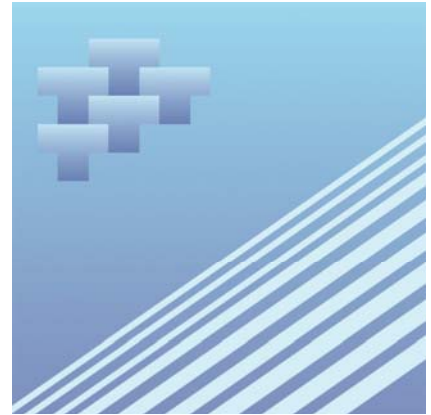




Catalogue no. 52-216-XIE

Rail in Canada

2004



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Statistics Canada
Transportation Division
Multimodal Transport Section

Rail in Canada

2004

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Note of appreciation

Canada owes the success of its statistical system to a long standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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Statistics Canada would like to thank Transport Canada for its assistance in providing origin and destination data on commodities in Canada.

Foreword

Rail in Canada, 2004 provides information on the size and structure of the Canadian rail transport industry. It contains a number of financial and operating statistical tables.

The data released in this publication are based on various surveys of railway companies operating in Canada. The objectives, coverage and methodologies of these surveys are not identical. For details refer to the Data quality, concepts and methodology — Survey concepts and data limitations section of this publication.

Attention Users!

The following changes in the coverage, data and format apply to this and prior publications:

- Data published prior to 1997 conform to industry group 453 (Railway Transport and Related Service Industries). This grouping was part of the **Standard Industrial Classification System (SIC), 1980**, which was replaced by **The North American Industrial Classification System (NAICS)**, to allow comparability with the United States and Mexico. Please refer to the section on Data quality, concepts and methodology — Survey concepts and data limitations for more detail.
- Statistics Canada is required by law to protect the confidentiality of data supplied by survey respondents. However, for decades, railway operations were regulated through governmental approval of shipping rates. Hence, railway statistics were published in detail by carrier and by province/territory. Since deregulation in 1996, the railways can negotiate confidential contracts with shippers. To preserve confidentiality, data on commodity movements are presented by region. Mainline railways have granted permission to Statistics Canada in writing to report their financial and operating statistics as they appear in this publication.
- In 2004, the survey universe was composed of three mainline carriers and 43 regional and short-haul carriers.
- In 2004, results for commodity origin and destination were affected by the addition of carriers in the universe coverage. Changes in commodity flows from or to British Columbia are more representative of a coverage increase in the origin and destination survey than a traffic increase.
- Financial, operational and origin and destination data may change on a year to year basis as a result of fluctuations in currency exchange rates, reclassifications of accounts, etc. Data are also influenced by mergers, acquisitions and companies which may enter or exit the industry.
- A major west coast rail company was purchased by Canadian National in July 2004. The financial and operational data for this company are shown in the 'Regional Railways' category for 2004 and will be shown as part of 'Canadian National', starting with the reference year 2005 data.
- The analysis section of this publication contains revised data from 2000 to 2003.

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Highlights

- In 2004, the Canadian rail industry realized net operating profits of \$1.9 billion. Net income, after tax and extraordinary items was \$1.4 billion.
- The operating revenues of Canadian rail companies rose 6.9% in 2004 compared to 2003, reaching \$8.9 billion.
- In 2004, total operating expenses of rail carriers grew 4.3% compared to the previous year, reaching \$7 billion.
- The total assets of rail companies were valued at \$18.5 billion at the end of the 2004 fiscal year. CN held 46.5% of the total, CP held 36.1%, VIA Rail, 4.9% and regional and short line railways, 15.5%.
- During 2004, more than 2 billion litres of diesel fuel were consumed by railways. The carriers spent \$837 million on diesel fuel.
- In 2004, Canadian railways employed 35.6 thousand persons, down 1.6% from the previous year. The average annual compensation per employee rose 0.7% to exceed \$65,000. Total payroll decreased (0.9%), to \$2.35 billion.
- Total tonnage of revenue freight rose 4.7% in 2004 compared to 2003, reaching near 354 million tonnes. Tonne kilometres increased by 5.8% from 2003 with 336 billion.
- The number of rail passengers in 2004 was 4 million, up 2.3% from 2003. However, passenger-kilometres declined by 0.9% to represent 1.4 billion in 2004 over 2003.
- The three main commodities transported in 2004 by railway companies in Canada were coal with 30.7 million tonnes, mixed carloads or unidentified freight with 21.5 million tonnes, and wheat with 19.8 million tonnes.

Overview of rail transport in 2004

Economy in brief

While the Canadian economy in 2003 was affected by different events (mad cow disease, the SARS epidemic, forest fires, major electricity blackout, etc.), the situation in 2004 was characterized by positive results.

The value of the Canadian dollar continued its upward trend in 2004, its average annual value rising from 71.35 cents US to 76.83 cents US in 2004.¹ Canada's GDP growth rate went from 1.7% in 2003 to 2.8% in 2004. Overall export volume rose 5% while imports rose 6%.² During the year, nearly 285,000 full time jobs were created. The number of part time jobs decreased 0.5%. Unemployment rate decreased 4 percentage points, bringing it back to the level reached in 2001.³ Finally, inflation rate, decreased to 1.9%,⁴ while it was 2.7% in 2003.

Financial performance of rail carriers

In 2004, the rail carriers continued to exhibit improved financial performance evident during the past five years⁵ (see text table 1). Operating revenues reached \$8.9 billion in 2004, up 6.9% from 2003. This increase in operating revenues in 2004 was achieved by a favourable economic climate, mainly for exports and imports, which benefited the carriers' operations. From 2003 to 2004, net operating income increased 17.6%, to \$1.9 billion. Between 2000 and 2004, it rose 11.7%.

In 2004, the market share of the different railways, based on operating revenues, remained practically unchanged compared to 2003. CN and CP obtained a market share of 48.3% and 36.8% respectively. VIA Rail obtained a market share of 4.8%, while regional and short line railways shared the remaining 10.1%.

Text table 1

Distribution of operating revenues by major sources, 2000 to 2004

Year	Operating revenues					Total
	Freight transportation	Passenger transportation	Services to VIA	Government payments	Other	
	\$'000					
2004	7,869,451	265,192	61,767	301,630	357,627	8,855,668
2003	7,336,846	255,822	61,835	306,060	326,704	8,287,268
2002	7,236,766	287,195	64,163	276,410	328,390	8,192,924
2001	7,216,866	268,504	61,459	275,186	327,545	8,149,560
2000	7,196,857	247,338	62,952	285,162	308,233	8,100,542

1. The dollar average annual value was calculated using the average annual exchange rate of 2003 (based on an average of 251 days) and of 2004 (based on an average of 252 days) published by the Bank of Canada.

2. Canadian Economic Observer, April 2005, Statistics Canada, Catalogue No. 11-010-XPB.

3. Labour Force Survey estimates (LFS), by sex and detailed age group, annual data, CANSIM: table 282-0002.

4. Consumer price index (CPI), 2001 basket content, annual (Index, 1992 = 100), CANSIM: Table 326-0002.

5. For the purpose of this publication, the historical analysis focuses on the period 2000 to 2004.

Freight revenues

In 2004, freight transportation generated \$7.9 billion or 88.9% of the total operating revenues in the rail sector (see text table 1). Revenues from this source showed an increase of 7.3% compared to the \$7.3 billion generated in 2003, which was the highest increase in five years. Between 2000 and 2004, revenues from this source rose 9.3%.

Freight revenues for CN showed a 6.9% increase compared to 2003 and accounted for 93.6% of this company's total operating revenues in 2004. With this result, CN obtained 50.9% of all industry operating revenues from freight carriage. CN registered revenue gains in all sectors, except for automotive products. According to CN, this decrease was a result of the stronger Canadian dollar.⁶

For CP, freight revenues accounted for 94.9% of total revenues and 39.4% of total freight revenues for the railway transport industry as a whole. CP registered an increase of 8.9% in freight revenue compared to 2003, obtaining \$3.1 billion. CP realized gains in its revenues in almost all sectors, except for forest and automotive products. To explain the decreases registered by these sectors CP referred to the impact of the Canadian dollar.⁷

Regional and short-haul carriers obtained the remaining 9.7% of freight revenues. For this group of carriers, freight revenues totalled \$768 million in 2004, up 3.1% from 2003.

Passenger revenues

Passenger revenues rose in 2004, from \$255.8 million in 2003 to \$265.2 million in 2004 (see text table 1). During the period from 2000 to 2004, passenger revenues rose 7.2%. The largest annual increase occurred in 2002 with \$287.2 million. In the wake of terrorist events more people have chosen to travel by rail, which might explain the level reached in 2002 for passenger revenues.

VIA Rail, the dominant inter-city transport carrier, collected \$240.4 million in passenger revenues in 2004, an increase of 4.3%. VIA's passenger revenues accounted for 90.7% of all passenger revenues in Canada. These revenues also accounted for 57.1% of all revenues obtained by VIA Rail. The second most important source of income for VIA consisted of government subsidies, which accounted for 41.5% of that company's total revenues. From 2000 to 2004, government subsidies paid to VIA rose 5.9%, but fell 2.3% compared to 2003.

Operating expenses

In 2004, the total expenses of the industry rose 4.3% compared to 2003, reaching \$7 billion (see text table 2). Except for equipment, all expense categories showed increases in 2004. Only VIA (-9.1%) managed to reduce its total operating expenses in 2004. The distribution of expenses among rail carriers remained roughly the same as in 2003. CN and CP accounted for respectively 43.2% and 40.2% of the industry's expenses, while VIA (5.6%) and regional and short line railways (11.0%) accounted for the remainder.

During the last five years, the total operating expenses of the rail industry increased by 8.7% in 2004 over 2000.

Rail operating expenses, which include expenses relating to trains, yard stations and terminals, etc., usually account for the largest percentage of operating expenses. In 2004, these expenses amounted to 42.1% of total expenses. This expense category stood at nearly \$2.9 billion in 2004, up 6.1% from 2003.

6. *Canadian National, 2004 Annual Report, pages 34 to 36.*

7. *Canadian Pacific, 2004 Annual Report, pages 13 to 15.*

Text table 2
Distribution of operating expenses by major category, 2000 to 2004

Year	Operating expenses				
	Ways and structures	Equipment	Rail operations	General	Total
	\$'000				
2004	1,302,561	1,380,972	2,935,481	1,361,105	6,980,123
2003	1,218,878	1,428,561	2,765,619	1,278,837	6,691,896
2002	1,227,812	1,389,300	2,710,633	1,266,135	6,593,880
2001	1,209,088	1,465,863	2,793,077	1,119,912	6,587,940
2000	1,230,377	1,420,580	2,676,069	1,094,452	6,421,478

Equipment, the second main expense category, accounted for 19.7% of the total expenses of the railway transport industry at \$1.4 billion. This represented a decrease of 3.3% compared to the previous year.

General expenses continued the upward trend observed since 2001. In 2004, with \$1.4 billion, they accounted for 19.5% of all expenses and were 6.4% higher than in 2003.

In 2004, ways and structures were up 6.9% from the previous year, and at \$1.3 billion, they represented 18.7% of all expenses generated by the rail industry.

Balance sheet and property accounts

Total assets of railways amounted to \$18.5 billion in 2004 (see text table 3), which represented an increase of 5.0% over 2003. Total assets were divided as follows between the carriers: CN held \$8.6 billion or 46.5% of the total assets of the rail industry; CP held \$6.7 billion (36.1%), VIA had \$911.4 million (4.9%), and regional and short line railways held \$2.3 billion or 12.5%.

Text table 3
Total assets by carrier, 2000 to 2004

Year	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ carriers	Total
	\$'000				
2004	8,612,591	6,680,457	911,404	2,320,385	18,524,837
2003	8,037,214	6,394,416	906,428	2,296,381	17,634,439
2002	7,695,998	5,948,280	892,184	2,445,752	16,982,214
2001	7,343,821	5,887,727	817,722	2,611,569	16,660,839
2000	7,100,770	5,703,024	631,491	1,799,304	15,234,589

1. In this table, the expression regional carrier includes short-haul carrier.

Between 2000 and 2004, the total assets of the rail industry rose 21.6%. During this period, it was CN, in dollar terms (with an increase of \$1.5 billion) that showed the greatest increase in its assets. This may be a result of CN's acquisition of some companies in recent years.

The balances of the main property accounts all increased in 2004. The year-end balance for land was up 5.7%, ways and structures rose 2.2% and equipment increased 4.1%. The year-end balance of the property accounts (including land) totalled \$24.9 billion in 2004 (see text table 4).

Text table 4

Property accounts, totals, balance at the end of the year, 2000 to 2004

Year	Land	Ways and structures	Equipment
	\$'000		
2004	348,847	17,332,695	7,205,356
2003	329,993	16,953,058	6,922,366
2002	325,508	16,429,463	6,620,113
2001	298,213	15,952,204	6,520,788
2000	297,073	15,431,984	6,403,026

For items related to ways and structures, CN accounted for 50.5% and CP for 33.3%. VIA and regional and short line railways accounted for respectively 3.3% and 12.9% for these items.

CN accounted for 46.3% of the total value of equipment in the railway transport industry, CP for 37.8%, VIA for 10.3% and regional and short line railways, 5.6%.

Financial ratios

In 2004, the main financial ratios appear to confirm that the financial situation of rail carriers is continuing to improve even if two of these three ratios showed slight increases over 2003. The operating ratio⁸ was up by a marginal 0.02 percentage point in 2004 to 0.79. This is within the range recorded during the past five years. The debt-equity ratio⁹ increased mildly by 0.02 point over 2003 (see text table 5). In 2000, the debt-asset ratio¹⁰ showed that creditors had supplied 48% of the companies' total funding, whereas, in 2004, funding by creditors had declined to 43%.

Text table 5

Financial ratios, 2000 to 2004

Year	Operating ratio	Debt-asset ratio	Debt-equity ratio
2004	0.79	0.43	0.75
2003	0.81	0.42	0.73
2002	0.80	0.44	0.78
2001	0.81	0.44	0.78
2000	0.79	0.48	0.94

Inventory of equipment in service

The inventory of equipment in service on December 31, 2004 consisted of 2,956 locomotives, of which 2,312 were engaged in freight service, 106 in passenger service and 509 in yard work, while 29 were classified as associated equipment (see text table 6). CN owned 43.2% of the locomotives in service, while CP owned 40.5%. Between the year-ends of 2003 and 2004, the total number of locomotives increased by 53 units.

8. The operating ratio is the proportion of total operating revenues absorbed by total operating expenses.

9. The debt-equity ratio is a measure of solvency calculated by dividing total liabilities by owner's equity.

10. The debt-asset ratio is a measure of solvency calculated by dividing total liabilities by total assets.

Text table 6
Inventory of equipment in service, 2000 to 2004

Year	Locomotives	Freight cars	Passenger cars
	Units		
2004	2,956	99,344	560
2003	2,903	95,687	532
2002	2,887	96,859	497
2001	2,969	101,574	449
2000	2,965	102,762	439

The number of freight cars totalled 99,344, of which 37.7% were hopper cars, 23.7% box cars, 22.9% flat cars, 11.8% gondola cars and 3.9% other equipment. CN owned the largest number of cars in the industry with 51,630, or 52.0% of all cars. CP owned 32,646 cars (32.8% of all cars in the industry), and regional and short-haul carriers held the rest with 15,068 cars (15.2% of the total).

Passenger cars were up slightly in 2004 at 560, compared to 532 cars in 2003. VIA Rail owned 74.8% of all passenger cars on inventory in the industry. The VIA fleet consisted primarily of coaches (48.2% of its fleet), sleeping cars (24.3%) and meal service cars (18.6%).

Length of track operated

The total length of track operated in 2004 was 72,093 kilometres: 60,645 kilometres of track was owned and 11,448 kilometres was operated under lease, contract or trackage rights or was jointly owned (see text table 7). The length of owned track and the length of leased track both slightly increased by 0.6% compared to 2003. Between 2000 and 2004, the total length of track operated declined 1.4%.

Text table 7
Length of track operated, 2000 to 2004

	2000	2001	2002	2003	2004
	kilometres				
Total line owned	61,422	61,559	61,220	60,272	60,645
Total line operated under lease, contract, trackage rights or jointly owned	11,709	11,761	11,403	11,383	11,448
Total track operated	73,131	73,321	72,623	71,655	72,093

Together, CN and CP accounted for 73.6% of the total length of track operated in 2004. In 2000, these two carriers held 74.3% of the total length of track operated.

Fuel consumption

Rail carriers consumed just over 2 billion litres of diesel fuel in 2004 and spent \$837 million for it (see text table 8). Whereas fuel consumption rose 2.5% compared to 2003, the total cost jumped 7.6% over the same period. Between 2000 and 2004, fuel consumption rose 5.8% while the cost increased by 8.2%. This result is characteristic of the rises and fluctuations in the cost of fuel seen in recent years.

Text table 8

Fuel consumption and cost, 2000 to 2004

		2000	2001	2002	2003	2004
Total diesel	'000 litres	1,987,610	2,002,327	2,019,167	2,050,764	2,102,817
Total cost of diesel fuel	\$'000	773,456	806,438	730,184	777,404	836,676

In 2004, CN accounted for 46.3% of total diesel fuel consumption, CP for 40.9%, VIA 2.9% and regional and short-haul carriers 9.9%.

Ontario, with nearly 698 million litres of diesel fuel, and British Columbia, with 471 million litres, registered the highest consumption of diesel fuel in Canada (see Table 7 in the section entitled Statistical tables). This is a result of the large amount of track in these two provinces and the amount of rail activity that it serves.

Operating statistics – Freight transportation

In 2004, the tonnage of revenue freight carried by rail companies in Canada rose slightly to reach nearly 354 million tonnes, up 4.7% from 2003 (see text table 9). The result obtained in 2004 represent a peak never achieved during the past five years.

Total tonne-kilometres increased by 5.8% in 2004 over 2003. The average haul rose 1.1%, from 941 kilometres in 2003 to 951 kilometres in 2004. Also, from 2000 to 2004, total tonne-kilometres rose 4.5%. During this five year period, the average haul on each railway, rose 4.0%, from 914 kilometres in 2000 to the above mentioned figure of 951 kilometres in 2004.

Text table 9

Operating statistics for freight transportation, 2000 to 2004

Year	Tonnes	Tonne-km	Train-km	Car-km	Cars per train
	'000				average number
2004	353,795	336,482,022	120,536	9,348,128	77.6
2003	338,036	317,932,600	117,651	8,650,687	73.5
2002	333,974	318,243,093	117,316	8,360,562	71.3
2001	345,795	321,232,737	115,544	8,439,875	73.0
2000	352,203	321,894,342	116,858	8,420,580	72.1

Total train-kilometres grew by 2.5% in 2004 compared to the previous year, while car-kilometres rose 8.1%. In 2004, the average train length went from 74 cars to approximately 78 cars, an increase of 5.5% compared to 2003. From 2000 to 2004, train-kilometres rose 3.1%, car-kilometres increased 11.0% and the average number of cars per train rose 7.6%. The use of more powerful locomotives may largely explain the results.

Operating statistics – Passenger transportation

The total number of passengers increased by 2.3% in 2004, from 3,958 million in 2003 to 4,048 million in 2004 (see text table 10). Despite this increase, it was the second smallest result to occur in the past five years. Between 2000 and 2004, the number of passengers decreased by 2.7%.

Text table 10

Operating statistics for passenger transportation, 2000 to 2004

Year	Passengers	Passenger-km	Train-km	Car-km	Cars per train ¹
		'000			average number
2004	4,048	1,413,527	11,719	80,985	6.9
2003	3,958	1,426,367	11,781	81,758	6.9
2002	4,251	1,596,947	12,032	80,974	6.7
2001	4,179	1,553,059	11,853	78,595	6.6
2000	4,160	1,532,715	11,714	76,659	6.5

1. Includes freight cars.

A reduction in the distance travelled by passengers is evident from the decrease in passenger-kilometres, which registered a 0.9% decrease over the last year, to 1.4 billion in 2004. The average passenger journey per ticket went from 360 kilometres in 2003 to 349 kilometres in 2004, a decrease of 3.1%. For the period 2000 to 2004, passenger-kilometres declined 7.8%. The average passenger journey per ticket in 2000 was 368 kilometres.

In 2004, train-kilometres declined 0.5% to 11,719, while car-kilometres recorded their first decrease in five years, with a 0.9% drop over 2003. Train-kilometres showed similar results as recorded in 2000, while car-kilometres showed a 5.6% increase over the results of 2000.

Employment and compensation

The average number of employees of rail companies stood at 35,694 in 2004, down 1.6% from 36,276 employees in 2003 (see text table 11). This was the lowest level of employment during the past 100 years. The decrease recorded in 2004, is mainly a result of reorganization and staff reductions for the three mainline companies. Regional and short-haul railways exhibited an increase in their workforce by 1.0% compared to 2003. In 2004, CN still had the largest number of employees, with 41.9% of all employees in the railway transport industry. However, the share was down from the 42.8% that CN had in 2003. CP and regional and short-haul carriers both saw their share of the industry work force increase, and in 2004 they accounted for respectively 36.1% and 13.2% of total employment. VIA Rail held the same share as in 2003, which was of 8.8%. Between 2000 and 2004 the average number of employees of railways decreased by 12.9%.

In 2004, employees received compensation totalling \$2.35 billion, down 0.9% from the \$2.37 billion paid them in 2003.

Text table 11

Statistics on employment and compensation, 2000 to 2004

Year	Number of employees	Compensation	Average annual compensation	Average hourly compensation
		\$'000	\$	
2004	35,694	2,348,179	65,786	26.8
2003	36,276	2,369,407	65,316	26.1
2002	37,246	2,355,677	63,247	26.5
2001	39,475	2,427,766	61,501	25.9
2000	40,983	2,436,163	59,443	25.2

Transportation service employees, the largest group, accounted for 42.9% of employment and 45.9% of total compensation (see table 11 in the section entitled Statistical tables). They were followed by road maintenance

employees, who accounted for 22.8% of the workforce and 20.1% of total compensation. Employees in the “general” category formed the third largest group, representing 17.8% of total employment and 19.4% of total compensation. The fourth and final group consisted of equipment maintenance employees, who accounted for 16.5% of total employment and 14.6% of total compensation paid.

Average annual compensation rose 0.7% from \$65,316 in 2003 to \$65,786 in 2004. The general services group had the highest average annual salary in 2004, namely \$71,784. However, total average hourly compensation increased, going from \$26.1 in 2003 to \$26.8 in 2004.

In 2004, the average annual compensation at CN and CP was respectively \$70,332 and \$65,449. It was marginally lower at VIA, where the average annual wage was \$55,230, and slightly higher at regional and short line railways, at \$59,255.

Commodity origin and destination

Statistics on the origin and destination of commodities are based on CN and CP data and data on the traffic of regional and short-haul carriers. For further details, see the section entitled Data quality, concepts and methodology — Survey methodology, coverage and data limitations at the end of this publication.

The terms “origin” and “destination” used in this publication refer to origins and destinations of railway transport and not to the “real” origin or destination of commodities. Some commodities may enter or leave Canada by marine, surface or air transport and be transferred to or from rail. The transfer point is the origin or destination referred to in this publication.

Text table 12

Top ten commodities by tonnage in Canada, 2003 and 2004

Commodity	2003	2004	2004/2003 change
	tonnes		%
26 Coal	28,569,762	30,714,911	7.5
63 Mixed loads or unidentified freight	21,143,727	21,481,195	1.6
01 Wheat	16,017,121	19,763,129	23.4
35 Potash	14,757,549	16,633,347	12.7
20 Iron ores and concentrates	19,545,389	15,826,385	-19.0
41 Lumber	11,471,338	13,688,746	19.3
34 Other basic chemicals	10,046,761	10,920,238	8.7
43 Wood pulp	8,673,868	10,398,068	19.9
17 Sulphur	6,830,801	8,162,683	19.5
42 Other wood products (plywood, veneer)	6,137,779	7,513,176	22.4
Total of the top ten commodities	143,194,095	155,101,878	8.3
Other commodities	106,594,794	114,654,387	7.6
Total tonnage of all rail commodities	249,788,889	269,756,265	8.0

In 2004, the total tonnage of commodities to or from Canada totalled 269.8 million tonnes (see text table 12). This was an increase of 8.0% compared to the total of 249.8 million tonnes transported in 2003. The ten main commodities accounted for 57.5% of all commodities transported in Canada in 2004.

