,078,444	1,161,645,916	1,206,249,259
Net railway operating revenues	103,251,494	103,726,842	127,131,355	162,776,576	166,055,700
Tax accruals	61,203,319	58,092,192	66,452,082	79,612,739	85,591,699
Railway operating income	42,048,175	45,634,650	60,679,273	83,163,837	80,464,001
Other income:					
Rail and non-rail ³	16,198,145	37,012,102	43,796,235	47,846,006	61,665,873
Gross income	58,246,320	82,646,752	104,475,508	131,009,843	142,129,874
Deductions:					
Other rents	390,734	389,082	395,613	494,983	385,478
Separately operated properties—Loss	—	—	1,659	—	—
Income transferred to other companies	—	1,990	527,107	200,422	—
Other income charges	325,072	962,444	501,746	601,336	1,007,792
Provision for income tax—Other	1,732,021	3,781,827	3,320,551	1,046,571	3,278,385
Fixed charges⁴	85,529,106	85,502,922	87,202,622	86,879,430	87,099,180
Totals	87,976,933	90,638,265	91,949,298	89,222,742	91,770,835
Net income	Dr. 29,730,613	Dr. 7,991,513	12,526,210	41,787,101	50,359,039
Retained income					
Dividend appropriations	34,320,011	33,999,592	46,128,473	73,656,277	62,577,682
Other appropriations and misc. debits	2,352,590	3,629,414	9,651,197	6,300,101	10,801,282
Total debits	36,672,601	37,629,006	55,779,670	79,956,378	73,378,964
Total credits	80,983,846	59,009,671	76,074,675	117,814,275	40,754,296
Balance to general balance sheet	Cr. 14,580,632	Cr. 13,389,152	32,821,215	79,644,998	17,734,371

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, 1961-65

	1961	1962	1963	1964	1965
dollars					
Operating revenues:					
Railway line:					
Freight	1,012,969,006	1,019,548,627	1,067,288,649	1,169,534,379	1,210,728,459
Passenger	61,229,591	60,616,581	59,540,654	63,738,236	65,731,661
Baggage	275,504	269,608	187,377	203,395	239,818
Sleeping, parlour and chair car	8,587,575	8,841,354	8,381,417	8,857,891	10,602,845
Mail	16,905,032	16,333,763	15,947,761	16,191,214	15,720,803
Express	16,121,148	17,568,697	14,796,200	14,929,866	15,416,590
Other passenger train	24,537	17,533	22,510	19,310	19,566
Milk	167,383	119,624	130,150	107,486	89,184
Switching	7,135,785	7,604,645	7,088,936	8,013,367	8,849,052
Water transfers - Freight	1,626,927	1,630,032	1,802,681	1,762,588	1,961,802
Passenger	186,100	213,399	222,669	262,088	281,195
Totals	1,125,228,588	1,132,763,863	1,175,409,084	1,283,619,820	1,329,640,975
Incidental:					
Dining and buffet car	6,120,676	7,190,275	7,618,651	11,133,813	11,521,401
News service and restaurant	3,235,191	3,326,077	3,472,058	3,800,182	3,462,376
Station, train, etc., privileges	586,740	531,158	583,727	627,579	712,053
Storage - Parcels and baggage	77,865	86,225	63,075	66,113	61,647
Freight	416,892	338,226	313,713	232,246	198,622
Demurrage	3,169,844	3,363,408	3,601,550	4,128,253	5,722,818
Grain elevators	1,730,377	1,288,843	1,892,934	1,191,485	1,315,551
Wharves	2,077,067	1,701,894	1,712,778	2,777,605	2,320,059
Rents of buildings, etc.	3,803,741	3,701,518	4,061,927	4,362,727	4,905,241
Other	10,051,031	11,081,594	11,535,667	12,474,314	12,446,364
Totals	31,239,424	32,609,218	34,856,080	40,794,317	42,666,130
Joint facilities, Cr. balance	12,688	Dr. 76,359	Dr. 55,285	8,355	Dr. 2,146
Total railway operating revenues	1,156,480,700	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959
Operating expenses:					
Road maintenance	243,445,087	239,680,724	242,919,240	248,974,985	251,148,902
Equipment maintenance	249,354,157	250,173,628	259,696,627	277,232,760	284,925,349
Traffic	29,027,607	29,022,709	30,607,450	32,401,923	34,428,822
Transportation - Railway line	423,367,291	424,859,293	427,697,154	467,893,539	493,401,399
Miscellaneous operations	13,585,042	13,476,328	14,687,066	19,444,057	20,383,563
General expenses	94,960,331	101,758,052	105,810,868	110,369,441	117,916,989
Totals	1,053,749,515	1,058,970,734	1,081,418,405	1,156,316,705	1,202,205,024
Equipment rents - Dr.	Cr. 1,236,788	1,704,868	594,322	4,826,449	2,601,811
Joint facility rents - Dr.	716,479	894,278	1,065,717	502,762	1,442,424
Railway tax accruals	61,203,319	58,092,192	66,452,082	79,612,739	85,591,699
Total railway operating expenses	1,114,432,525	1,119,662,072	1,149,538,526	1,241,258,655	1,291,840,958

TABLE 9. Operating Statistics, 1961-65

	1961	1962	1963	1964	1965
Average first main track mileage					
44,936 44,815 44,738 44,359 44,372					
Locomotive miles:					
Steam:					
Freight	31,677	—	—	—	—
Passenger	303	—	—	—	—
Train switching	—	—	—	—	—
Yard switching	172,003	—	—	—	—
Total transportation service	203,983	—	—	—	—
Work train service	2,225	—	—	—	—
Diesel:					
Freight	61,362,516	61,311,000	63,871,156	68,025,256	69,177,464
Passenger	23,161,665	23,752,530	22,813,495	23,782,150	24,419,577
Train switching	3,332,998	3,314,788	3,261,339	3,507,194	3,660,398
Yard switching	25,073,403	24,873,129	24,939,560	25,733,828	26,060,189
Total transportation service	114,930,582	113,251,447	114,885,550	121,048,428	123,317,628
Work train service	1,231,632	—	—	—	—

¹ Discontinued 1962. Detail not considered statistically useful.

TABLE 9. Operating Statistics, 1961-65 - Continued

	1961	1962	1963	1964	1965
Locomotive miles - Concluded:					
Other:					
Freight	102,738	23,487	15,792	11,895	11,702
Passenger	188,773	251,197	270,225	279,028	285,843
Train switching	64,116	11,665	11,328	11,161	12,103
Yard switching	62,847	65,970	57,264	27,255	11,702
Total transportation service	418,474	352,319	354,609	329,339	321,350
Total:					
Freight	61,496,931	61,334,487	63,886,948	68,037,151	69,189,166
Passenger	25,350,741	24,003,727	23,083,720	24,061,178	24,705,420
Train switching	3,397,114	3,326,453	3,272,667	3,518,355	3,672,501
Yard switching	25,308,253	24,939,099	24,996,824	25,761,083	26,071,891
Grand total transportation service	115,553,039	113,603,766	115,240,159	121,377,767	123,638,978
Grand total work train service	2,233,913	1	1	1	1
Train miles:					
Freight - Drawn by locomotive	60,592,587	60,307,977	62,639,073	66,784,772	67,961,107
Passenger - Drawn by locomotive	25,017,043	23,369,055	22,426,461	23,356,785	23,996,599
Drawn by self-propelled car	6,113,625	5,848,198	5,813,023	5,273,905	5,400,115
Totals	31,130,668	29,217,253	28,239,484	28,630,690	29,396,714
Total transportation service	91,723,255	89,525,230	90,878,557	95,415,462	97,357,821
Work train service	2,003,554	2,085,116	2,309,955	1,919,893	1,839,224
Freight car miles - Transportation service:					
In freight trains:					
Freight loaded	1,996,837,285	2,003,297,777	2,103,242,993	2,276,917,484	2,296,653,039
Freight empty	1,176,025,443	1,190,733,466	1,297,171,950	1,422,743,681	1,440,333,587
Caboose	61,722,930	62,143,573	64,660,810	69,025,365	70,334,139
Totals	3,234,585,658	3,256,174,816	3,465,075,753	3,768,686,530	3,807,320,765
In passenger trains - Transportation service	6,426,964	6,084,469	7,351,545	13,702,507	15,353,415
Total transportation service	3,241,012,622	3,262,259,285	3,472,427,298	3,782,389,037	3,822,674,180
Work train service	10,332,405	8,633,201	10,366,143	7,477,104	8,711,671
Passenger car miles - Transportation service:					
In passenger trains:					
Locomotive drawn:					
Self-propelled car	100,849	63,557	118,680	393,740	359,441
Coach (including colonist)	63,329,286	58,475,251	58,499,899	65,313,985	68,532,037
Sleeping, parlour and observation	75,457,769	72,044,374	71,296,489	85,126,332	87,730,670
Dining	12,866,781	13,099,362	14,288,329	19,299,312	20,027,817
Express	66,845,328	63,705,209	56,641,357	53,986,162	42,466,712
Other head-end	54,216,296	51,769,082	49,689,531	49,311,879	52,785,257
Other	1,930,960	2,099,628	1,801,006	1,542,359	1,592,540
Totals	274,747,269	261,256,463	252,335,291	274,873,769	273,494,474
Self-propelled car drawn:					
Self-propelled	10,148,251	10,027,462	9,996,539	9,795,233	10,052,210
Coach (including colonist)	796,666	814,984	890,168	915,980	868,028
Sleeping, parlour and observation	-	-	-	-	-
Dining	-	-	-	-	-
Express	2,784	378	8,964	-	-
Other head-end	1,902	308	-	-	-
Other	139	74	152	-	-
Totals	10,949,742	10,843,206	10,895,823	10,711,213	10,920,238
Total drawn (locomotive and self-propelled car):					
Self-propelled car	10,249,100	10,091,019	10,115,219	10,183,973	10,411,651
Coach (including colonist)	64,125,952	59,290,235	59,390,067	66,229,965	69,400,065
Sleeping, parlour and observation	75,457,769	72,044,374	71,296,489	85,126,332	87,730,670
Dining	12,866,781	13,099,362	14,288,329	19,299,312	20,027,817
Express	66,845,112	63,705,587	56,650,321	53,986,162	42,466,712
Other head-end	54,218,198	51,769,390	49,689,531	49,311,879	52,785,257
Other	1,931,099	2,099,702	1,801,158	1,542,359	1,592,540
Totals	285,697,011	272,099,669	263,231,114	285,584,982	284,414,712
In freight trains - Transportation service	26,215,396	24,850,002	22,711,103	23,356,401	22,158,976
Totals transportation service	311,912,407	296,949,671	285,942,217	308,941,383	306,573,688
Work train service	4,366	3,398	13,254	1,998	5,185

