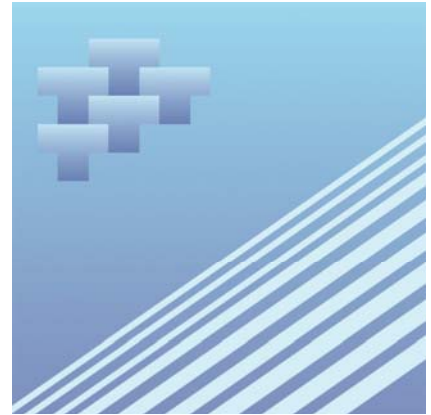




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Rail in Canada

2003



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Statistics Canada
Transportation Division
Multimodal Transport Section

Rail in Canada

2003

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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.

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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Foreword

"Rail in Canada, 2003" 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 sources of information on railway companies operating in Canada. The objectives, coverage and methodologies of these surveys are not identical. For details refer to the **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 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 2003, the survey universe was composed of three mainline carriers and about 43 regional and short-haul carriers.
- 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.
- The analysis section of this publication contains revised data from 1999 to 2002.

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Highlights

- In 2003, the Canadian rail industry realized net operating profits of \$1.6 billion. Net income, after tax and extraordinary items, was \$1.7 billion, up from the \$922 million recorded in 2002. Substantial gains on the part of CN in the "Other income and charges" category were responsible for this increase in the industry's net income.
- The operating revenues of Canadian rail companies rose 1.2% in 2003 compared to 2002, reaching \$8.3 billion.
- In 2003, total operating expenses of rail carriers grew 1.5% compared to the previous year, reaching \$6.7 billion.
- The total assets of rail companies were valued at \$17.6 billion at the end of the 2003 fiscal year. CN held 45.6% of the total, CP held 36.3%, VIA Rail, 5.1% and regional and short line railways, 13.0%.
- During 2003, more than 2 billion litres of diesel fuel were consumed by railways. Fuel expenses were just over \$777 million on diesel fuel.
- In 2003, Canadian railways employed 36.3 thousand persons, down 2.6% from the previous year. The average annual compensation per employee rose 3.3% to slightly more than \$65,000. Total payroll also increased (0.5%), to \$2.37 billion.
- Total tonnage of revenue freight rose 1.1% in 2003 compared to 2002, reaching 338 million tonnes. Tonne kilometres remained practically unchanged from 2002 at 318 billion.
- The number of rail passengers in 2003 stood at 3,958 million, down 6.9% from 2002. Passenger-kilometres also declined, from 1.6 billion in 2002 to 1.4 billion in 2003.
- The three main commodities transported in 2003 by railway companies in Canada were coal with 28.6 million tonnes, mixed carload freight or unidentified freight with 21.1 million tonnes, and iron ore and concentrates with 19.5 million tonnes.

Overview of rail transport in 2003

A striking aspect of the Canadian economy in 2003 was the rise (21.7%) in the value of the Canadian dollar. During the year, the Canadian dollar rose from 63.39 cents US to 77.13 cents. Real GDP growth declined in 2003, from 3.3% to 1.7%. Canada and Germany were the only two member countries of the Group of Seven to register a decline in the growth of their GDP in 2003.

A number of negative events occurred across Canada in 2003, including the SARS epidemic in Toronto, the discovery of one case of mad cow in Alberta, a major electricity blackout toward the end of the summer in Ontario, the ravages of Hurricane Juan in Nova Scotia, and forest fires in British Columbia and Quebec.¹ Nevertheless, with the exception of VIA Rail, all main carriers in the rail industry in Canada managed to show a year-end profit.

Financial performance of rail carriers

Continuing their upward trend of the past five years, operating revenues reached \$8.3 billion in 2003, up 1.2% from 2002. This increase in operating revenues in 2003 was achieved despite the adverse events (mentioned above) that affected Canada's economic climate throughout the year. From 2002 to 2003, net operating income fell 0.4%, to represent \$1.6 billion. However, between 1999 and 2003, it rose 60.4%.

This increase in net operating income over five years may be explained in large measure by the different rationalization operations undertaken in recent years by railways to optimize their revenues and reduce their expenditures. This result is all the more significant since it was achieved in a five years period, when the rail industry was facing often-fragile economic conditions, blows inflicted by Mother Nature and the precariousness of some global markets. Among other things, Canada experienced floods, droughts, a major power blackout, etc. With respect to the global economy, Asia's economic crisis in the late 1990s, the terrorist attacks of September 11, 2001 and the difficult economic situation of the United States in the past few years all had an impact, at different levels and to different degrees, on the Canadian rail transportation industry.

In 2003, the market share of the different railways, based on operating revenues, remained practically unchanged compared to 2002. CN and CP obtained a market share of 48.3% and 36.3% respectively. VIA Rail obtained a market share of 5.0%, while regional and short line railways shared the remaining 10.4%.

1. *Canadian Economic Observer*, April 2004, Statistics Canada, Catalogue No. 11-010-XPB.

Text table 1

Distribution of operating revenues by major sources, 1999 to 2003

Year	Operating revenues					Total
	Freight transportation	Passenger transportation	Services to VIA	Government payments	Other	
	\$'000					
2003	7,336,845	255,822	64,924	306,060	323,616	8,287,267
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	327,250	8,149,560
2000	7,196,857	247,338	62,952	285,162	308,233	8,100,542
1999	6,853,697	225,410	66,481	298,167	266,015	7,709,770

Freight revenues

In 2003, freight transportation generated \$7.3 billion or 88.5% of the total operating revenues in the rail sector (see text table 1). Revenues from this source showed an increase of 1.4% compared to the \$7.2 billion generated in 2002. Between 1999 and 2003, revenues from this source rose 7%.

Freight revenues for CN showed a 0.3% increase compared to 2002 and accounted for 93.6% of this company's total operating revenues in 2003. With this result, CN obtained 51.1% of the industry operating revenues from freight carriage. The sectors in which CN registered revenue gains in 2003 were metals and ore and intermodal transport.²

For CP, freight revenues accounted for 94.5% of total revenues and 38.8% of total freight revenues for the railway transport industry as a whole. CP also registered an increase of 2.8% in freight revenue compared to 2002, obtaining \$2.8 billion. CP realized gains in its revenues in the following sectors: grain products, coal, sulphur and fertilizers, and intermodal transport.³

Regional and short-haul carriers obtained the remaining 10.1% of freight revenues. For this group of carriers, freight revenues totalled \$744.7 million in 2003, up 1.4% from 2002.

Passenger revenues

Passenger revenues fell in 2003, from \$287.5 million in 2002 to \$255.8 million in 2003 (see text table 1). By contrast, during the period from 1999 to 2003, passenger revenues rose 13.5%. The discontinuation of passenger services by some regional railways may explain part of the decrease observed between 2002 and 2003.

VIA Rail, the dominant inter-city rail transport carrier, collected \$230.5 million in passenger revenues in 2003, a decrease of 8.8%. VIA's passenger revenues accounted for 90.1% of all rail passenger revenues in Canada. These revenues also accounted for 55.6% of all revenues obtained by VIA Rail. The second most important source of revenue for VIA consisted of government subsidies, which accounted for 43.1% of that company's total revenues. From 1999 to 2003, government subsidies paid to VIA rose 7.9%.

Operating expenses

In 2003, the total expenses of the industry rose 1.5% compared to 2002, reaching \$6.7 billion (see text table 2). Except for ways and structures, all expense categories showed increases in 2003. Only CN (-4.6%) and regional and short line railways (-7.6%) managed to reduce their total operating expenses in 2003. The distribution of

2. Canadian National, 2003 Annual Report, pages 33 and 34.

3. Canadian Pacific, 2003 Annual Report, pages 8 and 9.

expenses among rail carriers remained roughly the same as in 2002. CN and CP accounted for 42.6% and 40.4% respectively of the industry's expenses, while VIA (6.4%) and regional and short line railways (10.6%) accounted for the remainder.

Since 1999, the total operating expenses of the rail industry have changed little, edging down 0.4% during this five-year period.

Rail operating expenses, which include expenses relating to trains, yard stations and terminals, etc., usually account for the largest percentage of operating expenses. In 2003, these expenses amounted to 41.3% of total expenses. This expense category stood at nearly \$2.8 billion in 2003, up 2.0% from 2002.

Text table 2

Distribution of operating expenses by major category, 1999 to 2003

Year	Operating expenses				
	Ways and structures	Equipment	Rail operations	General	Total
	\$'000				
2003	1,217,763	1,431,451	2,764,577	1,281,946	6,695,736
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
1999	1,226,343	1,392,708	2,411,776	1,690,376	6,721,203

Equipment, the second main expense category, accounted for 21.4% of the total expenses of the railway transport industry at \$1.4 billion. This represented an increase of 3.0% compared to the previous year.

General expenses continued the upward trend observed since 2001. In 2003, with \$1.3 billion, they accounted for 19.1% of all expenses and were 1.2% higher than in 2002.

In 2003, ways and structures were down 0.8% from the previous year, and at \$1.2 billion, they represented 18.2% of all expenses generated by the rail industry.

Balance sheet and property accounts

Total assets of railways amounted to \$17.6 billion in 2003 (see text table 3). Total assets were divided as follows between the carriers: CN held \$8.0 billion or 45.6% of the total assets of the rail industry; CP held \$6.4 billion (36.3%); VIA had \$906.4 million (5.1%), and regional and short line railways held \$2.3 billion or 13.0%.

Text table 3

Total assets by carrier, 1999 to 2003

Year	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ carriers	Total mainline companies
\$'000					
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	1,799,305	15,234,590
1999	6,831,036	5,655,931	613,339	1,485,471	14,585,777

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

Between 1999 and 2003, the total assets of the rail industry rose 20.9%. During this period, it was CN, in dollar terms (with an increase of \$1.2 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 2003. The year-end balance for land was up 1.3%, ways and structures rose 3.2% and equipment increased 4.6%. The year-end balance of the property accounts (including land) totalled \$24.2 billion in 2003 (see text table 4).

Text table 4

Property accounts, totals, balance at the end of the year, 1999 to 2003

Year	Land	Total ways and structures	Total equipment
\$'000			
2003	329,993	16,953,051	6,921,666
2002	325,794	16,430,123	6,619,808
2001	298,229	15,951,971	6,520,666
2000	290,659	15,325,785	6,398,135
1999	293,144	14,731,141	6,357,001

For items related to ways and structures, CN accounted for 51.2% and CP for 32.8%. VIA, and regional and short line railways, accounted for 3.2% and 12.8% respectively of these items.

CN accounted for 46.3% of the total value of equipment in the railway transport industry, CP for 38.1%, VIA for 9.8% and regional and short line railways, 5.8%.

Financial ratios

In 2003, the main financial ratios appear to confirm that the financial situation of rail carriers is continuing to improve. Even though the operating ratio was up by a marginal 0.01 percentage point, the decreases in the shareholders' equity and debt-asset ratios appear to show that the debt level of railways is declining (see text table 5). In fact, the results obtained in 2003 were the best in five years for these two financial ratios. For example, the 1999 shareholders' equity ratio showed that creditors had supplied 50% of the companies' total funding, whereas by 2003, funding by creditors had declined to 42%.

Text table 5

Financial ratios, 1999 to 2003

Year	Operating ratio	Debt-asset ratio	Debt-equity ratio
2003	0.81	0.42	0.73
2002	0.80	0.44	0.78
2001	0.81	0.44	0.78
2000	0.79	0.47	0.92
1999	0.87	0.50	1.00

Inventory of equipment in service

The inventory of equipment in service on December 31, 2003 consisted of 2,900 locomotives, 2,255 of which were engaged in freight service, 106 in passenger service and 508 in yard work, while 31 were classified as associated equipment (see text table 6). CN owned 43.7% of the locomotives in service, while CP owned 40.3%. Between the year-ends of 2002 and 2003, the total number of locomotives declined by only 13 units, compared to 104 units between 1999 and 2003.

Text table 6

Inventory of equipment in service, 1999 to 2003

Year	Total locomotives	Total freight cars	Total passenger cars
	Units		
2003	2,900	95,624	532
2002	2,887	96,800	497
2001	2,953	101,515	449
2000	2,953	102,701	439
1999	3,004	103,415	434

The number of freight cars totalled 95,624, of which 37.7% were hopper cars, 24.4% box cars, 22.2% flat cars and 3.2% other equipment. CN owned the largest number of cars in the industry at 51,887, or 54.3% of all cars. CP owned 30,459 cars (31.9% of all cars in the industry), and regional and short-haul carriers held the rest with 13,278 cars (13.8% of the total).

Passenger cars were up slightly in 2003 at 532, compared to 497 cars in 2002. VIA Rail owned 73.9% of all passenger cars on inventory in the industry. The VIA fleet consisted primarily of coaches (50.9% of its fleet), sleeping cars (22.7%) and meal service cars (17.1%).

Length of track operated

The total length of track operated in 2003 was 71,655 kilometres: 60,272 kilometres of track were owned and 11,383 kilometres were operated under lease, contract or trackage rights or jointly owned (see text table 7). The length of owned track decreased 1.5% compared to 2002, and the length of leased track declined 0.3%. Between 1999 and 2003, the total length of track operated declined 1.4%.

Text table 7

Length of track operated, 1999 to 2003

	1999	2000	2001	2002	2003
	kilometres				
Total line owned	61,060	61,422	61,559	61,220	60,272
Total line operated under lease, contract, trackage rights or jointly owned	11,631	11,709	11,761	11,413	11,383
Total track operated	72,691	73,131	73,321	72,633	71,655

Together, CN and CP accounted for 74% of the total length of track operated in 2003. In 1999, these two carriers held 76.4% of the total length of track operated.

Fuel consumption

Rail carriers consumed just over 2 billion litres of diesel fuel in 2003 for which they spent \$777 million (see text table 8). Whereas fuel consumption rose 1.6% compared to 2002, the total cost jumped 6.5% over the same period. However, between 1999 and 2003, fuel consumption rose 4.7% while the cost increased by 41.1%. 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, 1999 to 2003

	1999	2000	2001	2002	2003
Total diesel '000 litres	1,946,563	1,987,610	2,002,327	2,019,167	2,050,764
Total cost of diesel fuel \$'000	550,636	773,456	806,438	730,184	777,404

CN accounted for 46.7% of total diesel fuel consumption, CP for 40.4%, VIA 3.0% and regional and short-haul carriers 9.9%.

Ontario, with nearly 718 million litres of diesel fuel sold, and British Columbia, with 420 million litres, registered the highest consumption of diesel fuel in Canada (see Table 7 in "**Statistical tables**" section). This is a result of to the large amount of track in these two provinces and the amount of rail activity that it serves.

Operating statistics – Freight transportation

In 2003, the tonnage of revenue freight carried by rail companies in Canada rose slightly to nearly 338 million tonnes, up 1.1% from 2002 (see text table 9). Between 1999 and 2003, the peak occurred in 2000 with just over 352 million tonnes of freight carried.

Total tonne-kilometres remained practically unchanged between 2002 and 2003 at 318 billion. However, the average haul declined 1.1%, from 953 kilometres in 2002 to 943 kilometres in 2003. Also, from 1999 to 2003, total tonnage of revenue freight rose a modest 0.9%, while tonne-kilometres increased 6.2%. The average haul on each railway, rose 5.2%, from 896 kilometres in 1999 to the above mentioned figure of 943 kilometres in 2003.

Text table 9

Operating statistics for freight transportation, 1999 to 2003

Year	Tonnes	Tonne-km	Train-km	Car-km	Cars per train
	'000				average number
2003	337,664	318,345,154	117,651	8,647,446	73.5
2002	333,974	318,314,680	117,316	8,357,483	71.2
2001	345,795	321,291,130	115,544	8,439,875	73.0
2000	352,203	321,894,342	116,858	8,420,580	72.1
1999	334,725	299,807,328	114,552	7,797,411	68.1

Total train-kilometres grew a modest 0.3% in 2003 compared to the previous year, while car-kilometres rose 3.5%. The stability of train-kilometres and the rise in car-kilometres seem to indicate an increase in the average number of cars per train. Indeed, as text table 9 shows, the average train length went from 71 cars to approximately 74 cars, an increase of 3.2% compared to 2002. From 1999 to 2003, train-kilometres rose 2.7%, car-kilometres increased 10.9% and the average number of cars per train rose 8.0%. The use of more powerful locomotives and stacked containers for intermodal transport may explain the results.

Operating statistics – Passenger transportation

The total number of passengers declined 6.9% in 2003, from 4,251 million in 2002 to 3,958 million in 2003 (see text table 10). However, this was the first decrease in five years. In its annual report, VIA Rail noted: "One catastrophe after another, from forest fires and a hurricane to virus scares and power blackouts, disrupted train operations and our customers' travel plans. At times, the string of catastrophes—along with security concerns related to terrorism and the war in Iraq—threatened to bring the entire travel and tourism industry to a standstill." ⁴

Also, some regional and short line railways discontinued their passenger service in 2003, further contributing to the decrease during that year.