Coal remained the main commodity transported in Canada with an increase of 7.5% from the previous year. The higher international demand for this commodity explains in part the increase recorded in 2004. Coal, at 30.7 million tonnes, was ahead of the next commodity, mixed carload freight and unidentified freight, by more than 9 million tonnes, showing the importance of this raw material in Canada.

The second and third main commodities, mixed loads or unidentified freight and wheat, both showed increases in 2004 compared to 2003, measuring 1.6% and 23.4% respectively. A better economic climate in 2004 that

promoted an increase in production and the international demand for cereal products explains partially the increase in wheat tonnage.

Text table 13

Tonnage and market share of top 3 commodities by principal destination, by origin, 2003 and 2004

	2003	2004	2004/2003 change	Market share, main destination	Market share, all destination
	tonnes			%	
Atlantic 1 - Quebec					
20 Iron ores and concentrates	19,341,658	15,477,561	-20.0	93.4	57.7
63 Mixed loads or unidentified freight	513,352	406,043	-20.9	2.4	1.5
24 Zinc ores and concentrates	155,267	156,469	0.8	0.9	0.6
Total top three commodities	20,010,277	16,040,073	-19.8	96.8	59.8
Total Atlantic - Quebec	20,506,237	16,578,354	-19.2	100.0	61.8
Total Atlantic - All destinations	30,471,395	26,829,556	-12.0	...	100.0
Quebec - U.S. and Mexico					
63 Mixed loads or unidentified freight	1,714,088	1,987,836	16.0	14.5	6.5
41 Lumber	1,706,757	1,832,983	7.4	13.3	6.0
44 Newsprint	1,566,743	1,481,282	-5.5	10.8	4.9
Total top three commodities	4,987,588	5,302,101	6.3	38.5	17.4
Total Quebec - U.S. and Mexico	12,445,021	13,755,622	10.5	100.0	45.1
Total Quebec - All destinations	29,881,706	30,531,981	2.2	...	100.0
Ontario - U.S. and Mexico					
43 Wood pulp	1,245,432	1,383,717	11.1	8.3	3.5
55 Freight motor vehicles	1,403,364	1,336,590	-4.8	8.0	3.4
54 Automobiles and mini-vans	1,137,052	1,224,197	7.7	7.3	3.1
Total top three commodities	3,785,848	3,944,504	4.2	23.6	10.0
Total Ontario - U.S. and Mexico	16,060,721	16,735,954	4.2	100.0	42.3
Total Ontario - All destinations	38,438,977	39,548,209	2.9	...	100.0
Manitoba - Ontario					
01 Wheat	1,865,272	2,044,360	9.6	53.9	20.7
05 Colza seeds (canola)	382,410	466,273	21.9	12.3	4.7
28 Fuel oils and crude petroleum	218,507	226,547	3.7	6.0	2.3
Total top three commodities	2,466,189	2,737,180	11.0	72.2	27.8
Total Manitoba - Ontario	3,664,056	3,793,684	3.5	100.0	38.5
Total Manitoba - All destinations	10,105,259	9,862,890	-2.4	...	100.0
Saskatchewan - British Columbia					
35 Potash	4,579,388	6,101,957	33.2	48.0	16.6
01 Wheat	2,009,225	3,257,423	62.1	25.6	8.9
03 Fresh, chilled or dried vegetables	866,246	907,070	4.7	7.1	2.5
Total top three commodities	7,454,859	10,266,450	37.7	80.8	27.9
Total Saskatchewan - British Columbia	9,823,835	12,705,857	29.3	100.0	34.5
Total Saskatchewan - All destinations	31,803,418	36,789,138	15.7	...	100.0
Alberta 2 - British Columbia					
17 Sulphur	4,517,520	5,301,701	17.4	23.3	11.3
01 Wheat	2,588,983	4,872,994	88.2	21.5	10.4
34 Other basic chemicals	1,670,154	1,909,429	14.3	8.4	4.1
Total top three commodities	8,776,657	12,084,124	37.7	53.2	25.8
Total Alberta - British Columbia	19,478,043	22,709,009	16.6	100.0	48.6
Total Alberta - All destinations	42,528,901	46,767,202	10.0	...	100.0

See footnotes at the end of the table.

Text table 13 – continued

Tonnage and market share of top 3 commodities by principal destination, by origin, 2003 and 2004

	2003	2004	2004/2003 change	Market share, main destination	Market share, all destination
	tonnes			%	
British Columbia - British Columbia					
26 Coal	19,858,927	22,989,597	15.8	68.5	43.2
40 Wood chips	1,123,969	3,359,874	198.9	10.0	6.3
43 Wood pulp	1,179,909	2,692,196	128.2	8.0	5.1
Total top three commodities	22,162,805	29,041,667	31.0	86.5	54.6
Total British Columbia - British Columbia	23,574,225	33,558,492	42.4	100.0	63.0
Total British Columbia - All destinations	40,254,766	53,226,013	32.2	...	100.0
U.S. and Mexico - Ontario					
34 Other basic chemicals	1,304,034	1,070,000	-17.9	16.0	4.1
38 Plastic and rubber	769,126	820,719	6.7	12.3	3.1
57 Parts and accessories for motor vehicles	686,257	518,247	-24.5	7.8	2.0
Total top three commodities	2,759,417	2,408,966	-12.7	36.1	9.2
Total U.S. and Mexico - Ontario	7,046,349	6,675,239	-5.3	100.0	25.5
Total U.S. and Mexico - All destinations	26,304,469	26,201,276	-0.4	...	100.0

1. Atlantic includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

Text table 13 shows the top three commodities between an origin and its main destination, total tonnage between these origins and destinations and total traffic for origins. This table also shows the percentage change between 2004 and 2003, the market share of each variable with regards to the total between an origin and a destination, and the market share of these variables with regards to the origin's total traffic. The following text contains the highlights of the table.

Atlantic – Quebec

Iron ore and concentrates remained the main commodity transported from the Atlantic region to ports in Quebec. This commodity, at 15.5 million tonnes, accounted for 93.4% of all commodities transported between these two regions and for 57.7% of all commodities transported from the Atlantic region to all other destinations. Total commodities from the Atlantic region to all destinations stood at 26.8 million tonnes in 2004, down 12.0% from the previous year. Strikes and work stoppages in the mining sector might, in part, explain this decrease.

Quebec – United States and Mexico

Traffic from the province of Quebec to the United States and Mexico accounted for 45.1% of all traffic originating from Quebec. In 2004, the three main commodities transported from Quebec to the United States and Mexico were mixed loads or unidentified freight (2.0 million tonnes), lumber (1.8 million tonnes) and newsprint (1.5 million tonnes). Only newsprint showed a decrease in 2004 of -5.5%, whereas mixed loads or unidentified freight and lumber were up from 2003, by 16.0% and 7.4% respectively.

Ontario – United States and Mexico

In 2004, traffic from Ontario to the United States and Mexico stood at 16.7 million tonnes, up 4.2% from 2003. The United States and Mexico accounted for 42.3% of all of Ontario's markets. The main commodity transported from Ontario to the United States and Mexico was wood pulp, which rose 11.1% to 1.4 million tonnes.

Manitoba – Ontario

In 2004, the main commodity transported from Manitoba to Ontario remained wheat, at 2.0 million tonnes, up 9.6% from the previous year. Wheat was by far the main commodity in this market, since it accounted for 53.9% of the total tonnage of all commodities originating in Manitoba and destined for Ontario.

Saskatchewan – British Columbia

In 2004, British Columbia was the main destination for commodities originating from Saskatchewan, accounting for 34.5% of the traffic for all destinations having that province as its origin. At 6.1 million tonnes, potash was the main commodity in this market. Wheat with 3.3 million tonnes was ahead of the next commodity (fresh, chilled or dried vegetables), which weighed in at 907.1 thousand tonnes in 2004.

Alberta – British Columbia

In 2004, the three main commodities transported from Alberta to British Columbia showed increases. Sulphur was the main commodity of this origin and destination with 5.3 million tonnes in 2004. Wheat was second at 4.9 million tonnes and the third commodity, other basic chemicals, recorded 1.9 million tonnes in 2004.

British Columbia – British Columbia

Coal remained by far the leading commodity with British Columbia as both its origin and destination at 23.0 million tonnes with an increase of 15.8% over 2003. Coal accounted for 68.5% of all commodities with this origin and destination and 43.2% of all commodities leaving British Columbia. Wood chips and wood pulp were far behind with tonnages of 3.4 million tonnes and 2.7 million tonnes respectively.

United States and Mexico – Ontario

Of the three main commodities that originated in the United States or Mexico with Ontario as their destination, only plastics and rubber posted an increase in 2004. They went from 769.1 thousand tonnes in 2003 to 820.7 thousand tonnes in 2004, an increase of 6.7%. Other basic chemicals and parts and accessories for motor vehicle were both down from the previous year, 1.1 million tonnes and 518.2 thousand tonnes respectively. Ontario accounted for 25.5% of all traffic originating from the United States and Mexico in 2004.

Related products

Selected publications from Statistics Canada

52-001-X Monthly railway carloadings

Selected CANSIM tables from Statistics Canada

404-0004	Railway transport survey, operating and income accounts, by mainline companies
404-0005	Railway transport survey, operating and income accounts of regional railways
404-0006	Railway transport survey, balance sheet, by mainline companies
404-0007	Railway transport survey, balance sheet summary of regional railways
404-0008	Railway transport survey, property accounts summary of assets and accumulated depreciation, by mainline companies
404-0009	Railway transport survey, property accounts summary of regional railways, by balance at beginning and at end of year
404-0010	Railway transport survey, length of track operated at end of year
404-0011	Railway transport survey, length of track operated, by area at end of year
404-0012	Railway transport survey, diesel fuel consumption
404-0013	Railway transport survey, diesel fuel consumption, by area
404-0014	Railway transport survey, operating statistics, by mainline companies
404-0015	Railway transport survey, operating statistics of regional railways
404-0016	Railway transport survey, summary statistics on freight and passenger transportation
404-0017	Railway transport survey, inventory of equipment in service, by mainline companies
404-0018	Railway transport survey, inventory of equipment in service summary of regional railways
404-0019	Railway transport survey, employees and employee compensation, by major occupational group
404-0020	Railway transport survey, summary statistics on employment, by occupational categories and mainline companies

404-0021	Rail transportation, origin and destination of commodities
404-0022	Rail transportation, origin and destination of intermodal tonnage

Selected surveys from Statistics Canada

2734	Railway Transport Survey - Annual
2736	Rail Commodity Origin and Destination Statistics

Selected tables of Canadian statistics from Statistics Canada

- *Railway carriers, operating statistics*
- *Rail transportation, length of track operated for freight and passenger transportation, by province and territory*
- *Rail transportation, employment and compensation for employees*

Statistical tables

Table 1-1

Rail transportation — Operating and income accounts — Mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
\$'000				
Revenues				
Freight revenues	4,003,517	3,098,002	0	7,101,518
Passenger revenues	10,666	6,366	240,415	257,447
Miscellaneous rail revenues	141,554	120,536	5,650	267,740
Revenues from services for VIA Rail	52,229	1,137	0	53,366
Government payments	67,253	36,783	174,678	278,713
Total rail operating revenues	4,275,218	3,262,824	420,743	7,958,786
Expenses				
Way and structures				
Administration, ways and structures expenses	29,272	78,056	0	107,328
Track and roadway, maintenance	246,407	206,358	9,791	462,556
Track and roadway, depreciation	138,691	58,865	3,499	201,055
Building, maintenance	15,208	8,093	9,030	32,331
Building, depreciation	87,686	78,198	14,364	180,247
Leasehold improvements, amortization	133	242	6,679	7,054
Signals, communications and power, maintenance	30,960	16,319	0	47,280
Signals, communications and power, depreciation	22,477	19,899	0	42,376
Terminals and fuel stations, maintenance	1,925	2,701	0	4,626
Terminals and fuel stations, depreciation	6,283	5,630	0	11,913
Miscellaneous ways and structures expenses	58,907	23,507	229	82,643
Special depreciation, ways and structures expenses	-19,218	-7,405	-23,556	-50,179
Total ways and structures expenses	618,731	490,463	20,036	1,129,230
Equipment				
Administration, equipment expenses	37,203	26,039	9,422	72,664
Locomotives, maintenance and servicing	100,481	157,829	10,947	269,257
Locomotives, depreciation	59,898	42,603	7,945	110,447
Freight cars, maintenance	118,828	92,943	0	211,771
Freight cars, depreciation	42,456	8,895	0	51,351
Passenger cars, maintenance and servicing	2,729	3,874	43,118	49,721
Passenger cars, depreciation	51	103	26,715	26,869
Intermodal equipment, maintenance	42,660	42,471	0	85,131
Intermodal equipment, depreciation	9,801	6,420	0	16,222
Work equipment and roadway machines, maintenance	29,934	22,125	0	52,059
Work equipment and roadway machines, depreciation	12,915	12,454	0	25,369
Other equipment, maintenance	4	0	0	4
Other equipment, depreciation	65	8,117	159	8,342
Net equipment rents expense	100,497	171,708	344	272,549
Miscellaneous equipment expenses	8,350	8,382	578	17,309
Special depreciation, equipment expenses	-1,189	-10,089	-34,487	-45,765
Total equipment expenses	564,683	593,875	64,743	1,223,301
Rail operations				
Administration, rail operation expenses	80,246	148,536	20,498	249,280
Train related expenses	620,708	567,074	114,591	1,302,373
Yard related expenses	163,301	249,546	1,375	414,223
Train control expenses	19,148	16,871	0	36,020
Station and terminal operation	86,088	51,540	16,270	153,898
Other rail operations	14,198	41,435	3,773	59,406
Other transport modes	169,847	129,114	877	299,839
Equipment cleaning and specialized servicing	5,338	1,835	891	8,064
Casualties and claims	64,888	17,563	0	82,451
Miscellaneous rail operation expenses	47,718	8,020	3,755	59,493
Total rail operations expenses	1,271,479	1,231,535	162,031	2,665,045
General				
Administration, general expenses	252,329	267,542	90,440	610,311
Employee benefits	217,778	139,091	4,373	361,243
Taxes, other than on income	67,589	58,802	692	127,082
Other general expenses	23,689	25,057	46,223	94,969
Total general expenses	561,385	490,492	141,728	1,193,605

Table 1-1 – continued

Rail transportation — Operating and income accounts — Mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
	\$'000			
Total rail operating expenses	3,016,277	2,806,366	388,538	6,211,181
Net rail operating income	1,258,941	456,458	32,206	1,747,605
Other income and charges	106,235	-27,070	-3,921	75,244
Net non-rail revenue	0	0	0	0
Income before income taxes and extraordinary items	1,365,177	429,388	28,285	1,822,849
Income taxes	369,000	117,762	6,621	493,383
Net income before extraordinary items	996,177	311,626	21,664	1,329,466
Extraordinary items	0	0	0	0
Net income for the year	996,177	311,626	21,664	1,329,466

Table 1-2

Rail transportation — Operating and income accounts — Summary, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} Railways	Total
	\$'000				
Revenues					
Freight revenues	4,003,517	3,098,002	0	767,933	7,869,452
Passenger revenues	10,666	6,366	240,415	7,745	265,192
All other operating revenues	261,036	158,456	180,328	121,205	721,025
Total rail operating revenues	4,275,218	3,262,824	420,743	896,883	8,855,668
Expenses					
Ways and structures expenses	618,731	490,463	20,036	173,331	1,302,561
Equipment expenses	564,683	593,874	64,741	157,674	1,380,972
Rail operating expenses	1,271,480	1,231,534	162,030	270,437	2,935,481
General expenses	561,385	490,492	141,728	167,500	1,361,105
Total rail operating expenses	3,016,277	2,806,366	388,538	768,942	6,980,123
Net rail operating income	1,258,941	456,458	32,206	127,941	1,875,546
Income before income taxes and extraordinary items	1,365,177	429,388	28,285	119,853	1,942,703
Net income for the year	996,177	311,626	21,664	109,787	1,439,254

1. Includes short-haul carriers.

2. In 2004, this table contains data from 43 regional and short-haul carriers.

Table 2-1

Rail transportation — Balance sheet — Mainline carriers

	Canadian ¹ National	Canadian ¹ Pacific	VIA Rail	Total mainline companies
	\$'000			
Current assets				
Cash	0	0	9,814	9,814
Temporary investments	0	0	0	0
Accounts receivable, trade	423,826	165,382	5,504	594,712
Other accounts receivable	153,646	129,122	551	283,319
Total accounts receivable	577,472	294,504	6,055	878,031
Allowance for doubtful accounts (credit)	59,029	3,768	181	62,978
Material and supplies	76,016	109,749	15,943	201,708
Prepaid expenses	30,056	8,351	1,478	39,885
Other current assets	420,162	91,446	3,976	515,584
Total current assets	1,044,677	500,282	37,085	1,582,044
Non-current assets				
Segregated assets	0	0	0	0
Long-term accounts receivable	26,709	13,847	3,000	43,556
Long-term investments	0	1	110,706	110,707
Long-term intercorporate investments	12,100	58,434	0	70,534
Construction in progress	86,522	20,734	25,306	132,562
Property	12,264,804	8,601,365	1,313,311	22,179,480
Accumulated depreciation, property (credit)	5,314,105	3,468,984	730,675	9,513,764
Deferred charges	491,884	949,578	150,601	1,592,063
Intangible assets	0	0	0	0
Retired property	0	5,200	2,070	7,270
Total non-current assets	7,567,914	6,180,175	874,319	14,622,408
Total assets	8,612,591	6,680,457	911,404	16,204,452
Current liabilities				
Bank loans	0	0	0	0
Loans from Government of Canada	0	0	0	0
Accounts payable	336,683	254,578	7,655	598,916
Accrued liabilities	470,168	463,307	74,483	1,007,958
Notes and other loans payable	0	0	0	0
Income and other taxes payable	413,845	7,427	4,036	425,308
Dividends payable	0	0	0	0
Deferred revenues	5,975	42,726	7,961	56,662
Long-term debt maturing within 12 months	0	0	0	0
Lease obligations due within 1 year	0	579	0	579
Other current liabilities	44,897	1,043	508	46,448
Total current liabilities	1,271,568	769,660	94,643	2,135,871
Non-current liabilities				
Deferred liabilities	500,894	406,942	19,584	927,420
Deferred income taxes (non-current)	837,849	805,630	33,832	1,677,311
Long-term debt	0	0	0	0
Lease obligations	0	285,572	0	285,572
Other deferred credits, long-term	2,880	57,675	635,791	696,346
Minority shareholders' interest in subsidiary companies	4,338	0	0	4,338
Donations and grants	363,547	272,753	0	636,300
Investment tax credits	57,656	56,691	2,986	117,333
Total non-current liabilities	1,767,164	1,885,263	692,193	4,344,620
Shareholders' equity				
Share capital	2,576,185	0	9,300	2,585,485
Contributed surplus	297,102	0	4,963	302,065
Retained earnings	2,095,393	0	110,305	2,205,698
Net investment in rail assets	605,179	4,025,534	0	4,630,713
Total shareholders' equity	5,573,859	4,025,534	124,568	9,723,961
Total liabilities and shareholders' equity	8,612,591	6,680,457	911,404	16,204,452

1. CN and CP report for Canadian operations only. Some current accounts for these companies (e.g. cash) have been applied to liabilities.

Table 2-2

Rail transportation — Balance sheet — Summary, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} Railways	Total
	\$'000				
Total current assets	1,044,677	500,282	37,085	307,774	1,889,818
Total non-current assets	7,567,914	6,180,175	874,319	2,012,610	16,635,018
Total assets	8,612,591	6,680,457	911,404	2,320,385	18,524,837
Total current liabilities	1,271,568	769,660	94,643	333,769	2,469,640
Total non-current liabilities	1,767,164	1,885,263	692,193	1,139,447	5,484,067
Total shareholders' equity	5,573,859	4,025,534	124,568	847,173	10,571,134
Total liabilities and shareholders' equity	8,612,591	6,680,457	911,404	2,320,389	18,524,841

1. Includes short-haul carriers.

2. In 2004, this table contains data from 41 regional and short-haul carriers.

Table 3-1

Rail transportation — Summary of property accounts — Assets and accumulated depreciation, mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
	\$'000			
Land				
Balance at beginning of year	149,618	104,347	4,963	258,928
Balance at end of year	154,860	117,475	4,963	277,298
Ways and Structures:				
Track and roadway				
Balance at beginning of year	5,870,984	3,867,303	135,847	9,874,135
Balance at end of year	5,983,429	3,985,667	142,007	10,111,103
Accumulated depreciation	1,877,090	1,360,949	51,524	3,289,563
Net book value	4,106,339	2,624,718	90,483	6,821,540
Buildings and related machinery and equipment				
Balance at beginning of year	1,484,030	901,273	252,221	2,637,524
Balance at end of year	1,412,944	989,315	262,664	2,664,923
Accumulated depreciation	627,502	320,847	179,164	1,127,514
Net book value	785,442	668,468	83,500	1,537,409
Leasehold improvements				
Balance at beginning of year	7,294	1,687	158,621	167,601
Balance at end of year	7,294	2,958	163,995	174,246
Accumulated depreciation	5,022	2,106	120,944	128,071
Net book value	2,272	852	43,051	46,175
Signals, communications and power				
Balance at beginning of year	1,040,311	507,642	0	1,547,953
Balance at end of year	1,065,086	515,287	0	1,580,374
Accumulated depreciation	576,544	263,840	0	840,384
Net book value	488,543	251,447	0	739,990
Terminals and fuel stations				
Balance at beginning of year	283,159	280,288	0	563,447
Balance at end of year	283,208	287,585	0	570,793
Accumulated depreciation	46,456	60,529	0	106,985
Net book value	236,753	227,055	0	463,808
Total, Ways and Structures				
Balance at beginning of year	8,685,778	5,558,193	546,689	14,790,660
Balance at end of year	8,751,961	5,780,812	568,666	15,101,438
Accumulated depreciation	3,132,614	2,008,272	351,632	5,492,518
Net book value	5,619,347	3,772,540	217,034	9,608,921
Equipment:				
Rolling stock - revenue service				
Balance at beginning of year	2,541,005	2,097,906	673,650	5,312,561
Balance at end of year	2,609,563	2,175,956	738,150	5,523,668
Accumulated depreciation	1,196,831	966,679	378,105	2,541,614
Net book value	1,412,732	1,209,277	360,045	2,982,054
Intermodal equipment				
Balance at beginning of year	225,178	131,867	0	357,045
Balance at end of year	247,059	133,299	0	380,358
Accumulated depreciation	44,147	58,164	0	102,311
Net book value	202,912	75,135	0	278,047
Work equipment and roadway machines				
Balance at beginning of year	403,651	295,805	0	699,456
Balance at end of year	420,194	294,815	0	715,009
Accumulated depreciation	291,833	151,483	0	443,316
Net book value	128,361	143,333	0	271,693
Other equipment				
Balance at beginning of year	37,857	110,426	1,623	149,907
Balance at end of year	58,648	117,424	1,532	177,604
Accumulated depreciation	29,361	65,692	938	95,990
Net book value	29,287	51,733	594	81,614