* Discontinued 1962. Detail not considered statistically useful.

RAILWAY TRANSPORT

TABLE 9. Operating Statistics, 1961-65 - Continued

	1961	1962	1963	1964	1965
Averages:					
Locomotive miles in transportation service per mile of road	2,572	2,535	2,576	2,736	2,786
Train miles in transportation service per mile of road	2,041	1,998	2,031	2,151	2,194
Loaded freight cars per freight train	32.96	33.22	33.58	34.09	33.79
Empty " " " "	19.41	19.74	20.71	21.30	21.19
Total freight train cars per freight train	53.38	53.99	55.32	56.43	56.02
Passenger train cars per passenger train drawn by locomotive	10.98	11.18	11.25	11.77	11.40
Passenger cars per passenger train drawn by locomotive	5.55	5.59	5.79	6.46	6.51
Freight traffic - Revenue freight (tons - 2,000 lb.):					
Originated on Canadian railways	131,127,797	138,435,127	148,834,318	164,786,979	170,829,382
Received from U.S. connections	21,952,520	22,495,214	22,901,308	24,909,406	25,987,505
Total tons originated	153,080,317	160,930,341	171,735,626	189,696,385	196,816,887
Interchanged between Canadian railways	21,438,087	21,908,835	21,617,906	21,349,007	29,675,105
Total tons	174,518,404	182,839,176	193,353,532	211,045,392	226,491,992
Tons carried one mile	'000 65,828,403	67,937,162	75,796,023	85,032,999	87,190,353
Tons originated per mile of road	3,407	3,591	3,839	4,276	4,436
Tons carried one mile (rail line) per mile of road	1,464,492	1,515,811	1,694,071	1,916,805	1,964,858
Average miles hauled per revenue ton - All railways ²	430	422	441	448	443
Freight traffic - Revenue and non-revenue freight (tons - 2,000 lb.):					
Tons carried	183,337,077	194,203,150	205,877,076	219,042,535	234,401,923
Tons carried one mile	'000 67,630,310	69,686,371	77,620,128	86,767,613	89,006,464
Tons per loaded car mile in transportation service (revenue and non-revenue)	33.79	34.71	36.81	37.92	38.54
Gross ton miles - Freight train cars	'000 145,388,910	148,190,351	161,029,748	179,143,759	183,413,643
Passenger train cars	'000 20,444,377	19,794,222	19,464,049	20,581,890	20,742,531
Totals	'000 165,833,287	167,984,573	180,493,797	199,725,649	204,156,174
Gross ton miles per freight train mile	2,399	2,457	2,571	2,682	2,699
Gross ton miles (transportation service) per mile of road	3,690,433	3,748,401	4,034,463	4,502,483	4,601,013
Train hours - Freight service	2,898,801	2,827,247	3,132,623	3,289,078	3,322,072
Passenger traffic:					
Passengers carried	'000 18,783,732	19,257,772	20,635,664	22,914,810	24,615,380
Passengers carried one mile	1,960,591	2,018,842	2,069,565	2,681,234	2,664,115
Passengers carried per mile of road	418	430	461	517	555
Passengers carried one mile per mile of road	43,631	45,048	46,260	60,444	60,040
Average number of passengers per passenger train car in transportation service	6	7	7	9	9
Average number of passengers per passenger car in transportation service	13	14	14	16	16
Average passenger journey	104.4	104.8	100.3	117.0	108.2
Freight revenues - Rail line:					
Freight receipts	\$ 1,012,969,006	1,019,548,627	1,067,288,649	1,169,534,379	1,210,728,459
Switching receipts	\$ 7,135,785	7,604,645	7,088,936	8,013,367	8,849,052
Other freight train receipts and water transfers	\$ 1,626,927	1,630,032	1,802,681	1,762,588	1,961,802
Total freight revenues	\$ 1,021,731,718	1,028,783,304	1,076,180,266	1,179,310,334	1,221,539,313
Average freight revenue per mile of road	\$ 22,737	22,956	24,055	26,586	27,530
Average freight receipts per mile of road	\$ 22,542	22,750	23,856	26,365	27,286
Average freight receipts per freight train mile	\$ 16.72	16.91	17.04	17.51	17.82
Average freight receipts per loaded freight car mile in transportation service	50.61	50.78	50.61	51.11	52.42
Average freight receipts per ton originated	\$ 6.62	6.34	6.21	6.17	6.15
Average freight receipts per ton mile	\$ 1.539	1.501	1.408	1.375	1.389
Passenger revenues - Rail line:					
Passenger receipts	\$ 61,229,591	60,616,581	59,540,654	63,738,236	65,731,661
Sleeper, parlour and chair car receipts	\$ 8,587,575	8,841,354	8,381,417	8,857,891	10,602,845
Baggage	\$ 275,504	269,608	187,377	203,395	239,818
Mail	\$ 16,905,032	16,333,763	15,947,761	16,191,214	15,720,803
Express	\$ 16,121,148	17,568,697	14,796,200	14,929,866	15,416,590
Milk	\$ 167,383	119,624	130,150	107,486	89,184
Other passenger train revenue and water transfers	\$ 210,637	230,932	245,179	281,398	300,761
Total passenger train revenues	\$ 103,496,870	103,980,559	99,228,738	104,309,486	108,101,662
Average passenger train revenue per mile of road	\$ 2,303.21	2,320.02	2,218.02	2,351.48	2,436.26
Average passenger train revenue per passenger train mile	\$ 3.32	3.56	3.51	3.64	3.68
Average passenger train revenue per passenger train car in transportation service	33.18	35.02	34.70	33.76	35.28
Average passenger receipts per passenger per railway	\$ 3.26	3.15	2.89	2.78	2.67
Average passenger receipts per passenger mile	\$ 3.12	3.00	2.88	2.38	2.47
Average passenger receipts per passenger car in transportation service	\$ 29.67	41.55	41.17	38.65	38.52
Average sleeper, etc., receipts per sleeper, etc. car miles	\$ 14.31	12.35	11.98	10.28	10.20

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

TABLE 9. Operating Statistics, 1961-65 - Concluded

	1961	1962	1963	1964	1965
dollars					
Gross revenues from operations:					
Freight, switching	1,021,731,718	1,028,783,304	1,076,180,266	1,179,310,334	1,221,539,313
Passenger	103,496,870	103,980,559	99,228,738	104,309,486	108,101,662
Other earnings from operation	31,252,112	32,532,859	34,800,795	40,802,672	42,663,984
Totals	1,156,480,700	1,165,296,722	1,210,209,799	1,324,422,492	1,372,304,959
Operating expenses	1,114,432,525	1,119,662,072	1,149,530,526	1,241,258,655	1,291,840,958
Net operating revenue	42,048,175	45,634,650	60,679,273	83,163,837	80,464,001
Operating ratio	96.36	96.08	94.99	93.72	94.14
Gross revenue per mile of road	25.736	26,002	27,051	29,857	30,927
Gross revenue per revenue train mile	12.61	13.02	13.32	13.88	14.10