Text table 10

Operating statistics for passenger transportation, 1999 to 2003

Year	Passengers	Passenger-km	Train-km	Car-km	Cars per train ¹
	'000				average number
2003	3,958	1,433,643	11,781	82,397	6.9
2002	4,251	1,596,947	12,032	81,630	6.7
2001	4,179	1,553,059	11,853	78,373	6.6
2000	4,160	1,532,715	11,714	76,300	6.5
1999	3,928	1,510,216	11,403	73,453	6.5

1. Includes freight cars.

A reduction in the distance travelled by passengers is evident from the decrease in passenger-kilometres, which went from 1.6 billion in 2002 to 1.4 billion in 2003. The average passenger journey per ticket went from 376 kilometres in 2002 to 362 kilometres in 2003, a decrease of 3.6%. For the period 1999-2003, passenger-kilometres declined 5.1%. The average passenger journey per ticket in 1999 was 384 kilometres.

4. VIA Rail, 2003 Annual Report, page 12.

In 2003, train-kilometres declined 2.1% to 11,781, while car-kilometres continued the upward trend of the past five years, posting a 1% increase compared to 2002. Since 1999, train-kilometres and car-kilometres have risen by 3.3% and 10.6% respectively.

Employment and compensation

The average number of employees of rail companies stood at 36,276 in 2003, down 2.6% from the average of 37,246 employees in 2002 (see text table 11). This decrease is mainly a result of reorganization and staff reductions at CN and regional and short line railways, since both CP and VIA actually increased their workforce by 0.6% and 0.4% respectively compared to 2002. In 2003, CN still had the largest number of employees, with 42.8% of all employees in the railway transport industry. However, this share was down from the 43.1% that CN had in 2002. CP and VIA both saw their share of the industry work force increase, and in 2003 they accounted for 34.6% and 8.7% respectively of total employment. Regional and short line railways saw their share of employment drop from 14.1% in 2002 to 12.9% in 2003. For the period from 1999 to 2003, the total number of employees in the railway transport industry declined 16.2%. In 1999, the total number of employees in the industry was more than 43,000. These staff reductions are the result of rationalization of operations and company restructurings made by rail carriers to reduce their operating expenses.

In 2003, employees received compensation totalling \$2.37 billion, up 0.5% from the \$2.36 billion paid them in 2002.

Text table 11

Statistics on employment and compensation, 1999 to 2003

Year	Number of employees	Compensation		Average annual compensation	Average hourly compensation
		\$'000	\$		
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	
1999	43,268	2,501,787	57,821	24.6	

Transportation service employees, the largest group, accounted for 42.6% of employment and 46.0% of total compensation (see Table 11 in “**Statistical tables**” section). They were followed by road maintenance employees, who accounted for 22.6% of the workforce and 20.4% of total compensation. Employees in the “general” category formed the third largest group, representing 17.6% of total employment and 18.6% of total compensation. The fourth and final group consisted of equipment maintenance employees, who accounted for 17.2% of total employment and 15.0% of total compensation paid.

Average annual compensation rose 3.3% from \$63,247 in 2002 to \$65,316 in 2003. The transportation services group had the highest average annual salary in 2003, namely \$70,444. However, total average hourly compensation declined, going from \$26.5 in 2002 to \$26.1 in 2003.

In 2003, the average annual compensation at CN and CP was respectively \$71,016 and \$63,508. It was a little lower at VIA, where the average annual wage was \$54,381, and a little higher at regional and short line railways, at \$58,712.

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 “Survey methodology, universe 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 “true” origin or destination of commodities. Some commodities may enter or leave Canada by marine, surface or air transport and may 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, 2002 and 2003

Commodity	2002	2003	2003/2002 change
	tonnes		%
26 Coal	31,554,236	28,569,762	-9.5
63 Mixed loads or unidentified freight	19,098,197	21,143,727	10.7
20 Iron ores and concentrates	17,349,199	19,545,389	12.7
01 Wheat	16,404,427	16,017,121	-2.4
35 Potash	13,124,539	14,757,549	12.4
41 Lumber	11,388,015	11,471,338	0.7
34 Other basic chemicals	10,578,480	10,046,761	-5.0
43 Wood pulp	8,870,206	8,673,868	-2.2
17 Sulphur	6,216,651	6,830,801	9.9
42 Other wood products (plywood, veneer)	6,056,414	6,137,779	1.3
Total of the top ten commodities	140,640,364	143,194,095	1.8
Other commodities	103,430,446	106,594,794	3.1
Total tonnage of all rail commodities	244,070,810	249,788,889	2.3

In 2003, the total tonnage of commodities to or from Canada totalled 249.8 million tonnes (see text table 12). This was an increase of 2.3% compared to the total of 244.1 million tonnes transported in 2002. The ten main commodities accounted for 57.3% of all commodities transported in Canada in 2003.

Coal remained the commodity most transported in Canada in terms of tonnage despite a difficult year. Coal tonnage decimal 9.5% decline from the previous year. As noted in the CN 2003 annual report, the decrease recorded for this commodity is partly a result of reduced coal production in Western Canada and the closure of a metallurgical coal mine. Coal, at 28.6 million tonnes, was ahead of the next commodity, mixed carload freight and unidentified freight, by slightly more than 7 million tonnes, showing the importance of this raw material in Canada.

The second and third most transported commodities, mixed carload freight or unidentified freight and iron ore and concentrates, both showed increases in 2003 compared to 2002, measuring 10.7% and 12.7% respectively.

Text table 13

Tonnage and market share of top 3 commodities by principal destination, by origin, 2002 and 2003

	2002	2003	2003/2002 change	Market share, main destination	Market share, all destination
	tonnes		%		
Atlantic 1 - Quebec					
20 Iron ores and concentrates	17,335,016	19,341,658	11.6	94.3	63.5
63 Mixed loads or unidentified freight	407,958	513,352	25.8	2.5	1.7
24 Zinc ores and concentrates	66,782	155,267	132.5	0.8	0.5
Total top three commodities	17,809,756	20,010,277	12.4	97.6	65.7
Total Atlantic - Quebec	18,456,301	20,506,237	11.1	100.0	67.3
Total Atlantic - All destinations	28,113,251	30,471,395	8.4	...	100.0
Quebec - U.S. and Mexico					
63 Mixed loads or unidentified freight	1,712,544	1,714,088	0.1	13.8	5.7
41 Lumber	1,667,416	1,706,757	2.4	13.7	5.7
44 Newsprint	1,534,716	1,566,743	2.1	12.6	5.2
Total top three commodities	4,914,676	4,987,588	1.5	40.1	16.7
Total Quebec - U.S. and Mexico	11,786,117	12,445,021	5.6	100.0	41.6
Total Quebec - All destinations	28,347,432	29,881,706	5.4	...	100.0
Ontario - U.S. and Mexico					
55 Freight motor vehicles	1,368,197	1,403,364	2.6	8.7	3.7
43 Wood pulp	1,347,075	1,245,432	-7.5	7.8	3.2
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	1,095,889	1,172,158	7.0	7.3	3.0
Total top three commodities	3,811,161	3,820,954	0.3	23.8	9.9
Total Ontario - U.S. and Mexico	15,756,610	16,060,721	1.9	100.0	41.8
Total Ontario - All destinations	37,911,211	38,438,977	1.4	...	100.0
Manitoba - Ontario					
01 Wheat	1,623,076	1,865,272	14.9	50.9	18.5
05 Colza seeds (canola)	373,598	382,410	2.4	10.4	3.8
28 Fuel oils and crude petroleum	242,501	218,507	-9.9	6.0	2.2
Total top three commodities	2,239,175	2,466,189	10.1	67.3	24.4
Total Manitoba - Ontario	3,351,115	3,664,056	9.3	100.0	36.3
Total Manitoba - All destinations	9,846,594	10,105,259	2.6	...	100.0
Saskatchewan - U.S. and Mexico					
35 Potash	7,336,659	7,580,864	3.3	71.3	23.8
42 Other wood products (plywood, veneer)	412,857	458,641	11.1	4.3	1.4
31 Other refined petroleum and coal products	401,204	382,508	-4.7	3.6	1.2
Total top three commodities	8,150,720	8,422,013	3.3	79.2	26.5
Total Saskatchewan - U.S. and Mexico	11,029,224	10,635,863	-3.6	100.0	33.4
Total Saskatchewan - All destinations	30,239,062	31,803,418	5.2	...	100.0
Alberta ² - British Columbia					
17 Sulphur	4,241,195	4,517,520	6.5	23.2	10.6
26 Coal	4,146,785	2,877,773	-30.6	14.8	6.8
01 Wheat	2,854,323	2,588,983	-9.3	13.3	6.1
Total top three commodities	11,242,303	9,984,276	-11.2	51.3	23.5
Total Alberta - British Columbia	20,133,238	19,478,043	-3.3	100.0	45.8
Total Alberta - All destinations	43,053,183	42,528,901	-1.2	...	100.0
British Columbia - British Columbia					
26 Coal	21,452,760	19,858,927	-7.4	84.2	49.3
43 Wood pulp	1,195,840	1,179,909	-1.3	5.0	2.9
40 Wood chips	1,375,925	1,123,969	-18.3	4.8	2.8
Total top three commodities	24,024,525	22,162,805	-7.7	94.0	55.1

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, 2002 and 2003

	2002	2003	2003/2002 change	Market share, main destination	Market share, all destination
Total British Columbia - British Columbia	25,698,756	23,574,225	-8.3	100.0	58.6
Total British Columbia - All destinations	41,805,874	40,254,766	-3.7	...	100.0
U.S. and Mexico - Ontario					
34 Other basic chemicals	1,472,764	1,304,034	-11.5	18.5	5.0
38 Plastic and rubber	633,052	769,126	21.5	10.9	2.9
57 Parts and accessories for motor vehicles	695,367	686,257	-1.3	9.7	2.6
Total top three commodities	2,801,183	2,759,417	-1.5	39.2	10.5
Total U.S. and Mexico - Ontario	6,817,699	7,046,349	3.4	100.0	26.8
Total U.S. and Mexico - All destinations	24,754,203	26,304,469	6.3	...	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 2003 and 2002, 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 to be transported from the Atlantic region to ports in Quebec. This commodity, with 19.3 million tonnes, accounted for 94.3% of all commodities transported between these two regions and for 63.5% of all commodities transported from the Atlantic region to all other destinations. Total commodities from the Atlantic region to all destinations stood at 30.5 million tonnes in 2003, up 8.4% from the previous year.

Quebec – United States and Mexico

Traffic from the province of Quebec to the United States and Mexico accounted for 41.6% of all traffic originating from Quebec. In 2003, the three main commodities to be transported from Quebec to the United States and Mexico were mixed carload freight and unidentified freight (1.7 million tonnes), lumber (1.7 million tonnes) and newsprint (1.6 million tonnes). They were all up from 2002, by 0.1%, 2.4% and 2.1% respectively.

Ontario – United States and Mexico

In 2003, traffic from Ontario to the United States and Mexico stood at 1.6 million tonnes, up 1.9% from 2002. The market consisting of the United States and Mexico accounted for 41.8% of all of Ontario's markets. The main commodity transported from Ontario to the United States and Mexico remained freight motor vehicles, which rose 2.6% to 1.4 million tonnes.

Manitoba – Ontario

In 2003, the main commodity transported from Manitoba to Ontario remained wheat, with 1.9 million tonnes, up 14.9% from the previous year. Wheat was by far the main commodity in this market, since it accounted for 50.9% of the total tonnage of all commodities originating in Manitoba and destined for Ontario.

Saskatchewan – United States and Mexico

In 2003, the United States and Mexico remained the main destination of commodities originating in Saskatchewan, accounting for 33.4% of the traffic for all destinations having that province as its origin. At 7.6 million tonnes, potash remained the main commodity in this market. Potash was just over 7.1 million tonnes ahead of the next commodity, other wood products, which weighed in at 459 tonnes in 2003.

Alberta – British Columbia

In 2003, of the three main commodities to be transported from Alberta to British Columbia, only sulphur showed an increase. This commodity went from 4.2 million tonnes in 2002 to 4.5 million tonnes in 2003, a gain of 6.5%. Coal was down sharply, from 4.1 million tonnes in 2002 to 2.9 million tonnes in 2003.

British Columbia – British Columbia

Coal remained by far the leading commodity with British Columbia as both its origin and its destination, at 19.9 million tonnes. Even though this commodity registered a 7.4% decrease for this market in 2003 compared to 2002, it accounted for 84.2% of all commodities with this origin and destination and 49.3% of all commodities leaving British Columbia. Wood pulp and wood chips were far behind with tonnages of 1.2 million tonnes and 1.1 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 2003. They went from 633.1 thousand tonnes in 2002 to 769.1 thousand tonnes in 2003, an increase of 21.5%. Other basic chemicals and motor vehicle parts and accessories were both down from the previous year, by 11.5% and 1.3% respectively. Ontario accounted for 26.8% of all traffic originating from the United States or Mexico in 2003.

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

- *Canadian Statistics - Railway carriers, operating statistics*
- *Canadian Statistics - Rail transportation, length of track operated for freight and passenger transportation, by provinces and territories*
- *Canadian Statistics - 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	3,746,731	2,845,450	0	6,592,181
Passenger revenues	11,461	6,537	230,494	248,492
Miscellaneous rail revenues	123,732	119,880	5,604	249,215
Revenues from services for VIA Rail	51,763	1,920	0	53,683
Government payments	68,282	36,481	178,789	283,552
Total rail operating revenues	4,001,969	3,010,268	414,886	7,427,123
Expenses				
Way and structures				
Administration, ways and structures expenses	31,333	81,692	0	113,025
Track and roadway, maintenance	228,953	175,855	10,689	415,497
Track and roadway, depreciation	134,997	57,413	3,450	195,860
Building, maintenance	15,629	7,120	8,510	31,258
Building, depreciation	82,065	70,051	11,771	163,888
Leasehold improvements, amortization	133	214	6,556	6,904
Signals, communications and power, maintenance	30,478	9,850	0	40,329
Signals, communications and power, depreciation	21,884	19,336	0	41,220
Terminals and fuel stations, maintenance	1,914	3,562	0	5,476
Terminals and fuel stations, depreciation	6,630	5,416	0	12,046
Miscellaneous ways and structures expenses	57,470	23,460	230	81,160
Special depreciation, ways and structures expenses	-18,951	-7,391	-21,684	-48,026
Total ways and structures expenses	592,535	446,579	19,522	1,058,636
Equipment				
Administration, equipment expenses	37,326	29,734	9,097	76,158
Locomotives, maintenance and servicing	110,797	164,747	2,336	277,879
Locomotives, depreciation	57,418	39,793	7,865	105,076
Freight cars, maintenance	130,013	104,455	0	234,469
Freight cars, depreciation	41,517	9,042	0	50,559
Passenger cars, maintenance and servicing	3,042	3,978	52,625	59,645
Passenger cars, depreciation	51	103	22,477	22,631
Intermodal equipment, maintenance	42,546	37,647	0	80,193
Intermodal equipment, depreciation	9,440	5,893	0	15,333
Work equipment and roadway machines, maintenance	30,853	22,396	0	53,248
Work equipment and roadway machines, depreciation	11,045	12,605	0	23,651
Other equipment, maintenance	0	0	0	0
Other equipment, depreciation	65	8,851	165	9,082
Net equipment rents expense	112,959	180,544	445	293,948
Miscellaneous equipment expenses	6,115	9,464	446	16,024
Special depreciation, equipment expenses	-1,174	-10,056	-30,826	-42,056
Total equipment expenses	592,014	619,195	64,630	1,275,839
Rail operations				
Administration, rail operation expenses	85,289	128,076	21,320	234,684
Train related expenses	584,129	527,052	115,686	1,226,867
Yard related expenses	140,394	250,965	1,446	392,805
Train control expenses	15,932	13,179	0	29,110
Station and terminal operation	79,756	52,910	17,340	150,006
Other rail operations	15,312	34,498	4,120	53,930
Other transport modes	185,037	120,877	1,116	307,030
Equipment cleaning and specialized servicing	5,544	2,078	1,487	9,109
Casualties and claims	33,703	26,730	0	60,433

Table 1-1 – continued

Rail transportation — Operating and income accounts — Mainline carriers

	Canadian National	Canadian Pacific	VIA Rail	Total mainline companies
Miscellaneous rail operation expenses	39,353	7,435	3,674	50,462
Total rail operations expenses	1,184,449	1,163,800	166,188	2,514,437
General				
Administration, general expenses	212,588	197,005	91,659	501,252
Employee benefits	187,377	208,714	27,945	424,036
Taxes, other than on income	64,203	49,727	12,624	126,554
Other general expenses	20,541	18,311	44,932	83,783
Total general expenses	484,708	473,757	177,160	1,135,625
Total rail operating expenses	2,853,706	2,703,332	427,500	5,984,538
Net rail operating income	1,148,263	306,936	-12,614	1,442,585
Other income and charges	541,756	48,680	17,441	607,877
Net non-rail revenue	0	0	0	0
Income before income taxes and extraordinary items	1,690,019	355,617	4,827	2,050,463
Income taxes	413,205	61,212	5,686	480,103
Net income before extraordinary items	1,276,814	294,404	-859	1,570,359
Extraordinary items	0	0	0	0
Net income for the year	1,276,814	294,404	-859	1,570,359