Table 3-1 – continued

Rail transportation — Summary of property accounts — Assets and accumulated depreciation, mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
	\$'000			
Total, equipment				
Balance at beginning of year	3,207,690	2,636,004	675,274	6,518,968
Balance at end of year	3,335,464	2,721,495	739,682	6,796,641
Accumulated depreciation	1,562,172	1,242,017	379,043	3,183,232
Net book value	1,773,292	1,479,478	360,639	3,613,409
Total				
Balance at beginning of year	11,893,468	8,194,197	1,221,963	21,309,628
Balance at end of year	12,087,424	8,502,307	1,308,348	21,898,079
Accumulated depreciation	4,694,786	3,250,288	730,675	8,675,749
Net book value	7,392,639	5,252,018	577,673	13,222,330
Miscellaneous Property Accounts				
Balance at beginning of year	17,332	8,823	0	26,155
Balance at end of year	22,520	11,748	0	34,268

Table 3-2

Rail transportation — Summary of property accounts — Balance at beginning and end of year, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} Railways	Total
\$'000					
Land					
Balance at beginning of year	149,618	104,347	4,963	72,751	331,679
Balance at end of year	154,860	117,475	4,963	71,549	348,847
Ways and Structures:					
Track and roadway					
Balance at beginning of year	5,870,984	3,867,303	135,847	1,887,865	11,761,999
Balance at end of year	5,983,429	3,985,667	142,007	1,929,989	12,041,092
Buildings and related machinery and equipment					
Balance at beginning of year	1,484,030	901,273	252,221	183,953	2,821,477
Balance at end of year	1,412,944	989,315	262,664	194,544	2,859,467
Leasehold improvements					
Balance at beginning of year	7,294	1,687	158,621	5,186	172,788
Balance at end of year	7,294	2,958	163,995	8,296	182,543
Signals, communications and power					
Balance at beginning of year	1,040,311	507,642	0	89,821	1,637,774
Balance at end of year	1,065,086	515,287	0	90,474	1,670,847
Terminals and fuel stations					
Balance at beginning of year	283,159	280,288	0	7,984	571,431
Balance at end of year	283,208	287,585	0	7,954	578,747
Total, Ways and Structures					
Balance at beginning of year	8,685,778	5,558,193	546,689	2,174,808	16,965,468
Balance at end of year	8,751,961	5,780,812	568,666	2,231,257	17,332,696
Equipment:					
Rolling stock - revenue service					
Balance at beginning of year	2,541,005	2,097,906	673,650	249,641	5,562,202
Balance at end of year	2,609,563	2,175,956	738,150	252,543	5,776,212
Intermodal equipment					
Balance at beginning of year	225,178	131,867	0	26,185	383,230
Balance at end of year	247,059	133,299	0	26,192	406,550
Work equipment and roadway machines					
Balance at beginning of year	403,651	295,805	0	96,363	795,819
Balance at end of year	420,194	294,815	0	97,983	812,992
Other equipment					
Balance at beginning of year	37,857	110,426	1,623	31,350	181,256
Balance at end of year	58,648	117,424	1,532	31,997	209,601
Total, equipment					
Balance at beginning of year	3,207,690	2,636,004	675,274	403,538	6,922,506
Balance at end of year	3,335,464	2,721,495	739,682	408,715	7,205,356
Total					
Balance at beginning of year	11,893,468	8,194,197	1,221,963	2,578,347	23,887,975
Balance at end of year	12,087,424	8,502,307	1,308,348	2,639,972	24,538,051
Miscellaneous Property Accounts					
Balance at beginning of year	17,332	8,823	0	615	26,770
Balance at end of year	22,520	11,748	0	649	34,917

1. Includes short-haul carriers.

2. In 2004, this table contains data from 39 regional and short-haul carriers.

Table 4

Rail transportation — Length of track operated at December 31, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
kilometres					
Lined owned					
First main track	18,424	11,827	208	11,692	42,151
Second and other main track	1,967	766	0	278	3,012
Industrial, yard and sidings	8,170	4,791	0	2,521	15,482
Total line owned	28,561	17,384	208	14,492	60,645
Line operated under lease, contract, trackage rights or jointly owned					
First main track	338	2,807	8	2,930	6,083
Second and other main track	59	452	0	412	923
Industrial, yard and sidings	1,894	1,550	0	998	4,442
Total line operated under lease, contract, trackage rights or jointly owned	2,291	4,809	8	4,340	11,448
Total track operated	30,853	22,193	216	18,832	72,093

1. Includes short-haul carriers.

2. In 2004, this table contains data from 43 regional and short-haul carriers.

Table 5

Rail transportation — Length of track operated, by area, at December 31, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
kilometres					
First Main Track					
Newfoundland and Labrador	0	0	0	455	455
Nova Scotia	261	0	0	370	632
New Brunswick	645	0	0	512	1,156
Quebec	2,955	352	8	2,793	6,109
Ontario	4,749	3,792	208	3,169	11,918
Manitoba	1,402	1,970	0	1,862	5,234
Saskatchewan	3,953	4,109	0	505	8,567
Alberta	2,671	2,665	0	1,847	7,184
British Columbia	2,048	1,746	0	2,989	6,783
Northwest Territories	0	0	0	119	119
United States	78	0	0	0	78
Total	18,762	14,634	216	14,622	48,234
Total Track Operated					
Newfoundland and Labrador	0	0	0	528	528
Nova Scotia	577	0	0	443	1,020
New Brunswick	1,094	0	0	700	1,794
Quebec	4,848	925	8	3,638	9,420
Ontario	9,144	6,416	208	4,629	20,397
Manitoba	2,404	2,802	0	2,007	7,213
Saskatchewan	5,280	5,275	0	661	11,217
Alberta	4,155	3,843	0	2,015	10,013
British Columbia	3,237	2,931	0	4,083	10,251
Northwest Territories	0	0	0	129	129
United States	112	0	0	0	112
Total	30,853	22,193	216	18,832	72,093

1. Includes short-haul carriers.

2. In 2004, this table contains data from 43 regional and short-haul carriers.

Table 6

Rail transportation — Diesel fuel consumed, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
'000 litres					
Diesel					
Freight	932,652	841,623	0	184,698	1,958,973
Passenger	492	0	60,365	3,991	64,848
Yard switching	38,378	17,947	273	16,470	73,068
Work train	1,743	1,584	0	2,602	5,928
Total diesel	973,265	861,153	60,638	207,761	2,102,817
Total cost of diesel fuel \$	372,890,511	347,486,178	23,977,018	92,322,293	836,676,000

1. Includes short-haul carriers.

2. In 2004, this table contains data from 43 regional and short-haul carriers.

Table 7

Rail transportation — Diesel fuel consumed by province or territory, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
	'000 litres				
Diesel					
Newfoundland and Labrador	0	0	0	10,245	10,245
Nova Scotia	9,488	0	1,497	4,278	15,263
New Brunswick	27,956	0	2,310	8,233	38,499
Quebec	92,313	13,826	12,788	59,401	178,328
Ontario	382,101	260,587	30,306	24,677	697,671
Manitoba	94,185	59,088	3,927	6,139	163,339
Saskatchewan	105,385	118,438	2,850	2,541	229,214
Alberta	116,908	150,599	2,529	20,821	290,857
British Columbia	137,665	258,615	4,431	70,146	470,858
Northwest Territories	0	0	0	1,281	1,281
United States	7,263	0	0	0	7,263
Total areas	973,265	861,153	60,638	207,761	2,102,817

1. Includes short-haul carriers.

2. In 2004, this table contains data from 43 regional and short-haul carriers.

Table 8-1

Rail transportation — Operating statistics — Mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
	metric units			
Train-kilometres				
Freight	58,233,107	50,746,989	0	108,980,096
Passenger				
Locomotive drawn for passenger services	217,583	0	10,588,061	10,805,644
Rail diesel car for passenger services	0	0	309,556	309,556
In work train service	282,659	279,392	0	562,051
Total train-kilometres	58,733,349	51,026,381	10,897,617	120,657,346
Locomotive unit-kilometres				
Hauling freight trains	127,586,126	112,843,339	0	240,429,464
Hauling passenger trains	268,735	0	14,574,028	14,842,762
Switching freight trains	15,292,278	16,645,653	0	31,937,931
Helping, doubling and running light	0	0	0	0
In work train service	305,252	497,157	0	802,409
Total locomotive unit-kilometres	143,452,390	129,986,148	14,574,028	288,012,566
Freight car-kilometres				
Loaded	3,446,723,548	2,313,698,309	0	5,760,421,858
Empty	1,714,679,571	1,315,660,173	0	3,030,339,744
Cabooses	271,024	248,978	0	520,003
In work train service	970,598	557,066	0	1,527,664
Total freight car-kilometres	5,162,644,742	3,630,164,527	0	8,792,809,268
Passenger car-kilometres				
Head-end cars	333,456	0	5,453,679	5,787,135
Meal service and lounge cars	102,007	0	16,584,784	16,686,791
Sleeping cars	0	0	20,796,967	20,796,967
Coaches	333,456	127,893	34,555,636	35,016,985
Rail diesel cars	0	0	495,475	495,475
Commuter cars	0	0	0	0
In work train service	0	25,513	0	25,513
Total passenger car-kilometres	768,919	153,406	77,886,541	78,808,866
Gross tonne-kilometres				
Freight train cars, contents and cabooses ('000)	331,966,753	266,188,802	0	598,155,555
Passenger train cars (cars only) ('000)	41,141	11,965	4,129,586	4,182,692
Train hours				
Freight	1,228,452	1,554,502	0	2,782,954
Passenger	0	0	0	0
Total train hours	1,228,452	1,554,502	0	2,782,954

Table 8-2

Rail transportation — Operating statistics — Summary, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} Railways	Total
metric units					
Train-kilometres					
Freight	58,233,107	50,746,989	0	11,555,660	120,535,756
Passenger					
Locomotive drawn for passenger services	217,583	0	10,588,061	604,130	11,409,774
Rail diesel car for passenger services	0	0	309,556	0	309,556
Total train-kilometres³	58,733,349	51,026,381	10,897,617	12,203,260	132,860,607
Locomotive unit-kilometres					
Hauling freight trains	127,586,126	112,843,339	0	9,196,265	249,625,730
Hauling passenger trains	268,735	0	14,574,028	429,775	15,272,538
Switching freight trains	15,292,278	16,645,653	0	1,086,729	33,024,660
Helping, doubling and running light	0	0	0	0	0
Total locomotive unit-kilometres³	143,452,390	129,986,148	14,574,028	10,712,769	298,725,335
Freight car-kilometres					
Loaded	3,446,723,548	2,313,698,309	0	305,893,419	6,066,315,276
Empty	1,714,679,571	1,315,660,173	0	245,325,462	3,275,665,206
Caboose	271,024	248,978	0	4,100,178	4,620,180
Total freight car-kilometres³	5,162,644,742	3,630,164,527	0	555,319,059	9,348,128,328
Total passenger car-kilometres	768,919	153,406	77,886,541	2,175,755	80,984,621
Gross tonne-kilometres					
Freight train cars, contents and cabooses ('000)	331,966,753	266,188,802	0	46,992,898	645,148,453
Passenger train cars (cars only) ('000)	41,141	11,965	4,129,586	122,702	4,305,394
Train hours					
Freight	1,228,452	1,554,502	0	292,277	3,075,231
Passenger	0	0	0	10,340	10,340
Total train hours	1,228,452	1,554,502	0	302,617	3,085,571

1. Includes short-haul carriers.

2. In 2004, this table contains data from 39 regional and short-haul carriers.

3. This total includes "in work train service".

Table 9

Rail transportation — Summary statistics on freight and passenger transportation, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
	metric units				
Revenue freight					
Revenue freight, tonnes ('000)	133,165	114,476	0	106,154	353,795
Revenue freight, tonne-kilometres ('000)	172,754,142	140,900,364	0	22,827,516	336,482,022
Revenue freight, average haul on each railway (km)	1,297	1,231	0	215	951
Revenue and non-revenue freight					
Revenue and non-revenue freight, tonnes ('000)	137,285	117,315	0	113,453	368,053
Revenue and non-revenue freight, tonne-kilometres ('000)	174,080,435	142,644,494	0	23,882,801	340,607,730
Revenue and non-revenue freight, average haul on each railway (km)	1,268	1,216	0	211	925
Revenue passengers					
Revenue passengers, passengers ('000)	68	0	3,887	93	4,048
Revenue passengers, passenger-kilometres ('000)	26,055	0	1,369,552	17,920	1,413,527
Revenue passengers, average passenger journey per ticket (km)	382	0	352	193	349
Transportation services, averages					
Transportation services, averages, cars per freight train (No.)	88.6	71.5	0.0	48.1	77.5
Transportation services, averages, cars per passenger train (No.)	3.5	0.0	7.2	3.6	6.9
Transportation services, averages, freight carload (t)	50.5	61.7	0.0	78.1	56.2
Transportation services, averages, empty freight car-kilometres (%)	33.2	36.3	0.0	44.5	35.1
Transportation services, averages, freight train speed (km/hr)	47.4	32.7	0.0	39.5	39.2

1. Includes short-haul carriers.

2. In 2004, this table contains data from 38 regional and short-haul carriers.

Table 10-1

Rail transportation — Inventory of equipment in service — Mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
	number			
Locomotives				
Freight				
Diesel	981	971	0	1,952
Electric	0	0	0	0
Total freight locomotives	981	971	0	1,952
Passenger				
Diesel	0	3	76	79
Electric	0	0	0	0
Other	14	1	0	15
Total passenger locomotives	14	4	76	94
Yard				
Diesel	283	203	0	486
Electric	0	0	0	0
Total yard locomotives	283	203	0	486
Associated equipment	0	20	0	20
Total locomotives	1,278	1,198	76	2,552
Freight Cars				
Box	14,016	5,019	0	19,035
Hopper	18,638	17,659	0	36,297
Gondola	5,970	3,819	0	9,789
Refrigerator	0	0	0	0
Flat	10,655	6,048	0	16,703
Stock	0	0	0	0
Caboose	52	101	0	153
Other	2,299	0	0	2,299
Total freight cars	51,630	32,646	0	84,276
Passenger cars				
Head-end	8	6	31	45
Meal and/or lounge	4	9	78	91
Sleeping	1	3	102	106
Coach	28	2	202	232
Diesel	0	0	6	6
Commuter	0	0	0	0
Other	0	0	0	0
Total passenger cars	41	20	419	480

Table 10-2

Rail transportation — Inventory of equipment in service — Summary, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} Railways	Total
	number				
Locomotives					
Total freight locomotives	981	971	0	360	2,312
Total passenger locomotives	14	4	76	12	106
Total yard locomotives	283	203	0	23	509
Associated equipment	0	20	0	9	29
Total locomotives	1,278	1,198	76	404	2,956
Total freight cars	51,630	32,646	0	15,068	99,344
Total passenger cars	41	20	419	80	560

1. Includes short-haul carriers.

2. In 2004, this table contains data from 39 regional and short-haul carriers.

Table 11

Rail transportation — Summary statistics on employment by major occupational group, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ^{1,2} railways	Total
	number				
Average number of employees					
General services	2,700	2,346	608	700	6,354
Road maintenance	4,006	2,885	15	1,225	8,131
Equipment maintenance	2,384	1,798	804	891	5,877
Transportation	5,875	5,866	1,679	1,912	15,332
Total major occupational group	14,965	12,895	3,106	4,728	35,694
	\$'000,000				
Total compensation					
General services	217.1	164.9	33.3	40.9	456.1
Road maintenance	241.0	166.8	0.8	63.9	472.4
Equipment maintenance	142.1	106.3	41.4	51.6	341.4
Transportation	452.4	406.1	96.0	123.8	1,078.3
Total major occupational group	1,052.5	844.0	171.5	280.2	2,348.2
	\$				
Average compensation per year					
General services	80,394	70,270	54,784	58,415	71,784
Road maintenance	60,149	57,805	54,122	52,135	58,099
Equipment maintenance	59,620	59,115	51,503	57,872	58,090
Transportation	76,997	69,222	57,185	64,768	70,328
Total major occupational group	70,332	65,449	55,230	59,255	65,786
Average compensation per hour					
General services	38.7	33.3	26.3	31.9	34.8
Road maintenance	25.0	24.4	24.8	27.1	25.1
Equipment maintenance	26.6	26.2	24.7	30.1	26.7
Transportation	22.5	26.6	27.5	31.0	25.2
Total major occupational group	25.9	27.2	26.6	30.0	26.8

1. Includes short-haul carriers.

2. In 2004, this table contains data from 41 regional and short-haul carriers.

Table 12

Rail transportation — Summary statistics on employment by occupational categories, mainline carriers

	Average number of employees		Service hours paid for employees	Total employee compensation		Average hours paid for employees	Average hourly employee compensation	Average annual employee compensation
	no.	%	'000	\$'000	%	hrs	\$	
Managerial and supervisory								
Canadian National and Canadian Pacific	2,350	8.4	4,952	240,500	12.7	2,107	48.6	102,340
VIA Rail	195	6.3	407	15,115	8.8	2,088	37.1	77,513
Total mainline companies	2,545	8.2	5,359	255,615	12.4	2,106	47.7	100,438
Professional, scientific, technical and staff assistants								
Canadian National and Canadian Pacific	4,834	17.4	10,152	341,117	18.0	2,100	33.6	70,566
VIA Rail	266	8.6	552	17,284	10.1	2,076	31.3	64,978
Total mainline companies	5,100	16.5	10,704	358,401	17.3	2,099	33.5	70,275
Clerical								
Canadian National and Canadian Pacific	2,046	7.3	4,527	103,880	5.5	2,213	23.0	50,772
VIA Rail	518	16.7	1,078	22,915	13.4	2,080	21.3	44,238
Total mainline companies	2,564	8.3	5,605	126,795	6.1	2,186	22.6	49,452
Running trades								
Canadian National and Canadian Pacific	8,745	31.4	28,804	656,604	34.6	3,294	22.8	75,083
VIA Rail	416	13.4	865	37,267	21.7	2,079	43.1	89,585
Total mainline companies	9,161	29.6	29,669	693,871	33.6	3,239	23.4	75,742
Working foremen								
Canadian National and Canadian Pacific	1,154	4.1	2,856	70,933	3.7	2,475	24.8	61,467
VIA Rail	3	0.1	7	167	0.1	2,223	25.0	55,567
Total mainline companies	1,157	3.7	2,862	71,099	3.4	2,474	24.8	61,451
Craftsmen, tradesmen, lead hands, service workers and helpers								
Canadian National and Canadian Pacific	7,954	28.5	18,744	448,191	23.6	2,357	23.9	56,348
VIA Rail	1,409	45.4	2,931	65,971	38.5	2,080	22.5	46,821
Total mainline companies	9,363	30.2	21,675	514,162	24.9	2,315	23.7	54,914
Labourers, including building attendants and coach cleaners								
Canadian National and Canadian Pacific	777	2.8	1,759	35,256	1.9	2,264	20.0	45,374
VIA Rail	299	9.6	621	12,824	7.5	2,078	20.6	42,890
Total mainline companies	1,076	3.5	2,380	48,080	2.3	2,212	20.2	44,684
Total occupational categories								
Canadian National and Canadian Pacific	27,860	100.0	71,793	1,896,480	100.0	2,577	26.4	68,072
VIA Rail	3,106	100.0	6,461	171,543	100.0	2,080	26.6	55,230
Total mainline companies	30,966	100.0	78,254	2,068,023	100.0	2,527	26.4	66,784

Table 13

Rail transportation — Origin and destination of commodity transported

	Destination									
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S.	Mexico	Total tonnage for all destinations
	tonnes									
Origin										
Atlantic	5,515,227	16,578,354	1,341,556	38,148	9,920	147,333	73,361	3,125,096	561	26,829,556
Quebec	2,254,497	5,861,773	5,786,167	334,693	120,778	748,555	1,669,895	13,552,968	202,654	30,531,981
Ontario	1,554,616	5,718,760	8,036,856	906,711	323,448	3,755,684	2,516,181	16,532,679	203,275	39,548,209
Manitoba	71,501	627,568	3,793,684	516,234	264,572	147,874	739,786	3,372,111	329,560	9,862,890
Saskatchewan	393,109	1,242,603	7,382,951	1,270,379	196,673	1,041,386	12,705,857	12,461,889	94,292	36,789,138
Alberta	140,702	1,134,865	2,894,515	1,287,068	974,076	3,011,767	22,709,009	14,561,436	53,765	46,767,202
British Columbia	173,565	2,570,215	5,146,555	309,623	93,584	1,165,105	33,558,492	10,203,281	5,595	53,226,013
U.S.	1,123,776	5,026,761	6,657,500	676,148	1,045,099	3,714,673	1,483,927	6,437,719	14,624	26,180,226
Mexico	501	1,881	17,739	355	0	456	119	0	.	21,050
Total tonnage from all origins	11,227,493	38,762,780	41,057,521	5,339,358	3,028,150	13,732,833	75,456,627	80,247,178	904,325	269,756,265

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

Source: Transport Canada

Table 14-1

Rail transportation — Commodity movements from Atlantic

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	269	0	0	0	0	0	0	7,641	7,911
02 Other cereal grains	328	21	10,982	0	0	0	0	1,119	12,450
03 Fresh, chilled or dried vegetables	0	1,512	16,792	167	76	102	320	146	19,115
04 Fresh, chilled or dried fruit and nuts	0	27	44	0	0	0	0	0	71
05 Colza seeds (canola)	0	0	0	183	0	0	0	0	183
06 Other oil seeds and nuts, other agricultural product	0	191	1,931	52	150	702	231	0	3,258
07 Animal feed and products	0	455	480	0	0	48	22	681	1,686
08 Meat, fish, seafood and preparations	0	216	94	0	0	378	1,163	302	2,154
09 Milled grain production and preparations, bakery products	0	48	560	0	0	41	0	4,412	5,060
10 Animal or vegetable fats, oils and flours	0	91	2	0	0	0	0	60	152
11 Sugar	0	370	0	80	0	64	62	0	575
12 Prepared food stuffs, not elsewhere classified	0	589	351	7,303	0	236	703	6	9,188
13 Alcoholic and non-alcoholic beverages	0	4,876	22,388	2,351	178	4,613	3,654	120	38,181
14 Sand, gravel and crushed stone	0	56,169	0	0	0	47	150	114	56,481
15 Salt	63,533	4,530	0	0	0	0	0	0	68,063
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	9,363	0	30	0	0	0	0	32,361	41,754
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	3,282,620	4,018	57,407	0	0	54	65	53,227	3,397,391
20 Iron ores and concentrates	0	15,477,561	0	0	0	0	0	0	15,477,561
21 Copper ores and concentrates	0	10,587	0	0	0	0	0	0	10,587
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	156,469	0	0	0	0	0	0	156,469
25 Other metallic ores and concentrates	0	0	0	0	0	0	0	0	0
26 Coal	894,356	0	0	0	0	0	0	0	894,356
27 Gasoline and aviation turbine fuel	2,275	0	0	0	0	0	0	0	2,275
28 Fuel oils and crude petroleum	48,172	0	242	0	0	0	0	0	48,415
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	110,815	32,055	17,629	0	2,271	6,580	0	207,485	376,836
30 Coal coke and petroleum coke	1,669	2,037	0	0	0	0	0	0	3,706
31 Other refined petroleum and coal products	280	211	334	0	0	307	0	0	1,132
32 Sulphuric acid	0	88	973	0	0	0	0	51,658	52,719
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	14,073	27,068	5,668	2,354	169	101	120	19,741	69,294
35 Potash	774,171	25,254	90	0	0	0	0	227,971	1,027,486
36 Fertilizers (excluding potash)	71,708	0	0	0	0	0	0	0	71,708
37 Other chemical products and preparations	0	642	465	49	698	149	0	0	2,002
38 Plastic and rubber	4,156	18,738	31,517	929	23	3,290	959	24,473	84,084
39 Logs and other wood in the rough	81,245	9,244	62	0	0	0	0	8,215	98,765
40 Wood chips	22,027	18,557	59	0	0	0	0	0	40,643
41 Lumber	4,697	14,522	5,020	54	0	314	50	670,730	695,388
42 Other wood products (plywood, veneer)	0	1,526	13,429	4,257	380	5,948	1,734	233,513	260,786
43 Wood pulp	94,130	6,664	118,719	0	0	0	0	224,071	443,584
44 Newsprint	0	7,472	7,732	0	0	0	0	191,799	207,002

See footnotes at the end of the table.