TABLE 10. Taxes, 1961-65

	1961	1962	1963	1964	1965
dollars					
Provincial and municipal:					
Newfoundland	32,768	20,245	35,317	154,288	58,438
Prince Edward Island	5,601	9,494	Cr.	5,264	3,861
Nova Scotia	140,359	260,278	193,214	239,278	272,216
New Brunswick	361,625	405,391	421,270	371,312	483,236
Quebec	5,216,070	7,052,968	7,256,475	7,430,519	10,054,803
Ontario ¹	6,733,910	8,197,368	7,381,847	7,675,772	8,080,831
Manitoba	1,532,004	1,581,493	1,588,355	2,088,869	2,622,893
Saskatchewan	1,308,843	1,400,007	1,434,644	1,553,803	1,577,430
Alberta	1,110,957	1,171,552	1,212,322	1,169,740	1,113,169
British Columbia	2,653,397	2,479,861	2,552,488	3,067,538	3,298,367
Yukon	19,247	28,540	22,417	23,750	24,754
Income and excise tax	33,511,027	26,477,599	34,573,871	47,551,721	46,429,642
Unemployment insurance	5,602,066	5,483,198	5,725,441	5,516,219	7,027,734
Other special tax	124,985	613,122 ²	1,258,402 ³	Cr. 161,236 ⁴	1,522,304
Outside Canada	2,926,115	2,982,744	2,875,469	2,988,082	3,070,321
Totals	61,278,974	58,163,860	66,526,068	79,673,516	85,665,724
Taxes paid by railway bridge companies	12,096	9,385	26,268	29,861	2,208
" " " pulman company	-	-	-	-	-
Grand totals	61,291,070	58,173,245	66,532,336	79,703,377	85,667,932

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.

TABLE 11. Traffic Carried, 1961-65

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Products of agriculture:					
Wheat	15,155,289	13,403,510	16,311,535	21,154,965	17,173,187
Corn	838,465	1,046,821	966,449	1,037,039	1,090,003
Sorghum grains	35,491	18,305	13,525	1,508	4,561
Oats	982,668	935,985	1,556,288	1,229,384	1,344,012
Barley	2,710,432	1,740,092	2,189,993	2,706,816	2,253,706
Rye	142,393	207,256	180,329	218,557	236,887
Rice	39,457	57,484	61,971	70,967	66,713
Grain, n.o.s.	61,093	78,613	52,314	53,951	30,200
Flour, wheat	1,480,964	1,504,838	1,545,738	1,859,599	1,528,737
Meal, corn	20,031	19,457	19,461	24,323	23,595

TABLE II. Traffic Carried, 1961-65 - Continued

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Products of agriculture—Concluded:					
Flour, edible, n.o.s.	135,757	86,094	81,668	231,181	177,717
Cereal food preparations, n.o.s.	272,014	235,262	244,213	275,501	244,309
Mill products, n.o.s.	1,269,924	1,149,053	1,248,380	1,722,438	1,374,069
Hay	114,416	61,864	61,374	27,608	31,443
Straw	27,983	7,731	1,077	749	501
Tobacco, unmanufactured	49,714	59,051	58,469	63,690	42,850
✓ Tobacco siftings, sweepings and waste	1,150	3,665	915	1,005	1,762
Cotton in bales	124,567	127,779	122,761	139,923	127,680
Cotton linters, noils, and regins	35,064	32,427	40,012	38,020	39,396
✗ Cottonseed	278	184	74	306	466
✗ Cottonseed oil cake and meal	4,588	1,641	2,376	3,319	4,702
✗ Cottonseed hulls and bran	3,792	838	223	1,970	249
Soybeans	100,285	103,315	85,107	115,298	125,177
Soybean oil cake and meal	511,437	564,859	507,990	258,237	336,050
Vegetable and nut oil cake and meal, n.o.s.	39,830	35,307	35,164	57,080	29,608
Apples, fresh, not frozen	87,105	81,400	108,180	116,196	97,187
Bananas, fresh	111,456	98,286	84,622	75,233	65,193
✗ Berries, fresh, not frozen	1,770	1,441	577	1,014	707
✗ Cantaloupes and melons, n.o.s.	27,510	37,027	37,576	58,729	45,467
Grapes, fresh	79,529	84,650	101,423	101,158	104,363
✗ Lemons, limes, and citrus fruits, n.o.s.	16,332	20,055	16,152	17,923	19,536
Oranges and grapefruit	162,180	146,767	150,548	201,788	193,516
Peaches, fresh, not frozen	22,054	18,177	15,293	12,714	8,418
✓ Pears, fresh, not frozen	18,905	20,189	24,981	23,650	12,964
✓ Watermelons	20,130	19,470	23,216	9,829	5,742
Fruits, fresh, n.o.s. not frozen	31,464	40,273	26,203	44,711	26,439
Fruits, dried, dehydrated, and evaporated, n.o.s.	22,050	24,265	20,964	25,537	23,784
✓ Fruits and berries, fresh, frozen	14,385	19,494	15,465	20,064	15,896
Coffee	72,942	77,183	77,036	58,221	48,342
Cabbage	26,594	18,803	25,349	26,345	20,480
✗ Celery	38,761	32,028	46,308	52,257	49,182
✓ Lettuce	83,849	89,031	111,925	147,619	99,197
Onions, dry	26,661	32,583	46,598	58,411	54,395
Potatoes, other than sweet	611,646	806,160	797,953	845,992	878,713
Tomatoes	70,569	73,609	69,614	62,285	59,787
Vegetables, fresh, n.o.s., not frozen	160,072	143,014	164,362	135,487	130,714
Beans and peas, dried	106,559	105,893	120,689	125,813	120,819
✓ Vegetables, dried, dehydrated, and evaporated, n.o.s.	3,753	2,631	2,378	3,427	7,525
Vegetables, fresh, frozen	40,889	28,292	33,475	46,220	24,359
✓ Peanuts	10,012	23,046	21,936	29,927	36,113
Sugar beets	650,597	477,670	609,150	618,206	509,311
Malt, n.o.s.	413,224	365,659	412,017	444,392	356,205
Flaxseed	481,201	451,432	368,712	656,616	502,697
Seeds, n.o.s.	309,475	261,652	270,750	239,115	463,119
Products of agriculture, n.o.s.	133,665	95,926	113,116	134,116	102,084
Totals	28,012,441	25,177,337	29,303,974	35,686,429	30,369,784
Animals and products:					
Horses, mules, ponies, and asses	10,378	9,894	9,575	8,917	6,596
Cattle and calves, single-deck	275,807	227,117	191,741	231,713	246,183
Caives, double-deck	3,147	4,300	2,830	1,934	1,374
Sheep and goats, single-deck	6,610	3,805	2,085	2,158	1,617
Sheep and goats, double-deck	14,026	11,726	5,491	3,402	3,061
Swine, single-deck	95,770	70,394	48,083	41,621	37,751
✓ Swine, double-deck	36,529	49,087	61,726	72,960	59,139
Meats, fresh, n.o.s.	473,206	473,199	547,921	641,320	508,030
Meats, cooked, cured, dried, and smoked	38,237	40,452	52,377	52,467	43,265
Packing house products, edible, n.o.s.	106,527	77,954	72,052	63,631	83,963
Margarine, n.o.s.	25,459	24,853	22,596	16,356	20,162
Poultry, live	465	377	157	367	111
Poultry, dressed and frozen	35,298	34,728	34,743	31,020	19,076