Table 1-2

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

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ Railways	Total
	\$'000				
Revenues					
Freight revenues	3,746,731	2,845,450	0	744,664	7,336,845
Passenger revenues	11,461	6,537	230,494	7,330	255,822
All other operating revenues	243,777	158,281	184,393	108,150	694,601
Total rail operating revenues	4,001,969	3,010,268	414,886	860,145	8,287,268
Expenses					
Ways and structures expenses	592,535	446,578	19,522	159,126	1,217,761
Equipment expenses	592,013	619,196	64,630	155,612	1,431,451
Rail operating expenses	1,184,449	1,163,800	166,189	250,140	2,764,578
General expenses	484,709	473,757	177,160	146,321	1,281,947
Total rail operating expenses	2,853,706	2,703,332	427,500	711,199	6,695,737
Net rail operating income	1,148,263	306,936	-12,614	148,946	1,591,531
Income before income taxes and extraordinary items	1,690,019	355,617	4,827	141,562	2,192,025
Net income for the year	1,276,814	294,404	-859	113,159	1,683,518

1. Includes 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	2,552	2,552
Temporary investments	0	0	0	0
Accounts receivable, trade	303,411	177,007	5,100	485,518
Other accounts receivable	131,258	94,365	2,887	228,510
Total accounts receivable	434,669	271,372	7,987	714,028
Allowance for doubtful accounts (credit)	42,943	6,472	385	49,800
Material and supplies	70,553	90,229	16,012	176,794
Prepaid expenses	22,832	6,399	1,009	30,240
Other current assets	195,741	78,899	0	274,640
Total current assets	680,852	440,427	27,175	1,148,454
Non-current assets				
Segregated assets	0	0	0	0
Long-term accounts receivable	31,629	21,147	3,000	55,776
Long-term investments	0	1	104,679	104,680
Long-term intercorporate investments	11,057	61,340	0	72,397
Construction in progress	39,581	84,094	92,957	216,632
Property	12,060,417	8,275,876	1,226,927	21,563,220
Accumulated depreciation, property (credit)	5,196,333	3,291,070	671,515	9,158,918
Deferred charges	410,011	795,696	119,800	1,325,507
Intangible assets	0	0	0	0
Retired property	0	6,905	3,405	10,310
Total non-current assets	7,356,362	5,953,989	879,253	14,189,604
Total assets	8,037,214	6,394,416	906,428	15,338,058
Current liabilities				
Bank loans	0	0	0	0
Loans from Government of Canada	0	0	0	0
Accounts payable	282,012	188,778	2,774	473,564
Accrued liabilities	438,859	416,333	58,533	913,725
Notes and other loans payable	0	0	0	0
Income and other taxes payable	234,995	8,855	12,716	256,566
Dividends payable	0	0	0	0
Deferred revenues	6,407	38,161	7,069	51,637
Long-term debt maturing within 12 months	0	0	0	0
Lease obligations due within 1 year	0	506	0	506
Other current liabilities	42,700	2,565	757	46,022
Total current liabilities	1,004,973	655,198	81,849	1,742,020
Non-current liabilities				
Deferred liabilities	487,789	419,599	17,993	925,381
Deferred income taxes (non-current)	787,426	712,949	25,321	1,525,696
Long-term debt	0	0	0	0
Lease obligations	0	308,584	0	308,584
Other deferred credits, long-term	8,295	43,929	675,028	727,252
Minority shareholders' interest in subsidiary companies	4,338	0	0	4,338
Donations and grants	369,914	282,266	0	652,180
Investment tax credits	58,838	55,312	3,333	117,483
Total non-current liabilities	1,716,600	1,822,639	721,675	4,260,914
Shareholders' equity				
Share capital	2,528,831	0	9,300	2,538,131
Contributed surplus	299,419	0	4,963	304,382
Retained earnings	1,512,342	0	88,641	1,600,983
Net investment in rail assets	975,049	3,916,579	0	4,891,628
Total shareholders' equity	5,315,641	3,916,579	102,904	9,335,124
Total liabilities and shareholders' equity	8,037,214	6,394,416	906,428	15,338,058

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 Railways	Total
	\$'000				
Total current assets	680,852	440,427	27,175	284,011	1,432,465
Total non-current assets	7,356,362	5,953,989	879,253	2,012,370	16,201,974
Total assets	8,037,214	6,394,416	906,428	2,296,381	17,634,439
Total current liabilities	1,004,973	655,198	81,849	289,296	2,031,316
Total non-current liabilities	1,716,600	1,822,639	721,675	1,144,246	5,405,160
Total shareholders' equity	5,315,641	3,916,579	102,904	862,839	10,197,963
Total liabilities and shareholders' equity	8,037,214	6,394,416	906,428	2,296,381	17,634,439

1. Includes 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	142,131	105,405	4,963	252,500
Balance at end of year	149,618	104,347	4,963	258,928
Ways and Structures:				
Track and roadway				
Balance at beginning of year	5,545,897	3,807,855	131,488	9,485,239
Balance at end of year	5,870,984	3,867,303	135,847	9,874,135
Accumulated depreciation	1,779,418	1,298,559	48,025	3,126,002
Net book value	4,091,566	2,568,745	87,822	6,748,133
Buildings and related machinery and equipment				
Balance at beginning of year	1,356,878	972,981	267,060	2,596,919
Balance at end of year	1,484,030	901,273	252,221	2,637,524
Accumulated depreciation	669,041	258,957	164,801	1,092,799
Net book value	814,989	642,316	87,421	1,544,726
Leasehold improvements				
Balance at beginning of year	7,294	8,562	155,777	171,633
Balance at end of year	7,294	1,687	158,621	167,601
Accumulated depreciation	4,889	1,864	114,265	121,017
Net book value	2,405	-177	44,356	46,584
Signals, communications and power				
Balance at beginning of year	1,014,887	499,765	0	1,514,652
Balance at end of year	1,040,311	507,642	0	1,547,953
Accumulated depreciation	554,068	246,481	0	800,548
Net book value	486,243	261,161	0	747,405
Terminals and fuel stations				
Balance at beginning of year	270,549	273,436	0	543,985
Balance at end of year	283,159	280,288	0	563,447
Accumulated depreciation	40,854	54,985	0	95,839
Net book value	242,305	225,303	0	467,608
Total, Ways and Structures				
Balance at beginning of year	8,195,504	5,562,600	554,325	14,312,430
Balance at end of year	8,685,778	5,558,193	546,689	14,790,660
Accumulated depreciation	3,048,269	1,860,845	327,091	5,236,205
Net book value	5,637,508	3,697,348	219,599	9,554,455
Equipment:				
Rolling stock - revenue service				
Balance at beginning of year	2,481,561	1,966,073	614,256	5,061,890
Balance at end of year	2,541,005	2,097,906	673,650	5,312,561
Accumulated depreciation	1,123,068	930,686	343,444	2,397,198
Net book value	1,417,937	1,167,220	330,206	2,915,363
Intermodal equipment				
Balance at beginning of year	226,893	118,649	0	345,541
Balance at end of year	225,178	131,867	0	357,045
Accumulated depreciation	37,768	53,959	0	91,726
Net book value	187,410	77,908	0	265,318
Work equipment and roadway machines				
Balance at beginning of year	389,375	292,624	0	681,999
Balance at end of year	403,651	295,805	0	699,456
Accumulated depreciation	281,074	151,824	0	432,898
Net book value	122,577	143,981	0	266,558
Other equipment				
Balance at beginning of year	36,542	112,270	1,681	150,493
Balance at end of year	37,857	110,426	1,623	149,907
Accumulated depreciation	30,153	59,750	980	90,883
Net book value	7,704	50,676	643	59,023
Total, equipment				

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
Balance at beginning of year	3,134,371	2,489,615	615,937	6,239,923
Balance at end of year	3,207,690	2,636,004	675,274	6,518,968
Accumulated depreciation	1,472,062	1,196,219	344,424	3,012,706
Net book value	1,735,628	1,439,785	330,850	3,506,263
Total				
Balance at beginning of year	11,329,875	8,052,215	1,170,262	20,552,353
Balance at end of year	11,893,468	8,194,197	1,221,963	21,309,628
Accumulated depreciation	4,520,332	3,057,064	671,515	8,248,911
Net book value	7,373,136	5,137,133	550,448	13,060,718
Miscellaneous Property Accounts				
Balance at beginning of year	17,975	8,277	0	26,251
Balance at end of year	17,332	8,823	0	26,155

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 Railways	Total
\$'000					
Land					
Balance at beginning of year	142,131	105,405	4,963	71,245	323,744
Balance at end of year	149,618	104,347	4,963	71,065	329,993
Ways and Structures:					
Track and roadway					
Balance at beginning of year	5,545,897	3,807,855	131,488	1,835,345	11,320,585
Balance at end of year	5,870,984	3,867,303	135,847	1,875,579	11,749,713
Buildings and related machinery and equipment					
Balance at beginning of year	1,356,878	972,981	267,060	177,176	2,774,095
Balance at end of year	1,484,030	901,273	252,221	183,502	2,821,026
Leasehold improvements					
Balance at beginning of year	7,294	8,562	155,777	4,160	175,793
Balance at end of year	7,294	1,687	158,621	5,186	172,788
Signals, communications and power					
Balance at beginning of year	1,014,887	499,765	0	82,247	1,596,899
Balance at end of year	1,040,311	507,642	0	89,982	1,637,935
Terminals and fuel stations					
Balance at beginning of year	270,549	273,436	0	7,716	551,701
Balance at end of year	283,159	280,288	0	8,141	571,588
Total, Ways and Structures					
Balance at beginning of year	8,195,504	5,562,600	554,325	2,106,644	16,419,073
Balance at end of year	8,685,778	5,558,193	546,689	2,162,391	16,953,051
Equipment:					
Rolling stock - revenue service					
Balance at beginning of year	2,481,561	1,966,073	614,256	235,009	5,296,899
Balance at end of year	2,541,005	2,097,906	673,650	249,641	5,562,202
Intermodal equipment					
Balance at beginning of year	226,893	118,649	0	26,103	371,645
Balance at end of year	225,178	131,867	0	26,185	383,230
Work equipment and roadway machines					
Balance at beginning of year	389,375	292,624	0	91,125	773,124
Balance at end of year	403,651	295,805	0	95,563	795,019
Other equipment					
Balance at beginning of year	36,542	112,270	1,681	27,054	177,547
Balance at end of year	37,857	110,426	1,623	31,310	181,216
Total, equipment					
Balance at beginning of year	3,134,371	2,489,615	615,937	379,291	6,619,214
Balance at end of year	3,207,690	2,636,004	675,274	402,698	6,921,666
Total					
Balance at beginning of year	11,329,875	8,052,215	1,170,262	2,485,935	23,038,287
Balance at end of year	11,893,468	8,194,197	1,221,963	2,565,089	23,874,717
Miscellaneous Property Accounts					
Balance at beginning of year	17,975	8,277	0	694	26,946
Balance at end of year	17,332	8,823	0	615	26,770

1. Includes short-haul carriers.

Table 4

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

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ railways	Total
	kilometres				
Lined owned					
First main track	18,420	11,866	208	11,458	41,952
Second and other main track	1,966	763	0	155	2,883
Industrial, yard and sidings	8,149	4,777	0	2,512	15,437
Total line owned	28,535	17,405	208	14,125	60,272
Line operated under lease, contract, trackage rights or jointly owned					
First main track	333	2,807	8	2,893	6,042
Second and other main track	59	452	0	398	909
Industrial, yard and sidings	1,894	1,558	0	980	4,432
Total line operated under lease, contract, trackage rights or jointly owned	2,287	4,817	8	4,271	11,383
Total track operated	30,822	22,222	216	18,396	71,655

1. Includes 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 railways	Total
kilometres					
First Main Track					
Newfoundland and Labrador	0	0	0	455	455
Nova Scotia	269	0	0	370	639
New Brunswick	645	0	0	512	1,156
Quebec	2,944	352	8	2,502	5,806
Ontario	4,749	3,792	208	3,169	11,918
Manitoba	1,402	1,970	0	1,856	5,227
Saskatchewan	3,953	4,147	0	505	8,606
Alberta	2,623	2,665	0	1,847	7,136
British Columbia	2,091	1,746	0	3,016	6,853
Northwest Territories	0	0	0	119	119
United States	78	0	0	0	78
Total	18,754	14,672	216	14,352	47,994
Total Track Operated					
Newfoundland and Labrador	0	0	0	528	528
Nova Scotia	584	0	0	463	1,048
New Brunswick	1,094	0	0	707	1,800
Quebec	4,848	932	8	3,189	8,977
Ontario	9,137	6,415	208	4,629	20,389
Manitoba	2,392	2,802	0	1,991	7,184
Saskatchewan	5,267	5,314	0	661	11,242
Alberta	4,112	3,835	0	2,015	9,962
British Columbia	3,279	2,924	0	4,085	10,288
Northwest Territories	0	0	0	129	129
United States	109	0	0	0	109
Total	30,822	22,222	216	18,396	71,655

1. Includes short-haul carriers.

Table 6

Rail transportation — Diesel fuel consumed, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ railways	Total
'000 litres					
Diesel					
Freight	916,229	807,845	0	182,476	1,906,549
Passenger	2,391	0	60,873	4,094	67,358
Yard switching	37,101	17,786	297	14,932	70,117
Work train	1,870	2,396	0	2,475	6,741
Total diesel	957,590	828,027	61,170	203,977	2,050,764
Total cost of diesel fuel \$	349,175,255	319,635,513	23,715,977	84,877,470	777,404,215

1. Includes short-haul carriers.

Table 7

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

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ railways	Total
	'000 litres				
Diesel					
Newfoundland and Labrador	0	0	0	13,889	13,889
Nova Scotia	10,090	0	1,495	4,411	15,996
New Brunswick	29,339	0	2,326	8,783	40,448
Quebec	95,344	12,198	13,117	57,388	178,048
Ontario	392,226	270,876	30,766	24,105	717,973
Manitoba	87,301	60,221	3,907	6,686	158,116
Saskatchewan	103,205	105,432	2,808	2,018	213,463
Alberta	110,184	152,955	2,489	18,459	284,086
British Columbia	122,535	226,344	4,261	67,029	420,169
Northwest Territories	0	0	0	1,209	1,209
United States	7,367	0	0	0	7,367
Total areas	957,590	828,027	61,170	203,977	2,050,764

1. Includes 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	58,750,533	49,050,906	0	107,801,439
Passenger				
Locomotive drawn for passenger services	218,613	0	10,602,777	10,821,390
Rail diesel car for passenger services	0	0	308,505	308,505
In work train service	306,711	265,811	0	572,522
Total train-kilometres	59,275,857	49,316,717	10,911,282	119,503,855
Locomotive unit-kilometres				
Hauling freight trains	126,061,673	109,835,800	0	235,897,473
Hauling passenger trains	271,451	0	14,471,432	14,742,883
Switching freight trains	14,309,971	14,660,892	0	28,970,863
Helping, doubling and running light	0	0	0	0
In work train service	329,528	390,086	0	719,614
Total locomotive unit-kilometres	140,972,623	124,886,778	14,471,432	280,330,833
Freight car-kilometres				
Loaded	3,384,749,665	1,865,219,258	0	5,249,968,923
Empty	1,612,672,000	1,207,769,704	0	2,820,441,704
Cabooses	308,398	321,191	0	629,589
In work train service	1,346,743	336,623	0	1,683,367
Total freight car-kilometres	4,999,076,806	3,073,646,776	0	8,072,723,583
Passenger car-kilometres				
Head-end cars	331,551	0	5,759,646	6,091,196
Meal service and lounge cars	105,676	0	16,474,447	16,580,123
Sleeping cars	0	0	20,589,065	20,589,065
Coaches	331,551	315,898	35,001,912	35,649,361
Rail diesel cars	0	0	521,790	521,790
Commuter cars	0	0	0	0
In work train service	0	34,417	0	34,417
Total passenger car-kilometres	768,777	350,316	78,346,860	79,465,953
Gross tonne-kilometres				
Freight train cars, contents and cabooses ('000)	312,756,454	245,054,972	0	557,811,426
Passenger train cars (cars only) ('000)	41,234	23,459	4,154,639	4,219,332
Train hours				
Freight	1,220,046	1,466,103	0	2,686,149
Passenger	0	0	0	0
Total train hours	1,220,046	1,466,103	0	2,686,149