Table 14-1 – continued

Rail transportation — Commodity movements from Atlantic

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
tonnes									
45 Paper and paperboard, except printed products	722	38,525	127,036	540	105	7,430	4,895	667,155	846,407
46 Cement	32,012	23,860	0	0	0	0	0	0	55,872
47 Other non-metallic mineral products	0	14,498	34,201	2,011	536	3,514	2,523	24,458	81,740
48 Iron and steel, primary or semi-finished	141	63	0	0	0	0	0	471	674
49 Copper, primary or semi-finished	0	0	0	0	0	0	0	0	0
50 Aluminum, primary or semi-finished	0	6,976	0	0	0	0	0	0	6,976
51 Other non-ferrous metal, primary or semi-finished	0	7,869	9,546	0	0	65,252	2,018	38,026	122,710
52 Articles of base metal	18	2,592	240	83	0	318	101	2,952	6,302
53 Machinery	0	1,701	398	0	0	1,861	203	257	4,420
54 Automobiles and mini-vans	1,624	33,187	54,945	3,125	1,943	14,295	20,424	0	129,542
55 Freight motor vehicles	0	37	3	0	0	0	0	0	40
56 Other vehicles	0	7	84	0	0	681	0	0	773
57 Parts and accessories for motor vehicles	0	65	156	0	0	0	0	30	251
58 Other transportation equipment	250	269	101	0	0	0	10	54	683
59 Metallic waste and scrap	136	148,856	7,802	0	0	0	0	1,342	158,136
60 Non-metallic waste and scrap	0	3,365	4,508	0	0	0	39	4,005	11,917
61 Other manufactured and miscellaneous goods	258	8,245	5,535	601	560	3,058	737	231	19,224
62 Pool car traffic of freight forwarder and ship associated	0	381	2,408	53	0	96	43	0	2,980
63 Mixed loads or unidentified freight	180	406,043	781,494	13,957	2,832	27,604	33,138	426,831	1,692,078
64 Less than carload shipments	0	9	101	0	0	253	0	0	363
Total tonnage of all rail commodities	5,515,227	16,578,354	1,341,556	38,148	9,920	147,333	73,361	3,125,657	26,829,556
Car type ⁴									
Containers on flat cars (COFC)	2,166	453,733	898,029	26,502	4,139	42,764	44,782	461,443	1,933,559
Trailers on flat cars (TOFC)	0	2,526	28,995	111	0	267	17	9,374	41,289

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. COFC and TOFC tonnage is included in the grand total.

Note: Data for COFC and TOFC from Atlantic have been revised for 2002 and 2003; please contact Transportation Division for revisions.

Source: Transport Canada

Table 14-2

Rail transportation — Commodity movements to Atlantic

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	269	3,249	3,955	21,342	12,995	25	0	40	41,875
02 Other cereal grains	328	46,341	21,678	278	5,267	0	0	41,007	114,899
03 Fresh, chilled or dried vegetables	0	1,008	2,420	5,105	20,482	1,193	11	1,755	31,974
04 Fresh, chilled or dried fruit and nuts	0	0	44	0	0	0	644	0	688
05 Colza seeds (canola)	0	0	0	0	0	0	0	0	0
06 Other oil seeds and nuts, other agricultural product	0	40	39	2,526	781	18	152	13,158	16,713
07 Animal feed and products	0	64	27,947	3,025	385	3,555	46	54,438	89,460
08 Meat, fish, seafood and preparations	0	227	579	26	25	341	1,891	4,780	7,869
09 Milled grain production and preparations, bakery products	0	426	20,500	14,669	3,586	49	19	9,273	48,522
10 Animal or vegetable fats, oils and flours	0	719	18,005	5,320	9,859	2,232	0	25,137	61,272
11 Sugar	0	9,915	44,978	0	0	18	0	3,368	58,279
12 Prepared food stuffs, not elsewhere classified	0	1,184	3,536	3,466	198	971	460	4,159	13,974
13 Alcoholic and non-alcoholic beverages	0	28,338	7,886	125	50	759	260	2,073	39,491
14 Sand, gravel and crushed stone	0	343,041	20,413	0	0	826	17	34,342	398,640
15 Salt	63,533	2,300	0	0	0	0	0	0	65,833
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	9,363	0	0	0	0	0	0	0	9,363
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	3,282,620	119,243	479	0	1,363	0	0	225,864	3,629,568
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	2,132	0	0	0	0	0	0	2,132
26 Coal	894,356	0	0	0	0	0	0	671	895,027
27 Gasoline and aviation turbine fuel	2,275	127,911	0	0	0	0	0	0	130,187
28 Fuel oils and crude petroleum	48,172	262,129	43,912	0	0	0	0	0	354,214
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	110,815	17,549	195,135	0	4,386	5,641	2,050	12,997	348,573
30 Coal coke and petroleum coke	1,669	115,119	0	0	0	0	0	0	116,788
31 Other refined petroleum and coal products	280	13,963	13,441	0	168	24	0	11,115	38,990
32 Sulphuric acid	0	33,956	82,079	0	0	0	0	89	116,123
33 Alumina	0	25	42	0	0	0	0	0	66
34 Other basic chemicals	14,073	159,959	54,807	0	86	3,000	18,712	76,991	327,628
35 Potash	774,171	0	0	0	295,396	0	0	0	1,069,567
36 Fertilizers (excluding potash)	71,708	12,654	552	0	4,658	25,750	8	51,014	166,342
37 Other chemical products and preparations	0	2,606	5,291	54	0	27	90	13,686	21,754
38 Plastic and rubber	4,156	4,913	13,200	41	15	25,286	498	97,705	145,813
39 Logs and other wood in the rough	81,245	1,135	4,993	0	0	0	707	267	88,346
40 Wood chips	22,027	0	0	0	0	0	0	0	22,027
41 Lumber	4,697	29,081	2,911	80	163	13,308	22,134	802	73,176
42 Other wood products (plywood, veneer)	0	29,213	30,808	190	135	12,525	32,376	1,475	106,721
43 Wood pulp	94,130	60,697	12,808	0	0	0	45,818	11,812	225,264
44 Newsprint	0	47	21	0	0	0	0	0	68

See footnotes at the end of the table.

Table 14-2 – continued

Rail transportation — Commodity movements to Atlantic

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
45 Paper and paperboard, except printed products	722	6,114	13,924	168	0	194	0	3,469	24,591
46 Cement	32,012	101,868	38,475	0	0	0	0	0	172,354
47 Other non-metallic mineral products	0	78,899	18,014	664	12	12,799	92	1,715	112,193
48 Iron and steel, primary or semi-finished	141	2,977	30,892	198	0	1,027	429	35,704	71,366
49 Copper, primary or semi-finished	0	0	20	0	0	0	0	0	20
50 Aluminum, primary or semi-finished	0	37	25	0	0	0	0	0	62
51 Other non-ferrous metal, primary or semi-finished	0	38	283	246	0	0	64	0	631
52 Articles of base metal	18	12,478	9,371	3,864	33	376	1,744	1,058	28,941
53 Machinery	0	290	1,355	90	2,936	1,023	179	2,649	8,520
54 Automobiles and mini-vans	1,624	4,185	14,553	9	0	93	21,894	19,139	61,496
55 Freight motor vehicles	0	5,783	65,121	0	0	0	4,327	29,507	104,739
56 Other vehicles	0	582	1,958	0	0	568	45	73	3,226
57 Parts and accessories for motor vehicles	0	37	2,701	0	0	108	7	454	3,307
58 Other transportation equipment	250	401	666	862	0	35	215	5,943	8,371
59 Metallic waste and scrap	136	119	706	0	0	0	0	22,843	23,804
60 Non-metallic waste and scrap	0	651	251	152	0	25	15	57	1,150
61 Other manufactured and miscellaneous goods	258	6,699	7,404	995	89	778	1,982	561	18,765
62 Pool car traffic of freight forwarder and ship associated	0	17,169	8,089	10	0	1,333	5	91	26,697
63 Mixed loads or unidentified freight	180	586,936	708,351	7,964	30,042	26,796	16,651	302,998	1,679,918
64 Less than carload shipments	0	54	5	34	0	0	24	0	116
Total tonnage of all rail commodities	5,515,227	2,254,497	1,554,616	71,501	393,109	140,702	173,565	1,124,277	11,227,493
Car type ⁴									
Containers on flat cars (COFC)	2,166	741,052	728,020	22,101	60,935	44,751	26,875	318,987	1,944,886
Trailers on flat cars (TOFC)	0	7,912	33,785	0	0	253	49	9,067	51,065

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-3

Rail transportation — Commodity movements from Quebec

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	3,249	1,060	1,002	0	106	0	18	8,610	14,044
02 Other cereal grains	46,341	19,148	22,936	0	0	74	35	76,373	164,907
03 Fresh, chilled or dried vegetables	1,008	448	104	162	154	0	1,533	54,208	57,618
04 Fresh, chilled or dried fruit and nuts	0	0	285	0	25	102	120	48	579
05 Colza seeds (canola)	0	0	12,221	0	0	2,992	0	162	15,374
06 Other oil seeds and nuts, other agricultural product	40	3,768	7,852	107	32	77	35,315	9,633	56,823
07 Animal feed and products	64	8,464	702	164	95	3,919	18,208	4,513	36,130
08 Meat, fish, seafood and preparations	227	0	203	21	116	319	73,343	21,427	95,656
09 Milled grain production and preparations, bakery products	426	428	2,465	464	0	410	1,625	6,589	12,407
10 Animal or vegetable fats, oils and flours	719	326	399	0	0	131	151	2,720	4,445
11 Sugar	9,915	355	133,890	0	0	424	2,107	48,221	194,910
12 Prepared food stuffs, not elsewhere classified	1,184	0	1,515	2,541	242	7,855	17,852	6,770	37,959
13 Alcoholic and non-alcoholic beverages	28,338	520	15,487	2,993	423	15,412	4,313	9,203	76,687
14 Sand, gravel and crushed stone	343,041	18,656	446	0	6,769	41,990	30,177	59,395	500,474
15 Salt	2,300	63	132	0	5	0	0	18	2,518
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	150	0	0	0	0	31,658	31,808
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	119,243	38,010	12,034	2,266	0	3,208	47,698	34,162	256,621
20 Iron ores and concentrates	0	0	5,581	0	0	0	0	24,753	30,334
21 Copper ores and concentrates	0	200,684	281,647	0	0	0	0	0	482,331
22 Nickel ores and concentrates	0	0	7,374	0	0	0	0	0	7,374
23 Lead ores and concentrates	0	0	0	0	0	0	35	0	35
24 Zinc ores and concentrates	0	356,706	14,215	1,730	0	0	94,222	0	466,873
25 Other metallic ores and concentrates	2,132	0	12,828	0	0	0	523	526	16,008
26 Coal	0	0	0	23	0	9	0	455	486
27 Gasoline and aviation turbine fuel	127,911	762,095	622,136	4,762	0	84	4,241	11,839	1,533,068
28 Fuel oils and crude petroleum	262,129	1,171,750	651,354	0	0	0	0	127,451	2,212,685
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	17,549	139,082	50,805	51	0	260	0	57,356	265,102
30 Coal coke and petroleum coke	115,119	5,812	0	86	0	0	0	85	121,103
31 Other refined petroleum and coal products	13,963	32,251	29,398	1,265	1,028	4,326	908	15,124	98,261
32 Sulphuric acid	33,956	87,855	20,888	0	0	0	0	557,354	700,053
33 Alumina	25	294,822	27,562	5,714	2,433	3,096	4,290	252,559	590,500
34 Other basic chemicals	159,959	319,013	421,052	9,612	2,084	15,743	41,817	1,256,626	2,225,905
35 Potash	0	0	0	0	0	0	0	20	20
36 Fertilizers (excluding potash)	12,654	1,518	1,738	93	0	18	180	14,766	30,967
37 Other chemical products and preparations	2,606	23,309	3,029	1,256	6,112	2,278	6,666	46,966	92,222
38 Plastic and rubber	4,913	280,822	87,116	6,225	8,675	14,818	12,117	322,757	737,445
39 Logs and other wood in the rough	1,135	245,939	337	1,587	2,137	0	3,249	15,735	270,118
40 Wood chips	0	820,883	0	0	0	0	0	0	820,883
41 Lumber	29,081	74,191	162,785	15,088	17	13,903	12,356	1,832,983	2,140,404
42 Other wood products (plywood, veneer)	29,213	56,749	41,163	14,518	3,681	16,622	18,825	1,137,431	1,318,202
43 Wood pulp	60,697	394,467	232,874	0	0	23	10,915	375,946	1,074,921
44 Newsprint	47	110,350	138,386	0	0	543	3,456	1,481,282	1,734,063

See footnotes at the end of the table.

Table 14-3 – continued

Rail transportation — Commodity movements from Quebec

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	6,114	114,233	271,946	6,439	6,371	16,303	44,642	1,347,622	1,813,670
46 Cement	101,868	3,841	45	0	0	0	0	385,219	490,973
47 Other non-metallic mineral products	78,899	21,323	9,222	1,747	713	10,712	33,188	78,814	234,619
48 Iron and steel, primary or semi-finished	2,977	484	445,220	2,028	163	16,316	6,583	447,722	921,492
49 Copper, primary or semi-finished	0	97,356	3,883	0	246	0	290	108,731	210,506
50 Aluminum, primary or semi-finished	37	3,239	328,270	0	2,831	531	16,775	1,205,901	1,557,584
51 Other non-ferrous metal, primary or semi-finished	38	0	106,799	72,177	5,647	6	3,982	70,398	259,048
52 Articles of base metal	12,478	9,946	2,532	716	718	4,553	3,471	25,532	59,945
53 Machinery	290	112	670	21	73	854	3,081	41,389	46,488
54 Automobiles and mini-vans	4,185	183	31	10,157	1,492	6,589	4,601	212	27,450
55 Freight motor vehicles	5,783	0	0	0	27	31	85	146	6,073
56 Other vehicles	582	9	24	0	0	2,701	83	284	3,682
57 Parts and accessories for motor vehicles	37	0	15	0	0	0	123	2,623	2,799
58 Other transportation equipment	401	2,699	5,816	762	0	1,016	302	12,081	23,077
59 Metallic waste and scrap	119	61,797	7,922	0	0	60	5,584	31,609	107,090
60 Non-metallic waste and scrap	651	73,457	3,284	982	11	999	23,407	73,340	176,130
61 Other manufactured and miscellaneous goods	6,699	3,275	2,818	2,310	2,552	36,307	22,378	30,357	106,696
62 Pool car traffic of freight forwarder and ship associated	17,169	0	936	42,846	7,876	77,001	63,258	85	209,172
63 Mixed loads or unidentified freight	586,936	140	1,572,611	123,782	57,924	425,854	991,765	1,987,836	5,746,846
64 Less than carload shipments	54	138	35	0	0	88	5	0	321
Total tonnage of all rail commodities	2,254,497	5,861,773	5,786,167	334,693	120,778	748,555	1,669,895	13,755,622	30,531,981
Car type ⁴									
Containers on flat cars (COFC)	741,052	83	1,109,589	184,789	74,859	599,776	1,484,025	2,488,418	6,682,591
Trailers on flat cars (TOFC)	7,912	0	45,834	131	44	1,483	660	8,961	65,024

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-4

Rail transportation — Commodity movements to Quebec

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	1,060	986,019	175,595	376,178	2,354	0	2,356	1,543,561
02 Other cereal grains	21	19,148	76,426	23,405	109,097	7,099	28	433,725	668,948
03 Fresh, chilled or dried vegetables	1,512	448	72,161	96,406	412,871	53,256	7,412	31,655	675,721
04 Fresh, chilled or dried fruit and nuts	27	0	323	0	0	69	32,425	15,267	48,111
05 Colza seeds (canola)	0	0	0	2,701	203	0	0	0	2,904
06 Other oil seeds and nuts, other agricultural product	191	3,768	85,346	60,023	33,811	4,036	18,019	107,653	312,846
07 Animal feed and products	455	8,464	365,195	20,691	1,014	50,561	748	490,190	937,318
08 Meat, fish, seafood and preparations	216	0	5,327	9,134	1,491	10,276	53,448	3,987	83,879
09 Milled grain production and preparations, bakery products	48	428	30,392	14,804	18,466	21,665	988	40,940	127,731
10 Animal or vegetable fats, oils and flours	91	326	105,683	58,126	149,406	16,358	70	36,403	366,461
11 Sugar	370	355	69,283	0	0	840	174	95,058	166,079
12 Prepared food stuffs, not elsewhere classified	589	0	6,748	16,316	877	3,078	23,404	24,235	75,246
13 Alcoholic and non-alcoholic beverages	4,876	520	7,195	15,503	0	6,871	3,150	12,408	50,522
14 Sand, gravel and crushed stone	56,169	18,656	85,174	120	0	45	172	84,031	244,367
15 Salt	4,530	63	709,996	0	205	0	18	1,270	716,081
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	0	87	4,492	0	4,579
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	4,018	38,010	95,880	1,539	6,907	1,225	71	171,335	318,985
20 Iron ores and concentrates	15,477,561	0	0	0	0	0	0	26	15,477,587
21 Copper ores and concentrates	10,587	200,684	181	4,868	0	0	180,116	37,445	433,881
22 Nickel ores and concentrates	0	0	0	0	0	273	0	0	273
23 Lead ores and concentrates	0	0	0	0	0	0	60	88	148
24 Zinc ores and concentrates	156,469	356,706	34,814	0	0	0	89	262	548,340
25 Other metallic ores and concentrates	0	0	103	20	1,369	0	103,297	55	104,843
26 Coal	0	0	0	0	0	0	0	13,007	13,007
27 Gasoline and aviation turbine fuel	0	762,095	2,745	0	1	1,971	0	0	766,813
28 Fuel oils and crude petroleum	0	1,171,750	90,595	0	0	2	0	641	1,262,988
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	32,055	139,082	367,923	0	7,019	29,941	40	1,704	577,763
30 Coal coke and petroleum coke	2,037	5,812	59,029	0	0	110,286	0	216,093	393,257
31 Other refined petroleum and coal products	211	32,251	100,926	0	779	12,154	200	53,302	199,822
32 Sulphuric acid	88	87,855	154,853	0	0	0	0	8,354	251,151
33 Alumina	0	294,822	290	0	0	0	0	1,371	296,483
34 Other basic chemicals	27,068	319,013	224,822	647	475	128,151	19,749	513,799	1,233,724
35 Potash	25,254	0	0	0	24,971	0	0	0	50,225
36 Fertilizers (excluding potash)	0	1,518	9,699	10,133	7,415	63,819	46	111,296	203,926
37 Other chemical products and preparations	642	23,309	25,002	123	28	1,112	1,453	127,626	179,295
38 Plastic and rubber	18,738	280,822	102,307	289	37	133,764	11,578	347,934	895,469
39 Logs and other wood in the rough	9,244	245,939	31,669	31	0	203	750	6,147	293,983
40 Wood chips	18,557	820,883	80	0	0	25	47	32	839,623
41 Lumber	14,522	74,191	46,332	141	1,203	50,551	106,309	5,498	298,747
42 Other wood products (plywood, veneer)	1,526	56,749	36,164	1,369	9,252	127,049	197,697	38,828	468,632
43 Wood pulp	6,664	394,467	152,488	0	4,172	19,401	7,115	53,136	637,443
44 Newsprint	7,472	110,350	20,998	0	0	288	32	1,425	140,564

See footnotes at the end of the table.

Table 14-4 – continued

Rail transportation — Commodity movements to Quebec

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
45 Paper and paperboard, except printed products	38,525	114,233	80,565	22,744	414	7,620	24,610	94,693	383,404
46 Cement	23,860	3,841	7,636	0	0	0	40	2,781	38,158
47 Other non-metallic mineral products	14,498	21,323	5,675	6,455	173	64,905	7,969	29,415	150,413
48 Iron and steel, primary or semi-finished	63	484	74,280	626	0	24	207	133,735	209,418
49 Copper, primary or semi-finished	0	97,356	27,603	0	0	0	802	1,365	127,127
50 Aluminum, primary or semi-finished	6,976	3,239	193	0	0	0	1,970	2,615	14,993
51 Other non-ferrous metal, primary or semi-finished	7,869	0	102,316	2,875	0	19,904	3,454	5,271	141,688
52 Articles of base metal	2,592	9,946	17,531	2,174	2,117	2,808	21,558	22,897	81,622
53 Machinery	1,701	112	9,398	3,567	1,704	1,630	6,146	27,676	51,934
54 Automobiles and mini-vans	33,187	183	78,522	18	13	2,054	133,062	129,903	376,942
55 Freight motor vehicles	37	0	83,662	18	0	121	14,517	147,902	246,257
56 Other vehicles	7	9	166	16	24	3,107	391	672	4,393
57 Parts and accessories for motor vehicles	65	0	5,261	447	0	32	900	71,795	78,500
58 Other transportation equipment	269	2,699	45,416	178	32	119	3,013	12,810	64,535
59 Metallic waste and scrap	148,856	61,797	47,206	1,610	1,413	4,071	73	70,738	335,763
60 Non-metallic waste and scrap	3,365	73,457	42,636	711	137	1,719	2,966	122,425	247,415
61 Other manufactured and miscellaneous goods	8,245	3,275	26,569	10,105	678	22,204	14,342	40,856	126,274
62 Pool car traffic of freight forwarder and ship associated	381	0	165	2,619	56	4,992	9,324	731	18,269
63 Mixed loads or unidentified freight	406,043	140	901,657	61,399	68,581	142,750	1,551,637	1,021,780	4,153,985
64 Less than carload shipments	9	138	139	24	15	0	42	0	367
Total tonnage of all rail commodities	16,578,354	5,861,773	5,718,760	627,568	1,242,603	1,134,865	2,570,215	5,028,642	38,762,780
Car type ⁴									
Containers on flat cars (COFC)	453,733	83	904,267	307,802	502,868	526,987	1,921,364	1,359,515	5,976,618
Trailers on flat cars (TOFC)	2,526	0	31,525	221	113	1,236	1,378	18,173	55,172

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-5

Rail transportation — Commodity movements from Ontario

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	3,955	986,019	355,206	0	28	0	56	383,229	1,728,492
02 Other cereal grains	21,678	76,426	4,648	0	0	98	346	45,679	148,874
03 Fresh, chilled or dried vegetables	2,420	72,161	888	32	0	16	11,172	13,391	100,080
04 Fresh, chilled or dried fruit and nuts	44	323	0	0	0	39	123	103	631
05 Colza seeds (canola)	0	0	58,504	0	0	0	71	0	58,575
06 Other oil seeds and nuts, other agricultural product	39	85,346	5,607	976	211	1,589	104,981	12,140	210,890
07 Animal feed and products	27,947	365,195	32,660	3,904	2,641	31,215	19,768	48,240	531,569
08 Meat, fish, seafood and preparations	579	5,327	0	29	294	1,149	19,853	10,307	37,538
09 Milled grain production and preparations, bakery products	20,500	30,392	58,637	2,465	1,947	8,976	6,120	74,523	203,558
10 Animal or vegetable fats, oils and flours	18,005	105,683	3,124	602	0	2,545	5,434	61,799	197,191
11 Sugar	44,978	69,283	19,688	0	29	5,526	3,380	79,157	222,040
12 Prepared food stuffs, not elsewhere classified	3,536	6,748	275	13,663	7,795	65,954	56,506	24,201	178,678
13 Alcoholic and non-alcoholic beverages	7,886	7,195	2,020	7,540	1,785	28,069	24,752	29,232	108,479
14 Sand, gravel and crushed stone	20,413	85,174	56,480	45	0	561	0	453,833	616,505
15 Salt	0	709,996	57,485	0	206	99	0	69,959	837,745
16 Phosphate rock	0	0	0	0	0	1,072,885	0	0	1,072,885
17 Sulphur	0	0	443	0	0	0	84	6,972	7,498
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	479	95,880	5,595	0	0	13,573	7,679	324,665	447,872
20 Iron ores and concentrates	0	0	2,434	0	251	0	0	4,460	7,145
21 Copper ores and concentrates	0	181	0	0	0	0	0	0	181
22 Nickel ores and concentrates	0	0	2,180,156	365	0	0	0	0	2,180,521
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	34,814	0	0	0	0	0	0	34,814
25 Other metallic ores and concentrates	0	103	0	0	0	19	45	23,675	23,842
26 Coal	0	0	0	0	0	5	0	0	5
27 Gasoline and aviation turbine fuel	0	2,745	38,168	0	0	93	95	86	41,188
28 Fuel oils and crude petroleum	43,912	90,595	62,660	0	0	110	83	71,622	268,982
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	195,135	367,923	410,270	0	10	3	0	1,095,485	2,068,825
30 Coal coke and petroleum coke	0	59,029	25	5,459	0	8	0	17,499	82,020
31 Other refined petroleum and coal products	13,441	100,926	258,868	18,434	12,995	152,869	39,887	408,481	1,005,901
32 Sulphuric acid	82,079	154,853	243,414	2,136	0	0	0	975,915	1,458,397
33 Alumina	42	290	1,491	0	0	1,761	0	4,618	8,201
34 Other basic chemicals	54,807	224,822	217,790	22,321	9,576	50,176	29,541	627,495	1,236,527
35 Potash	0	0	91	0	0	0	0	112,170	112,261
36 Fertilizers (excluding potash)	552	9,699	67,006	224	1,423	1,393	203	170,315	250,815
37 Other chemical products and preparations	5,291	25,002	41,258	2,001	1,516	17,420	6,397	198,517	297,400
38 Plastic and rubber	13,200	102,307	381,828	10,435	1,068	46,755	39,418	748,358	1,343,369
39 Logs and other wood in the rough	4,993	31,669	313,953	145	0	23	1,778	307,867	660,428
40 Wood chips	0	80	132,867	0	0	4	11	20,673	153,634
41 Lumber	2,911	46,332	59,225	5,800	243	9,419	11,928	1,145,011	1,280,868
42 Other wood products (plywood, veneer)	30,808	36,164	72,762	16,741	12,503	26,869	19,156	813,007	1,028,009
43 Wood pulp	12,808	152,488	290,524	1,220	0	0	56,980	1,383,717	1,897,737
44 Newsprint	21	20,998	192,318	586	0	1,315	106	860,725	1,076,069

See footnotes at the end of the table.