TABLE 11. Traffic Carried, 1961-65 - Continued

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Animals and products - Concluded:					
Eggs	4,122	3,137	6,318	2,794	1,262
Butter	55,309	50,649	53,251	75,154	34,867
Cheese	50,152	56,911	67,274	58,821	36,717
Dairy products, n.o.s.	3,260	2,521	3,537	13,623	6,176
✓Wool and mohair in grease	31,004	23,246	18,188	16,508	15,236
Wool and mohair, n.o.s.	15,966	13,399	11,118	13,023	16,366
Hides, skins, and pelts, n.o.s.	144,118	135,044	116,614	127,207	131,473
Leather, n.o.s.	2,235	4,408	4,958	3,076	2,978
Sea food, n.o.s.	49,353	38,357	37,142	48,858	47,819
Fish and sea animal oil	32,099	49,520	43,169	27,116	24,735
Animals and products, n.o.s.	109,935	103,206	116,091	110,093	118,423
Totals	1,619,212	1,508,284	1,529,037	1,664,139	1,466,380
Products of mines:					
Anthracite coal, n.o.s.	1,134,688	977,969	962,083	790,245	774,284
✓Anthracite coal to breakers and washeries	14,180	34,024	-	-	-
Bituminous coal	10,461,389	10,184,111	10,002,904	10,449,727	10,725,702
Coke	1,571,791	1,356,092	1,394,295	1,764,196	1,941,097
Iron ore	16,897,166	24,239,159	27,698,186	25,725,343	29,716,750
Aluminum ore and concentrates	2,165,061	1,841,664	1,857,330	2,300,742	2,350,664
Copper ore and concentrates	686,243	789,427	885,001	1,213,601	1,297,655
Copper-nickel (nickel) ore and concentrates	3,850,102	2,857,401	2,135,841	2,940,797	4,100,805
Lead ore and concentrates	307,980	286,608	309,923	413,208	791,723
Zinc ore and concentrates	836,525	1,168,650	1,198,566	1,735,568	2,145,574
Ores and concentrates, n.o.s.	1,574,260	1,068,747	977,514	740,188	821,802
Barytes	35,999	20,413	48,896	28,286	26,643
Clay and bentonite	361,187	414,708	459,980	536,612	526,426
Sand, industrial	744,445	805,784	791,512	931,571	1,071,872
Gravel and sand, n.o.s.	5,048,931	5,452,696	5,722,289	6,839,214	6,227,625
Stone and rock: broken, ground, and crushed	5,237,255	5,017,049	5,430,004	5,387,391	6,123,381
Fluxing stone and raw dolomite	139,391	73,054	77,704	571,399	813,226
Stone, rough, n.o.s.	109,940	149,799	79,530	45,485	33,973
✓Stone, finished, n.o.s.	19,991	18,133	18,483	22,709	20,535
Petroleum, crude	523,317	642,770	424,980	455,007	254,634
Asphalt	331,243	333,485	349,628	346,500	331,325
Salt	1,275,427	1,587,575	1,194,617	1,288,105	1,481,173
✓Phosphate rock	796,295	1,024,374	1,023,821	1,159,566	1,425,307
Sulphur	532,604	775,359	1,309,600	1,890,805	2,060,798
Asbestos, not further processed than milled	1,073,129	1,073,988	1,054,276	1,206,608	1,176,143
Gypsum, crude	4,002,471	4,451,586	4,841,053	4,888,650	4,709,639
Products of mines, n.o.s.	1,657,634	1,592,217	1,580,954	1,590,858	1,529,898
Totals	61,388,644	68,236,842	71,828,970	75,242,381	82,458,654
Products of forests:					
Logs, butts, and bolts	1,655,832	2,240,469	2,300,412	2,563,702	2,345,125
Posts, poles, and piling, wooden	401,548	362,210	332,550	314,981	382,901
Wood fuel	11,595	11,855	9,165	8,764	6,997
Ties, railroad	69,661	57,934	68,272	73,993	30,109
Pulpwood	4,574,296	4,867,930	4,857,912	6,026,932	7,213,616
Lumber, shingles, and lath	6,398,233	8,608,073	6,941,623	7,241,194	6,871,158
Box, crate, and cooperage materials	45,412	45,448	41,128	43,470	43,715
Veneer, plywood, and built-up wood	859,210	855,776	887,076	989,971	1,061,932
✓Rosin and turpentine	20,653	18,221	58,063	19,869	20,501
Products of forests, n.o.s.	455,264	373,409	431,242	448,568	467,660
Totals	14,491,704	15,441,325	15,927,443	17,731,444	18,443,714
Manufactures and miscellaneous:					
Gasoline	2,958,634	2,812,250	2,917,987	2,755,919	2,784,510
Fuel, road, and petroleum residual oils, n.o.s.	2,980,107	3,111,273	3,498,344	3,894,587	4,206,290
Lubricating oils and greases	328,767	325,160	317,619	343,044	361,110
Petroleum products, refined, n.o.s.	620,376	713,974	913,140	1,131,137	1,502,298

TABLE 11. Traffic Carried, 1961-65 - Continued

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Manufactures and miscellaneous - Continued:					
Gases, other than petroleum, n.o.s.	436,481	450,605	486,062	600,709	626,391
✓ Cottonseed oil	26,496	29,149	32,666	49,405	32,036
Linseed oil	14,375	13,690	12,158	14,838	14,759
Soybean oil	73,239	111,816	110,833	51,377	40,467
Vegetable and nut oils, n.o.s.	93,480	99,003	87,071	68,589	75,934
✓ Oils, n.o.s.	19,057	20,892	23,408	35,302	35,250
Oil foots, sediment, and tank bottoms	11,678	26,727	19,597	5,950	6,174
Rubber crude, natural, and synthetic	192,634	220,382	209,121	202,615	243,702
Rubber goods, n.o.s.	12,481	11,639	11,138	11,401	12,136
Chemicals, n.o.s.	966,304	1,209,510	1,135,773	1,703,832	1,688,224
Sulphuric acid	84,765	94,851	173,333	208,196	282,282
Acids, n.o.s.	80,894	87,833	110,449	76,073	127,692
Sodium (soda) products	1,053,703	1,003,581	1,105,284	1,271,022	1,344,071
Alcohol, n.o.s.	55,125	57,869	64,937	86,658	94,832
Blacks, n.o.s.	45,163	67,480	58,909	60,758	59,974
Fertilizers, n.o.s.	2,207,462	2,523,154	3,352,315	3,693,204	4,557,508
Insecticides and fungicides, n.o.s.	24,242	24,103	20,385	18,062	17,551
Tar, pitch, and creosote	146,584	138,507	120,286	155,681	118,055
✓ Tanning material, n.o.s.	6,038	4,998	2,706	3,367	3,727
Paint, paint material, putty and varnish	123,582	127,011	125,824	138,401	116,765
Plastics	97,584	127,950	131,334	172,236	196,793
Cellulose articles, n.o.s.	8,066	12,600	16,907	20,121	17,044
Drugs, medicines, and toilet preparations	20,273	21,648	17,719	19,767	22,326
Aluminum: bar, ingot, pig, and slab	366,121	463,543	520,501	519,107	597,696
Aluminum, n.o.s.	69,341	81,120	115,192	106,816	118,611
Copper: ingots, and pig	526,188	508,630	513,606	344,984	520,853
Copper, brass, and bronze, n.o.s.	273,019	242,081	257,218	441,540	248,731
Lead and zinc: bar, ingot, and pig	443,701	474,234	459,294	515,850	548,761
✓ Lead and zinc, n.o.s.	3,454	4,514	6,264	6,881	7,598
Magnesium metal and alloy	7,556	8,353	8,958	8,664	7,697
Alloys for steel manufacture	127,197	141,265	137,026	125,699	148,340
Matte	346,400	309,065	247,665	285,506	301,296
Metals and alloys, n.o.s.	109,212	104,371	115,852	102,925	134,747
Iron, pig	163,128	188,848	235,054	238,190	312,171
Iron and steel: billet, bloom, and ingot	257,957	323,772	310,151	375,121	549,178
Iron and steel: bar, rod, and slab	522,473	461,795	592,255	856,992	539,545
✓ Iron and steel: n.o.s.	51,755	148,456	189,916	52,637	103,938
Iron and steel nails and wire (woven and not woven) n.o.s.	91,578	101,018	95,794	94,947	117,174
Manufactured iron and steel.....	2,037,542	2,318,205	2,467,202	3,329,606	3,380,238
Cast iron pipe and fittings	17,722	19,667	22,232	71,129	52,557
Iron and steel pipe and fittings, n.o.s.	638,178	397,551	429,705	601,102	525,030
Tanks, n.o.s.	27,186	29,329	38,799	29,838	39,991
Agricultural implements, n.o.s.	203,375	212,266	256,703	274,072	298,279
Agricultural implement parts, n.o.s.	18,467	14,169	16,011	29,455	20,169
Machinery and machines, n.o.s.	362,597	398,600	379,472	659,164	552,324
Machinery parts	89,434	118,518	126,478	160,180	182,534
✓ Business and office machines, n.o.s.	1,387	1,566	911	1,553	1,276
Railway equipment moved on own wheels	47,903	55,631	71,637	87,126	134,795
✓ Railway equipment, S.U. not moved on own wheels.....	5,004	6,786	5,625	4,894	5,971
Railway equipment parts	56,125	56,053	50,826	84,128	105,443
Rails and railway track material, iron and steel	113,295	138,999	199,972	176,534	171,242
Vehicles, other than motor	16,418	17,224	16,864	23,442	27,035
Automobiles, passenger	368,209	428,990	527,263	652,264	762,944
Automobiles, freight	51,119	60,957	78,999	116,244	151,635
Vehicles, motor, n.o.s.	114,935	117,319	121,436	119,367	111,327
✓ Military vehicles, n.o.s.	3,425	8,969	5,622	7,065	7,261
✓ Automobiles and autotrucks, k.d.	27,104	25,919	28,341	32,283	40,475
Vehicle parts, n.o.s.	1,226,692	1,487,882	1,508,242	1,478,011	1,804,824
Airplanes, aircraft, and parts	4,993	3,519	2,653	1,573	1,268
Tires and tubes, rubber	88,852	95,601	96,140	99,172	108,852
✓ Guns, small arms, and parts, n.o.s.	3,603	2,150	1,294	1,008	1,092