Table 8-2

Rail transportation — Operating statistics — Summary, all carriers

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ Railways	Total
metric units					
Train-kilometres					
Freight	58,750,533	49,050,906	0	9,849,484	117,650,923
Passenger					
Locomotive drawn for passenger services	218,613	0	10,602,777	650,893	11,472,283
Rail diesel car for passenger services	0	0	308,505	0	308,505
Total train-kilometres²	59,275,857	49,316,717	10,911,282	10,500,377	130,004,233
Locomotive unit-kilometres					
Hauling freight trains	126,061,673	109,835,800	0	9,911,516	245,808,989
Hauling passenger trains	271,451	0	14,471,432	460,077	15,202,960
Switching freight trains	14,309,971	14,660,892	0	962,655	29,933,518
Helping, doubling and running light	0	0	0	0	0
Total locomotive unit-kilometres²	140,972,623	124,886,778	14,471,432	11,334,248	291,665,081
Freight car-kilometres					
Loaded	3,384,749,665	1,865,219,258	0	315,800,605	5,565,769,528
Empty	1,612,672,000	1,207,769,704	0	254,821,713	3,075,263,417
Caboose	308,398	321,191	0	4,100,179	4,729,768
Total freight car-kilometres²	4,999,076,806	3,073,646,776	0	574,722,497	8,647,446,079
Total passenger car-kilometres	768,777	350,316	78,346,860	2,292,352	81,758,305
Gross tonne-kilometres					
Freight train cars, contents and cabooses ('000)	312,756,454	245,054,972	0	48,160,714	605,972,140
Passenger train cars (cars only) ('000)	41,234	23,459	4,154,639	136,621	4,355,953
Train hours					
Freight	1,220,046	1,466,103	0	249,123	2,935,272
Passenger	0	0	0	13,363	13,363
Total train hours	1,220,046	1,466,103	0	262,486	2,948,635

1. Includes short-haul carriers.

2. 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 railways	Total
	metric units				
Revenue freight					
Revenue freight, tonnes ('000)	125,573	104,357	0	107,734	337,664
Revenue freight, tonne-kilometres ('000)	164,246,886	129,623,809	0	24,474,460	318,345,154
Revenue freight, average haul on each railway (km)	1,308	1,242	0	227	943
Revenue and non-revenue freight					
Revenue and non-revenue freight, tonnes ('000)	129,759	106,967	0	110,599	347,324
Revenue and non-revenue freight, tonne-kilometres ('000)	165,560,861	131,201,510	0	25,336,327	322,098,698
Revenue and non-revenue freight, average haul on each railway (km)	1,276	1,227	0	229	927
Revenue passengers					
Revenue passengers, passengers ('000)	73	0	3,789	96	3,958
Revenue passengers, passenger-kilometres ('000)	28,009	0	1,379,208	26,427	1,433,643
Revenue passengers, average passenger journey per ticket (km)	381	0	364	276	362
Transportation services, averages					
Transportation services, averages, cars per freight train (No.)	85.1	62.7	0.0	58.4	73.5
Transportation services, averages, cars per passenger train (No.)	3.5	0.0	7.2	3.5	6.9
Transportation services, averages, freight carload (t)	48.9	70.3	0.0	80.2	57.9
Transportation services, averages, empty freight car-kilometres (%)	32.3	39.3	0.0	44.7	35.6
Transportation services, averages, freight train speed (km/hr)	48.2	33.5	0.0	39.5	40.1

1. Includes 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	964	940	0	1,904
Electric	0	0	0	0
Total freight locomotives	964	940	0	1,904
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	288	204	0	492
Electric	0	0	0	0
Total yard locomotives	288	204	0	492
Associated equipment	0	22	0	22
Total locomotives	1,266	1,170	76	2,512
Freight Cars				
Box	14,140	5,578	0	19,718
Hopper	18,892	16,288	0	35,180
Gondola	6,048	3,172	0	9,220
Refrigerator	0	0	0	0
Flat	10,414	5,315	0	15,729
Stock	0	0	0	0
Caboose	55	106	0	161
Other	2,338	0	0	2,338
Total freight cars	51,887	30,459	0	82,346
Passenger cars				
Head-end	12	5	31	48
Meal and/or lounge	4	9	67	80
Sleeping	1	1	89	91
Coach	32	2	200	234
Diesel	0	0	6	6
Commuter	2	0	0	2
Other	0	0	0	0
Total passenger cars	51	17	393	461

Table 10-2

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

	Canadian National	Canadian Pacific	VIA Rail	Regional ¹ Railways	Total
	number				
Locomotives					
Total freight locomotives	964	940	0	351	2,255
Total passenger locomotives	14	4	76	12	106
Total yard locomotives	288	204	0	16	508
Associated equipment	0	22	0	9	31
Total locomotives	1,266	1,170	76	388	2,900
Total freight cars	51,887	30,459	0	13,278	95,624
Total passenger cars	51	17	393	71	532

1. Includes 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 railways	Total
	number				
Average number of employees					
General services	2,672	2,402	614	686	6,374
Road maintenance	4,066	2,877	16	1,255	8,214
Equipment maintenance	2,692	1,869	798	868	6,227
Transportation	6,110	5,769	1,710	1,872	15,461
Total major occupational group	15,540	12,917	3,138	4,681	36,276
	\$'000,000				
Total compensation					
General services	200.9	165.4	33.2	41.6	441.0
Road maintenance	255.3	163.4	0.8	63.4	483.0
Equipment maintenance	158.7	104.8	41.0	51.8	356.3
Transportation	488.7	386.7	95.7	118.0	1,089.1
Total major occupational group	1,103.6	820.3	170.6	274.8	2,369.4
	\$				
Average compensation per year					
General services	75,182	68,842	54,061	60,612	69,190
Road maintenance	62,801	56,812	48,922	50,498	58,797
Equipment maintenance	58,936	56,091	51,334	59,733	57,219
Transportation	79,985	67,029	55,969	63,050	70,444
Total major occupational group	71,016	63,508	54,381	58,712	65,316
Average compensation per hour					
General services	33.9	32.9	25.9	31.8	32.6
Road maintenance	24.8	24.3	24.1	26.1	24.8
Equipment maintenance	25.2	25.4	24.7	31.1	25.9
Transportation	22.4	26.6	26.9	30.4	24.9
Total major occupational group	24.9	27.0	26.1	29.6	26.2

1. Includes 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	2,291	8.1	4,891	222,587	11.6	2,135	45.5	97,157
VIA Rail	199	6.3	415	15,499	9.1	2,085	37.4	77,885
Total mainline companies	2,490	7.9	5,306	238,086	11.4	2,131	44.9	95,617
Professional, scientific, technical and staff assistants								
Canadian National and Canadian Pacific	4,801	16.9	10,490	335,553	17.4	2,185	32.0	69,892
VIA Rail	255	8.1	530	16,528	9.7	2,077	31.2	64,815
Total mainline companies	5,056	16.0	11,019	352,081	16.8	2,179	32.0	69,636
Clerical								
Canadian National and Canadian Pacific	2,303	8.1	5,208	114,485	6.0	2,261	22.0	49,711
VIA Rail	523	16.7	1,086	22,463	13.2	2,076	20.7	42,951
Total mainline companies	2,826	8.9	6,294	136,948	6.5	2,227	21.8	48,460
Running trades								
Canadian National and Canadian Pacific	8,731	30.7	29,308	671,285	34.9	3,357	22.9	76,885
VIA Rail	413	13.2	861	37,787	22.1	2,085	43.9	91,493
Total mainline companies	91,440	289.4	30,169	709,071	33.9	3,299	23.5	77,545
Working foremen								
Canadian National and Canadian Pacific	1,158	4.1	2,926	72,287	3.8	2,527	24.7	62,424
VIA Rail	3	0.1	7	167	0.1	2,274	24.5	55,803
Total mainline companies	1,161	3.7	2,933	72,454	3.5	2,526	24.7	62,407
Craftsmen, tradesmen, lead hands, service workers and helpers								
Canadian National and Canadian Pacific	8,314	29.2	19,950	467,619	24.3	2,400	23.4	56,245
VIA Rail	1,441	45.9	2,999	64,635	37.9	2,081	21.6	44,854
Total mainline companies	9,755	30.9	22,949	532,254	25.4	2,353	23.2	54,562
Labourers, including building attendants and coach cleaners								
Canadian National and Canadian Pacific	859	3.0	2,033	40,112	2.1	2,367	19.7	46,696
VIA Rail	304	9.7	631	13,568	8.0	2,077	21.5	44,632
Total mainline companies	1,163	3.7	2,665	53,680	2.6	2,291	20.2	46,156
Total occupational categories								
Canadian National and Canadian Pacific	28,457	100.0	74,806	1,923,926	100.0	2,629	25.7	67,608
VIA Rail	3,138	100.0	6,529	170,648	100.0	2,080	26.1	54,381
Total mainline companies	31,595	100.0	81,335	2,094,574	100.0	2,574	25.8	66,294

Table 13

Rail transportation — Origin and destination of commodity transported

	Destination									Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S.	Mexico	
	tonnes									
Origin										
Atlantic	5,307,750	20,506,237	1,412,268	40,999	7,244	140,472	70,878	2,985,314	233	30,471,395
Quebec	2,410,069	6,456,350	5,895,059	365,781	113,989	723,071	1,472,368	12,316,937	128,084	29,881,706
Ontario	1,659,755	5,882,573	7,419,967	898,926	361,311	3,578,253	2,577,471	15,866,727	193,994	38,438,977
Manitoba	65,296	717,600	3,664,056	657,409	343,715	319,106	1,049,782	2,933,781	354,515	10,105,259
Saskatchewan	284,859	1,045,388	7,211,605	1,518,422	216,684	1,066,763	9,823,835	10,564,391	71,472	31,803,418
Alberta	145,250	1,035,415	2,891,926	1,242,630	1,089,083	2,739,207	19,478,043	13,893,390	13,956	42,528,901
British Columbia	170,011	2,248,512	4,704,115	359,707	100,496	1,181,763	23,574,225	7,914,405	1,532	40,254,766
U.S.	1,115,525	4,482,033	7,041,336	675,861	1,198,783	4,189,987	1,428,852	6,155,075	9,894	26,297,345
Mexico	246	819	5,012	92	21	291	553	89	.	7,124
Total tonnage from all origins	11,158,760	42,374,926	40,245,344	5,759,826	3,431,326	13,938,913	59,476,006	72,630,109	773,680	249,788,889

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	353	0	0	0	0	0	0	0	353
02 Other cereal grains	91	1,086	3,886	0	0	0	0	258	5,321
03 Fresh, chilled or dried vegetables	0	4,356	25,801	303	0	51	91	1,247	31,849
04 Fresh, chilled or dried fruit and nuts	0	24	359	0	0	0	0	0	383
05 Colza seeds (canola)	0	0	0	23	0	0	0	0	23
06 Other oil seeds and nuts, other agricultural product	0	185	2,403	69	55	733	86	0	3,532
07 Animal feed and products	0	51	120	0	0	0	221	325	717
08 Meat, fish, seafood and preparations	0	0	2	0	0	921	550	699	2,171
09 Milled grain production and preparations, bakery products	45	0	304	25	0	0	0	8,988	9,361
10 Animal or vegetable fats, oils and flours	0	0	68	486	0	0	0	965	1,520
11 Sugar	0	753	445	67	0	204	205	0	1,674
12 Prepared food stuffs, not elsewhere classified	25	1,648	992	10,023	0	2,449	405	0	15,541
13 Alcoholic and non-alcoholic beverages	36	4,004	34,103	3,147	76	7,303	3,663	4,633	56,966
14 Sand, gravel and crushed stone	0	55,174	18	0	0	21	0	17	55,230
15 Salt	59,813	9,297	0	0	0	0	0	0	69,110
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	9,092	92	0	0	0	0	0	26,700	35,884
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	2,946,702	4,070	47,019	6	0	142	107	36,595	3,034,640
20 Iron ores and concentrates	0	19,341,658	0	0	0	0	0	0	19,341,658
21 Copper ores and concentrates	0	1,696	338	0	0	0	0	0	2,034
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	155,267	0	0	0	0	0	0	155,267
25 Other metallic ores and concentrates	0	150	0	0	0	0	0	0	150
26 Coal	894,356	0	0	0	0	0	0	0	894,356
27 Gasoline and aviation turbine fuel	18,977	0	0	0	0	0	0	0	18,977
28 Fuel oils and crude petroleum	72,051	0	290	0	0	0	0	0	72,342
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	146,149	39,582	20,375	9	0	0	0	233,975	440,090
30 Coal coke and petroleum coke	1,669	1,960	0	0	0	0	0	0	3,630
31 Other refined petroleum and coal products	425	784	93	0	0	61	0	0	1,362
32 Sulphuric acid	446	2,903	9,359	0	0	0	0	64,591	77,299
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	17,089	54,688	12,968	1,876	328	92	331	15,877	103,247
35 Potash	872,991	28,183	3,627	0	0	0	0	108,175	1,012,975
36 Fertilizers (excluding potash)	73,448	0	281	0	0	88	0	178	73,995
37 Other chemical products and preparations	0	1,779	355	103	23	274	0	0	2,534
38 Plastic and rubber	2,067	26,234	35,650	802	422	4,028	1,141	33,603	103,946
39 Logs and other wood in the rough	30,554	1,834	233	0	0	0	0	23,502	56,123
40 Wood chips	3,751	0	144	0	0	0	0	0	3,895
41 Lumber	16,002	7,128	7,705	0	0	190	0	566,032	597,056
42 Other wood products (plywood, veneer)	655	1,459	11,196	2,917	241	5,797	1,517	218,124	241,904
43 Wood pulp	85,800	19,059	107,241	0	0	0	0	273,603	485,703
44 Newsprint	1,516	8,093	4,301	0	0	0	0	248,507	262,417

See footnotes at the end of the table.

Table 14-1 – continued

Rail transportation — Commodity movements from Atlantic

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	7,304	58,779	115,266	837	173	6,387	6,749	603,078	798,571
46 Cement	35,876	0	0	0	0	0	0	0	35,876
47 Other non-metallic mineral products	23	19,210	26,464	1,862	654	8,491	2,147	33,588	92,438
48 Iron and steel, primary or semi-finished	113	56	123	0	0	0	0	451	743
49 Copper, primary or semi-finished	0	0	135	0	0	0	0	0	135
50 Aluminum, primary or semi-finished	0	0	518	0	0	0	0	0	518
51 Other non-ferrous metal, primary or semi-finished	151	406	10,249	0	0	61,565	1,728	27,013	101,112
52 Articles of base metal	350	1,497	362	0	0	49	63	217	2,537
53 Machinery	138	485	698	0	860	3,457	813	490	6,940
54 Automobiles and mini-vans	1,359	21,488	32,784	1,242	758	6,396	12,178	0	76,203
55 Freight motor vehicles	0	26	0	0	0	0	0	14	40
56 Other vehicles	0	32	106	60	0	0	0	0	198
57 Parts and accessories for motor vehicles	0	0	522	24	0	0	0	17	562
58 Other transportation equipment	0	82	0	0	0	0	0	279	360
59 Metallic waste and scrap	2,926	102,888	3,012	163	0	0	0	1,091	110,080
60 Non-metallic waste and scrap	0	1,306	2,140	0	0	0	152	1,007	4,606
61 Other manufactured and miscellaneous goods	1,051	12,941	4,212	365	329	1,204	747	312	21,161
62 Pool car traffic of freight forwarder and ship associated	0	491	1,837	18	0	101	24	46	2,517
63 Mixed loads or unidentified freight	4,326	513,352	884,163	16,495	3,325	30,471	37,960	451,353	1,941,445
64 Less than carload shipments	35	4	4	79	0	0	0	0	121
Total tonnage of all rail commodities	5,307,750	20,506,237	1,412,268	40,999	7,244	140,472	70,878	2,985,547	30,471,395
Car type⁴									
Containers on flat cars (COFC)	839,799	236	990,110	175,275	69,548	574,189	1,308,940	2,100,985	6,059,083
Trailers on flat cars (TOFC)	19,596	0	198,518	901	200	3,029	1,357	25,731	249,332

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 14-2

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	353	90	23,796	15,020	13,451	74	0	117	52,901
02 Other cereal grains	91	23,841	16,955	328	3,672	295	0	37,920	83,102
03 Fresh, chilled or dried vegetables	0	1,432	2,169	5,710	21,631	1,388	70	1,522	33,922
04 Fresh, chilled or dried fruit and nuts	0	19	20	0	0	0	776	0	815
05 Colza seeds (canola)	0	0	0	0	0	0	0	0	0
06 Other oil seeds and nuts, other agricultural product	0	102	0	5,086	710	44	125	6,752	12,819
07 Animal feed and products	0	197	20,469	1,818	59	0	0	43,420	65,962
08 Meat, fish, seafood and preparations	0	123	2,436	73	26	76	590	4,351	7,675
09 Milled grain production and preparations, bakery products	45	1,159	19,077	12,268	1,964	177	52	9,509	44,250
10 Animal or vegetable fats, oils and flours	0	0	15,587	7,495	10,126	3,755	0	28,013	64,976
11 Sugar	0	11,714	47,709	0	0	0	0	7,151	66,574
12 Prepared food stuffs, not elsewhere classified	25	1,031	2,177	2,157	557	532	971	4,057	11,506
13 Alcoholic and non-alcoholic beverages	36	23,779	11,645	169	64	2,245	534	2,007	40,480
14 Sand, gravel and crushed stone	0	344,846	60,762	0	0	642	0	9,621	415,871
15 Salt	59,813	2,330	27	0	91	0	0	0	62,261
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	9,092	0	0	0	0	0	0	0	9,092
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	2,946,702	108,834	939	0	1,299	38	0	240,890	3,298,702
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	2,941	2,941
24 Zinc ores and concentrates	0	0	0	0	0	0	0	0	0
25 Other metallic ores and concentrates	0	2,302	0	0	0	0	0	86	2,389
26 Coal	894,356	85	8	0	0	0	0	348	894,798
27 Gasoline and aviation turbine fuel	18,977	142,277	25	0	0	0	0	0	161,279
28 Fuel oils and crude petroleum	72,051	266,086	59,728	0	0	0	0	0	397,866
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	146,149	11,510	185,568	0	9,979	18,264	0	25,491	396,962
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	425	15,944	13,569	0	142	32	0	12,536	42,647
32 Sulphuric acid	446	28,321	55,132	0	0	0	0	16,599	100,499
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	17,089	154,319	45,559	1,572	0	3,736	13,242	72,586	308,103
35 Potash	872,991	0	0	0	212,132	0	0	0	1,085,122
36 Fertilizers (excluding potash)	73,448	20,355	855	0	0	26,240	0	26,985	147,883
37 Other chemical products and preparations	0	2,534	5,988	0	0	35	0	18,917	27,473
38 Plastic and rubber	2,067	17,490	14,607	35	0	18,519	139	82,094	134,949
39 Logs and other wood in the rough	30,554	1,352	4,182	0	0	105	502	56	36,751
40 Wood chips	3,751	0	0	0	0	0	0	0	3,751
41 Lumber	16,002	19,997	4,171	0	381	12,524	28,460	926	82,461
42 Other wood products (plywood, veneer)	655	7,684	21,286	266	288	15,251	27,713	1,630	74,772

See footnotes at the end of the table.