Table 14-5 – continued

Rail transportation — Commodity movements from Ontario

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	13,924	80,565	284,712	105,663	2,966	45,526	29,077	216,898	779,332
46 Cement	38,475	7,636	6,418	36,393	0	324	2,256	644,154	735,655
47 Other non-metallic mineral products	18,014	5,675	195	15,044	1,675	44,372	12,139	99,366	196,480
48 Iron and steel, primary or semi-finished	30,892	74,280	1,798,914	134,389	18,454	249,249	79,797	597,350	2,983,325
49 Copper, primary or semi-finished	20	27,603	85	0	0	43	504	84,735	112,990
50 Aluminum, primary or semi-finished	25	193	80	0	2,378	0	499	39,442	42,616
51 Other non-ferrous metal, primary or semi-finished	283	102,316	109	44	75	87	14,571	869	118,354
52 Articles of base metal	9,371	17,531	36,521	1,470	2,215	205,771	27,043	88,168	388,090
53 Machinery	1,355	9,398	1,795	240	1,702	955	4,042	17,144	36,630
54 Automobiles and mini-vans	14,553	78,522	703	19,955	3,451	49,846	46,019	1,224,197	1,437,247
55 Freight motor vehicles	65,121	83,662	5,760	24,479	27,796	69,323	42,785	1,336,590	1,655,517
56 Other vehicles	1,958	166	0	9	0	111	247	48,370	50,860
57 Parts and accessories for motor vehicles	2,701	5,261	115,204	1,948	1,317	30,889	60,917	563,734	781,970
58 Other transportation equipment	666	45,416	6,871	60	4,381	59	767	51,501	109,719
59 Metallic waste and scrap	706	47,206	40,191	27,912	60,476	35	9,428	826,912	1,012,866
60 Non-metallic waste and scrap	251	42,636	65,960	1,930	135	1,129	23,356	91,510	226,906
61 Other manufactured and miscellaneous goods	7,404	26,569	3,409	17,470	9,561	57,423	54,721	42,589	219,144
62 Pool car traffic of freight forwarder and ship associated	8,089	165	113	70,857	14,704	225,981	95,972	85	415,967
63 Mixed loads or unidentified freight	708,351	901,657	41,452	333,728	117,642	1,234,002	1,546,091	135,218	5,018,140
64 Less than carload shipments	5	139	0	0	0	24	0	0	167
Total tonnage of all rail commodities	1,554,616	5,718,760	8,036,856	906,711	323,448	3,755,684	2,516,181	16,735,954	39,548,209
Car type ⁴									
Containers on flat cars (COFC)	728,020	904,267	94,510	405,410	160,374	1,580,259	2,080,205	320,251	6,273,295
Trailers on flat cars (TOFC)	33,785	31,525	8,502	2,389	132	7,709	6,725	162,543	253,309

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-6

Rail transportation — Commodity movements to Ontario

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	1,002	355,206	2,044,360	3,529,694	501,647	0	5,637	6,437,545
02 Other cereal grains	10,982	22,936	4,648	49,051	365,876	7,639	24	69,991	531,146
03 Fresh, chilled or dried vegetables	16,792	104	888	70,929	265,935	1,603	7,092	11,137	374,481
04 Fresh, chilled or dried fruit and nuts	44	285	0	0	0	86	8,969	12,845	22,229
05 Colza seeds (canola)	0	12,221	58,504	466,273	177,920	48	0	13,425	728,392
06 Other oil seeds and nuts, other agricultural product	1,931	7,852	5,607	144,432	338,513	12,598	10,065	87,802	608,801
07 Animal feed and products	480	702	32,660	12,546	8,013	26,587	351	120,312	201,651
08 Meat, fish, seafood and preparations	94	203	0	2,961	6,280	15,877	7,844	4,259	37,519
09 Milled grain production and preparations, bakery products	560	2,465	58,637	57,963	57,860	13,239	1,738	248,112	440,573
10 Animal or vegetable fats, oils and flours	2	399	3,124	36,133	12,538	16,017	515	65,197	133,924
11 Sugar	0	133,890	19,688	0	0	626	1,678	87,699	243,580
12 Prepared food stuffs, not elsewhere classified	351	1,515	275	60,828	600	22,539	26,738	78,371	191,216
13 Alcoholic and non-alcoholic beverages	22,388	15,487	2,020	24,663	174	6,219	8,875	108,204	188,030
14 Sand, gravel and crushed stone	0	446	56,480	53	0	504	185	52,935	110,603
15 Salt	0	132	57,485	0	49,319	692	0	1,435	109,064
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	30	150	443	263	5,964	370	0	0	7,219
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	57,407	12,034	5,595	2,850	72,341	3,921	536	434,265	588,947
20 Iron ores and concentrates	0	5,581	2,434	0	0	0	0	0	8,015
21 Copper ores and concentrates	0	281,647	0	4,606	0	0	12,594	19,280	318,127
22 Nickel ores and concentrates	0	7,374	2,180,156	73	0	0	0	1,330	2,188,932
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	14,215	0	0	0	0	0	0	14,215
25 Other metallic ores and concentrates	0	12,828	0	0	0	0	0	15,305	28,133
26 Coal	0	0	0	0	1,301,555	113,803	1,487,467	2,059	2,904,884
27 Gasoline and aviation turbine fuel	0	622,136	38,168	103,814	0	5,023	0	1,897	771,037
28 Fuel oils and crude petroleum	242	651,354	62,660	226,547	0	56,178	9	167	997,158
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	17,629	50,805	410,270	8,673	234	82,342	0	65,200	635,153
30 Coal coke and petroleum coke	0	0	25	0	16,277	0	0	12,504	28,806
31 Other refined petroleum and coal products	334	29,398	258,868	91	611	57,331	240	243,418	590,290
32 Sulphuric acid	973	20,888	243,414	2,016	0	0	67	50,265	317,624
33 Alumina	0	27,562	1,491	0	0	0	0	12,977	42,030
34 Other basic chemicals	5,668	421,052	217,790	45,420	3,097	599,803	13,358	1,070,000	2,376,188
35 Potash	90	0	91	0	935,555	0	0	1,084	936,820
36 Fertilizers (excluding potash)	0	1,738	67,006	46,601	52,757	248,500	361	327,217	744,180
37 Other chemical products and preparations	465	3,029	41,258	696	0	3,390	1,948	178,690	229,475
38 Plastic and rubber	31,517	87,116	381,828	1,882	89	191,402	10,097	820,719	1,524,651
39 Logs and other wood in the rough	62	337	313,953	35,380	20,643	104	10,963	2,319	383,761
40 Wood chips	59	0	132,867	248	0	93,074	2,878	42	229,167
41 Lumber	5,020	162,785	59,225	770	21,430	225,713	351,352	11,156	837,450
42 Other wood products (plywood, veneer)	13,429	41,163	72,762	1,160	26,180	124,476	156,759	27,435	463,363
43 Wood pulp	118,719	232,874	290,524	3,563	18,321	20,668	67,251	74,377	826,297
44 Newsprint	7,732	138,386	192,318	4,233	0	66	193	983	343,910

See footnotes at the end of the table.

Table 14-6 – continued

Rail transportation — Commodity movements to Ontario

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
45 Paper and paperboard, except printed products	127,036	271,946	284,712	20,193	11,993	14,792	45,741	238,179	1,014,591
46 Cement	0	45	6,418	0	0	14,475	0	274	21,213
47 Other non-metallic mineral products	34,201	9,222	195	779	18	25,037	21,918	63,221	154,591
48 Iron and steel, primary or semi-finished	0	445,220	1,798,914	16,074	22,655	1,112	2,555	430,433	2,716,964
49 Copper, primary or semi-finished	0	3,883	85	0	0	0	0	392	4,360
50 Aluminum, primary or semi-finished	0	328,270	80	0	0	0	5,144	16,539	350,033
51 Other non-ferrous metal, primary or semi-finished	9,546	106,799	109	63,760	0	74	1,061	0	181,349
52 Articles of base metal	240	2,532	36,521	1,289	3,734	5,878	39,302	27,753	117,247
53 Machinery	398	670	1,795	112	17	1,725	7,353	23,394	35,465
54 Automobiles and mini-vans	54,945	31	703	742	308	4,391	101,496	158,876	321,493
55 Freight motor vehicles	3	0	5,760	36	0	48	26,145	174,526	206,518
56 Other vehicles	84	24	0	0	0	450	113	36	707
57 Parts and accessories for motor vehicles	156	15	115,204	0	0	1,583	26,347	518,247	661,553
58 Other transportation equipment	101	5,816	6,871	739	0	0	6,323	4,605	24,455
59 Metallic waste and scrap	7,802	7,922	40,191	11,251	310	4,355	485	81,673	153,989
60 Non-metallic waste and scrap	4,508	3,284	65,960	47,323	3,105	5,631	2,419	166,965	299,193
61 Other manufactured and miscellaneous goods	5,535	2,818	3,409	45,171	1,921	81,317	29,871	26,675	196,716
62 Pool car traffic of freight forwarder and ship associated	2,408	936	113	3,681	669	12,972	16,304	1,202	38,284
63 Mixed loads or unidentified freight	781,494	1,572,611	41,452	123,459	50,444	268,560	2,623,800	402,125	5,863,945
64 Less than carload shipments	101	35	0	0	0	30	31	76	273
Total tonnage of all rail commodities	1,341,556	5,786,167	8,036,856	3,793,684	7,382,951	2,894,515	5,146,555	6,675,239	41,057,521
Car type ⁴									
Containers on flat cars (COFC)	898,029	1,109,589	94,510	321,039	177,451	674,601	2,900,488	451,663	6,627,369
Trailers on flat cars (TOFC)	28,995	45,834	8,502	1,315	145	2,049	1,531	177,913	266,283

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-7

Rail transportation — Commodity movements from Manitoba

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	21,342	175,595	2,044,360	122,044	0	99	261,941	778,935	3,404,315
02 Other cereal grains	278	23,405	49,051	3,926	4,068	1,883	12,449	569,979	665,038
03 Fresh, chilled or dried vegetables	5,105	96,406	70,929	348	0	21	4,185	27,739	204,733
04 Fresh, chilled or dried fruit and nuts	0	0	0	0	0	0	0	0	0
05 Colza seeds (canola)	0	2,701	466,273	0	62,923	58,443	89,410	317,299	997,049
06 Other oil seeds and nuts, other agricultural product	2,526	60,023	144,432	116	211	51	17,511	25,594	250,463
07 Animal feed and products	3,025	20,691	12,546	794	39	3,747	24,637	72,059	137,538
08 Meat, fish, seafood and preparations	26	9,134	2,961	30	0	0	50,872	84	63,108
09 Milled grain production and preparations, bakery products	14,669	14,804	57,963	1,267	0	6,339	6,863	54,638	156,543
10 Animal or vegetable fats, oils and flours	5,320	58,126	36,133	2,248	248	1,815	38,207	404,151	546,248
11 Sugar	0	0	0	0	0	0	0	136	136
12 Prepared food stuffs, not elsewhere classified	3,466	16,316	60,828	0	44	26	15,774	106,570	203,024
13 Alcoholic and non-alcoholic beverages	125	15,503	24,663	0	9,339	3,971	1,218	94	54,913
14 Sand, gravel and crushed stone	0	120	53	86	299	92	0	181	831
15 Salt	0	0	0	0	0	0	0	0	0
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	263	0	0	201	0	631	1,095
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	1,539	2,850	69	0	0	4,391	12,389	21,237
20 Iron ores and concentrates	0	0	0	0	0	0	58	0	58
21 Copper ores and concentrates	0	4,868	4,606	0	0	0	0	0	9,474
22 Nickel ores and concentrates	0	0	73	0	0	0	0	0	73
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	20	0	0	0	0	0	0	20
26 Coal	0	0	0	0	0	0	0	0	0
27 Gasoline and aviation turbine fuel	0	0	103,814	3,826	0	0	0	0	107,639
28 Fuel oils and crude petroleum	0	0	226,547	8,537	84	0	0	1,401	236,568
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	0	8,673	9	28	1,992	0	80,264	90,966
30 Coal coke and petroleum coke	0	0	0	0	16	21	0	0	37
31 Other refined petroleum and coal products	0	0	91	54	15	357	0	57	574
32 Sulphuric acid	0	0	2,016	5,887	0	181	91	30,433	38,608
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	0	647	45,420	1,716	23,593	5,962	45,668	164,349	287,355
35 Potash	0	0	0	0	0	0	0	91	91
36 Fertilizers (excluding potash)	0	10,133	46,601	14,654	43,759	1,716	10,807	168,849	296,519
37 Other chemical products and preparations	54	123	696	14	1,618	466	285	130	3,385
38 Plastic and rubber	41	289	1,882	7	0	74	767	2,619	5,680
39 Logs and other wood in the rough	0	31	35,380	277,705	0	0	0	107,087	420,203
40 Wood chips	0	0	248	0	0	0	0	0	248
41 Lumber	80	141	770	5,864	0	202	597	140,888	148,542
42 Other wood products (plywood, veneer)	190	1,369	1,160	4,767	0	2,773	4,161	193,745	208,165
43 Wood pulp	0	0	3,563	0	0	0	0	2,285	5,849
44 Newsprint	0	0	4,233	0	0	2,930	590	68,366	76,118

See footnotes at the end of the table.

Table 14-7 – continued

Rail transportation — Commodity movements from Manitoba

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	168	22,744	20,193	5,830	5	3,645	16,006	55,346	123,935
46 Cement	0	0	0	0	0	46	0	5	52
47 Other non-metallic mineral products	664	6,455	779	1,212	0	405	61	29,557	39,132
48 Iron and steel, primary or semi-finished	198	626	16,074	0	0	82	2,275	45,612	64,867
49 Copper, primary or semi-finished	0	0	0	0	0	0	22	77,006	77,027
50 Aluminum, primary or semi-finished	0	0	0	0	0	0	0	0	0
51 Other non-ferrous metal, primary or semi-finished	246	2,875	63,760	0	0	0	3,896	29,947	100,724
52 Articles of base metal	3,864	2,174	1,289	2,664	508	250	1,130	13,420	25,299
53 Machinery	90	3,567	112	540	0	0	4,429	1,100	9,838
54 Automobiles and mini-vans	9	18	742	455	0	919	368	0	2,511
55 Freight motor vehicles	0	18	36	176	0	0	36	0	267
56 Other vehicles	0	16	0	27	0	0	0	1,594	1,638
57 Parts and accessories for motor vehicles	0	447	0	73	0	0	46	85	651
58 Other transportation equipment	862	178	739	32,354	1,016	0	108	19,511	54,768
59 Metallic waste and scrap	0	1,610	11,251	3,786	109,693	0	3,055	30,132	159,528
60 Non-metallic waste and scrap	152	711	47,323	4,305	0	1,119	10,705	13,337	77,651
61 Other manufactured and miscellaneous goods	995	10,105	45,171	633	709	2,919	3,214	34,607	98,354
62 Pool car traffic of freight forwarder and ship associated	10	2,619	3,681	236	115	835	507	0	8,002
63 Mixed loads or unidentified freight	7,964	61,399	123,459	9,979	4,514	44,292	103,406	14,287	369,301
64 Less than carload shipments	34	24	0	0	1,728	0	40	5,080	6,906
Total tonnage of all rail commodities	71,501	627,568	3,793,684	516,234	264,572	147,874	739,786	3,701,671	9,862,890
Car type ⁴									
Containers on flat cars (COFC)	22,101	307,802	321,039	0	15,452	55,868	221,860	30,449	974,572
Trailers on flat cars (TOFC)	0	221	1,315	0	0	450	475	3,509	5,970

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-8

Rail transportation — Commodity movements to Manitoba

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	0	0	122,044	442,523	107,602	0	0	672,169
02 Other cereal grains	0	0	0	3,926	93,122	2,120	734	9,163	109,065
03 Fresh, chilled or dried vegetables	167	162	32	348	41,930	323	88	270	43,321
04 Fresh, chilled or dried fruit and nuts	0	0	0	0	0	0	228	0	228
05 Colza seeds (canola)	183	0	0	0	3,503	0	0	1,706	5,391
06 Other oil seeds and nuts, other agricultural product	52	107	976	116	161	197	37	40	1,686
07 Animal feed and products	0	164	3,904	794	2,366	2,074	176	3,942	13,419
08 Meat, fish, seafood and preparations	0	21	29	30	0	905	0	21	1,006
09 Milled grain production and preparations, bakery products	0	464	2,465	1,267	45,495	5,031	665	221	55,609
10 Animal or vegetable fats, oils and flours	0	0	602	2,248	4,692	831	361	27,663	36,396
11 Sugar	80	0	0	0	0	0	1,336	407	1,823
12 Prepared food stuffs, not elsewhere classified	7,303	2,541	13,663	0	18	4,019	1,923	105	29,572
13 Alcoholic and non-alcoholic beverages	2,351	2,993	7,540	0	0	23,929	3,276	371	40,460
14 Sand, gravel and crushed stone	0	0	45	86	0	0	0	0	132
15 Salt	0	0	0	0	122,990	0	0	0	122,990
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	26,130	11,954	0	0	38,084
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	2,266	0	69	4,851	1,277	0	8,241	16,704
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	0	0	0	0	0	73,235	20,496	93,731
22 Nickel ores and concentrates	0	0	365	0	0	0	0	0	365
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	1,730	0	0	0	0	0	0	1,730
25 Other metallic ores and concentrates	0	0	0	0	0	0	0	0	0
26 Coal	0	23	0	0	51,535	0	0	264,829	316,386
27 Gasoline and aviation turbine fuel	0	4,762	0	3,826	14,335	35,645	774	0	59,342
28 Fuel oils and crude petroleum	0	0	0	8,537	25,534	84,796	6,066	2,146	127,078
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	51	0	9	8,209	11,753	24	0	20,045
30 Coal coke and petroleum coke	0	86	5,459	0	0	0	0	0	5,545
31 Other refined petroleum and coal products	0	1,265	18,434	54	65,285	32,006	84	4,317	121,444
32 Sulphuric acid	0	0	2,136	5,887	0	0	3,661	0	11,684
33 Alumina	0	5,714	0	0	0	0	0	0	5,714
34 Other basic chemicals	2,354	9,612	22,321	1,716	3,790	19,270	16,582	46,532	122,176
35 Potash	0	0	0	0	80,790	0	0	0	80,790
36 Fertilizers (excluding potash)	0	93	224	14,654	181,029	552,636	11,949	111,529	872,113
37 Other chemical products and preparations	49	1,256	2,001	14	0	3,462	85	4,824	11,691
38 Plastic and rubber	929	6,225	10,435	7	0	19,413	646	21,324	58,980
39 Logs and other wood in the rough	0	1,587	145	277,705	11,205	0	6,622	125	297,388
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	54	15,088	5,800	5,864	335	17,253	33,092	2,005	79,491
42 Other wood products (plywood, veneer)	4,257	14,518	16,741	4,767	2,074	8,351	9,559	512	60,778
43 Wood pulp	0	0	1,220	0	5,984	0	0	0	7,204
44 Newsprint	0	0	586	0	0	0	0	0	586

See footnotes at the end of the table.