TABLE 11. Traffic Carried, 1961-65 - Continued

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Manufactures and miscellaneous—Continued:					
Ammunition and explosives.....	56,811	71,607	69,958	68,771	75,094
Cement: natural and portland.....	1,415,440	1,403,637	1,313,805	1,721,043	1,976,388
Cement, n.o.s.....	129,818	155,943	137,221	66,704	60,743
Brick, common.....	19,571	31,188	23,834	88,086	98,114
Brick, n.o.s. and building tile.....	302,658	273,942	226,853	140,731	158,376
Refractories.....	260,368	255,504	249,104	276,993	270,995
Artificial stone, n.o.s.....	47,294	36,649	43,936	59,448	82,076
Lime, n.o.s.....	465,824	651,363	666,360	636,416	635,112
Plaster: stucco and wall.....	98,850	109,539	95,120	86,215	91,380
Sewer pipe and drain tile (not metal).....	42,230	46,392	49,255	15,176	18,639
Broken or ground brick, blocks, crockery, and glass.....	13,999	29,930	17,937	33,324	16,095
Woodpulp.....	2,688,225	3,048,415	3,186,693	3,431,137	3,538,129
Scrap paper and rags.....	260,674	289,613	291,629	332,406	335,049
Newsprint paper.....	4,397,864	4,232,493	4,121,218	4,497,987	4,772,914
Printing paper, n.o.s.....	631,455	732,065	747,906	798,921	884,514
Wrapping paper.....	199,756	204,814	187,808	199,823	208,434
Paper bags.....	61,549	58,303	57,123	62,629	58,342
Paper and paper articles, n.o.s.....	339,031	373,281	403,813	447,220	438,197
Printed matter, n.o.s.....	42,221	51,146	34,417	26,572	31,090
Paperboard, fibreboard, and pulpboard.....	596,732	607,082	663,429	726,708	807,894
Wallboard.....	326,374	351,497	336,529	352,170	353,296
Building paper and prepared roofing materials.....	156,084	148,496	138,795	151,099	150,802
Insulating materials, n.o.s.....	109,396	103,194	101,949	113,916	113,729
Building woodwork and millwork.....	56,422	57,775	47,970	59,304	52,978
Building materials, n.o.s.....	19,943	25,692	20,423	13,655	13,973
Building and houses, fabricated and portable, n.o.s.....	6,996	18,746	11,539	14,597	24,498
Asbestos articles, n.o.s.....	4,862	4,903	5,416	7,315	7,633
Electrical equipment and parts, n.o.s.....	102,612	107,588	109,101	138,629	149,614
Furnaces, heaters, radiators, and parts.....	30,905	30,600	25,708	31,409	30,172
Bathroom and lavatory fixtures and sinks.....	22,190	18,952	18,998	16,791	17,097
Hardware, n.o.s.....	24,073	18,014	14,860	23,379	25,961
Glass.....	73,304	86,034	78,179	102,901	98,925
✓ Glassware, n.o.s.....	42,742	48,198	41,521	48,173	44,443
Glass bottles, jars, and packing glasses, n.o.s.....	118,156	154,164	129,594	142,331	118,256
Chinaware, crockery and earthenware.....	7,545	8,197	6,201	8,618	10,145
Woodenware.....	25,896	23,064	23,836	32,993	28,063
Household utensils, n.o.s.....	7,504	7,631	6,306	6,617	7,182
Refrigerators, freezing apparatus, and parts.....	67,428	67,678	71,666	67,274	70,075
Laundry equipment.....	39,525	42,520	40,029	40,316	45,188
Stoves, ranges and parts.....	21,875	20,216	19,576	22,048	24,463
Floor covering.....	27,945	32,629	61,115	64,903	65,160
Furniture, n.o.s.....	61,036	68,018	71,119	82,059	93,337
Furniture parts.....	3,468	3,533	4,362	6,382	6,023
Tools and parts, n.o.s.....	5,138	4,345	3,531	4,658	3,060
Abrasives, other than crude.....	18,871	35,530	29,291	25,928	20,905
Bagging: burlap, cotton, gunny, and jute, n.o.s.....	25,184	30,279	34,171	29,475	24,880
Bags: burlap, cotton, gunny, and jute, n.o.s.....	12,864	4,698	3,637	4,887	4,918
Cotton cloth and cotton fabrics, n.o.s.....	23,689	25,542	26,528	32,279	25,150
Cotton factory products.....	17,736	18,711	17,448	15,501	17,552
Synthetic fibre and yarns (rayon and nylon).....	5,053	16,182	16,123	23,585	24,651
Cloth and fabrics, n.o.s.....	5,907	11,437	13,375	13,540	11,797
Rope, cordage, and binder twine, n.o.s.....	27,631	38,697	37,363	37,340	40,191
Boots, shoes, and findings, n.o.s.....	10,464	12,502	9,027	10,220	8,138
✓ Luggage and handbags, n.o.s.....	862	918	1,085	80	106
Athletic, gynmasium, playground, and sporting equipment, n.o.s.....	3,513	3,675	3,465	2,457	3,315
✓ Games and toys.....	6,903	6,207	6,943	8,642	9,545
✓ Liquors, alcoholic, n.o.s.....	105,405	118,295	118,628	128,005	145,304
Wine.....	42,965	40,347	42,787	42,773	31,423
✓ Liquors, malt.....	650,130	646,918	642,845	635,292	619,976
✓ Beverages, n.o.s.....	18,182	18,536	20,603	21,332	28,211

TABLE 11. Traffic Carried, 1961-65 — Concluded

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
Manufactures and miscellaneous — Concluded:					
✓Ice	1,425	4,147	6,631	3,882	3,611
Syrup and molasses, refined	143,512	173,031	189,251	210,799	118,404
Molasses, residual	56,933	70,097	87,610	108,076	84,838
Sugar	547,980	579,327	610,582	604,509	608,148
Candy and confectionery	86,660	90,046	84,731	88,611	81,809
Food products, n.o.s., in cans and packages, not frozen	1,313,466	1,338,341	1,389,141	1,482,549	1,483,405
Food products, n.o.s., frozen	48,290	63,926	56,756	63,308	69,076
Starch	95,001	109,180	116,981	136,625	106,200
Soap and cleaning and washing compounds	143,362	177,320	186,280	167,051	193,126
Matches	3,482	3,765	3,732	3,800	4,375
Feed, animal and poultry, n.o.s.	1,233,505	1,487,652	1,555,022	1,618,957	1,546,327
Manufactured tobacco, n.o.s.	6,457	4,368	4,850	3,193	2,450
Cigarettes	44,748	40,445	31,332	29,610	26,219
Containers, metal	158,603	171,140	165,179	145,129	163,839
Containers, wooden	28,275	28,487	32,180	32,918	34,562
Containers, fibreboard and paperboard, k.d.	63,172	67,718	57,522	49,998	46,172
Containers, n.o.s.	44,456	49,474	47,650	63,490	68,318
Containers, returned empty	258,034	256,977	244,248	233,637	243,256
Scrap iron and scrap steel	1,139,926	1,131,288	1,413,518	1,656,025	2,189,398
Iron and steel borings, turnings, etc.	30,566	58,056	38,985	36,283	41,897
Furnace slag	85,832	115,034	167,504	255,262	454,804
Waste materials for remelting, n.o.s.	275,741	285,225	266,567	286,499	334,374
Waste materials, n.o.s.	107,440	83,728	73,434	174,219	183,987
Manufactures and miscellaneous, n.o.s.	4,483,817	4,788,212	4,899,548	5,770,735	6,301,761
Total manufactures and miscellaneous	46,378,066	49,342,838	52,062,773	58,413,648	62,848,885
Grand totals, carload traffic	151,690,067	159,706,626	170,652,197	188,738,041	195,587,417
All l.c.l. freight	1,190,250	1,223,715	1,083,429	958,344	1,229,470
Grand totals, carload and l.c.l. traffic	153,080,317	160,930,341	171,735,626	189,696,385	196,816,887

TABLE 12. Freight Cars in Service at December 31,¹ 1961-65

	Number	Capacity	
		Total	Average
tons (2,000 lb.)			
Automobile:			
1961	7,225	322,490	44,635
1962	7,204	321,570	44,638
1963	7,113	317,300	44,608
1964	6,907	307,290	44,490
1965	3,698	185,915	50,302
Ballast:			
1961	3,113	183,785	59,038
1962	3,054	179,040	58,623
1963	3,009	176,770	58,741
1984	3,971	177,065	59,475
1965	3,305	172,370	58,755

¹ Excludes privately-owned railway cars.