Table 14-2 – continued

Rail transportation — Commodity movements to Atlantic

	Origin								
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	Total tonnage from all origins
43 Wood pulp	85,800	62,899	4,461	0	0	0	52,268	17,171	222,599
44 Newsprint	1,516	1,094	287	0	0	0	0	232	3,129
45 Paper and paperboard, except printed products	7,304	8,075	33,258	167	0	0	220	2,929	51,953
46 Cement	35,876	156,174	934	0	0	0	0	0	192,983
47 Other non-metallic mineral products	23	65,687	22,417	348	12	11,757	311	1,382	101,936
48 Iron and steel, primary or semi-finished	113	7,004	42,834	0	0	824	24	17,325	68,122
49 Copper, primary or semi-finished	0	0	90	0	0	0	0	0	90
50 Aluminum, primary or semi-finished	0	72	0	0	0	0	0	0	72
51 Other non-ferrous metal, primary or semi-finished	151	16	15	158	0	0	163	0	504
52 Articles of base metal	350	13,793	5,155	1,202	25	422	1,050	2,532	24,528
53 Machinery	138	312	1,898	17	25	1,638	87	1,457	5,572
54 Automobiles and mini-vans	1,359	2,601	35,650	0	0	14	22,181	14,890	76,693
55 Freight motor vehicles	0	14,056	55,827	0	0	59	3,511	26,965	100,418
56 Other vehicles	0	43	1,613	0	0	266	0	15	1,936
57 Parts and accessories for motor vehicles	0	1,016	7,450	0	0	0	19	338	8,823
58 Other transportation equipment	0	195	109	1,432	0	204	657	5,849	8,445
59 Metallic waste and scrap	2,926	25	860	0	0	0	0	19,310	23,122
60 Non-metallic waste and scrap	0	431	334	0	0	0	0	0	765
61 Other manufactured and miscellaneous goods	1,051	8,318	8,170	222	20	568	501	317	19,167
62 Pool car traffic of freight forwarder and ship associated	0	22,971	15,175	0	0	157	113	0	38,416
63 Mixed loads or unidentified freight	4,326	720,404	787,750	9,755	8,205	25,372	15,735	348,536	1,920,082
64 Less than carload shipments	35	13	1,021	0	0	0	0	0	1,068
Total tonnage of all rail commodities	5,307,750	2,410,069	1,659,755	65,296	284,859	145,250	170,011	1,115,771	11,158,760
Car type⁴									
Containers on flat cars (COFC)	13,436	839,799	803,750	25,540	37,444	42,401	23,205	357,833	2,143,408
Trailers on flat cars (TOFC)	15	19,596	57,028	145	20	1,234	898	5,321	84,257

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	90	1,890	2,459	0	0	0	0	8,678	13,116
02 Other cereal grains	23,841	19,027	40,490	22	0	320	20	38,762	122,482
03 Fresh, chilled or dried vegetables	1,432	256	129	120	23	182	855	36,336	39,332
04 Fresh, chilled or dried fruit and nuts	19	0	0	0	85	380	440	66	991
05 Colza seeds (canola)	0	0	8,567	0	0	0	0	0	8,567
06 Other oil seeds and nuts, other agricultural product	102	8,128	102	10	0	49	17,756	1,662	27,809
07 Animal feed and products	197	1,651	203	219	151	1,685	3,968	2,316	10,389
08 Meat, fish, seafood and preparations	123	0	473	77	38	392	50,204	18,472	69,779
09 Milled grain production and preparations, bakery products	1,159	0	5,374	1,049	334	1,482	2,083	6,550	18,030
10 Animal or vegetable fats, oils and flours	0	337	482	0	0	63	359	270	1,511
11 Sugar	11,714	174	132,347	59	0	1,198	2,561	23,188	171,241
12 Prepared food stuffs, not elsewhere classified	1,031	0	4,296	2,167	430	8,261	16,641	6,456	39,282
13 Alcoholic and non-alcoholic beverages	23,779	506	8,088	1,729	1,558	11,099	5,558	13,770	66,087
14 Sand, gravel and crushed stone	344,846	19,136	1,103	0	6,804	37,494	13,523	62,193	485,098
15 Salt	2,330	100	163	0	0	26	0	18	2,637
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	0	0	0	21,053	21,053
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	108,834	30,441	21,236	109	0	3,603	44,397	16,412	225,032
20 Iron ores and concentrates	0	0	0	0	0	0	80	0	80
21 Copper ores and concentrates	0	223,540	268,091	0	0	0	0	0	491,632
22 Nickel ores and concentrates	0	0	18,454	0	0	0	0	0	18,454
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	355,011	7,860	51,438	0	89	70,971	0	485,369
25 Other metallic ores and concentrates	2,302	0	12,258	23	30	0	177	1,171	15,961
26 Coal	85	0	0	0	0	0	0	180	265
27 Gasoline and aviation turbine fuel	142,277	856,457	542,557	8,188	0	51	3,498	15,216	1,568,244
28 Fuel oils and crude petroleum	266,086	1,358,077	811,106	6,573	0	230	82	123,534	2,565,688
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	11,510	153,066	39,052	0	0	0	0	46,728	250,356
30 Coal coke and petroleum coke	115,119	5,938	0	0	0	0	0	29	121,086
31 Other refined petroleum and coal products	15,944	18,959	37,362	1,421	269	6,666	1,602	19,053	101,276
32 Sulphuric acid	28,321	102,107	24,333	0	0	0	1,176	543,820	699,758
33 Alumina	0	297,501	27,431	6,020	2,590	4,530	2,821	298,146	639,038
34 Other basic chemicals	154,319	327,421	389,576	6,850	4,470	13,120	35,634	891,836	1,823,227
35 Potash	0	90	0	0	0	0	0	0	90
36 Fertilizers (excluding potash)	20,355	1,511	13,865	5	0	53	260	18,546	54,593
37 Other chemical products and preparations	2,534	22,209	5,371	1,171	5,270	3,394	6,532	45,506	91,985
38 Plastic and rubber	17,490	248,409	85,138	7,265	8,147	15,101	11,869	281,648	675,066
39 Logs and other wood in the rough	1,352	131,029	298	2,084	2,586	0	2,352	10,006	149,706
40 Wood chips	0	987,805	73	0	0	0	0	0	987,877
41 Lumber	19,997	123,251	195,385	14,793	491	7,903	17,112	1,706,757	2,085,689
42 Other wood products (plywood, veneer)	7,684	71,700	32,658	12,595	4,025	25,026	11,884	971,787	1,137,359
43 Wood pulp	62,899	399,533	217,579	0	0	0	2,336	410,755	1,093,103
44 Newsprint	1,094	153,107	131,773	15	0	404	1,928	1,566,743	1,855,064

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
45 Paper and paperboard, except printed products	8,075	163,385	278,703	2,788	1,447	5,504	29,876	1,054,576	1,544,354
46 Cement	156,174	5,515	104	0	0	104	22	384,640	546,559
47 Other non-metallic mineral products	65,687	26,568	16,990	1,457	278	8,171	41,211	64,779	225,139
48 Iron and steel, primary or semi-finished	7,004	921	519,057	256	1,872	16,595	4,309	297,020	847,033
49 Copper, primary or semi-finished	0	110,148	4,560	0	3,820	54	0	77,819	196,401
50 Aluminum, primary or semi-finished	72	12,083	346,572	3	67	25	16,107	1,302,181	1,677,108
51 Other non-ferrous metal, primary or semi-finished	16	0	49,557	62,780	6,324	0	4,208	138,220	261,104
52 Articles of base metal	13,793	4,809	4,132	471	866	9,851	1,620	15,923	51,466
53 Machinery	312	617	1,189	92	133	1,124	1,209	44,678	49,355
54 Automobiles and mini-vans	2,601	288	167	10,129	931	4,895	4,687	100	23,796
55 Freight motor vehicles	14,056	0	18	0	699	14	27	0	14,813
56 Other vehicles	43	9	152	5	0	7,010	134	46	7,398
57 Parts and accessories for motor vehicles	1,016	0	50	0	0	0	105	2,725	3,896
58 Other transportation equipment	195	6,237	7,521	420	82	296	279	12,439	27,468
59 Metallic waste and scrap	25	121,370	41,304	0	0	269	749	15,347	179,064
60 Non-metallic waste and scrap	431	79,708	3,004	0	23	730	7,460	85,215	176,570
61 Other manufactured and miscellaneous goods	8,318	5,592	6,930	3,466	3,084	40,222	18,971	27,178	113,761
62 Pool car traffic of freight forwarder and ship associated	22,971	69	1,705	34,732	4,873	78,066	55,376	384	198,174
63 Mixed loads or unidentified freight	720,404	666	1,527,617	125,184	52,191	407,334	957,341	1,714,088	5,504,825
64 Less than carload shipments	13	0	0	0	0	8	0	0	21
Total tonnage of all rail commodities	2,410,069	6,456,350	5,895,059	365,781	113,989	723,071	1,472,368	12,445,021	29,881,706
Car type⁴									
Containers on flat cars (COFC)	839,799	236	990,110	175,275	69,548	574,189	1,308,940	2,100,985	6,059,083
Trailers on flat cars (TOFC)	19,596	0	198,518	901	200	3,029	1,357	25,731	249,332

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	1,890	1,207,447	225,501	362,969	25,207	0	211	1,823,224
02 Other cereal grains	1,086	19,027	54,897	22,986	90,837	3,411	46	268,659	460,950
03 Fresh, chilled or dried vegetables	4,356	256	90,846	120,776	296,449	20,765	11,017	31,557	576,022
04 Fresh, chilled or dried fruit and nuts	24	0	59	0	0	0	33,218	14,490	47,791
05 Colza seeds (canola)	0	0	150	2,968	22	0	0	0	3,140
06 Other oil seeds and nuts, other agricultural product	185	8,128	60,476	56,251	20,833	2,651	11,425	112,231	272,179
07 Animal feed and products	51	1,651	445,910	20,022	582	10,649	415	356,373	835,652
08 Meat, fish, seafood and preparations	0	0	6,482	8,245	1,814	6,085	40,330	5,537	68,493
09 Milled grain production and preparations, bakery products	0	0	19,600	21,539	17,684	46,408	1,632	31,050	137,913
10 Animal or vegetable fats, oils and flours	0	337	80,603	76,924	125,438	3,677	35	43,318	330,332
11 Sugar	753	174	64,733	0	20	63	36	69,506	135,285
12 Prepared food stuffs, not elsewhere classified	1,648	0	4,671	18,498	1,223	5,183	18,124	23,287	72,633
13 Alcoholic and non-alcoholic beverages	4,004	506	8,004	7,162	9	12,122	6,542	16,430	54,780
14 Sand, gravel and crushed stone	55,174	19,136	29,281	29	0	308	24	81,019	184,971
15 Salt	9,297	100	638,148	0	273	0	0	1,256	649,073
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	92	0	0	0	0	262	0	0	354
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	4,070	30,441	93,584	1,435	3,745	1,423	62	160,300	295,059
20 Iron ores and concentrates	19,341,658	0	0	0	0	0	0	27	19,341,685
21 Copper ores and concentrates	1,696	223,540	0	0	0	0	149,266	10,827	385,330
22 Nickel ores and concentrates	0	0	0	0	0	25	0	0	25
23 Lead ores and concentrates	0	0	10,526	0	0	0	470	0	10,996
24 Zinc ores and concentrates	155,267	355,011	20,973	0	0	0	0	0	531,251
25 Other metallic ores and concentrates	150	0	107	0	1,718	0	95,680	200	97,854
26 Coal	0	0	0	0	0	0	0	26,827	26,827
27 Gasoline and aviation turbine fuel	0	856,457	518	0	1	36	0	383	857,395
28 Fuel oils and crude petroleum	0	1,358,077	60,103	0	0	0	0	483	1,418,662
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	39,582	153,066	319,229	1,012	7,115	50,747	72	9,018	579,841
30 Coal coke and petroleum coke	1,960	5,938	29,047	0	0	76,142	0	182,180	295,267
31 Other refined petroleum and coal products	784	18,959	73,917	0	748	42,678	18	47,193	184,297
32 Sulphuric acid	2,903	102,107	121,664	0	0	0	0	33,150	259,824
33 Alumina	0	297,501	76	0	0	0	0	2,720	300,297
34 Other basic chemicals	54,688	327,421	159,694	558	918	111,808	19,178	497,743	1,172,008
35 Potash	28,183	90	3,185	0	36,374	177	0	0	68,008
36 Fertilizers (excluding potash)	0	1,511	13,693	4,996	7,202	44,858	226	75,876	148,361
37 Other chemical products and preparations	1,779	22,209	19,932	316	21	1,814	2,154	128,806	177,029
38 Plastic and rubber	26,234	248,409	97,921	317	87	117,323	7,906	300,235	798,431
39 Logs and other wood in the rough	1,834	131,029	15,973	42	0	154	113	439	149,585
40 Wood chips	0	987,805	0	0	0	0	20	5	987,829
41 Lumber	7,128	123,251	44,579	385	384	48,806	93,194	4,544	322,270
42 Other wood products (plywood, veneer)	1,459	71,700	15,856	1,168	9,083	124,316	152,678	18,165	394,424
43 Wood pulp	19,059	399,533	140,399	0	909	23,312	11,854	56,733	651,799
44 Newsprint	8,093	153,107	55,335	0	0	70	485	994	218,085

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	
45 Paper and paperboard, except printed products	58,779	163,385	91,550	18,420	334	3,642	17,363	94,424	447,897
46 Cement	0	5,515	19,563	0	0	0	9	29,158	54,244
47 Other non-metallic mineral products	19,210	26,568	5,817	10,967	183	64,308	5,522	48,370	180,944
48 Iron and steel, primary or semi-finished	56	921	175,754	82	416	0	444	92,096	269,768
49 Copper, primary or semi-finished	0	110,148	29,093	0	0	0	26	4,154	143,420
50 Aluminum, primary or semi-finished	0	12,083	106	0	0	0	2,902	2,148	17,239
51 Other non-ferrous metal, primary or semi-finished	406	0	116,363	6,231	0	21,180	6,102	3,319	153,601
52 Articles of base metal	1,497	4,809	18,827	370	198	983	13,555	28,917	69,156
53 Machinery	485	617	6,019	1,207	1,138	909	6,790	14,071	31,235
54 Automobiles and mini-vans	21,488	288	114,717	23	33	1,996	139,825	173,408	451,776
55 Freight motor vehicles	26	0	68,196	0	0	509	17,250	110,682	196,663
56 Other vehicles	32	9	114	670	16	8,853	649	1,524	11,867
57 Parts and accessories for motor vehicles	0	0	6,667	190	0	27	607	68,343	75,833
58 Other transportation equipment	82	6,237	42,470	0	0	0	2,556	5,912	57,256
59 Metallic waste and scrap	102,888	121,370	109,462	1,686	1,251	2,603	128	74,122	413,509
60 Non-metallic waste and scrap	1,306	79,708	49,766	1,095	12	1,320	4,617	141,051	278,875
61 Other manufactured and miscellaneous goods	12,941	5,592	48,200	9,956	594	14,593	12,128	26,250	130,254
62 Pool car traffic of freight forwarder and ship associated	491	69	512	1,115	272	475	6,059	277	9,269
63 Mixed loads or unidentified freight	513,352	666	971,764	74,461	54,484	133,542	1,355,761	952,839	4,056,869
64 Less than carload shipments	4	0	0	0	0	0	0	20	24
Total tonnage of all rail commodities	20,506,237	6,456,350	5,882,573	717,600	1,045,388	1,035,415	2,248,512	4,482,852	42,374,926
Car type⁴									
Containers on flat cars (COFC)	577,824	236	844,379	317,828	399,553	489,111	1,659,032	1,251,680	5,539,641
Trailers on flat cars (TOFC)	8,554	0	134,365	1,155	648	5,985	2,844	33,156	186,706