Table 14-8 – continued

Rail transportation — Commodity movements to Manitoba

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
45 Paper and paperboard, except printed products	540	6,439	105,663	5,830	19,069	279	4,067	12,685	154,572
46 Cement	0	0	36,393	0	222	193,432	0	511	230,557
47 Other non-metallic mineral products	2,011	1,747	15,044	1,212	0	24,590	3,274	645	48,524
48 Iron and steel, primary or semi-finished	0	2,028	134,389	0	0	320	977	8,764	146,478
49 Copper, primary or semi-finished	0	0	0	0	0	0	45	215	260
50 Aluminum, primary or semi-finished	0	0	0	0	0	0	0	84	84
51 Other non-ferrous metal, primary or semi-finished	0	72,177	44	0	0	0	150	1,902	74,272
52 Articles of base metal	83	716	1,470	2,664	40	1,579	1,794	2,090	10,434
53 Machinery	0	21	240	540	0	2	41	673	1,516
54 Automobiles and mini-vans	3,125	10,157	19,955	455	0	0	9,344	10,611	53,647
55 Freight motor vehicles	0	0	24,479	176	0	0	870	25,374	50,899
56 Other vehicles	0	0	9	27	0	574	0	82	692
57 Parts and accessories for motor vehicles	0	0	1,948	73	0	750	137	58	2,966
58 Other transportation equipment	0	762	60	32,354	8,610	12,975	543	71,102	126,407
59 Metallic waste and scrap	0	0	27,912	3,786	3,964	5,557	0	4,229	45,448
60 Non-metallic waste and scrap	0	982	1,930	4,305	0	299	504	989	9,007
61 Other manufactured and miscellaneous goods	601	2,310	17,470	633	19	3,676	2,080	866	27,655
62 Pool car traffic of freight forwarder and ship associated	53	42,846	70,857	236	0	227	343	0	114,562
63 Mixed loads or unidentified freight	13,957	123,782	333,728	9,979	572	97,522	114,199	4,834	698,573
64 Less than carload shipments	0	0	0	0	0	440	54	0	494
Total tonnage of all rail commodities	38,148	334,693	906,711	516,234	1,270,379	1,287,068	309,623	676,502	5,339,358
Car type ⁴									
Containers on flat cars (COFC)	26,502	184,789	405,410	0	1,147	171,675	140,582	11,875	941,979
Trailers on flat cars (TOFC)	111	131	2,389	0	0	34	91	4,757	7,511

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-9

Rail transportation — Commodity movements from Saskatchewan

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	12,995	376,178	3,529,694	442,523	13,706	46,893	3,257,423	422,876	8,102,288
02 Other cereal grains	5,267	109,097	365,876	93,122	163	121,434	742,650	506,292	1,943,901
03 Fresh, chilled or dried vegetables	20,482	412,871	265,935	41,930	181	0	907,070	46,137	1,694,606
04 Fresh, chilled or dried fruit and nuts	0	0	0	0	0	0	0	0	0
05 Colza seeds (canola)	0	203	177,920	3,503	22,508	364,439	622,918	181,208	1,372,699
06 Other oil seeds and nuts, other agricultural product	781	33,811	338,513	161	0	18	28,671	54,572	456,526
07 Animal feed and products	385	1,014	8,013	2,366	93	1,269	149,810	19,459	182,409
08 Meat, fish, seafood and preparations	25	1,491	6,280	0	0	0	36	0	7,834
09 Milled grain production and preparations, bakery products	3,586	18,466	57,860	45,495	88	0	92,015	202,920	420,430
10 Animal or vegetable fats, oils and flours	9,859	149,406	12,538	4,692	1,285	2,654	189,678	502,588	872,700
11 Sugar	0	0	0	0	0	0	0	0	0
12 Prepared food stuffs, not elsewhere classified	198	877	600	18	0	0	679	1,011	3,382
13 Alcoholic and non-alcoholic beverages	50	0	174	0	0	0	7	0	231
14 Sand, gravel and crushed stone	0	0	0	0	0	0	0	0	0
15 Salt	0	205	49,319	122,990	31,779	93,851	90,294	20,723	409,160
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	5,964	26,130	0	0	0	169,176	201,269
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	1,363	6,907	72,341	4,851	0	0	11,928	29,266	126,655
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	1,369	0	0	0	0	0	0	1,369
26 Coal	0	0	1,301,555	51,535	0	0	0	60,743	1,413,832
27 Gasoline and aviation turbine fuel	0	1	0	14,335	0	82	0	0	14,418
28 Fuel oils and crude petroleum	0	0	0	25,534	0	24,183	0	16,814	66,530
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	4,386	7,019	234	8,209	0	3,204	0	79,458	102,510
30 Coal coke and petroleum coke	0	0	16,277	0	4,908	14,745	24,886	88,566	149,381
31 Other refined petroleum and coal products	168	779	611	65,285	103	979	13	644,877	712,814
32 Sulphuric acid	0	0	0	0	181	183	0	0	365
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	86	475	3,097	3,790	1,416	5,599	15,314	16,593	46,372
35 Potash	295,396	24,971	935,555	80,790	60,908	9,530	6,101,957	7,944,222	15,453,329
36 Fertilizers (excluding potash)	4,658	7,415	52,757	181,029	22,401	50,296	11,877	252,960	583,393
37 Other chemical products and preparations	0	28	0	0	88	1,510	262	93	1,980
38 Plastic and rubber	15	37	89	0	0	0	5	2,223	2,368
39 Logs and other wood in the rough	0	0	20,643	11,205	0	0	145	39,735	71,727
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	163	1,203	21,430	335	0	0	1,195	168,933	193,258
42 Other wood products (plywood, veneer)	135	9,252	26,180	2,074	0	2,413	14,092	658,238	712,383
43 Wood pulp	0	4,172	18,321	5,984	3,864	0	306,166	138,016	476,522
44 Newsprint	0	0	0	0	0	0	0	68	68

See footnotes at the end of the table.

Table 14-9 – continued

Rail transportation — Commodity movements from Saskatchewan

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	0	414	11,993	19,069	14,925	5	1,634	35,818	83,857
46 Cement	0	0	0	222	0	0	0	0	222
47 Other non-metallic mineral products	12	173	18	0	0	0	0	38	241
48 Iron and steel, primary or semi-finished	0	0	22,655	0	0	269,496	67,363	55,815	415,328
49 Copper, primary or semi-finished	0	0	0	0	0	0	0	0	0
50 Aluminum, primary or semi-finished	0	0	0	0	0	0	0	0	0
51 Other non-ferrous metal, primary or semi-finished	0	0	0	0	0	0	0	0	0
52 Articles of base metal	33	2,117	3,734	40	136	6,691	189	178,345	191,284
53 Machinery	2,936	1,704	17	0	0	0	3,355	464	8,475
54 Automobiles and mini-vans	0	13	308	0	0	48	82	0	451
55 Freight motor vehicles	0	0	0	0	0	0	0	0	0
56 Other vehicles	0	24	0	0	0	0	32	0	55
57 Parts and accessories for motor vehicles	0	0	0	0	0	0	11	0	11
58 Other transportation equipment	0	32	0	8,610	6,685	160	184	868	16,539
59 Metallic waste and scrap	0	1,413	310	3,964	10,633	18,719	1,578	3,837	40,452
60 Non-metallic waste and scrap	0	137	3,105	0	475	2,472	3,989	6,716	16,895
61 Other manufactured and miscellaneous goods	89	678	1,921	19	0	19	125	47	2,898
62 Pool car traffic of freight forwarder and ship associated	0	56	669	0	136	0	3	90	953
63 Mixed loads or unidentified freight	30,042	68,581	50,444	572	11	495	58,226	6,381	214,752
64 Less than carload shipments	0	15	0	0	0	0	0	0	15
Total tonnage of all rail commodities	393,109	1,242,603	7,382,951	1,270,379	196,673	1,041,386	12,705,857	12,556,181	36,789,138
Car type ⁴									
Containers on flat cars (COFC)	60,935	502,868	177,451	1,147	11	1,419	235,482	26,858	1,006,170
Trailers on flat cars (TOFC)	0	113	145	0	0	638	0	998	1,894

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-10

Rail transportation — Commodity movements to Saskatchewan

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	106	28	0	13,706	400	0	0	14,240
02 Other cereal grains	0	0	0	4,068	163	1,730	250	4,096	10,307
03 Fresh, chilled or dried vegetables	76	154	0	0	181	61	12	92	576
04 Fresh, chilled or dried fruit and nuts	0	25	0	0	0	0	20	0	45
05 Colza seeds (canola)	0	0	0	62,923	22,508	0	5	602	86,038
06 Other oil seeds and nuts, other agricultural product	150	32	211	211	0	0	20	0	623
07 Animal feed and products	0	95	2,641	39	93	2,213	0	58,709	63,791
08 Meat, fish, seafood and preparations	0	116	294	0	0	0	0	0	410
09 Milled grain production and preparations, bakery products	0	0	1,947	0	88	0	74	12,584	14,692
10 Animal or vegetable fats, oils and flours	0	0	0	248	1,285	1,100	240	697	3,570
11 Sugar	0	0	29	0	0	88	0	3,172	3,289
12 Prepared food stuffs, not elsewhere classified	0	242	7,795	44	0	2,435	1,206	235	11,957
13 Alcoholic and non-alcoholic beverages	178	423	1,785	9,339	0	5,499	607	0	17,830
14 Sand, gravel and crushed stone	0	6,769	0	299	0	0	0	141	7,209
15 Salt	0	5	206	0	31,779	0	0	24	32,014
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	0	0	0	118	118
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	0	0	0	0	1,693	394	22,172	24,258
20 Iron ores and concentrates	0	0	251	0	0	0	0	11,649	11,901
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	0	0	0	0	0	0	0	0
26 Coal	0	0	0	0	0	0	14,385	0	14,385
27 Gasoline and aviation turbine fuel	0	0	0	0	0	0	0	1,562	1,562
28 Fuel oils and crude petroleum	0	0	0	84	0	0	0	1,015	1,099
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	2,271	0	10	28	0	61,185	137	45,424	109,055
30 Coal coke and petroleum coke	0	0	0	16	4,908	0	0	608	5,532
31 Other refined petroleum and coal products	0	1,028	12,995	15	103	24,975	5,609	17,276	62,001
32 Sulphuric acid	0	0	0	0	181	10,330	180	0	10,691
33 Alumina	0	2,433	0	0	0	0	0	0	2,433
34 Other basic chemicals	169	2,084	9,576	23,593	1,416	72,922	1,951	83,825	195,536
35 Potash	0	0	0	0	60,908	1,085	0	414	62,406
36 Fertilizers (excluding potash)	0	0	1,423	43,759	22,401	417,015	269	188,299	673,166
37 Other chemical products and preparations	698	6,112	1,516	1,618	88	27	466	31,349	41,873
38 Plastic and rubber	23	8,675	1,068	0	0	25,298	856	16,726	52,646
39 Logs and other wood in the rough	0	2,137	0	0	0	0	3,016	0	5,154
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	0	17	243	0	0	27	1,668	1,399	3,355
42 Other wood products (plywood, veneer)	380	3,681	12,503	0	0	61	1,197	348	18,168
43 Wood pulp	0	0	0	0	3,864	0	72	0	3,935
44 Newsprint	0	0	0	0	0	900	788	0	1,688

See footnotes at the end of the table.

Table 14-10 – continued

Rail transportation — Commodity movements to Saskatchewan

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
45 Paper and paperboard, except printed products	105	6,371	2,966	5	14,925	74	1,282	6,692	32,421
46 Cement	0	0	0	0	0	69,633	0	789	70,422
47 Other non-metallic mineral products	536	713	1,675	0	0	48,239	396	53,413	104,971
48 Iron and steel, primary or semi-finished	0	163	18,454	0	0	0	6,718	89,954	115,289
49 Copper, primary or semi-finished	0	246	0	0	0	0	0	0	246
50 Aluminum, primary or semi-finished	0	2,831	2,378	0	0	0	0	0	5,209
51 Other non-ferrous metal, primary or semi-finished	0	5,647	75	0	0	25	0	1,071	6,819
52 Articles of base metal	0	718	2,215	508	136	210	57	7,184	11,027
53 Machinery	0	73	1,702	0	0	0	109	597	2,480
54 Automobiles and mini-vans	1,943	1,492	3,451	0	0	0	1,143	2,871	10,901
55 Freight motor vehicles	0	27	27,796	0	0	0	0	22,432	50,255
56 Other vehicles	0	0	0	0	0	0	0	17	17
57 Parts and accessories for motor vehicles	0	0	1,317	0	0	0	0	88	1,405
58 Other transportation equipment	0	0	4,381	1,016	6,685	367	136	7,169	19,754
59 Metallic waste and scrap	0	0	60,476	109,693	10,633	212,166	14,243	348,491	755,702
60 Non-metallic waste and scrap	0	11	135	0	475	0	20	190	831
61 Other manufactured and miscellaneous goods	560	2,552	9,561	709	0	307	237	121	14,046
62 Pool car traffic of freight forwarder and ship associated	0	7,876	14,704	115	136	45	148	0	23,024
63 Mixed loads or unidentified freight	2,832	57,924	117,642	4,514	11	13,968	35,675	1,488	234,054
64 Less than carload shipments	0	0	0	1,728	0	0	0	0	1,728
Total tonnage of all rail commodities	9,920	120,778	323,448	264,572	196,673	974,076	93,584	1,045,099	3,028,150
Car type ⁴									
Containers on flat cars (COFC)	4,139	74,859	160,374	15,452	11	27,039	42,331	13,932	338,137
Trailers on flat cars (TOFC)	0	44	132	0	0	0	0	1,052	1,227

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-11

Rail transportation — Commodity movements from Alberta

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	25	2,354	501,647	107,602	400	4,723	4,872,994	61,257	5,551,002
02 Other cereal grains	0	7,099	7,639	2,120	1,730	5,378	687,982	66,389	778,337
03 Fresh, chilled or dried vegetables	1,193	53,256	1,603	323	61	181	328,651	8,714	393,982
04 Fresh, chilled or dried fruit and nuts	0	69	86	0	0	0	0	0	155
05 Colza seeds (canola)	0	0	48	0	0	8	1,642,244	219	1,642,519
06 Other oil seeds and nuts, other agricultural product	18	4,036	12,598	197	0	0	20,737	8,678	46,264
07 Animal feed and products	3,555	50,561	26,587	2,074	2,213	3,811	457,630	376,807	923,238
08 Meat, fish, seafood and preparations	341	10,276	15,877	905	0	0	5,846	0	33,245
09 Milled grain production and preparations, bakery products	49	21,665	13,239	5,031	0	924	254,476	66,323	361,708
10 Animal or vegetable fats, oils and flours	2,232	16,358	16,017	831	1,100	4,092	537,227	179,723	757,579
11 Sugar	18	840	626	0	88	0	0	54,593	56,165
12 Prepared food stuffs, not elsewhere classified	971	3,078	22,539	4,019	2,435	26	15,127	70,307	118,502
13 Alcoholic and non-alcoholic beverages	759	6,871	6,219	23,929	5,499	1,418	28,709	17,134	90,537
14 Sand, gravel and crushed stone	826	45	504	0	0	1,054,681	20,597	486	1,077,139
15 Salt	0	0	692	0	0	16,837	50,758	0	68,288
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	87	370	11,954	0	3,048	5,301,701	1,696,772	7,013,932
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	1,225	3,921	1,277	1,693	14	7,390	2,342	17,862
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	273	0	0	0	0	0	0	273
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	0	0	0	0	0	141	2,453	2,594
26 Coal	0	0	113,803	0	0	393,261	1,659,065	0	2,166,129
27 Gasoline and aviation turbine fuel	0	1,971	5,023	35,645	0	50,930	201,266	0	294,836
28 Fuel oils and crude petroleum	0	2	56,178	84,796	0	283,893	922,301	454,307	1,801,476
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	5,641	29,941	82,342	11,753	61,185	146,902	101,245	1,363,420	1,802,428
30 Coal coke and petroleum coke	0	110,286	0	0	0	17,305	530,600	160,030	818,220
31 Other refined petroleum and coal products	24	12,154	57,331	32,006	24,975	104,087	198,504	200,879	629,958
32 Sulphuric acid	0	0	0	0	10,330	34,711	29,123	4,885	79,049
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	3,000	128,151	599,803	19,270	72,922	174,969	1,909,429	1,141,157	4,048,700
35 Potash	0	0	0	0	1,085	185	0	0	1,270
36 Fertilizers (excluding potash)	25,750	63,819	248,500	552,636	417,015	227,472	339,727	1,917,397	3,792,316
37 Other chemical products and preparations	27	1,112	3,390	3,462	27	2,279	8,207	31,146	49,650
38 Plastic and rubber	25,286	133,764	191,402	19,413	25,298	151,728	249,198	1,693,124	2,489,213
39 Logs and other wood in the rough	0	203	104	0	0	3,502	0	538	4,347
40 Wood chips	0	25	93,074	0	0	0	0	9,084	102,182
41 Lumber	13,308	50,551	225,713	17,253	27	19	46,255	1,648,517	2,001,642
42 Other wood products (plywood, veneer)	12,525	127,049	124,476	8,351	61	6,591	52,933	1,681,772	2,013,756
43 Wood pulp	0	19,401	20,668	0	0	122,343	1,504,401	936,362	2,603,175
44 Newsprint	0	288	66	0	900	1,024	677	163,941	166,896

See footnotes at the end of the table.

Table 14-11 – continued

Rail transportation — Commodity movements from Alberta

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	194	7,620	14,792	279	74	23	2,251	10,835	36,067
46 Cement	0	0	14,475	193,432	69,633	154,043	56,519	240,128	728,229
47 Other non-metallic mineral products	12,799	64,905	25,037	24,590	48,239	339	24,127	49,011	249,046
48 Iron and steel, primary or semi-finished	1,027	24	1,112	320	0	2,263	45,408	54,186	104,340
49 Copper, primary or semi-finished	0	0	0	0	0	0	0	0	0
50 Aluminum, primary or semi-finished	0	0	0	0	0	0	0	20	20
51 Other non-ferrous metal, primary or semi-finished	0	19,904	74	0	25	0	4,503	38	24,545
52 Articles of base metal	376	2,808	5,878	1,579	210	2,060	3,118	17,512	33,540
53 Machinery	1,023	1,630	1,725	2	0	0	1,817	2,272	8,470
54 Automobiles and mini-vans	93	2,054	4,391	0	0	0	2,007	0	8,544
55 Freight motor vehicles	0	121	48	0	0	0	0	0	169
56 Other vehicles	568	3,107	450	574	0	0	2	3	4,704
57 Parts and accessories for motor vehicles	108	32	1,583	750	0	0	821	319	3,613
58 Other transportation equipment	35	119	0	12,975	367	1,250	870	3,699	19,315
59 Metallic waste and scrap	0	4,071	4,355	5,557	212,166	28,476	106,902	112,741	474,268
60 Non-metallic waste and scrap	25	1,719	5,631	299	0	2,651	39,884	89,194	139,403
61 Other manufactured and miscellaneous goods	778	22,204	81,317	3,676	307	501	5,173	8,209	122,165
62 Pool car traffic of freight forwarder and ship associated	1,333	4,992	12,972	227	45	9	263	0	19,840
63 Mixed loads or unidentified freight	26,796	142,750	268,560	97,522	13,968	3,811	430,205	8,196	991,808
64 Less than carload shipments	0	0	30	440	0	0	0	86	556
Total tonnage of all rail commodities	140,702	1,134,865	2,894,515	1,287,068	974,076	3,011,767	22,709,009	14,615,201	46,767,202
Car type ⁴									
Containers on flat cars (COFC)	44,751	526,987	674,601	171,675	27,039	5,829	1,074,533	156,960	2,682,374
Trailers on flat cars (TOFC)	253	1,236	2,049	34	0	17	83	19,034	22,705

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 14-12

Rail transportation — Commodity movements to Alberta

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	0	0	99	46,893	4,723	0	0	51,715
02 Other cereal grains	0	74	98	1,883	121,434	5,378	180	155,438	284,485
03 Fresh, chilled or dried vegetables	102	0	16	21	0	181	197	301	818
04 Fresh, chilled or dried fruit and nuts	0	102	39	0	0	0	1,034	0	1,175
05 Colza seeds (canola)	0	2,992	0	58,443	364,439	8	0	2,575	428,456
06 Other oil seeds and nuts, other agricultural product	702	77	1,589	51	18	0	179	166	2,782
07 Animal feed and products	48	3,919	31,215	3,747	1,269	3,811	2,949	164,247	211,206
08 Meat, fish, seafood and preparations	378	319	1,149	0	0	0	166	0	2,012
09 Milled grain production and preparations, bakery products	41	410	8,976	6,339	0	924	159	12,197	29,045
10 Animal or vegetable fats, oils and flours	0	131	2,545	1,815	2,654	4,092	1,022	29,324	41,584
11 Sugar	64	424	5,526	0	0	0	15,066	52,211	73,290
12 Prepared food stuffs, not elsewhere classified	236	7,855	65,954	26	0	26	696	10,529	85,323
13 Alcoholic and non-alcoholic beverages	4,613	15,412	28,069	3,971	0	1,418	10,097	20,911	84,491
14 Sand, gravel and crushed stone	47	41,990	561	92	0	1,054,681	58,912	492,136	1,648,418
15 Salt	0	0	99	0	93,851	16,837	0	78	110,865
16 Phosphate rock	0	0	1,072,885	0	0	0	0	0	1,072,885
17 Sulphur	0	0	0	201	0	3,048	401	606	4,256
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	54	3,208	13,573	0	0	14	157,748	153,284	327,880
20 Iron ores and concentrates	0	0	0	0	0	0	0	3,664	3,664
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	0	19	0	0	0	92	230	340
26 Coal	0	9	5	0	0	393,261	32,143	5,794	431,212
27 Gasoline and aviation turbine fuel	0	84	93	0	82	50,930	756	73	52,017
28 Fuel oils and crude petroleum	0	0	110	0	24,183	283,893	1,824	29,297	339,306
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	6,580	260	3	1,992	3,204	146,902	1,063	61,494	221,498
30 Coal coke and petroleum coke	0	0	8	21	14,745	17,305	0	101,434	133,512
31 Other refined petroleum and coal products	307	4,326	152,869	357	979	104,087	18,424	242,187	523,535
32 Sulphuric acid	0	0	0	181	183	34,711	1,015	0	36,091
33 Alumina	0	3,096	1,761	0	0	0	0	8,398	13,255
34 Other basic chemicals	101	15,743	50,176	5,962	5,599	174,969	139,401	372,840	764,791
35 Potash	0	0	0	0	9,530	185	0	0	9,715
36 Fertilizers (excluding potash)	0	18	1,393	1,716	50,296	227,472	88	53,632	334,615
37 Other chemical products and preparations	149	2,278	17,420	466	1,510	2,279	1,156	59,054	84,311
38 Plastic and rubber	3,290	14,818	46,755	74	0	151,728	4,765	82,874	304,306
39 Logs and other wood in the rough	0	0	23	0	0	3,502	1,823	0	5,347
40 Wood chips	0	0	4	0	0	0	0	0	4
41 Lumber	314	13,903	9,419	202	0	19	57,053	20,353	101,263
42 Other wood products (plywood, veneer)	5,948	16,622	26,869	2,773	2,413	6,591	71,547	15,992	148,755
43 Wood pulp	0	23	0	0	0	122,343	820	18,009	141,195
44 Newsprint	0	543	1,315	2,930	0	1,024	23,911	9	29,733

See footnotes at the end of the table.