TABLE 12. Freight Cars in Service at December 31,¹ 1961-65 — Concluded

	Number	Capacity	
		Total	Average
		tons (2,000 lb.)	
Box:			
1961	108,239	5,103,650	47.152
1962	106,988	5,058,825	47.284
1963	104,593	4,956,759	47.391
1964	103,108	4,905,624	47.578
1965	105,822	5,039,198	47.620
Flat:			
1961	12,164	585,230	48.112
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
Gondola:			
1961	20,168	1,321,680	65.534
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
Hopper:			
1961	15,571	1,043,360	67.007
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
Ore:			
1961	5,892	467,691	79.377
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
Refrigerator:			
1961	8,635	394,500	45.686
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
Stock:			
1961	4,589	167,860	36.579
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
Tank:			
1961	479	23,570	49.207
1962	544	27,497	50.546
1963	546	27,034	49.513
1964	526	25,762	48.977
1965	499	23,692	47.479
Other:			
1961	312	12,870	41.250
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
Totals:			
1961	186,387	9,626,686	51.649
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

¹ Excludes privately-owned railway cars.

TABLE 13. Passenger Cars in Service at December 31, 1961-65

	1961	1962	1963	1964	1965
Self-propelled passenger train cars	103	99	98	100	113
Coach	1,237	1,142	1,054	1,037	984
Combination passenger	152	145	135	131	114
Colonist	81	53	50	46	41
Dining	134	131	131	137	153
Parlour	127	122	129	135	130
Sleeping	804	716	676	645	641
Baggage, express and postal	2,061	1,933	1,866	1,721	1,432
Other	38	37	33	33	30
Totals¹	4,737	4,378	4,172	3,985	3,638
Cars in company service:					
Caboose	2,902	2,748	2,635	2,560	2,433
All Other	15,774	15,760	15,232	14,680	14,163
Totals	18,676	18,508	17,867	17,240	16,596
Cars leased (included in above)	4,353	4,190	5,298	4,516	4,501

¹ Includes Pullman Co. cars in Canadian service.

TABLE 14. Locomotives in Service at December 31, 1961-65

	1961	1962	1963	1964	1965
number					
Locomotives:					
Steam:					
Coal burning	144	104	1	1	—
Oil burning	53	34	6	—	—
Diesel electric:					
"A" units	446	442	450	420	371
"B" units	183	181	186	176	169
Road switcher units	1,956	1,975	1,994	1,981	1,990
Yard switcher units	724	722	717	704	717
Road freight units
Electric	41	39	31	22	22
Totals	3,547	3,497	3,385	3,304	3,323
Leased (included in above)	36	52	102	45	74
Tractive power, average pounds per locomotive	56,597	56,807	58,141	58,213	58,571

TABLE 15. Fuel Consumed by Motive Power at December 31, 1961-65

	1961	1962	1963	1964	1965
Locomotives					
Consumption:					
Bituminous coal	ton	10,581	512	569	349
Fuel oil	gal.	70,233	52,004	10,758	—
Diesel oil	"	337,701,023	339,605,658	357,547,063	390,233,367
Crude oil	"	985,106	3,307,668	2,099,419	2,454,666
Gasoline	"	—	600	—	—
Cost:					
Bituminous coal	\$	104,381	5,058	6,061	3,334
Fuel oil	\$	6,445	5,570	1,145	—
Diesel oil	\$	44,430,226	45,153,704	47,640,076	52,139,464
Crude oil	\$	84,587	298,215	198,851	227,191
Gasoline	\$	—	165	—	—
Average cost per ton or gal.:					
Bituminous coal	\$	9.86	9.88	10.65	9.55
Fuel oil	¢	9.18	10.71	10.64	—
Diesel oil	¢	13.16	13.30	13.32	13.36
Crude oil	¢	8.59	9.02	9.47	9.26
Gasoline	¢	—	27.50	—	9.72
Rail motor cars, etc.					
Consumption:					
Fuel oil	gal.	4,556,252	4,194,857	4,343,539	4,326,176
Diesel oil	gal.	29,266	33,450	30,742	6,112
Gasoline	gal.	—	—	—	7,132
Total cost	\$	608,988	566,119	593,292	587,629
					617,171

TABLE 16. Fuel Consumed for Heating and Other Railway Purposes, 1961-65

		1961	1962	1963	1964	1965
Anthracite	ton	8,931	5,115	5,334	3,278	2,556
Bituminous	"	249,512	213,814	187,608	147,117	93,225
Sub-bituminous	"	46,671	21,069	12,173	8,951	10,329
Lignite	"	163,533	146,620	119,425	124,089	126,515
Fuel oil	gal.	40,257,975	42,492,114	45,002,764	48,860,620	56,548,657
Diesel oil	"	10,682,498	13,580,303	11,534,719	12,744,565	15,725,790
Gasoline	"	4,020,399	3,700,567	4,420,055	4,195,536	5,012,673
Gas	cu. ft.	820,786,896	1,036,420,240	1,219,892,053	1,082,397,651	1,240,801,701

TABLE 17. Rails Laid in Track, 1961-65

	1961	1962	1963	1964	1965
tons (2,000 lb.)					
In previously constructed track:					
New open hearth	132,629	118,636	152,692	140,049	132,447
Relay	149,829	145,951	115,924	135,260	113,594
Other	1,705	1,083	465	1,071	2,265
Totals	284,163	265,670	269,081	276,380	248,306
In new track and extension:					
New open hearth	4,038	1,844	1,624	308	625
Relay	39,216	25,847	23,206	28,794	39,486
Other	168	388	1,790	366	302
Totals	43,422	28,079	26,620	29,468	40,413

TABLE 18. Total Switch and Bridge Ties Placed in Track, 1961-65

	1961	1962	1963	1964	1965
Treated - M bd. feet					
No.	10,070	10,216	10,970	10,424	12,493
Average cost	\$ 110.72	115.88	121.27	129.49	139.75
Untreated - M bd. feet	No. 326	1,075	309	461	282
Average cost	\$ 79.42	124.84	101.05	82.20	62.64
Totals - M bd. feet	No. 10,396	11,291	11,279	10,885	12,775
Average cost	\$ 109.74	116.55	120.71	127.48	138.01

TABLE 19. Cross-ties Purchased, 1961-65

	1961	1962	1963	1964	1965
number					
Hardwood:					
Beech	56,997	86,381	96,920	111,452	112,339
Birch	112,521	197,642	175,904	179,679	157,039
Maple	200,272	361,899	319,925	398,893	414,479
Oak	27,693	86,922	44,094	41,282	38,244
Other hardwood	29,276	25,979	45,055	16,677	35,425
Totals	426,739	738,823	681,898	747,993	757,526
Softwood:					
Cedar	6,097	7,843	10,438	10,591	6,369
Fir	205,298	205,527	263,865	241,981	440,477
Hemlock	48,298	21,873	24,819	42,936	55,223
Pine	1,362,842	1,247,089	2,375,985	1,906,614	2,045,570
Tamarack	38,644	1,840	-	1,071	8,445
Other softwood	18,481	10,542	4,084	1,496	198
Totals	1,679,660	1,494,714	2,679,191	2,204,689	2,556,282

TABLE 20. Cross-ties Placed in Track, 1961-65

		1961	1962	1963	1964	1965
In previously constructed track:						
Treated ties	No.	3,531,119	3,245,392	3,228,567	2,857,714	2,937,644
Untreated ties	"	93,791	98,967	62,826	79,221	84,504
Totals	"	3,624,910	3,344,359	3,291,393	2,936,935	3,022,148
In new track and extensions:						
Treated ties	"	483,822	457,103	390,044	375,964	570,107
Untreated ties	"	11,495	9,275	13,372	72,467	114,233
Totals	"	495,317	466,378	403,416	448,431	684,340
Average cost:						
Treated ties	\$	2.99	2.86	2.83	2.99	3.29
Untreated ties	\$	1.73	1.72	1.77	1.74	2.00

TABLE 21. Persons Injured in Train and Non-train Accidents and Dying after Twenty-four Hours, 1961-65

	1961	1962	1963	1964	1965
number					
Trainmen	1	—	—	1	1
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	—	—	—	—	—
Shopmen	2	—	—	—	1
Trackmen	—	3	—	1	1
Telegraph employees	—	—	—	—	—
Other employees	—	—	—	—	—
Passengers	—	—	—	—	—
Postal - Express - Pullman employees	—	—	—	—	—
Trespassers	1	2	2	—	—
Other persons	3	—	7	—	—
Totals	7	5	9	2	3

TABLE 22. Time Lost by Employees through Injuries Incurred in Train and Non-train Accidents, 1961-65