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	23,796	1,207,447	342,219	0	92	0	2,361	299,203	1,875,118
02 Other cereal grains	16,955	54,897	9,825	660	5,782	3,748	406	30,912	123,183
03 Fresh, chilled or dried vegetables	2,169	90,846	0	240	814	370	5,997	9,730	110,166
04 Fresh, chilled or dried fruit and nuts	20	59	0	21	21	256	154	298	829
05 Colza seeds (canola)	0	150	14,446	0	0	64	50,539	26	65,226
06 Other oil seeds and nuts, other agricultural product	0	60,476	2,813	784	329	2,092	73,568	33,820	173,882
07 Animal feed and products	20,469	445,910	42,341	7,407	3,064	37,289	20,467	61,492	638,439
08 Meat, fish, seafood and preparations	2,436	6,482	0	139	285	1,178	20,832	7,766	39,117
09 Milled grain production and preparations, bakery products	19,077	19,600	66,938	2,342	1,657	7,576	5,696	61,526	184,413
10 Animal or vegetable fats, oils and flours	15,587	80,603	3,110	1,680	7	3,095	4,618	32,457	141,158
11 Sugar	47,709	64,733	28,255	8	0	5,342	4,645	40,136	190,828
12 Prepared food stuffs, not elsewhere classified	2,177	4,671	2,130	12,336	6,265	68,547	47,593	15,476	159,195
13 Alcoholic and non-alcoholic beverages	11,645	8,004	1,886	6,357	1,733	27,215	22,171	33,433	112,443
14 Sand, gravel and crushed stone	60,762	29,281	29,487	181	0	1,257	91	383,459	504,517
15 Salt	27	638,148	125,044	23	130	78	44	72,568	836,060
16 Phosphate rock	0	0	0	0	0	1,004,621	0	2,680	1,007,301
17 Sulphur	0	0	707	0	0	0	63	9,298	10,067
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	939	93,584	11,938	26	0	13,000	7,533	313,897	440,917
20 Iron ores and concentrates	0	0	0	0	0	0	39	1,869	1,908
21 Copper ores and concentrates	0	0	0	0	0	0	0	19	19
22 Nickel ores and concentrates	0	0	1,653,903	925	0	0	18	0	1,654,846
23 Lead ores and concentrates	0	10,526	514	0	0	0	0	0	11,041
24 Zinc ores and concentrates	0	20,973	0	0	0	0	0	0	20,973
25 Other metallic ores and concentrates	0	107	0	0	0	0	0	32,037	32,144
26 Coal	8	0	15	21	18	121	213	0	397
27 Gasoline and aviation turbine fuel	25	518	51,867	0	0	0	0	82	52,492
28 Fuel oils and crude petroleum	59,728	60,103	45,835	30	0	79	247	21,613	187,634
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	185,568	319,229	412,242	0	0	0	0	1,172,158	2,089,197
30 Coal coke and petroleum coke	0	29,047	8,698	5,357	0	0	0	14,957	58,059
31 Other refined petroleum and coal products	13,569	73,917	192,765	15,230	8,439	130,589	41,867	361,402	837,776
32 Sulphuric acid	55,132	121,664	187,062	898	0	0	6,368	898,424	1,269,548
33 Alumina	0	76	1,378	0	86	1,532	225	9,171	12,468
34 Other basic chemicals	45,559	159,694	221,672	19,014	6,585	42,581	21,006	575,762	1,091,873
35 Potash	0	3,185	12,410	0	0	0	0	18,864	34,459
36 Fertilizers (excluding potash)	855	13,693	71,513	356	1,161	975	523	169,983	259,058
37 Other chemical products and preparations	5,988	19,932	26,616	2,288	1,821	20,873	8,947	187,814	274,277
38 Plastic and rubber	14,607	97,921	340,385	10,140	2,034	45,942	53,691	726,189	1,290,907
39 Logs and other wood in the rough	4,182	15,973	358,674	218	0	14	1,242	284,535	664,837
40 Wood chips	0	0	62,653	0	0	0	0	20,658	83,311
41 Lumber	4,171	44,579	92,379	15,091	71	6,403	10,213	1,159,617	1,332,524
42 Other wood products (plywood, veneer)	21,286	15,856	77,766	17,267	6,493	26,482	14,349	768,777	948,275
43 Wood pulp	4,461	140,399	304,589	5,284	0	0	65,569	1,245,432	1,765,733
44 Newsprint	287	55,335	211,565	0	0	95	1,399	884,672	1,153,353

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
45 Paper and paperboard, except printed products	33,258	91,550	277,396	94,759	4,348	60,375	30,668	204,997	797,351
46 Cement	934	19,563	8,185	42,658	0	256	3,452	536,850	611,896
47 Other non-metallic mineral products	22,417	5,817	1,723	20,938	1,258	50,946	14,262	85,107	202,467
48 Iron and steel, primary or semi-finished	42,834	175,754	1,722,893	109,487	19,008	214,940	88,435	621,158	2,994,510
49 Copper, primary or semi-finished	90	29,093	0	0	144	149	160	85,383	115,018
50 Aluminum, primary or semi-finished	0	106	0	0	2,771	135	332	40,655	43,999
51 Other non-ferrous metal, primary or semi-finished	15	116,363	89	1,189	586	94	11,551	2,860	132,748
52 Articles of base metal	5,155	18,827	21,937	1,090	4,521	165,726	22,682	95,115	335,053
53 Machinery	1,898	6,019	4,418	564	2,593	1,992	1,852	12,764	32,100
54 Automobiles and mini-vans	35,650	114,717	1,809	21,668	11,797	73,415	57,758	1,137,052	1,453,866
55 Freight motor vehicles	55,827	68,196	6,857	30,235	29,601	66,591	34,894	1,403,364	1,695,565
56 Other vehicles	1,613	114	0	52	33	2,275	547	191,828	196,462
57 Parts and accessories for motor vehicles	7,450	6,667	129,703	2,257	2,296	31,917	81,283	488,920	750,492
58 Other transportation equipment	109	42,470	6,186	724	2,068	85	544	53,556	105,742
59 Metallic waste and scrap	860	109,462	47,703	29,093	84,359	41	4,449	805,878	1,081,844
60 Non-metallic waste and scrap	334	49,766	71,511	3,176	186	1,647	18,999	72,038	217,657
61 Other manufactured and miscellaneous goods	8,170	48,200	3,320	17,181	9,873	57,185	55,102	62,037	261,068
62 Pool car traffic of freight forwarder and ship associated	15,175	512	105	69,733	17,997	239,890	111,130	122	454,664
63 Mixed loads or unidentified freight	787,750	971,764	100,420	329,561	120,987	1,159,035	1,546,655	198,811	5,214,982
64 Less than carload shipments	1,021	0	76	239	0	148	25	19	1,528
Total tonnage of all rail commodities	1,659,755	5,882,573	7,419,967	898,926	361,311	3,578,253	2,577,471	16,060,721	38,438,977
Car type⁴									
Containers on flat cars (COFC)	803,750	844,379	117,404	397,475	164,353	1,496,424	2,040,339	280,811	6,144,933
Trailers on flat cars (TOFC)	57,028	134,365	70,385	11,820	1,448	25,138	20,867	223,058	544,108

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	2,459	342,219	1,865,272	3,613,681	563,695	5,121	5,394	6,397,841
02 Other cereal grains	3,886	40,490	9,825	89,243	285,176	597	17	128,019	557,254
03 Fresh, chilled or dried vegetables	25,801	129	0	99,257	140,828	4,362	12,652	23,361	306,389
04 Fresh, chilled or dried fruit and nuts	359	0	0	14	0	377	6,476	7,211	14,437
05 Colza seeds (canola)	0	8,567	14,446	382,410	27,365	21	0	13,181	445,990
06 Other oil seeds and nuts, other agricultural product	2,403	102	2,813	191,313	385,467	2,183	9,693	75,001	668,974
07 Animal feed and products	120	203	42,341	13,310	6,144	5,629	124	68,903	136,775
08 Meat, fish, seafood and preparations	2	473	0	5,147	3,057	14,923	9,045	8,773	41,420
09 Milled grain production and preparations, bakery products	304	5,374	66,938	59,785	62,973	22,249	1,755	253,427	472,805
10 Animal or vegetable fats, oils and flours	68	482	3,110	81,094	19,677	7,383	754	89,303	201,870
11 Sugar	445	132,347	28,255	0	0	295	2,918	81,467	245,726
12 Prepared food stuffs, not elsewhere classified	992	4,296	2,130	63,903	4,492	27,360	28,359	65,144	196,674
13 Alcoholic and non-alcoholic beverages	34,103	8,088	1,886	26,524	203	28,355	22,677	104,718	226,554
14 Sand, gravel and crushed stone	18	1,103	29,487	0	0	889	0	114,164	145,661
15 Salt	0	163	125,044	0	24,542	860	0	631	151,240
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	707	87	5,340	367	0	0	6,501
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	47,019	21,236	11,938	1,858	73,395	5,575	513	426,411	587,943
20 Iron ores and concentrates	0	0	0	0	0	0	0	431	431
21 Copper ores and concentrates	338	268,091	0	443	0	0	36,762	13,694	319,328
22 Nickel ores and concentrates	0	18,454	1,653,903	73	0	0	0	604	1,673,033
23 Lead ores and concentrates	0	0	514	0	0	0	0	0	514
24 Zinc ores and concentrates	0	7,860	0	0	0	0	0	86	7,946
25 Other metallic ores and concentrates	0	12,258	0	0	0	0	0	15,632	27,890
26 Coal	0	0	15	0	1,528,982	246,108	1,340,524	3,915	3,119,544
27 Gasoline and aviation turbine fuel	0	542,557	51,867	146,178	0	4,562	0	1,787	746,953
28 Fuel oils and crude petroleum	290	811,106	45,835	218,507	0	50,956	0	5,077	1,131,771
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	20,375	39,052	412,242	8,901	117	52,746	38	77,165	610,635
30 Coal coke and petroleum coke	0	0	8,698	0	55,386	0	0	13,050	77,134
31 Other refined petroleum and coal products	93	37,362	192,765	0	6,101	54,227	656	256,204	547,407
32 Sulphuric acid	9,359	24,333	187,062	5,316	0	808	5	52,092	278,975
33 Alumina	0	27,431	1,378	0	0	0	0	9,300	38,109
34 Other basic chemicals	12,968	389,576	221,672	30,319	18,997	576,696	19,270	1,304,034	2,573,533
35 Potash	3,627	0	12,410	209	736,009	0	0	1,343	753,598
36 Fertilizers (excluding potash)	281	13,865	71,513	32,485	44,765	199,051	676	311,810	674,445
37 Other chemical products and preparations	355	5,371	26,616	545	363	4,967	2,321	213,375	253,912
38 Plastic and rubber	35,650	85,138	340,385	1,961	137	159,944	16,772	769,126	1,409,113
39 Logs and other wood in the rough	233	298	358,674	0	5,354	43	7,469	6,491	378,561
40 Wood chips	144	73	62,653	0	0	98,427	21	125	161,443
41 Lumber	7,705	195,385	92,379	709	18,696	160,195	325,217	10,110	810,395
42 Other wood products (plywood, veneer)	11,196	32,658	77,766	1,089	25,529	139,334	158,087	21,356	467,013
43 Wood pulp	107,241	217,579	304,589	5,274	6,425	25,199	76,002	90,290	832,600
44 Newsprint	4,301	131,773	211,565	4,393	0	0	1,336	761	354,129

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	
45 Paper and paperboard, except printed products	115,266	278,703	277,396	21,177	22,057	11,673	38,006	259,282	1,023,559
46 Cement	0	104	8,185	0	0	19,106	0	5	27,400
47 Other non-metallic mineral products	26,464	16,990	1,723	1,557	67	32,076	46,078	101,041	225,995
48 Iron and steel, primary or semi-finished	123	519,057	1,722,893	18,390	22,426	3,510	1,815	296,528	2,584,741
49 Copper, primary or semi-finished	135	4,560	0	0	0	0	0	91	4,786
50 Aluminum, primary or semi-finished	518	346,572	0	0	0	0	1,484	14,521	363,096
51 Other non-ferrous metal, primary or semi-finished	10,249	49,557	89	72,024	0	181	2,579	582	135,261
52 Articles of base metal	362	4,132	21,937	2,991	7,781	1,740	29,305	20,529	88,776
53 Machinery	698	1,189	4,418	4	34	575	8,974	4,783	20,674
54 Automobiles and mini-vans	32,784	167	1,809	682	336	3,203	107,687	233,922	380,591
55 Freight motor vehicles	0	18	6,857	0	26	0	31,364	177,527	215,793
56 Other vehicles	106	152	0	92	0	1,717	469	491	3,026
57 Parts and accessories for motor vehicles	522	50	129,703	324	0	1,038	29,988	686,257	847,881
58 Other transportation equipment	0	7,521	6,186	679	953	19	3,630	4,284	23,272
59 Metallic waste and scrap	3,012	41,304	47,703	1,756	302	3,781	387	65,564	163,809
60 Non-metallic waste and scrap	2,140	3,004	71,511	34,477	6,194	4,686	1,723	189,083	312,817
61 Other manufactured and miscellaneous goods	4,212	6,930	3,320	38,739	1,104	74,022	22,189	26,215	176,731
62 Pool car traffic of freight forwarder and ship associated	1,837	1,705	105	264	46	817	6,957	475	12,206
63 Mixed loads or unidentified freight	884,163	1,527,617	100,420	135,282	51,078	275,372	2,286,222	322,204	5,582,358
64 Less than carload shipments	4	0	76	0	0	31	0	0	111
Total tonnage of all rail commodities	1,412,268	5,895,059	7,419,967	3,664,056	7,211,605	2,891,926	4,704,115	7,046,349	40,245,344
Car type⁴									
Containers on flat cars (COFC)	1,004,434	990,110	117,404	322,829	181,014	658,508	2,553,226	369,002	6,196,525
Trailers on flat cars (TOFC)	46,707	198,518	70,385	4,651	1,629	15,021	7,424	203,963	548,298

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	15,020	225,501	1,865,272	241,793	1,113	10,524	282,552	553,633	3,195,409
02 Other cereal grains	328	22,986	89,243	9,369	709	51,622	7,023	605,967	787,248
03 Fresh, chilled or dried vegetables	5,710	120,776	99,257	2,277	64	0	24,989	34,439	287,512
04 Fresh, chilled or dried fruit and nuts	0	0	14	0	0	0	0	0	14
05 Colza seeds (canola)	0	2,968	382,410	3,935	137,965	152,793	399,049	97,252	1,176,371
06 Other oil seeds and nuts, other agricultural product	5,086	56,251	191,313	27	8	44	13,637	36,226	302,591
07 Animal feed and products	1,818	20,022	13,310	221	0	5,274	25,695	22,223	88,564
08 Meat, fish, seafood and preparations	73	8,245	5,147	30	0	0	45,339	677	59,510
09 Milled grain production and preparations, bakery products	12,268	21,539	59,785	2,421	95	7,571	5,678	52,555	161,913
10 Animal or vegetable fats, oils and flours	7,495	76,924	81,094	2,126	0	1,528	38,905	369,684	577,755
11 Sugar	0	0	0	0	0	0	0	104	104
12 Prepared food stuffs, not elsewhere classified	2,157	18,498	63,903	0	7	99	13,762	58,827	157,254
13 Alcoholic and non-alcoholic beverages	169	7,162	26,524	0	9,586	5,162	1,367	285	50,255
14 Sand, gravel and crushed stone	0	29	0	87	0	0	0	0	116
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	87	0	0	0	0	89	176
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	1,435	1,858	18	100	0	1,149	13,986	18,546
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	0	443	0	0	0	0	0	443
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	0	0	0	0	0	0	0	0
26 Coal	0	0	0	0	55	0	0	0	55
27 Gasoline and aviation turbine fuel	0	0	146,178	4,702	82	78	345	0	151,385
28 Fuel oils and crude petroleum	0	0	218,507	10,302	0	0	0	0	228,809
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	1,012	8,901	66	206	1,696	0	83,013	94,894
30 Coal coke and petroleum coke	0	0	0	0	0	0	0	0	0
31 Other refined petroleum and coal products	0	0	0	294	0	367	0	261	922
32 Sulphuric acid	0	0	5,316	6,030	810	2,263	92	31,929	46,440
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	1,572	558	30,319	969	12,723	8,127	37,330	163,945	255,542
35 Potash	0	0	209	10,673	23	0	0	159,839	170,743
36 Fertilizers (excluding potash)	0	4,996	32,485	12,934	58,253	2,436	2,230	128,460	241,793
37 Other chemical products and preparations	0	316	545	14	757	504	19	20	2,174
38 Plastic and rubber	35	317	1,961	0	7	142	808	3,019	6,290
39 Logs and other wood in the rough	0	42	0	277,630	0	0	21	146,767	424,460
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	0	385	709	3,187	91	0	399	130,402	135,172
42 Other wood products (plywood, veneer)	266	1,168	1,089	5	0	186	2,165	206,961	211,838
43 Wood pulp	0	0	5,274	0	83	0	54	3,836	9,247
44 Newsprint	0	0	4,393	81	0	3,342	778	74,924	83,517

See footnotes at the end of the table.