Table 14-12 – continued

Rail transportation — Commodity movements to Alberta

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
45 Paper and paperboard, except printed products	7,430	16,303	45,526	3,645	5	23	33,045	74,901	180,877
46 Cement	0	0	324	46	0	154,043	3,302	186,312	344,027
47 Other non-metallic mineral products	3,514	10,712	44,372	405	0	339	1,182	183,358	243,881
48 Iron and steel, primary or semi-finished	0	16,316	249,249	82	269,496	2,263	27,474	434,338	999,216
49 Copper, primary or semi-finished	0	0	43	0	0	0	0	20	63
50 Aluminum, primary or semi-finished	0	531	0	0	0	0	5,865	12,463	18,859
51 Other non-ferrous metal, primary or semi-finished	65,252	6	87	0	0	0	21,471	58	86,875
52 Articles of base metal	318	4,553	205,771	250	6,691	2,060	20,442	295,252	535,337
53 Machinery	1,861	854	955	0	0	0	2,210	42,686	48,565
54 Automobiles and mini-vans	14,295	6,589	49,846	919	48	0	13,696	50,889	136,281
55 Freight motor vehicles	0	31	69,323	0	0	0	3,005	165,558	237,916
56 Other vehicles	681	2,701	111	0	0	0	2,069	1,411	6,973
57 Parts and accessories for motor vehicles	0	0	30,889	0	0	0	237	1,745	32,870
58 Other transportation equipment	0	1,016	59	0	160	1,250	682	9,003	12,170
59 Metallic waste and scrap	0	60	35	0	18,719	28,476	24,532	2,082	73,904
60 Non-metallic waste and scrap	0	999	1,129	1,119	2,472	2,651	6,545	2,564	17,478
61 Other manufactured and miscellaneous goods	3,058	36,307	57,423	2,919	19	501	8,090	31,967	140,285
62 Pool car traffic of freight forwarder and ship associated	96	77,001	225,981	835	0	9	2,314	3,604	309,840
63 Mixed loads or unidentified freight	27,604	425,854	1,234,002	44,292	495	3,811	383,956	47,585	2,167,599
64 Less than carload shipments	253	88	24	0	0	0	302	0	667
Total tonnage of all rail commodities	147,333	748,555	3,755,684	147,874	1,041,386	3,011,767	1,165,105	3,715,129	13,732,833
Car type ⁴									
Containers on flat cars (COFC)	42,764	599,776	1,580,259	55,868	1,419	5,829	433,085	208,119	2,927,118
Trailers on flat cars (TOFC)	267	1,483	7,709	450	638	17	44	30,127	40,734

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-13

Rail transportation — Commodity movements from British Columbia

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	0	0	0	0	0	0	172,098	0	172,098
02 Other cereal grains	0	28	24	734	250	180	83,048	43,509	127,773
03 Fresh, chilled or dried vegetables	11	7,412	7,092	88	12	197	13,357	0	28,169
04 Fresh, chilled or dried fruit and nuts	644	32,425	8,969	228	20	1,034	0	20	43,340
05 Colza seeds (canola)	0	0	0	0	5	0	94,195	0	94,199
06 Other oil seeds and nuts, other agricultural product	152	18,019	10,065	37	20	179	0	6,434	34,905
07 Animal feed and products	46	748	351	176	0	2,949	3,809	878	8,959
08 Meat, fish, seafood and preparations	1,891	53,448	7,844	0	0	166	0	4,502	67,850
09 Milled grain production and preparations, bakery products	19	988	1,738	665	74	159	1,803	1,385	6,831
10 Animal or vegetable fats, oils and flours	0	70	515	361	240	1,022	259	0	2,468
11 Sugar	0	174	1,678	1,336	0	15,066	86	3,258	21,598
12 Prepared food stuffs, not elsewhere classified	460	23,404	26,738	1,923	1,206	696	0	7,951	62,376
13 Alcoholic and non-alcoholic beverages	260	3,150	8,875	3,276	607	10,097	0	923	27,186
14 Sand, gravel and crushed stone	17	172	185	0	0	58,912	564,004	24,755	648,046
15 Salt	0	18	0	0	0	0	0	179	197
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	4,492	0	0	0	401	843,435	16,276	864,604
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	71	536	0	394	157,748	200,052	2,717	361,517
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	180,116	12,594	73,235	0	0	404,280	958	671,184
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	60	0	0	0	0	934	4,187	5,181
24 Zinc ores and concentrates	0	89	0	0	0	0	55,240	0	55,329
25 Other metallic ores and concentrates	0	103,297	0	0	0	92	7,808	2,331	113,527
26 Coal	0	0	1,487,467	0	14,385	32,143	22,989,597	1,427,487	25,951,079
27 Gasoline and aviation turbine fuel	0	0	0	774	0	756	6,109	0	7,639
28 Fuel oils and crude petroleum	0	0	9	6,066	0	1,824	26,364	0	34,263
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	2,050	40	0	24	137	1,063	30,452	77,951	111,717
30 Coal coke and petroleum coke	0	0	0	0	0	0	0	0	0
31 Other refined petroleum and coal products	0	200	240	84	5,609	18,424	5,039	4,492	34,087
32 Sulphuric acid	0	0	67	3,661	180	1,015	77,787	60,568	143,277
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	18,712	19,749	13,358	16,582	1,951	139,401	208,832	93,878	512,463
35 Potash	0	0	0	0	0	0	0	1,175	1,175
36 Fertilizers (excluding potash)	8	46	361	11,949	269	88	9,369	41,100	63,190
37 Other chemical products and preparations	90	1,453	1,948	85	466	1,156	7,475	4,706	17,379
38 Plastic and rubber	498	11,578	10,097	646	856	4,765	689	8,090	37,219
39 Logs and other wood in the rough	707	750	10,963	6,622	3,016	1,823	512,089	11,228	547,198
40 Wood chips	0	47	2,878	0	0	0	3,359,874	1,441	3,364,239
41 Lumber	22,134	106,309	351,352	33,092	1,668	57,053	585,187	5,630,907	6,787,703
42 Other wood products (plywood, veneer)	32,376	197,697	156,759	9,559	1,197	71,547	425,948	668,223	1,563,304
43 Wood pulp	45,818	7,115	67,251	0	72	820	2,692,196	754,358	3,567,630
44 Newsprint	0	32	193	0	788	23,911	47,903	55,534	128,361

See footnotes at the end of the table.

Table 14-13 – continued

Rail transportation — Commodity movements from British Columbia

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	0	24,610	45,741	4,067	1,282	33,045	20,359	308,757	437,861
46 Cement	0	40	0	0	0	3,302	65,815	19	69,177
47 Other non-metallic mineral products	92	7,969	21,918	3,274	396	1,182	10,190	6,842	51,861
48 Iron and steel, primary or semi-finished	429	207	2,555	977	6,718	27,474	181	1,610	40,150
49 Copper, primary or semi-finished	0	802	0	45	0	0	0	20	867
50 Aluminum, primary or semi-finished	0	1,970	5,144	0	0	5,865	0	6,396	19,374
51 Other non-ferrous metal, primary or semi-finished	64	3,454	1,061	150	0	21,471	4,294	109,169	139,662
52 Articles of base metal	1,744	21,558	39,302	1,794	57	20,442	6,142	34,232	125,270
53 Machinery	179	6,146	7,353	41	109	2,210	2,225	1,109	19,371
54 Automobiles and mini-vans	21,894	133,062	101,496	9,344	1,143	13,696	6	5	280,646
55 Freight motor vehicles	4,327	14,517	26,145	870	0	3,005	12	3	48,878
56 Other vehicles	45	391	113	0	0	2,069	0	1,570	4,189
57 Parts and accessories for motor vehicles	7	900	26,347	137	0	237	0	3,723	31,352
58 Other transportation equipment	215	3,013	6,323	543	136	682	246	733	11,892
59 Metallic waste and scrap	0	73	485	0	14,243	24,532	18,832	50,844	109,009
60 Non-metallic waste and scrap	15	2,966	2,419	504	20	6,545	0	54,488	66,955
61 Other manufactured and miscellaneous goods	1,982	14,342	29,871	2,080	237	8,090	157	22,965	79,724
62 Pool car traffic of freight forwarder and ship associated	5	9,324	16,304	343	148	2,314	0	0	28,438
63 Mixed loads or unidentified freight	16,651	1,551,637	2,623,800	114,199	35,675	383,956	716	644,993	5,371,626
64 Less than carload shipments	24	42	31	54	0	302	0	0	453
Total tonnage of all rail commodities	173,565	2,570,215	5,146,555	309,623	93,584	1,165,105	33,558,492	10,208,875	53,226,013
Car type ⁴									
Containers on flat cars (COFC)	26,875	1,921,364	2,900,488	140,582	42,331	433,085	1,551	859,824	6,326,099
Trailers on flat cars (TOFC)	49	1,378	1,531	91	0	44	0	9,889	12,982

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-14

Rail transportation — Commodity movements to British Columbia

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	0	18	56	261,941	3,257,423	4,872,994	172,098	126	8,564,655
02 Other cereal grains	0	35	346	12,449	742,650	687,982	83,048	116,738	1,643,249
03 Fresh, chilled or dried vegetables	320	1,533	11,172	4,185	907,070	328,651	13,357	567	1,266,855
04 Fresh, chilled or dried fruit and nuts	0	120	123	0	0	0	0	126	368
05 Colza seeds (canola)	0	0	71	89,410	622,918	1,642,244	94,195	0	2,448,838
06 Other oil seeds and nuts, other agricultural product	231	35,315	104,981	17,511	28,671	20,737	0	8,958	216,403
07 Animal feed and products	22	18,208	19,768	24,637	149,810	457,630	3,809	102,368	776,251
08 Meat, fish, seafood and preparations	1,163	73,343	19,853	50,872	36	5,846	0	78	151,192
09 Milled grain production and preparations, bakery products	0	1,625	6,120	6,863	92,015	254,476	1,803	12,323	375,225
10 Animal or vegetable fats, oils and flours	0	151	5,434	38,207	189,678	537,227	259	51,902	822,857
11 Sugar	62	2,107	3,380	0	0	0	86	17,493	23,128
12 Prepared food stuffs, not elsewhere classified	703	17,852	56,506	15,774	679	15,127	0	7,022	113,662
13 Alcoholic and non-alcoholic beverages	3,654	4,313	24,752	1,218	7	28,709	0	3,493	66,145
14 Sand, gravel and crushed stone	150	30,177	0	0	0	20,597	564,004	5,141	620,068
15 Salt	0	0	0	0	90,294	50,758	0	93	141,145
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	84	0	0	5,301,701	843,435	0	6,145,220
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	65	47,698	7,679	4,391	11,928	7,390	200,052	14,917	294,120
20 Iron ores and concentrates	0	0	0	58	0	0	0	294,202	294,260
21 Copper ores and concentrates	0	0	0	0	0	0	404,280	0	404,280
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	35	0	0	0	0	934	42,495	43,464
24 Zinc ores and concentrates	0	94,222	0	0	0	0	55,240	0	149,462
25 Other metallic ores and concentrates	0	523	45	0	0	141	7,808	130	8,646
26 Coal	0	0	0	0	0	1,659,065	22,989,597	1,678	24,650,340
27 Gasoline and aviation turbine fuel	0	4,241	95	0	0	201,266	6,109	0	211,712
28 Fuel oils and crude petroleum	0	0	83	0	0	922,301	26,364	113	948,861
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	0	0	0	0	101,245	30,452	515	132,212
30 Coal coke and petroleum coke	0	0	0	0	24,886	530,600	0	8,596	564,081
31 Other refined petroleum and coal products	0	908	39,887	0	13	198,504	5,039	3,718	248,069
32 Sulphuric acid	0	0	0	91	0	29,123	77,787	90	107,091
33 Alumina	0	4,290	0	0	0	0	0	0	4,290
34 Other basic chemicals	120	41,817	29,541	45,668	15,314	1,909,429	208,832	116,983	2,367,704
35 Potash	0	0	0	0	6,101,957	0	0	0	6,101,957
36 Fertilizers (excluding potash)	0	180	203	10,807	11,877	339,727	9,369	9,815	381,979
37 Other chemical products and preparations	0	6,666	6,397	285	262	8,207	7,475	14,854	44,146
38 Plastic and rubber	959	12,117	39,418	767	5	249,198	689	69,369	372,521
39 Logs and other wood in the rough	0	3,249	1,778	0	145	0	512,089	2,866	520,126
40 Wood chips	0	0	11	0	0	0	3,359,874	76	3,359,961
41 Lumber	50	12,356	11,928	597	1,195	46,255	585,187	2,824	660,391
42 Other wood products (plywood, veneer)	1,734	18,825	19,156	4,161	14,092	52,933	425,948	13,982	550,830
43 Wood pulp	0	10,915	56,980	0	306,166	1,504,401	2,692,196	25,175	4,595,834
44 Newsprint	0	3,456	106	590	0	677	47,903	734	53,465

See footnotes at the end of the table.

Table 14-14 – continued

Rail transportation — Commodity movements to British Columbia

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
45 Paper and paperboard, except printed products	4,895	44,642	29,077	16,006	1,634	2,251	20,359	14,885	133,748
46 Cement	0	0	2,256	0	0	56,519	65,815	143	124,733
47 Other non-metallic mineral products	2,523	33,188	12,139	61	0	24,127	10,190	21,693	103,921
48 Iron and steel, primary or semi-finished	0	6,583	79,797	2,275	67,363	45,408	181	49,838	251,445
49 Copper, primary or semi-finished	0	290	504	22	0	0	0	12	828
50 Aluminum, primary or semi-finished	0	16,775	499	0	0	0	0	4,138	21,411
51 Other non-ferrous metal, primary or semi-finished	2,018	3,982	14,571	3,896	0	4,503	4,294	427	33,690
52 Articles of base metal	101	3,471	27,043	1,130	189	3,118	6,142	10,912	52,105
53 Machinery	203	3,081	4,042	4,429	3,355	1,817	2,225	8,033	27,185
54 Automobiles and mini-vans	20,424	4,601	46,019	368	82	2,007	6	46,033	119,539
55 Freight motor vehicles	0	85	42,785	36	0	0	12	31,725	74,643
56 Other vehicles	0	83	247	0	32	2	0	384	747
57 Parts and accessories for motor vehicles	0	123	60,917	46	11	821	0	696	62,614
58 Other transportation equipment	10	302	767	108	184	870	246	1,123	3,610
59 Metallic waste and scrap	0	5,584	9,428	3,055	1,578	106,902	18,832	4,306	149,685
60 Non-metallic waste and scrap	39	23,407	23,356	10,705	3,989	39,884	0	42,943	144,323
61 Other manufactured and miscellaneous goods	737	22,378	54,721	3,214	125	5,173	157	9,497	96,002
62 Pool car traffic of freight forwarder and ship associated	43	63,258	95,972	507	3	263	0	132	160,178
63 Mixed loads or unidentified freight	33,138	991,765	1,546,091	103,406	58,226	430,205	716	287,566	3,451,113
64 Less than carload shipments	0	5	0	40	0	0	0	0	45
Total tonnage of all rail commodities	73,361	1,669,895	2,516,181	739,786	12,705,857	22,709,009	33,558,492	1,484,046	75,456,627
Car type ⁴									
Containers on flat cars (COFC)	44,782	1,484,025	2,080,205	221,860	235,482	1,074,533	1,551	359,159	5,501,596
Trailers on flat cars (TOFC)	17	660	6,725	475	0	83	0	4,237	12,198

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-15

Rail transportation — Commodity movements from United States and Mexico

Commodity	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
tonnes									
01 Wheat	40	2,356	5,637	0	0	0	126	774,821	782,981
02 Other cereal grains	41,007	433,725	69,991	9,163	4,096	155,438	116,738	1,484,381	2,314,538
03 Fresh, chilled or dried vegetables	1,755	31,655	11,137	270	92	301	567	5,360	51,137
04 Fresh, chilled or dried fruit and nuts	0	15,267	12,845	0	0	0	126	58	28,296
05 Colza seeds (canola)	0	0	13,425	1,706	602	2,575	0	163	18,470
06 Other oil seeds and nuts, other agricultural product	13,158	107,653	87,802	40	0	166	8,958	841,765	1,059,541
07 Animal feed and products	54,438	490,190	120,312	3,942	58,709	164,247	102,368	433,385	1,427,591
08 Meat, fish, seafood and preparations	4,780	3,987	4,259	21	0	0	78	299	13,425
09 Milled grain production and preparations, bakery products	9,273	40,940	248,112	221	12,584	12,197	12,323	258,185	593,834
10 Animal or vegetable fats, oils and flours	25,137	36,403	65,197	27,663	697	29,324	51,902	38,152	274,473
11 Sugar	3,368	95,058	87,699	407	3,172	52,211	17,493	16,877	276,285
12 Prepared food stuffs, not elsewhere classified	4,159	24,235	78,371	105	235	10,529	7,022	10,692	135,348
13 Alcoholic and non-alcoholic beverages	2,073	12,408	108,204	371	0	20,911	3,493	31,783	179,242
14 Sand, gravel and crushed stone	34,342	84,031	52,935	0	141	492,136	5,141	135,226	803,952
15 Salt	0	1,270	1,435	0	24	78	93	5,420	8,321
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	118	606	0	0	724
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	225,864	171,335	434,265	8,241	22,172	153,284	14,917	99,906	1,129,983
20 Iron ores and concentrates	0	26	0	0	11,649	3,664	294,202	1,746	311,288
21 Copper ores and concentrates	0	37,445	19,280	20,496	0	0	0	0	77,220
22 Nickel ores and concentrates	0	0	1,330	0	0	0	0	0	1,330
23 Lead ores and concentrates	0	88	0	0	0	0	42,495	0	42,583
24 Zinc ores and concentrates	0	262	0	0	0	0	0	0	262
25 Other metallic ores and concentrates	0	55	15,305	0	0	230	130	0	15,720
26 Coal	671	13,007	2,059	264,829	0	5,794	1,678	984	289,024
27 Gasoline and aviation turbine fuel	0	0	1,897	0	1,562	73	0	301	3,833
28 Fuel oils and crude petroleum	0	641	167	2,146	1,015	29,297	113	424	33,804
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	12,997	1,704	65,200	0	45,424	61,494	515	1,243	188,577
30 Coal coke and petroleum coke	0	216,093	12,504	0	608	101,434	8,596	5,715	344,950
31 Other refined petroleum and coal products	11,115	53,302	243,418	4,317	17,276	242,187	3,718	109,700	685,032
32 Sulphuric acid	89	8,354	50,265	0	0	0	90	0	58,798
33 Alumina	0	1,371	12,977	0	0	8,398	0	0	22,746
34 Other basic chemicals	76,991	513,799	1,070,000	46,532	83,825	372,840	116,983	212,652	2,493,623
35 Potash	0	0	1,084	0	414	0	0	36,219	37,716
36 Fertilizers (excluding potash)	51,014	111,296	327,217	111,529	188,299	53,632	9,815	10,709	863,511
37 Other chemical products and preparations	13,686	127,626	178,690	4,824	31,349	59,054	14,854	26,761	456,844
38 Plastic and rubber	97,705	347,934	820,719	21,324	16,726	82,874	69,369	91,142	1,547,793
39 Logs and other wood in the rough	267	6,147	2,319	125	0	0	2,866	19,991	31,714
40 Wood chips	0	32	42	0	0	0	76	32	182
41 Lumber	802	5,498	11,156	2,005	1,399	20,353	2,824	396,905	440,941
42 Other wood products (plywood, veneer)	1,475	38,828	27,435	512	348	15,992	13,982	310,000	408,570
43 Wood pulp	11,812	53,136	74,377	0	0	18,009	25,175	146,142	328,651
44 Newsprint	0	1,425	983	0	0	9	734	43,274	46,424

See footnotes at the end of the table.

Table 14-15 – continued

Rail transportation — Commodity movements from United States and Mexico

	Destination								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage for all destinations
	tonnes								
45 Paper and paperboard, except printed products	3,469	94,693	238,179	12,685	6,692	74,901	14,885	703,112	1,148,616
46 Cement	0	2,781	274	511	789	186,312	143	18	190,829
47 Other non-metallic mineral products	1,715	29,415	63,221	645	53,413	183,358	21,693	34,703	388,164
48 Iron and steel, primary or semi-finished	35,704	133,735	430,433	8,764	89,954	434,338	49,838	27,425	1,210,190
49 Copper, primary or semi-finished	0	1,365	392	215	0	20	12	3,803	5,807
50 Aluminum, primary or semi-finished	0	2,615	16,539	84	0	12,463	4,138	2,569	38,407
51 Other non-ferrous metal, primary or semi-finished	0	5,271	0	1,902	1,071	58	427	0	8,728
52 Articles of base metal	1,058	22,897	27,753	2,090	7,184	295,252	10,912	9,546	376,692
53 Machinery	2,649	27,676	23,394	673	597	42,686	8,033	1,015	106,723
54 Automobiles and mini-vans	19,139	129,903	158,876	10,611	2,871	50,889	46,033	0	418,322
55 Freight motor vehicles	29,507	147,902	174,526	25,374	22,432	165,558	31,725	0	597,024
56 Other vehicles	73	672	36	82	17	1,411	384	825	3,499
57 Parts and accessories for motor vehicles	454	71,795	518,247	58	88	1,745	696	10,754	603,835
58 Other transportation equipment	5,943	12,810	4,605	71,102	7,169	9,003	1,123	11,250	123,005
59 Metallic waste and scrap	22,843	70,738	81,673	4,229	348,491	2,082	4,306	38,662	573,023
60 Non-metallic waste and scrap	57	122,425	166,965	989	190	2,564	42,943	33,935	370,067
61 Other manufactured and miscellaneous goods	561	40,856	26,675	866	121	31,967	9,497	16,045	126,588
62 Pool car traffic of freight forwarder and ship associated	91	731	1,202	0	0	3,604	132	0	5,761
63 Mixed loads or unidentified freight	302,998	1,021,780	402,125	4,834	1,488	47,585	287,566	8,267	2,076,643
64 Less than carload shipments	0	0	76	0	0	0	0	0	76
Total tonnage of all rail commodities	1,124,277	5,028,642	6,675,239	676,502	1,045,099	3,715,129	1,484,046	6,452,342	26,201,276
Car type ⁴									
Containers on flat cars (COFC)	318,987	1,359,515	451,663	11,875	13,932	208,119	359,159	30,146	2,753,395
Trailers on flat cars (TOFC)	9,067	18,173	177,913	4,757	1,052	30,127	4,237	32,256	277,581

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: Transport Canada

Table 14-16

Rail transportation — Commodity movements to United States and Mexico

Commodity	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
	tonnes								
01 Wheat	7,641	8,610	383,229	778,935	422,876	61,257	0	774,821	2,437,370
02 Other cereal grains	1,119	76,373	45,679	569,979	506,292	66,389	43,509	1,484,381	2,793,719
03 Fresh, chilled or dried vegetables	146	54,208	13,391	27,739	46,137	8,714	0	5,360	155,695
04 Fresh, chilled or dried fruit and nuts	0	48	103	0	0	0	20	58	230
05 Colza seeds (canola)	0	162	0	317,299	181,208	219	0	163	499,051
06 Other oil seeds and nuts, other agricultural product	0	9,633	12,140	25,594	54,572	8,678	6,434	841,765	958,816
07 Animal feed and products	681	4,513	48,240	72,059	19,459	376,807	878	433,385	956,023
08 Meat, fish, seafood and preparations	302	21,427	10,307	84	0	0	4,502	299	36,922
09 Milled grain production and preparations, bakery products	4,412	6,589	74,523	54,638	202,920	66,323	1,385	258,185	668,975
10 Animal or vegetable fats, oils and flours	60	2,720	61,799	404,151	502,588	179,723	0	38,152	1,189,192
11 Sugar	0	48,221	79,157	136	0	54,593	3,258	16,877	202,241
12 Prepared food stuffs, not elsewhere classified	6	6,770	24,201	106,570	1,011	70,307	7,951	10,692	227,508
13 Alcoholic and non-alcoholic beverages	120	9,203	29,232	94	0	17,134	923	31,783	88,489
14 Sand, gravel and crushed stone	114	59,395	453,833	181	0	486	24,755	135,226	673,991
15 Salt	0	18	69,959	0	20,723	0	179	5,420	96,299
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	32,361	31,658	6,972	631	169,176	1,696,772	16,276	0	1,953,845
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	53,227	34,162	324,665	12,389	29,266	2,342	2,717	99,906	558,675
20 Iron ores and concentrates	0	24,753	4,460	0	0	0	0	1,746	30,959
21 Copper ores and concentrates	0	0	0	0	0	0	958	0	958
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	0	0	0	0	0	4,187	0	4,187
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	526	23,675	0	0	2,453	2,331	0	28,985
26 Coal	0	455	0	0	60,743	0	1,427,487	984	1,489,669
27 Gasoline and aviation turbine fuel	0	11,839	86	0	0	0	0	301	12,226
28 Fuel oils and crude petroleum	0	127,451	71,622	1,401	16,814	454,307	0	424	672,018
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	207,485	57,356	1,095,485	80,264	79,458	1,363,420	77,951	1,243	2,962,661
30 Coal coke and petroleum coke	0	85	17,499	0	88,566	160,030	0	5,715	271,895
31 Other refined petroleum and coal products	0	15,124	408,481	57	644,877	200,879	4,492	109,700	1,383,610
32 Sulphuric acid	51,658	557,354	975,915	30,433	0	4,885	60,568	0	1,680,813
33 Alumina	0	252,559	4,618	0	0	0	0	0	257,177
34 Other basic chemicals	19,741	1,256,626	627,495	164,349	16,593	1,141,157	93,878	212,652	3,532,492
35 Potash	227,971	20	112,170	91	7,944,222	0	1,175	36,219	8,321,867
36 Fertilizers (excluding potash)	0	14,766	170,315	168,849	252,960	1,917,397	41,100	10,709	2,576,096
37 Other chemical products and preparations	0	46,966	198,517	130	93	31,146	4,706	26,761	308,317
38 Plastic and rubber	24,473	322,757	748,358	2,619	2,223	1,693,124	8,090	91,142	2,892,786
39 Logs and other wood in the rough	8,215	15,735	307,867	107,087	39,735	538	11,228	19,991	510,395
40 Wood chips	0	0	20,673	0	0	9,084	1,441	32	31,229
41 Lumber	670,730	1,832,983	1,145,011	140,888	168,933	1,648,517	5,630,907	396,905	11,634,873
42 Other wood products (plywood, veneer)	233,513	1,137,431	813,007	193,745	658,238	1,681,772	668,223	310,000	5,695,928
43 Wood pulp	224,071	375,946	1,383,717	2,285	138,016	936,362	754,358	146,142	3,960,897
44 Newsprint	191,799	1,481,282	860,725	68,366	68	163,941	55,534	43,274	2,864,988

See footnotes at the end of the table.