		Class of accident	1961	1962	1963	1964	1965
Trainmen							
Number	Train	641	637	596	737	801	
"	Non-train	63	62	63	90	104	
Days absent		20,399	23,546	23,184	25,259	28,882	
Switchtenders, watchmen, etc.							
Number	Train	86	80	74	94	103	
"	Non-train	24	29	20	17	24	
Days absent		3,158	4,461	3,923	3,640	4,601	
Stationmen							
Number	Train	4	8	8	16	3	
"	Non-train	320	431	514	581	607	
Days absent		10,523	11,137	12,501	14,430	14,824	
Shopmen							
Number	Train	21	13	21	26	13	
"	Non-train	590	558	457	468	747	
Days absent		15,358	14,945	15,722	16,576	17,521	
Trackmen							
Number	Train	47	43	43	47	51	
"	Non-train	693	642	680	612	628	
Days absent		29,596	26,113	27,127	27,459	29,436	
Telegraph employees							
Number	Train	9	1	1	5	2	
"	Non-train	112	131	83	103	84	
Days absent		3,286	3,761	2,296	2,516	2,080	
Other employees							
Number	Train	73	97	110	153	207	
"	Non-train	137	137	95	183	123	
Days absent		6,877	6,980	4,746	6,463	5,400	
Totals							
Number	Train	881	877	853	1,078	1,180	
"	Non-train	1,939	1,990	1,912	2,054	2,332	
Days absent		89,197	90,943	89,499	96,343	102,804	

TABLE 23. Accidents Resulting from the Movement of Trains, 1961-65

Causes	1961	1962	1963	1964	1965
number					
Coupling and uncoupling	57	55	40	46	57
Collisions - Between:					
Railway rolling stock	37	27	28	29	48
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	351	363	396	379	432
At other points	54	53	57	49	66
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	15	6	2	7	8
At other points	3	3	5	3	-
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	13	11	15	17	16
At other points	103	132	81	113	108
Derailments	48	65	40	22	31
Locomotives or cars breaking down	2	9	-	9	8
Getting on or off trains	264	229	254	297	330
Falling from trains, locomotives or cars	62	50	60	72	51
Striking overhead or other obstructions	21	20	19	9	10
Other causes	501	556	530	700	787
Totals	1,531	1,579	1,527	1,752	1,952

TABLE 24. Passengers and Employees Killed and Injured in Train Accidents - By Cause, 1961-65

Causes	1961	1962	1963	1964	1965
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	-	-	-	1
Derailments	-	-	-	-	-
Locomotives or cars breaking down	-	-	-	-	-
Getting on or off trains	-	-	-	1	-
Falling from trains, locomotives or cars	-	-	2	-	1
Striking overhead or other obstructions	-	-	-	-	-
Other causes	-	-	-	-	-
Totals	1	-	2	8	2
Employees					
Coupling and uncoupling	2	1	-	-	1
Collisions - Between:					
Railway rolling stock	4	-	1	-	5
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	5	3	6	10	3
Derailments	-	1	3	1	2
Locomotives or cars breaking down	-	1	-	-	-
Getting on or off trains	2	1	4	1	2
Falling from trains, locomotives or cars	1	2	5	1	1
Striking overhead or other obstructions	-	-	-	-	-
Other causes	8	10	1	6	5
Totals	22	19	23	23	20

TABLE 24: Passengers and Employees Killed and Injured in Train Accidents — By Cause, 1961-65 — Concluded

Causes	1961	1962	1963	1964	1965
Number of persons injured					
Passengers					
Coupling and uncoupling	-	-	-	-	-
Collisions — Between:					
Railway rolling stock	16	9	4	1	21
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	6	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
Locomotives or cars breaking down	-	-	-	-	-
Getting on or off trains	14	20	28	40	43
Falling from trains, locomotives or cars	1	-	2	2	1
Striking overhead or other obstructions	-	-	1	-	-
Other causes	36	42	78	72	92
Totals	73	106	157	138	273
Employees					
Coupling and uncoupling	55	50	40	45	56
Collisions — Between:					
Railway rolling stock	34	18	32	34	50
Trains or locomotives and motor or horse-drawn vehicles:					
At highway crossings	3	17	7	9	10
At other points	-	2	-	2	2
Track or hand cars and motor or horse-drawn vehicles:					
At highway crossings	25	9	2	7	4
At other points	3	2	5	6	-
Pedestrians struck by trains, locomotives or cars:					
At highway crossings	-	-	-	-	-
At other points	9	11	13	15	18
Derailments	19	21	39	15	34
Locomotives or cars breaking down	2	7	-	9	1
Getting on or off trains	231	191	203	244	267
Falling from trains, locomotives or cars	45	37	39	57	41
Striking overhead or other obstructions	14	18	15	9	9
Other causes	441	494	458	626	681
Totals	881	877	853	1,078	1,180

TABLE 25. Persons Killed and Injured in Train Accidents — By Class of Victim, 1961-65

Class of person	1961	1962	1963	1964	1965
Number of persons killed					
Employees:					
Trainmen	10	5	15	7	9
Switchtenders, watchmen, etc.	2	-	-	-	1
Stationmen	-	-	-	2	1
Shopmen	2	1	2	1	3
Trackmen	8	11	5	11	6
Telegraph employees	-	2	-	-	-
Other employees	-	-	1	2	-
Total employees	22	19	23	23	20
Passengers	1	-	2	8	2
Postal — Express — Pullman employees	-	1	-	-	-
Trespassers	46	72	43	61	50
Other persons	159	161	158	159	157
Grand totals	228	253	226	251	229
Suicides	4	5	7	5	6

TABLE 25. Persons Killed and Injured in Train Accidents — By Class of Victim, 1961-65 — Concluded

Class of person	1961	1962	1963	1964	1965
Number of persons injured ¹					
Employees:					
Trainmen	641	637	596	737	801
Switchtenders, watchmen, etc.	86	80	74	94	103
Stationmen	4	6	8	16	3
Shopmen	21	13	21	26	13
Trackmen	47	43	43	47	51
Telegraph employees	9	1	1	5	2
Other employees	73	97	110	153	207
Total employees	881	877	853	1,078	1,180
Passengers	73	106	157	138	273
Postal - Express - Pullman employees	11	11	15	18	14
Trespassers	67	57	45	42	53
Other persons	419	414	517	493	557
Grand totals	1,451	1,465	1,587	1,769	2,077
Attempted suicides	1	—	—	—	—

¹ See page 24 for time lost through injuries.

TABLE 26. Persons Killed and Injured in Non-train Accidents — By Cause, 1961-65

Causes	1961	1962	1963	1964	1965
Number of persons killed					
Handling traffic	2	3	2	—	—
Handling machinery, tools, etc.	10	4	3	—	3
Getting on or off locomotives and cars at rest	—	—	1	1	—
Other causes	9	13	5	11	13
Totals	21	20	11	12	16
Number of persons injured ¹					
Handling traffic	224	289	250	272	312
Handling machinery, tools, etc.	552	466	535	469	665
Getting on or off locomotives and cars at rest	69	96	51	57	86
Other causes	1,208	1,265	1,170	1,404	1,379
Totals	2,053	2,116	2,006	2,203	2,442

¹ See page 24 for time lost through injuries.

TABLE 27. Persons Killed and Injured in Non-train Accidents — By Class of Victim, 1961-65

Class of person	1961	1962	1963	1964	1965
Number of persons killed					
Employees:					
Trainmen	—	2	—	—	—
Switchtenders, watchmen, etc.	—	—	—	—	—
Stationmen	3	2	2	3	—
Shopmen	7	2	1	2	2
Trackmen	7	6	4	4	6
Telegraph employees	1	—	—	1	7
Other	—	2	3	—	—
Totals	18	14	10	10	15
Passengers	—	—	—	—	—
Postal - Express - Pullman employees	—	3	1	—	—
Trespassers	3	1	—	1	1
Other persons	—	2	—	1	—
Grand totals	21	20	11	12	16
Suicides	1	1	—	—	—

TABLE 27. Persons Killed and Injured in Non-train Accidents — By Class of Victim, 1961-65 — Concluded

Class of person	1961	1962	1963	1964	1965
Number of persons injured ¹					
Employees:					
Trainmen	63	62	63	90	104
Switchtenders, watchmen, etc.	24	29	20	17	24
Stationmen	320	431	514	581	607
Shopmen	590	558	457	468	747
Trac kmen	693	642	680	612	628
Telegraph employees	112	131	83	103	84
Other	137	137	95	183	138
Totals	1,939	1,990	1,912	2,054	2,332
Passengers	55	64	55	72	57
Postal - Express - Pullman employees	21	23	18	31	29
Trespassers	6	5	7	9	8
Other persons	32	34	14	37	36
Grand totals	2,053	2,116	2,006	2,203	2,462
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, 1961-65