Table 14-7 – continued

Rail transportation — Commodity movements from Manitoba

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	167	18,420	21,177	14,023	0	4,231	16,910	39,809	114,738
46 Cement	0	0	0	0	0	0	0	0	0
47 Other non-metallic mineral products	348	10,967	1,557	60	0	653	0	31,313	44,898
48 Iron and steel, primary or semi-finished	0	82	18,390	198	600	3,036	82	20,092	42,479
49 Copper, primary or semi-finished	0	0	0	0	0	0	0	85,878	85,878
50 Aluminum, primary or semi-finished	0	0	0	0	0	0	0	0	0
51 Other non-ferrous metal, primary or semi-finished	158	6,231	72,024	0	0	0	4,353	24,523	107,288
52 Articles of base metal	1,202	370	2,991	2,850	80	17	377	17,224	25,112
53 Machinery	17	1,207	4	324	0	186	2,907	921	5,566
54 Automobiles and mini-vans	0	23	682	443	0	27	264	0	1,439
55 Freight motor vehicles	0	0	0	176	0	0	12	23	211
56 Other vehicles	0	670	92	14	0	0	37	999	1,811
57 Parts and accessories for motor vehicles	0	190	324	73	0	0	192	929	1,707
58 Other transportation equipment	1,432	0	679	15,623	1,307	8	1,307	5,855	26,210
59 Metallic waste and scrap	0	1,686	1,756	23,419	112,985	77	2,107	20,148	162,179
60 Non-metallic waste and scrap	0	1,095	34,477	0	0	2,741	5,175	8,947	52,433
61 Other manufactured and miscellaneous goods	222	9,956	38,739	597	334	3,001	3,914	35,169	91,931
62 Pool car traffic of freight forwarder and ship associated	0	1,115	264	255	76	1,384	969	0	4,063
63 Mixed loads or unidentified freight	9,755	74,461	135,282	10,142	4,384	49,990	107,658	17,143	408,816
64 Less than carload shipments	0	0	0	23	1,211	0	132	0	1,366
Total tonnage of all rail commodities	65,296	717,600	3,664,056	657,409	343,715	319,106	1,049,782	3,288,296	10,105,259
Car type⁴									
Containers on flat cars (COFC)	25,540	317,828	322,829	0	14,629	61,600	203,416	36,244	982,086
Trailers on flat cars (TOFC)	145	1,155	4,651	0	296	1,516	1,056	4,622	13,441

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	241,793	501,147	35,810	0	0	778,750
02 Other cereal grains	0	22	660	9,369	52,727	13,625	132	9,301	85,835
03 Fresh, chilled or dried vegetables	303	120	240	2,277	103,334	2,257	888	265	109,684
04 Fresh, chilled or dried fruit and nuts	0	0	21	0	0	0	758	0	778
05 Colza seeds (canola)	23	0	0	3,935	24,666	0	0	0	28,623
06 Other oil seeds and nuts, other agricultural product	69	10	784	27	24,421	1,779	76	19	27,186
07 Animal feed and products	0	219	7,407	221	74	2,432	174	4,580	15,108
08 Meat, fish, seafood and preparations	0	77	139	30	0	169	179	0	593
09 Milled grain production and preparations, bakery products	25	1,049	2,342	2,421	36,593	6,055	778	485	49,747
10 Animal or vegetable fats, oils and flours	486	0	1,680	2,126	385	1,153	426	26,320	32,576
11 Sugar	67	59	8	0	0	0	3,556	125	3,816
12 Prepared food stuffs, not elsewhere classified	10,023	2,167	12,336	0	0	4,129	5,701	136	34,491
13 Alcoholic and non-alcoholic beverages	3,147	1,729	6,357	0	23	49,541	11,314	1,570	73,680
14 Sand, gravel and crushed stone	0	0	181	87	0	0	2,540	0	2,808
15 Salt	0	0	23	0	125,777	0	0	83	125,882
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	25,331	5,267	0	0	30,598
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	6	109	26	18	4,356	1,031	4	7,003	12,553
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	124,765	0	124,765
22 Nickel ores and concentrates	0	0	925	0	0	0	0	0	925
23 Lead ores and concentrates	0	0	0	0	0	0	0	0	0
24 Zinc ores and concentrates	0	51,438	0	0	0	0	0	0	51,438
25 Other metallic ores and concentrates	0	23	0	0	0	0	0	0	23
26 Coal	0	0	21	0	44,857	0	0	301,681	346,558
27 Gasoline and aviation turbine fuel	0	8,188	0	4,702	14,272	25,914	0	0	53,076
28 Fuel oils and crude petroleum	0	6,573	30	10,302	24,122	77,053	4,218	396	122,693
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	9	0	0	66	7,813	11,129	0	0	19,017
30 Coal coke and petroleum coke	0	0	5,357	0	0	0	0	0	5,357
31 Other refined petroleum and coal products	0	1,421	15,230	294	78,321	37,731	0	4,855	137,851
32 Sulphuric acid	0	0	898	6,030	0	451	5,643	0	13,022
33 Alumina	0	6,020	0	0	0	0	0	0	6,020
34 Other basic chemicals	1,876	6,850	19,014	969	2,993	26,801	15,044	40,549	114,096
35 Potash	0	0	0	10,673	251,914	0	0	0	262,587
36 Fertilizers (excluding potash)	0	5	356	12,934	145,985	567,871	7,690	138,387	873,226
37 Other chemical products and preparations	103	1,171	2,288	14	339	3,394	90	4,390	11,789
38 Plastic and rubber	802	7,265	10,140	0	0	20,036	762	19,389	58,394
39 Logs and other wood in the rough	0	2,084	218	277,630	10,242	107	5,055	0	295,336
40 Wood chips	0	0	0	0	0	0	40	0	40
41 Lumber	0	14,793	15,091	3,187	4,538	15,443	22,473	1,472	76,997
42 Other wood products (plywood, veneer)	2,917	12,595	17,267	5	0	7,978	12,021	308	53,090
43 Wood pulp	0	0	5,284	0	9,458	0	0	0	14,743
44 Newsprint	0	15	0	81	0	0	0	0	95

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	
45 Paper and paperboard, except printed products	837	2,788	94,759	14,023	9,664	453	5,317	14,051	141,892
46 Cement	0	0	42,658	0	0	173,466	7,826	0	223,950
47 Other non-metallic mineral products	1,862	1,457	20,938	60	0	18,440	102	1,145	44,003
48 Iron and steel, primary or semi-finished	0	256	109,487	198	0	302	1,218	4,699	116,161
49 Copper, primary or semi-finished	0	0	0	0	0	0	0	0	0
50 Aluminum, primary or semi-finished	0	3	0	0	0	0	0	60	63
51 Other non-ferrous metal, primary or semi-finished	0	62,780	1,189	0	0	0	435	215	64,619
52 Articles of base metal	0	471	1,090	2,850	6	1,065	1,348	1,398	8,229
53 Machinery	0	92	564	324	12	5	156	737	1,890
54 Automobiles and mini-vans	1,242	10,129	21,668	443	0	47	9,089	12,652	55,269
55 Freight motor vehicles	0	0	30,235	176	0	0	907	20,427	51,745
56 Other vehicles	60	5	52	14	7	9	0	50	196
57 Parts and accessories for motor vehicles	24	0	2,257	73	0	0	0	48	2,401
58 Other transportation equipment	0	420	724	15,623	12,181	6,695	253	46,021	81,916
59 Metallic waste and scrap	163	0	29,093	23,419	2,102	6,562	0	4,488	65,826
60 Non-metallic waste and scrap	0	0	3,176	0	0	563	93	1,834	5,666
61 Other manufactured and miscellaneous goods	365	3,466	17,181	597	0	10,160	2,293	1,155	35,217
62 Pool car traffic of freight forwarder and ship associated	18	34,732	69,733	255	0	262	639	0	105,639
63 Mixed loads or unidentified freight	16,495	125,184	329,561	10,142	763	107,363	105,705	5,641	700,855
64 Less than carload shipments	79	0	239	23	0	84	0	19	444
Total tonnage of all rail commodities	40,999	365,781	898,926	657,409	1,518,422	1,242,630	359,707	675,952	5,759,826
Car type⁴									
Containers on flat cars (COFC)	32,403	175,275	397,475	0	836	212,660	147,289	10,066	976,003
Trailers on flat cars (TOFC)	150	901	11,820	0	65	583	586	6,789	20,893

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	13,451	362,969	3,613,681	501,147	11,506	95,090	2,009,225	113,907	6,720,976
02 Other cereal grains	3,672	90,837	285,176	52,727	4,860	132,440	263,837	341,708	1,175,257
03 Fresh, chilled or dried vegetables	21,631	296,449	140,828	103,334	336	68	866,246	39,016	1,467,908
04 Fresh, chilled or dried fruit and nuts	0	0	0	0	0	0	0	0	0
05 Colza seeds (canola)	0	22	27,365	24,666	49,245	363,605	1,051,169	14,591	1,530,663
06 Other oil seeds and nuts, other agricultural product	710	20,833	385,467	24,421	80	0	34,317	37,939	503,767
07 Animal feed and products	59	582	6,144	74	1,092	2,910	120,345	19,330	150,537
08 Meat, fish, seafood and preparations	26	1,814	3,057	0	0	0	25	0	4,923
09 Milled grain production and preparations, bakery products	1,964	17,684	62,973	36,593	0	2,683	99,849	155,163	376,909
10 Animal or vegetable fats, oils and flours	10,126	125,438	19,677	385	2,176	2,888	194,865	327,889	683,444
11 Sugar	0	20	0	0	0	0	0	0	20
12 Prepared food stuffs, not elsewhere classified	557	1,223	4,492	0	0	84	1,174	416	7,945
13 Alcoholic and non-alcoholic beverages	64	9	203	23	0	7	0	0	307
14 Sand, gravel and crushed stone	0	0	0	0	0	0	0	0	0
15 Salt	91	273	24,542	125,777	31,239	75,698	64,082	22,657	344,358
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	5,340	25,331	0	0	0	175,200	205,871
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	1,299	3,745	73,395	4,356	0	0	5,294	31,422	119,512
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	1,718	0	0	0	0	0	0	1,718
26 Coal	0	0	1,528,982	44,857	0	0	0	39,317	1,613,156
27 Gasoline and aviation turbine fuel	0	1	0	14,272	0	0	0	0	14,273
28 Fuel oils and crude petroleum	0	0	0	24,122	0	16,838	0	1,192	42,152
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	9,979	7,115	117	7,813	805	468	0	89,902	116,199
30 Coal coke and petroleum coke	0	0	55,386	0	5,720	181	33,940	92,178	187,405
31 Other refined petroleum and coal products	142	748	6,101	78,321	78	0	0	382,508	467,899
32 Sulphuric acid	0	0	0	0	0	0	0	92	92
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	0	918	18,997	2,993	4,032	5,468	16,950	12,233	61,590
35 Potash	212,132	36,374	736,009	251,914	58,481	23,740	4,579,388	7,580,864	13,478,901
36 Fertilizers (excluding potash)	0	7,202	44,765	145,985	11,832	41,497	13,278	159,801	424,360
37 Other chemical products and preparations	0	21	363	339	176	0	0	0	899
38 Plastic and rubber	0	87	137	0	0	0	1,049	1,469	2,742
39 Logs and other wood in the rough	0	0	5,354	10,242	0	0	0	5,035	20,631
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	381	384	18,696	4,538	0	0	0	174,181	198,180
42 Other wood products (plywood, veneer)	288	9,083	25,529	0	0	27	6,495	458,641	500,062
43 Wood pulp	0	909	6,425	9,458	6,297	87	278,722	155,520	457,417
44 Newsprint	0	0	0	0	0	0	0	0	0

See footnotes at the end of the table.

Table 14-9 – continued

Rail transportation — Commodity movements from Saskatchewan

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	0	334	22,057	9,664	21,328	0	1,232	39,388	94,003
46 Cement	0	0	0	0	180	0	0	0	180
47 Other non-metallic mineral products	12	183	67	0	0	0	0	0	262
48 Iron and steel, primary or semi-finished	0	416	22,426	0	0	258,142	80,515	66,691	428,190
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	66	0	0	66
51 Other non-ferrous metal, primary or semi-finished	0	0	0	0	0	0	0	0	0
52 Articles of base metal	25	198	7,781	6	0	29,064	2,734	80,199	120,006
53 Machinery	25	1,138	34	12	0	0	1,391	345	2,944
54 Automobiles and mini-vans	0	33	336	0	0	0	79	5	453
55 Freight motor vehicles	0	0	26	0	0	0	0	0	26
56 Other vehicles	0	16	0	7	0	0	0	0	24
57 Parts and accessories for motor vehicles	0	0	0	0	0	0	13	238	250
58 Other transportation equipment	0	0	953	12,181	2,540	1,170	272	2,545	19,660
59 Metallic waste and scrap	0	1,251	302	2,102	3,537	12,507	640	4,737	25,075
60 Non-metallic waste and scrap	0	12	6,194	0	1,097	1,146	3,380	5,470	17,299
61 Other manufactured and miscellaneous goods	20	594	1,104	0	0	223	664	0	2,606
62 Pool car traffic of freight forwarder and ship associated	0	272	46	0	0	0	38	0	357
63 Mixed loads or unidentified freight	8,205	54,484	51,078	763	48	665	92,628	4,075	211,946
64 Less than carload shipments	0	0	0	0	0	0	0	0	0
Total tonnage of all rail commodities	284,859	1,045,388	7,211,605	1,518,422	216,684	1,066,763	9,823,835	10,635,863	31,803,418
Car type⁴									
Containers on flat cars (COFC)	37,444	399,553	181,014	836	48	1,043	273,251	21,398	914,587
Trailers on flat cars (TOFC)	20	648	1,629	65	0	35	363	2,593	5,353

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	0	92	1,113	11,506	91	113	410	13,324
02 Other cereal grains	0	0	5,782	709	4,860	0	6,166	182,418	199,935
03 Fresh, chilled or dried vegetables	0	23	814	64	336	0	133	843	2,213
04 Fresh, chilled or dried fruit and nuts	0	85	21	0	0	0	217	0	323
05 Colza seeds (canola)	0	0	0	137,965	49,245	0	0	622	187,832
06 Other oil seeds and nuts, other agricultural product	55	0	329	8	80	0	1,874	0	2,347
07 Animal feed and products	0	151	3,064	0	1,092	1,970	22	99,723	106,022
08 Meat, fish, seafood and preparations	0	38	285	0	0	0	51	0	374
09 Milled grain production and preparations, bakery products	0	334	1,657	95	0	85	131	11,547	13,849
10 Animal or vegetable fats, oils and flours	0	0	7	0	2,176	1,211	739	2,411	6,545
11 Sugar	0	0	0	0	0	0	0	2,913	2,913
12 Prepared food stuffs, not elsewhere classified	0	430	6,265	7	0	3,292	2,909	96	13,000
13 Alcoholic and non-alcoholic beverages	76	1,558	1,733	9,586	0	28,818	3,800	95	45,666
14 Sand, gravel and crushed stone	0	6,804	0	0	0	0	169	680	7,653
15 Salt	0	0	130	0	31,239	0	0	0	31,369
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	0	0	0	41	41
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	0	0	100	0	1,539	96	9,623	11,357
20 Iron ores and concentrates	0	0	0	0	0	0	0	9,227	9,227
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	30	0	0	0	0	0	0	30
26 Coal	0	0	18	55	0	0	13,994	0	14,068
27 Gasoline and aviation turbine fuel	0	0	0	82	0	0	0	592	674
28 Fuel oils and crude petroleum	0	0	0	0	0	2,440	132	842	3,414
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	0	0	206	805	72,794	0	25,744	99,549
30 Coal coke and petroleum coke	0	0	0	0	5,720	0	0	434	6,153
31 Other refined petroleum and coal products	0	269	8,439	0	78	30,176	5,358	28,371	72,691
32 Sulphuric acid	0	0	0	810	0	8,561	0	7	9,379
33 Alumina	0	2,590	86	0	0	0	0	0	2,676
34 Other basic chemicals	328	4,470	6,585	12,723	4,032	55,457	690	80,124	164,408
35 Potash	0	0	0	23	58,481	0	0	6,121	64,624
36 Fertilizers (excluding potash)	0	0	1,161	58,253	11,832	518,757	1,458	206,380	797,841
37 Other chemical products and preparations	23	5,270	1,821	757	176	148	328	32,565	41,087
38 Plastic and rubber	422	8,147	2,034	7	0	19,838	947	12,751	44,146
39 Logs and other wood in the rough	0	2,586	0	0	0	0	2,343	0	4,929
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	0	491	71	91	0	30	859	1,410	2,951
42 Other wood products (plywood, veneer)	241	4,025	6,493	0	0	245	1,029	20	12,053
43 Wood pulp	0	0	0	83	6,297	86	136	0	6,602
44 Newsprint	0	0	0	0	0	2,992	316	0	3,308