Table 14-16 – continued

Rail transportation — Commodity movements to United States and Mexico

	Origin								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage from all origins
	tonnes								
45 Paper and paperboard, except printed products	667,155	1,347,622	216,898	55,346	35,818	10,835	308,757	703,112	3,345,540
46 Cement	0	385,219	644,154	5	0	240,128	19	18	1,269,544
47 Other non-metallic mineral products	24,458	78,814	99,366	29,557	38	49,011	6,842	34,703	322,789
48 Iron and steel, primary or semi-finished	471	447,722	597,350	45,612	55,815	54,186	1,610	27,425	1,230,192
49 Copper, primary or semi-finished	0	108,731	84,735	77,006	0	0	20	3,803	274,294
50 Aluminum, primary or semi-finished	0	1,205,901	39,442	0	0	20	6,396	2,569	1,254,327
51 Other non-ferrous metal, primary or semi-finished	38,026	70,398	869	29,947	0	38	109,169	0	248,446
52 Articles of base metal	2,952	25,532	88,168	13,420	178,345	17,512	34,232	9,546	369,707
53 Machinery	257	41,389	17,144	1,100	464	2,272	1,109	1,015	64,749
54 Automobiles and mini-vans	0	212	1,224,197	0	0	0	5	0	1,224,414
55 Freight motor vehicles	0	146	1,336,590	0	0	0	3	0	1,336,739
56 Other vehicles	0	284	48,370	1,594	0	3	1,570	825	52,646
57 Parts and accessories for motor vehicles	30	2,623	563,734	85	0	319	3,723	10,754	581,268
58 Other transportation equipment	54	12,081	51,501	19,511	868	3,699	733	11,250	99,697
59 Metallic waste and scrap	1,342	31,609	826,912	30,132	3,837	112,741	50,844	38,662	1,096,078
60 Non-metallic waste and scrap	4,005	73,340	91,510	13,337	6,716	89,194	54,488	33,935	366,525
61 Other manufactured and miscellaneous goods	231	30,357	42,589	34,607	47	8,209	22,965	16,045	155,051
62 Pool car traffic of freight forwarder and ship associated	0	85	85	0	90	0	0	0	260
63 Mixed loads or unidentified freight	426,831	1,987,836	135,218	14,287	6,381	8,196	644,993	8,267	3,232,009
64 Less than carload shipments	0	0	0	5,080	0	86	0	0	5,166
Total tonnage of all rail commodities	3,125,657	13,755,622	16,735,954	3,701,671	12,556,181	14,615,201	10,208,875	6,452,342	81,151,503
Car type ⁴									
Containers on flat cars (COFC)	461,443	2,488,418	320,251	30,449	26,858	156,960	859,824	30,146	4,374,349
Trailers on flat cars (TOFC)	9,374	8,961	162,543	3,509	998	19,034	9,889	32,256	246,564

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. For confidentiality reasons, other non-metallic mineral products include the tonnage of gypsum.

4. C.O.F.C. and T.O.F.C. tonnage is included in the grand total.

Source: *Transport Canada*

Table 15-1

Rail transportation — Non-intermodal and intermodal tonnage transported from Mexico

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S.	
	tonnes								
Total Intermodal and Non Intermodal	501	1,881	17,739	355	0	456	119	0	21,050
Car type ³									
Containers on flat cars (COFC)	473	1,255	3,591	210	0	338	54	0	5,919
Trailers on flat cars (TOFC)	28	34	776	0	0	0	0	0	838

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. C.O.F.C. and T.O.F.C. tonnage is included in the total Intermodal and Non Intermodal.

Table 15-2

Rail transportation — Non-intermodal and intermodal tonnage transported to Mexico

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S.	
	tonnes								
Total Intermodal and Non Intermodal	561	202,654	203,275	329,560	94,292	53,765	5,595	14,624	904,325
Car type ³									
Containers on flat cars (COFC)	38	4,251	2,567	528	39	688	50	0	8,161
Trailers on flat cars (TOFC)	0	178	582	80	0	0	0	0	839

1. Atlantic Region includes: Newfoundland and Labrador, Nova Scotia, New Brunswick and Prince Edward Island.

2. Alberta includes Northwest Territories.

3. C.O.F.C. and T.O.F.C. tonnage is included in the total Intermodal and Non Intermodal.

Survey concepts and data limitations

Collection authorities and related classifications

Railway statistics contained in this publication were collected in accordance with the provisions of the Carrier Information Regulations under Section 50 of the **Canada Transportation Act** and Chapter S-19 of the **Statistics Act** (Revised Statutes of Canada 1985).

Financial, operating and commodity statistics are produced from reports submitted by common carrier railways. Most of the reporting companies operate within the legislative authority of Transport Canada (TC). Financial details of railways are reported in accordance with the Uniform Classification of Accounts (UCA), as prescribed by the Canadian Transportation Agency (CTA). Readers are advised to refer to the Uniform Classification of Accounts to assist in the interpretation of the information presented in this publication.

Since 1997 industry data have been published in accordance with the **North American Industrial Classification System** (NAICS). This new industry classification system is based on a production-oriented economic concept and allows comparability of data among the participating countries: Canada, United States and Mexico.

Rail Transportation falls under NAICS sub-sector 482, which is classified as follows:

Short-Haul Freight Rail Transportation (482112)

Mainline Freight Rail Transportation (482113)

Passenger Rail Transportation (482114)

It should be noted that railway companies providing scenic and sightseeing train excursions as their primary activity are classified in the industry group 487110 under NAICS and are not included in this publication.

Comparability with previous years

Railway companies that were under the legislative authority of the Parliament of Canada prior to 1997 were classified as follows:

Class I	Canadian National Railway Company (CN), Canadian Pacific Railway Company (CP) and VIA Rail Canada Inc., and related operations.
Class II	Other carriers involved in Canadian rail (freight) transportation.
Class III	Other companies such as terminal, bridge and tunnel companies.

Carriers under provincial jurisdiction were classified as Class II carriers. Under NAICS, CN and CP are classified as 482113. VIA is classified as 482114.

Class II companies fall under NAICS 482112. Support activities for transportation have been consolidated under a single NAICS sub-sector 488. The former Class III companies are now classified as Support Activities for Rail Transportation – 488210. Data from these companies are no longer included in this publication. Revised data from 1997 are available.

Employment statistics are collected in accordance with the **Uniform Classification of Railway Employees** (introduced January 1, 1964).

Commodity detail is reported according to the U.S. Standard Transportation Commodity Classification (STCC) and since 1999, converted to a 512 code Standard Classification of Transported Goods (SCTG).

Survey methodology, coverage and data limitations

Financial, operating and commodity statistics

Coverage and survey methodology

Financial and operating statistics contained in this publication are derived from a mail census of common carrier railways operating in Canada. However, there is a certain lag before new shortline carriers that come into operation are able to provide meaningful data. For example, carriers that started operations during 2004 were not included and some others were only able to provide partial data. Please note that revised data received from respondents are entered into the database and appear in subsequent publications.

Companies falling under federal jurisdiction report data on schedules or forms, specified by Transport Canada. Other railway carriers report directly to Statistics Canada on similar schedules. Individual reports undergo comprehensive review upon receipt and are edited for consistency and reliability.

Data limitations

Users are advised to consult the UCA for concepts and reporting definitions as survey results may be misconstrued or improperly interpreted without prior knowledge of the accounts. For example, carriers may report total traffic over their tracks, hence operating statistics, such as passenger car-kilometres and freight car-kilometres may be duplicated.

Railway transportation statistics cover the activities of common carriers offering services to the general public, or industrial sectors, for compensation. **Private railways**, that transport goods solely for parent companies and do not operate on a for-hire basis, **are excluded**.

Special notes on commodity statistics:

- i. Freight interlined between two or more Canadian rail carriers is included only once - unless specified otherwise - to avoid duplication. Traffic handled in intermediary switching service is excluded.
- ii. For the purpose of this publication, traffic south of the border is considered a United States rail connection for railways that operate in both Canada and the United States. Thus, freight crossing the international boundary (whether from or to a non-reporting United States railroad at that point, or carried by one of the respondents reporting in this series), appears as a "receipt from " or "delivery to" a United States rail connection.
- iii. Certain extensions of CN and CP rail services in the United States are, for statistical purposes, considered part of the Canadian operations and are included. This includes, for the most part, overhead movements (Canada to Canada through the United States) and short rail extensions across the border to connecting United States carriers.

Commodity origin and destination statistics

Coverage and survey methodology

Commodity origin and destination statistics are provided to Transport Canada (TC) and represent an annual census of waybill records from the two major railways - the Canadian National and Canadian Pacific. Freight interlined with Class II carriers is included while interline duplication between CN and CP is removed by TC. Each record

represents a freight movement and shows origin, destination, commodity code, mass, waybill revenues and other related information. Statistics Canada, however does not receive data on revenues from TC.

Origin and destination

CN reports Standard Point Location Code (SPLC) for points of origin and destination in Canada. CP provides Freight Station Accounting Code (FSAC) for points of origin and destination. These codes are matched by TC for the two railways and aggregated data containing provincial origins and destinations are provided to Statistics Canada. The point of origin and destination quoted is the point where rail traffic begins or terminates for intermodal traffic. In the case of interlined shipments, the origin and destination refers, also, to the rail transport origin and destination, which may differ from the point at which CN or CP picked up or delivered the goods.

Transborder shipments

Shipments of Canadian origin that terminate in the United States and shipments originating in United States that terminate in Canada, are included in the data.

In-transit traffic

In-transit traffic refers to movements where both the origin and the destination reported are in the United States. These are excluded in the tabulation results.

Note : There is no rail operations in Nunavut or Yukon, there is only tourism operations, which are not included in this survey.

Appendix I

Glossary

Average freight carload

This average is obtained by dividing tonne-kilometres by the number of loaded freight car-kilometres.

Average train speed

Average train speed is obtained by dividing train- kilometres by train hours. Train hours may include en route train switching time.

Box car

A box car is a closed railroad car with a roof and a door which is used for general service.

Caboose

A freight train car usually attached to the rear of the train for the use of train-men in giving and receiving signals, handling car records, and performing other duties.

Canadian rail operations

Rail operations consist of transportation by rail of goods and passengers (both inter-city and commuter) including intermodal transportation which may involve modes other than rail where such operations are required to complete a rail move.

Car-kilometres

A car-kilometre is the movement of a unit of car on one kilometre of track.

Carload

A carload is a shipment that uses one rail car for its transportation.

Carrier

Carrier means the entity having the legal authority to operate the railway.

Classification of Carriers

Railway carriers within the legislative authority of the Parliament of Canada were classified as follows:

- | | |
|----------|---|
| Class I | Canadian National Railway, Canadian Pacific Limited and VIA Rail Canada Inc., and their related operations. |
| Class II | Other carriers involved in Canadian rail transportation operations. |

Classification of employees

All employees are classified with respect to their occupation and assigned to their proper function and occupational class. Employees that work in more than one classification are prorated accordingly. Service hours and compensation are also distributed among the occupational classes in which the employee has worked.

Coach

A term commonly used to designate passenger cars which are used for day travel. They are fitted with conventional or reclining seats.

Common carrier

A railway that offers its services to the general public to transport passengers and/or goods for compensation.

Compensation, Total

The compensation is the gross amount paid to employees, including vacations, holidays, leaves of absence with pay and before deductions for income tax. Compensation should not include retroactive wage increases, which, although paid during the current year, pertain to a prior period.

Container on flat car (C.O.F.C.)

Transportation of loaded or empty containers on railway flat cars representing a form of intermodal transport.

Current ratio

A measure of liquidity obtained by dividing current assets by current liabilities. This ratio is used to show the ability to pay current debts from current assets.

Debt-asset ratio

A measure of solvency calculated by dividing total liabilities by total assets.

Debt-equity ratio

A measure of solvency calculated by dividing total liabilities by owner's equity.

Delivered to other railways in Canada

Traffic delivered directly to connecting Canadian rail carriers and deliveries to other modes of transport (other than car ferries) when these move at joint rates on through billing, or when a subsequent rail haul is indicated.

Delivered to United States rail

Traffic delivered to United States rail connections or transported across the border by the respondent.

Destination

Refers to the railway destination, not including connecting modes of transport, and is coded by the railway's respective station number. In the case of interlined shipments, the destination refers to the rail transport destination, not the point at which the reporting railway delivered the goods.

Employee

An employee is defined as any person in the service of a reporting carrier, whether on a full-time or part-time basis, and subject to the carrier's continuous authority to supervise and direct the manner of rendition of his service.

Employees, Number of

The number of employees is the average of counts made each month throughout the year. The count is not restricted to the number of personnel actually on duty, and includes all other regularly assigned employees and those on vacation or sick leave with pay. Persons on leave without pay or under suspension are not included.

Employment functions

The major railway Employment Functions are:

- General
- Road Maintenance
- Equipment Maintenance
- Transportation (non-train and train)

Empty car-kilometres

Kilometres run by freight cars without load, and flat cars loaded with railroad owned or controlled highway trailers or containers, moving without revenue waybill, excluding company service equipment designed for use exclusively in work service.

Equipment (operations)

This activity concerns all operations and transactions related to railway equipment, including locomotives, freight cars, passenger cars, inter-modal equipment, roadway machines, and work equipment. The operations or transactions within this activity include repair and maintenance, leases, rentals and depreciation of railway equipment.

Equipment maintenance (employment function)

This function refers to maintenance and servicing of all motive power, car, shop and power plant equipment.

First main track

Also referred to as road operated. It is equivalent to the length of single or first main track, measured by the distance between terminals over which railway transportation service is conducted (excludes parallel, yard and siding trackage).

Fiscal period

Annual data refer to the year ending December 31.

Freight car-kilometres

A freight car kilometre is the movement of a freight car over one kilometre of track.

Freight train-kilometres

The number of kilometres run by all trains between terminals or stations for the transportation of company or revenue freight; also kilometres run by trains made up of empty freight train cars, and by trains consisting of a locomotive and a caboose running light in connection with such service. Freight trains hauling passenger cars are classified as freight trains.

Freight-train car-kilometres

Kilometres run by loaded and empty freight train cars and caboose cars in transportation service.

General (operations and employment function)

This activity group concerns all operations and transactions related to the railway as a whole and includes general administration, employee benefits, taxes, insurance, purchasing and material stores. The functions performed in this classification are required to support the overall railway enterprise.

Gondola car

A car with sides and ends but no top, used for hauling commodities such as sand, gravel and coal.

Gross domestic product

The gross domestic product is the value of goods and services produced in a country.

Gross tonne-kilometres

A gross tonne-kilometre is the movement of a tonne of rail equipment and intermodal equipment (including freight) over one kilometre of track. This covers all movements over the carrier's tracks except switching operations, including operations by other carriers.

Head-end car

A passenger train car designed for transporting mail, baggage, newspapers, milk in cans, etc. and not equipped to accommodate passengers.

Hopper car

A car which moves dry bulk freight and usually unloads through gravity by vents on the underside.

Industrial track

A switching track serving industries such as mines, mills, smelters and factories.

Interline freight

Tonnage passing over the lines of two or more carriers. The interchange is termed an interline movement.

Intermediate switching

A switching service includes all the elements of switching performed by a carrier which neither originates nor terminates the shipment nor receives a line-haul on that shipment.

Intermodal

Inter-modal operations involve more than one mode of transport to complete the movement of shipments. Goods are carried in a highway trailer or freight container, which is transferred between a rail car and some other mode, usually a truck or ship.

International carrier

A carrier that operates between Canada and the United States.

Inter-provincial carrier

A carrier that operates in more than one province or territory.

In-transit

In-transit implies cargo or passengers en route between the point of origin and the point of destination.

Intra-provincial carrier

A carrier that operates in only one province or territory.

Joint facility

Railway tracks, yards, terminals, and other facilities owned by one carrier and used jointly by two or more carriers.

Length of road operated

The single or first main track measured by the distance between terminals, over which railway transportation is conducted.

Light locomotive

A locomotive which moves under its own power without pulling any cars.

Line-haul

The movement of trains between terminals and stations on the main or branch lines of the railway, exclusive of switching operations.

Loaded

Revenue freight originating directly on the track belonging to the respondent, including that received from private, non-reporting industrial sidings; freight received from switching roads connecting with the respondent where such freight has not previously been given line-haul transportation; freight received from other modes of transport; freight re-shipped following milling or fabrication at some point in transit; and idler or trailer cars.

Loaded car-kilometres

Kilometres run by freight cars in freight and passenger trains loaded with revenue or non-revenue freight and also by company service equipment designed for use exclusively in work service.

Local traffic

Traffic originating and terminating on the same railway without an intermediate haul by a connecting railway.

Locomotive unit

A piece of railway rolling stock containing engines used to propel a train along the track but not capable itself of accommodating passengers or freight. Such units may be used singly (with a crew cab) or in conjunction with other units, with all such units usually being controlled from the cab of one of the units.

Locomotive unit-kilometres

A locomotive unit-kilometre is the operation of a locomotive unit over a kilometre of track. VIA trains are considered part of the operating carrier's operations.

Non-revenue freight

Company materials and supplies transported without charge in freight trains of a particular railway for its own use.

Occupational classification

The major railway Occupational Classifications are:

- Managerial and supervisory
- Professional, technical and staff assistants
- Clerical
- Running trades
- Working foremen
- Craftsmen, tradesmen, lead hands, service workers and helpers

- Labourers, including building attendants and coach cleaners
- Floating equipment employees (Railway) and employees in other operations

On company service (O.C.S.)

The movement of non-revenue loaded cars for the company's own purposes such as work equipment, rail ties or ballast.

Operating ratio

The operating ratio is the proportion of total operating revenues absorbed by total operating expenses.

Other main track

Length of track in the third or subsequent line parallel to the first and second main tracks.

Parlour car

A passenger car of a more luxurious character than a day coach having revolving seats, and other conveniences and on which an extra fare is charged.

Passenger car

A car equipped to carry passenger, baggage, etc., in passenger train service.

Passenger car-kilometres

Kilometres run by passenger cars, including both loaded and empty car-kilometres. Passenger car-kilometres in VIA trains may be recorded by both VIA and the operating carrier.

Passenger locomotive-kilometres

The number of kilometres run by locomotives in passenger-train service.

Passenger train car-kilometres

Kilometres run by passenger train cars, including empty cars deadheaded in connection with passenger service.

Passenger train-kilometres

Kilometres run by passenger trains, to transport passengers and baggage etc., including trains comprised of deadhead passenger cars.

Passenger-kilometres

The movement of a passenger over a distance of one kilometre. Passenger-kilometres are derived by multiplying the number of passengers by distance travelled.

Passing tracks and crossovers

Length of track parallel to first or other main track designated for meets and overtakes (passing) of trains and track provided for movement of trains between main tracks.

Piggyback

Piggyback is a term used to describe the transportation of loaded or empty highway trailers, or containers, on rail cars.

Private siding

A small line owned by an individual or company and connected to a railway line.

Private-line cars

Freight cars owned by companies other than the railways and used for the transportation of goods over various lines. These are sometimes called private cars.

Railway operations

This activity concerns all of the operations of the railway which are directly involved in providing transportation service, including train operations, yard operations, train control operations, inter-modal operations, station and terminal operations, and other modes of transport used as an integral part of a rail service.

Real gross domestic product

The gross domestic product expressed in constant dollars.

Received from other railways in Canada

Traffic received directly from connecting Canadian rail carriers and receipts from other modes of transport (other than car ferries) when these move at joint rates on through billing, or when a previous rail haul is indicated.

Received from United States rail destined to Canadian points

Traffic received from United States rail and transported across the border by the respondent, destined to Canadian points.

Received from United States rail destined to United States points

Overhead traffic representing freight moving from United States rail connections to points in the United States through Canada.

Revenue passenger

A person travelling on a train by right of fare.

Road maintenance (Employment function)

This function represents the construction and maintenance of all track and structures and signal installations.

Rolling stock

Transportation equipment on wheels owned by a rail carrier, not including motive power equipment.

Second main track

Is equivalent to the length of track in a second line running parallel to first main track where double track (or triple track, etc.) is laid on the same road-bed.

Self-propelled car

A single motor-powered unit of railway equipment designed to carry passenger or baggage traffic. It is not considered to be a locomotive. It is also referred to as a motor car or rail diesel car.

Service hours paid for

Hours paid for include time actually worked plus time for such items as vacation, holiday, and leaves of absence when paid for, and applies to all employees.

Standard Transportation Commodity Code (STCC)

The STCC system is a seven digit coding structure designed to classify all commodities or articles transported by rail.

Tonne-kilometre

The movement of one tonne, over a distance of one kilometre.

Tonnes of revenue traffic

This figure records the total weight of revenue shipments.

Trailer on flat car (T.O.F.C.)

Transportation of loaded or empty highway trailers on railway flat cars representing a form of intermodal transport.

Train

A unit or a combination of units of equipment (exclusive of light locomotives) equipped with self-contained motor equipment for movement over tracks. A self-propelled car moving on its own is a train, as is a several car freight train.

Train hours

Train hours are measured as the time taken by a train between departure and arrival station, minus time spent in train switching en route.

Train switching

Switching service performed by train locomotives at terminals and at stations en route.

Train switching locomotive-kilometres

Kilometres allowed to train locomotives for performing train switching. The time actually taken up in such service is converted into kilometres at a rate of 9.6 kilometres per hour.

Train-kilometres

A train-kilometre is the movement of a train over one kilometre of track.

Trans-border shipment

A shipment originating in Canada and terminating in the United States as well as a shipment originating in United States and terminating in Canada.

Transportation (Employment function)

This function represents scheduling, dispatching and operating trains and other ancillary services, the operation of terminal facilities and the distribution of cars and motive power. This function is also responsible for the movement of merchandise by means of the integration of express and less than carload operations.

Uniform Classification of Accounts (U.C.A.)

Uniform Classification of Accounts and Related Railway Records as prescribed by the National Transportation of Canada (now called the Canadian Transportation Agency), for use by all railways under federal jurisdiction. These accounts are also used for railway carriers whose data are collected under the authority of the Statistics Act.

Unloaded

Freight terminating directly on the road of the respondent. It includes, freight delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export. Also freight delivered to switching roads connecting with the respondent where there is no further line-haul; freight delivered to other modes of transport; and, freight unloaded for milling or fabrication at some point in transit.

Ways and structures (Operations)

This activity concerns all operations and transactions related to the fixed plant of the railway, including track and roadway, buildings, signals, communication and power facilities, terminals and fuel stations. The operations or transactions within this activity include repair and maintenance, leases, rents, and depreciation of railway fixed plant.

Work train service

A service performed by a train engaged in company service for which no revenue is received.

Yard switching

Switching service performed by locomotives in yards where regular switching is performed, including both terminal switching and transfer operations within yard limits.

Yard switching kilometres

Yard switching kilometres are measured as time spent in yard switching (including train transfer), converted to kilometres at a rate of 9.6 kilometres per hour.