	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:										
1961	—	—	1	—	—	2	—	—	1	2
1962	—	—	—	—	3	—	—	—	3	—
1963	—	—	4	—	—	—	—	—	4	—
1964	—	—	1	—	1	1	—	—	2	1
1965	—	—	—	—	4	—	2	—	6	—
Protected by automatic signals:										
1961	—	—	2	1	9	17	—	—	11	18
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
Protected by watchmen:										
1961	—	—	—	—	—	—	—	—	—	—
1962	—	—	—	—	—	—	—	—	—	—
1963	—	—	—	—	—	1	—	—	—	1
1964	—	—	—	—	—	—	—	—	—	—
1965	—	—	—	—	—	2	—	—	—	2
Otherwise protected:										
1961	—	—	2	3	40	60	1	—	43	63
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
Totals:										
1961	—	—	5	4	49	79	1	—	55	83
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

TABLE 28. Persons Killed and Injured in Accidents at Highway Crossings, 1961-65 - 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:										
1961	—	—	—	—	3	—	—	—	3	—
1962	—	—	—	—	2	—	—	—	2	—
1963	—	—	1	—	3	2	—	—	4	2
1964	—	1	2	—	6	—	1	—	9	1
1965	—	—	2	—	10	—	—	—	12	—
1961	2	2	3	2	63	16	1	—	69	22
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
Protected by watchmen:										
1961	—	—	—	—	8	4	1	—	9	4
1962	—	—	—	—	7	1	—	—	7	1
1963	—	—	1	—	13	—	—	—	14	—
1964	1	—	—	—	14	1	—	—	15	1
1965	—	—	1	—	16	—	—	—	17	—
Otherwise protected:										
1961	7	19	1	1	107	146	—	—	115	166
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
Totals:										
1961	9	21	4	3	181	168	2	—	196	192
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

TABLE 29. Highway Crossings at December 31, 1961-65

No.		Protected by						
		Gates		Bridges		Subways		
		Urban	Rural	Urban	Rural	Urban	Rural	
number								
Newfoundland:								
1	1961.....	—	—	1	5	1	1	
2	1962.....	—	—	—	6	1	1	
3	1963.....	—	—	1	8	1	1	
4	1964.....	—	—	1	8	1	2	
5	1965.....	—	—	1	16	1	2	
Prince Edward Island:								
6	1961.....	—	—	1	—	—	5	
7	1962.....	—	—	1	—	—	5	
8	1963.....	—	—	1	—	—	5	
9	1964.....	—	—	1	—	—	5	
10	1965.....	—	—	1	—	—	4	
Nova Scotia:								
11	1961.....	4	2	21	20	12	32	
12	1962.....	4	2	21	20	12	32	
13	1963.....	3	2	23	20	12	32	
14	1964.....	2	2	23	20	12	32	
15	1965.....	2	2	23	20	12	32	
New Brunswick:								
16	1961.....	8	1	10	34	13	35	
17	1962.....	8	1	10	34	13	35	
18	1963.....	7	1	10	35	13	35	
19	1964.....	7	1	10	37	13	35	
20	1965.....	6	1	10	37	13	34	
Quebec:								
21	1961.....	61	14	59	54	160	78	
22	1962.....	61	16	61	51	184	75	
23	1963.....	57	18	62	55	185	78	
24	1964.....	57	17	64	61	197	79	
25	1965.....	58	19	76	66	210	74	
Ontario:								
26	1961.....	145	74	209	250	334	184	
27	1962.....	142	85	222	246	337	196	
28	1963.....	157	98	230	246	331	195	
29	1964.....	179	107	235	254	336	197	
30	1965.....	218	113	259	261	369	195	
Manitoba:								
31	1961.....	22	6	5	13	31	7	
32	1962.....	26	8	5	12	32	9	
33	1963.....	30	15	9	11	40	11	
34	1964.....	26	11	8	11	34	10	
35	1965.....	28	8	10	10	35	12	
Saskatchewan:								
36	1961.....	11	12	7	21	22	43	
37	1962.....	5	2	7	23	21	41	
38	1963.....	2	3	8	21	20	40	
39	1964.....	3	3	8	21	21	40	
40	1965.....	5	3	8	21	21	40	
Alberta:								
41	1961.....	17	1	9	34	32	52	
42	1962.....	16	1	10	43	36	49	
43	1963.....	16	1	10	43	35	47	
44	1964.....	21	1	11	44	35	47	
45	1965.....	23	1	12	46	38	47	
British Columbia:								
46	1961.....	10	11	36	67	12	63	
47	1962.....	12	8	40	76	14	63	
48	1963.....	10	10	62	77	15	65	
49	1964.....	12	9	64	84	17	60	
50	1965.....	12	10	65	89	17	59	
Total - Canada:								
51	1961.....	278	121	358	498	617	505	
52	1962.....	274	123	377	511	650	506	
53	1963.....	282	148	416	516	652	509	
54	1964.....	307	151	425	540	666	507	
55	1965.....	352	157	465	566	716	498	
United States:								
56	1961.....	2	1	3	7	9	11	
57	1962.....	2	1	3	7	9	11	
58	1963.....	2	1	3	7	9	11	
59	1964.....	2	1	3	7	9	11	
60	1965.....	2	1	4	7	8	11	

TABLE 29. Highway Crossings at December 31, 1961-65

Protected by				Otherwise protected		Total			No.
Automatic signals		Watchmen		Urban	Rural	Urban	Rural	Total	
Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Total	
number									
4	3	—	—	67	220	73	229	302	1
3	7	—	—	63	217	67	231	298	2
3	7	—	—	62	218	67	234	301	3
9	9	—	—	59	215	67	234	301	4
12	12	—	—	52	208	66	238	304	5
5	14	1	—	39	206	46	225	271	6
5	18	1	—	39	202	46	225	271	7
7	21	1	—	37	199	46	225	271	8
8	23	1	—	36	197	46	225	271	9
8	24	1	—	36	197	46	225	271	10
61	180	5	—	212	563	315	797	1,112	11
62	196	5	—	212	505	316	755	1,071	12
69	208	5	1	207	494	319	757	1,076	13
72	226	5	1	205	476	319	757	1,076	14
72	250	5	1	203	455	317	760	1,077	15
40	134	—	—	139	562	210	766	976	16
41	144	—	—	139	555	211	769	980	17
46	150	—	—	135	551	211	772	983	18
51	154	—	—	130	524	211	751	962	19
55	167	—	—	128	494	212	733	945	20
232	350	1	1	650	1,742	1,163	2,239	3,402	21
246	393	1	1	665	1,574	1,218	2,210	3,428	22
272	422	1	—	660	1,645	1,237	2,218	3,455	23
291	467	1	—	662	1,574	1,272	2,198	3,470	24
317	506	1	—	645	1,505	1,307	2,171	3,478	25
588	569	12	—	1,804	4,268	3,092	5,350	8,442	26
622	603	12	—	1,890	4,309	3,225	5,439	8,664	27
614	640	12	1	1,880	4,157	3,224	5,337	8,561	28
645	694	11	—	1,935	4,113	3,341	5,365	8,706	29
725	702	9	—	2,044	3,895	3,624	5,166	8,790	30
47	34	3	6	552	3,644	660	3,710	4,370	31
44	58	3	—	524	3,587	634	3,674	4,308	32
68	78	4	—	626	3,447	777	3,562	4,339	33
61	84	—	—	520	3,575	649	3,691	4,340	34
70	102	—	—	501	3,536	644	3,668	4,312	35
44	34	—	—	409	7,436	493	7,546	8,039	36
61	55	—	1	396	7,425	490	7,547	8,037	37
67	60	—	1	401	7,451	498	7,576	8,074	38
80	70	—	1	394	7,441	506	7,576	8,082	39
66	81	—	1	389	7,440	509	7,586	8,095	40
54	111	—	—	384	3,904	496	4,102	4,598	41
63	125	—	—	404	3,845	529	4,063	4,592	42
85	132	—	—	366	3,765	512	3,988	4,500	43
86	142	—	—	369	3,760	522	3,994	4,516	44
96	158	—	—	417	3,730	586	3,982	4,568	45
48	58	4	—	396	932	506	1,131	1,637	46
51	78	3	4	411	864	531	1,093	1,624	47
67	83	2	—	683	859	839	1,094	1,933	48
71	86	4	—	694	844	862	1,083	1,945	49
74	111	3	—	714	842	885	1,111	1,996	50
1,123	1,487	26	7	4,652	23,477	7,054	26,095	33,149	51
1,198	1,677	25	6	4,743	23,183	7,267	26,006	33,273	52
1,298	1,801	25	3	5,057	22,786	7,730	25,763	33,493	53
1,374	1,955	22	2	5,001	22,719	7,795	25,874	33,669	54
1,515	2,115	19	2	5,129	22,302	8,196	25,640	33,836	55
8	23	6	1	24	101	52	144	196	56
8	23	6	1	24	99	52	142	194	57
11	20	6	1	21	102	52	142	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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