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	
45 Paper and paperboard, except printed products	173	1,447	4,348	0	21,328	247	1,805	3,543	32,891
46 Cement	0	0	0	0	180	66,866	1,486	1,538	70,069
47 Other non-metallic mineral products	654	278	1,258	0	0	43,274	0	50,058	95,521
48 Iron and steel, primary or semi-finished	0	1,872	19,008	600	0	649	770	85,939	108,838
49 Copper, primary or semi-finished	0	3,820	144	0	0	0	0	0	3,964
50 Aluminum, primary or semi-finished	0	67	2,771	0	0	0	0	0	2,838
51 Other non-ferrous metal, primary or semi-finished	0	6,324	586	0	0	0	0	1,243	8,153
52 Articles of base metal	0	866	4,521	80	0	3,687	204	13,436	22,794
53 Machinery	860	133	2,593	0	0	0	240	1,002	4,829
54 Automobiles and mini-vans	758	931	11,797	0	0	0	2,179	8,143	23,807
55 Freight motor vehicles	0	699	29,601	0	0	0	0	15,706	46,005
56 Other vehicles	0	0	33	0	0	0	0	0	33
57 Parts and accessories for motor vehicles	0	0	2,296	0	0	0	0	0	2,296
58 Other transportation equipment	0	82	2,068	1,307	2,540	299	65	5,456	11,818
59 Metallic waste and scrap	0	0	84,359	112,985	3,537	202,458	14,699	295,119	713,158
60 Non-metallic waste and scrap	0	23	186	0	1,097	25	0	260	1,590
61 Other manufactured and miscellaneous goods	329	3,084	9,873	334	0	828	143	550	15,142
62 Pool car traffic of freight forwarder and ship associated	0	4,873	17,997	76	0	145	93	0	23,183
63 Mixed loads or unidentified freight	3,325	52,191	120,987	4,384	48	22,009	34,802	801	238,548
64 Less than carload shipments	0	0	0	1,211	0	68	0	0	1,279
Total tonnage of all rail commodities	7,244	113,989	361,311	343,715	216,684	1,089,083	100,496	1,198,804	3,431,326
Car type⁴									
Containers on flat cars (COFC)	4,677	69,548	164,353	14,629	48	60,217	48,041	16,090	377,603
Trailers on flat cars (TOFC)	0	200	1,448	296	0	3	512	2,622	5,080

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	74	25,207	563,695	35,810	91	4,998	2,588,983	102,287	3,321,144
02 Other cereal grains	295	3,411	597	13,625	0	21,342	334,329	21,568	395,166
03 Fresh, chilled or dried vegetables	1,388	20,765	4,362	2,257	0	0	234,663	10,942	274,376
04 Fresh, chilled or dried fruit and nuts	0	0	377	0	0	0	0	0	377
05 Colza seeds (canola)	0	0	21	0	0	10,868	1,384,482	335	1,395,706
06 Other oil seeds and nuts, other agricultural product	44	2,651	2,183	1,779	0	219	15,326	1,429	23,629
07 Animal feed and products	0	10,649	5,629	2,432	1,970	8,326	316,950	303,719	649,674
08 Meat, fish, seafood and preparations	76	6,085	14,923	169	0	0	6,583	0	27,837
09 Milled grain production and preparations, bakery products	177	46,408	22,249	6,055	85	3,066	208,741	73,592	360,372
10 Animal or vegetable fats, oils and flours	3,755	3,677	7,383	1,153	1,211	4,515	451,929	141,992	615,614
11 Sugar	0	63	295	0	0	0	961	10,097	11,415
12 Prepared food stuffs, not elsewhere classified	532	5,183	27,360	4,129	3,292	47	11,722	51,647	103,911
13 Alcoholic and non-alcoholic beverages	2,245	12,122	28,355	49,541	28,818	2,528	32,986	15,774	172,369
14 Sand, gravel and crushed stone	642	308	889	0	0	1,014,054	19,941	87	1,035,921
15 Salt	0	0	860	0	0	18,226	49,253	0	68,339
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	262	367	5,267	0	1,166	4,517,520	2,028,084	6,552,666
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	38	1,423	5,575	1,031	1,539	18	2,980	1,149	13,752
20 Iron ores and concentrates	0	0	0	0	0	0	20	0	20
21 Copper ores and concentrates	0	0	0	0	0	0	0	0	0
22 Nickel ores and concentrates	0	25	0	0	0	0	0	0	25
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	452	4,343	4,795
26 Coal	0	0	246,108	0	0	170,662	2,877,773	0	3,294,543
27 Gasoline and aviation turbine fuel	0	36	4,562	25,914	0	49,355	200,600	0	280,467
28 Fuel oils and crude petroleum	0	0	50,956	77,053	2,440	283,138	910,640	380,721	1,704,947
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	18,264	50,747	52,746	11,129	72,794	159,349	99,295	1,219,796	1,684,121
30 Coal coke and petroleum coke	0	76,142	0	0	0	5,816	637,302	97,785	817,044
31 Other refined petroleum and coal products	32	42,678	54,227	37,731	30,176	93,866	175,138	196,797	630,643
32 Sulphuric acid	0	0	808	451	8,561	33,236	28,133	7,722	78,911
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	3,736	111,808	576,696	26,801	55,457	176,725	1,670,154	1,118,047	3,739,423
35 Potash	0	177	0	0	0	0	0	19,132	19,309
36 Fertilizers (excluding potash)	26,240	44,858	199,051	567,871	518,757	230,958	197,620	1,643,580	3,428,933
37 Other chemical products and preparations	35	1,814	4,967	3,394	148	1,528	15,277	49,756	76,918
38 Plastic and rubber	18,519	117,323	159,944	20,036	19,838	137,822	202,731	1,646,632	2,322,845
39 Logs and other wood in the rough	105	154	43	107	0	3,502	2,000	224	6,135
40 Wood chips	0	0	98,427	0	0	0	6,123	7,052	111,601
41 Lumber	12,524	48,806	160,195	15,443	30	79	40,943	1,615,821	1,893,840
42 Other wood products (plywood, veneer)	15,251	124,316	139,334	7,978	245	3,476	72,836	1,559,175	1,922,611
43 Wood pulp	0	23,312	25,199	0	86	119,274	1,501,412	841,874	2,511,157
44 Newsprint	0	70	0	0	2,992	2,540	1,138	144,222	150,961

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
45 Paper and paperboard, except printed products	0	3,642	11,673	453	247	74	1,761	6,019	23,869
46 Cement	0	0	19,106	173,466	66,866	132,681	41,790	236,608	670,518
47 Other non-metallic mineral products	11,757	64,308	32,076	18,440	43,274	4,222	20,110	75,929	270,115
48 Iron and steel, primary or semi-finished	824	0	3,510	302	649	678	28,441	34,970	69,373
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	259	259
51 Other non-ferrous metal, primary or semi-finished	0	21,180	181	0	0	0	1,696	0	23,057
52 Articles of base metal	422	983	1,740	1,065	3,687	1,088	3,556	25,129	37,670
53 Machinery	1,638	909	575	5	0	279	964	1,009	5,378
54 Automobiles and mini-vans	14	1,996	3,203	47	0	3	768	0	6,030
55 Freight motor vehicles	59	509	0	0	0	0	0	0	568
56 Other vehicles	266	8,853	1,717	9	0	0	24	0	10,869
57 Parts and accessories for motor vehicles	0	27	1,038	0	0	0	125	187	1,377
58 Other transportation equipment	204	0	19	6,695	299	4,603	68	31,291	43,179
59 Metallic waste and scrap	0	2,603	3,781	6,562	202,458	22,024	92,759	68,911	399,097
60 Non-metallic waste and scrap	0	1,320	4,686	563	25	4,170	31,498	100,340	142,601
61 Other manufactured and miscellaneous goods	568	14,593	74,022	10,160	828	136	4,551	5,211	110,068
62 Pool car traffic of freight forwarder and ship associated	157	475	817	262	145	37	306	0	2,198
63 Mixed loads or unidentified freight	25,372	133,542	275,372	107,363	22,009	8,513	432,696	6,107	1,010,974
64 Less than carload shipments	0	0	31	84	68	0	0	0	183
Total tonnage of all rail commodities	145,250	1,035,415	2,891,926	1,242,630	1,089,083	2,739,207	19,478,043	13,907,346	42,528,901
Car type⁴									
Containers on flat cars (COFC)	42,401	489,111	658,508	212,660	60,217	11,213	884,633	113,809	2,472,550
Trailers on flat cars (TOFC)	1,234	5,985	15,021	583	3	32	2,171	39,148	64,176

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	10,524	95,090	4,998	0	0	110,612
02 Other cereal grains	0	320	3,748	51,622	132,440	21,342	8,533	844,416	1,062,421
03 Fresh, chilled or dried vegetables	51	182	370	0	68	0	2,511	0	3,182
04 Fresh, chilled or dried fruit and nuts	0	380	256	0	0	0	2,236	21	2,893
05 Colza seeds (canola)	0	0	64	152,793	363,605	10,868	0	7,246	534,576
06 Other oil seeds and nuts, other agricultural product	733	49	2,092	44	0	219	494	255	3,885
07 Animal feed and products	0	1,685	37,289	5,274	2,910	8,326	3,988	253,907	313,380
08 Meat, fish, seafood and preparations	921	392	1,178	0	0	0	90	0	2,580
09 Milled grain production and preparations, bakery products	0	1,482	7,576	7,571	2,683	3,066	1,092	14,574	38,044
10 Animal or vegetable fats, oils and flours	0	63	3,095	1,528	2,888	4,515	1,830	27,381	41,299
11 Sugar	204	1,198	5,342	0	0	0	32,750	61,739	101,232
12 Prepared food stuffs, not elsewhere classified	2,449	8,261	68,547	99	84	47	1,551	5,307	86,346
13 Alcoholic and non-alcoholic beverages	7,303	11,099	27,215	5,162	7	2,528	29,021	10,534	92,869
14 Sand, gravel and crushed stone	21	37,494	1,257	0	0	1,014,054	57,204	512,219	1,622,248
15 Salt	0	26	78	0	75,698	18,226	0	81	94,110
16 Phosphate rock	0	0	1,004,621	0	0	0	0	0	1,004,621
17 Sulphur	0	0	0	0	0	1,166	0	0	1,166
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	142	3,603	13,000	0	0	18	145,459	155,025	317,247
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	89	0	0	0	0	0	39	128
25 Other metallic ores and concentrates	0	0	0	0	0	0	0	21	21
26 Coal	0	0	121	0	0	170,662	33,092	5,358	209,233
27 Gasoline and aviation turbine fuel	0	51	0	78	0	49,355	229	2,563	52,275
28 Fuel oils and crude petroleum	0	230	79	0	16,838	283,138	7,935	1,706	309,927
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	0	0	1,696	468	159,349	1,551	38,152	201,216
30 Coal coke and petroleum coke	0	0	0	0	181	5,816	0	76,021	82,019
31 Other refined petroleum and coal products	61	6,666	130,589	367	0	93,866	14,906	204,628	451,083
32 Sulphuric acid	0	0	0	2,263	0	33,236	2,242	8	37,748
33 Alumina	0	4,530	1,532	0	0	0	0	5,811	11,873
34 Other basic chemicals	92	13,120	42,581	8,127	5,468	176,725	129,461	350,632	726,204
35 Potash	0	0	0	0	23,740	0	0	0	23,740
36 Fertilizers (excluding potash)	88	53	975	2,436	41,497	230,958	42	106,143	382,191
37 Other chemical products and preparations	274	3,394	20,873	504	0	1,528	1,508	65,750	93,829
38 Plastic and rubber	4,028	15,101	45,942	142	0	137,822	4,640	72,923	280,599
39 Logs and other wood in the rough	0	0	14	0	0	3,502	1,272	0	4,787
40 Wood chips	0	0	0	0	0	0	0	0	0
41 Lumber	190	7,903	6,403	0	0	79	57,174	8,604	80,352
42 Other wood products (plywood, veneer)	5,797	25,026	26,482	186	27	3,476	48,912	19,965	129,871
43 Wood pulp	0	0	0	0	87	119,274	4,804	16,643	140,808
44 Newsprint	0	404	95	3,342	0	2,540	25,774	236	32,391

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	
45 Paper and paperboard, except printed products	6,387	5,504	60,375	4,231	0	74	20,044	51,697	148,312
46 Cement	0	104	256	0	0	132,681	18,283	215,324	366,649
47 Other non-metallic mineral products	8,491	8,171	50,946	653	0	4,222	1,883	154,162	228,528
48 Iron and steel, primary or semi-finished	0	16,595	214,940	3,036	258,142	678	20,271	326,082	839,745
49 Copper, primary or semi-finished	0	54	149	0	0	0	82	0	285
50 Aluminum, primary or semi-finished	0	25	135	0	66	0	4,500	14,658	19,384
51 Other non-ferrous metal, primary or semi-finished	61,565	0	94	0	0	0	27,389	208	89,256
52 Articles of base metal	49	9,851	165,726	17	29,064	1,088	40,569	231,359	477,723
53 Machinery	3,457	1,124	1,992	186	0	279	2,445	20,348	29,831
54 Automobiles and mini-vans	6,396	4,895	73,415	27	0	3	9,105	76,996	170,837
55 Freight motor vehicles	0	14	66,591	0	0	0	2,756	121,771	191,132
56 Other vehicles	0	7,010	2,275	0	0	0	1,825	695	11,805
57 Parts and accessories for motor vehicles	0	0	31,917	0	0	0	608	659	33,183
58 Other transportation equipment	0	296	85	8	1,170	4,603	278	8,093	14,533
59 Metallic waste and scrap	0	269	41	77	12,507	22,024	21,880	4,521	61,318
60 Non-metallic waste and scrap	0	730	1,647	2,741	1,146	4,170	52,954	2,295	65,684
61 Other manufactured and miscellaneous goods	1,204	40,222	57,185	3,001	223	136	7,383	37,904	147,257
62 Pool car traffic of freight forwarder and ship associated	101	78,066	239,890	1,384	0	37	2,257	5,987	327,723
63 Mixed loads or unidentified freight	30,471	407,334	1,159,035	49,990	665	8,513	326,571	49,595	2,032,173
64 Less than carload shipments	0	8	148	0	0	0	380	18	554
Total tonnage of all rail commodities	140,472	723,071	3,578,253	319,106	1,066,763	2,739,207	1,181,763	4,190,278	13,938,913
Car type⁴									
Containers on flat cars (COFC)	46,637	574,189	1,496,424	61,600	1,043	11,213	389,466	148,366	2,728,938
Trailers on flat cars (TOFC)	1,081	3,029	25,138	1,516	35	32	3,886	41,959	76,676

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	5,121	0	113	0	35,477	0	40,711
02 Other cereal grains	0	46	17	132	6,166	8,533	16,925	1,097	32,916
03 Fresh, chilled or dried vegetables	70	11,017	12,652	888	133	2,511	1,495	17	28,783
04 Fresh, chilled or dried fruit and nuts	776	33,218	6,476	758	217	2,236	0	0	43,681
05 Colza seeds (canola)	0	0	0	0	0	0	27,963	0	27,963
06 Other oil seeds and nuts, other agricultural product	125	11,425	9,693	76	1,874	494	401	8,860	32,950
07 Animal feed and products	0	415	124	174	22	3,988	2,012	267	7,002
08 Meat, fish, seafood and preparations	590	40,330	9,045	179	51	90	0	243	50,527
09 Milled grain production and preparations, bakery products	52	1,632	1,755	778	131	1,092	0	7,428	12,867
10 Animal or vegetable fats, oils and flours	0	35	754	426	739	1,830	0	70	3,855
11 Sugar	0	36	2,918	3,556	0	32,750	0	19,112	58,371
12 Prepared food stuffs, not elsewhere classified	971	18,124	28,359	5,701	2,909	1,551	0	2,185	59,799
13 Alcoholic and non-alcoholic beverages	534	6,542	22,677	11,314	3,800	29,021	0	0	73,888
14 Sand, gravel and crushed stone	0	24	0	2,540	169	57,204	70,335	11,158	141,429
15 Salt	0	0	0	0	0	0	0	20	20
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	0	0	1,790	3,164	4,954
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	0	62	513	4	96	145,459	201,946	870	348,949
20 Iron ores and concentrates	0	0	0	0	0	0	0	0	0
21 Copper ores and concentrates	0	149,266	36,762	124,765	0	0	322,056	0	632,850
22 Nickel ores and concentrates	0	0	0	0	0	0	0	0	0
23 Lead ores and concentrates	0	470	0	0	0	0	44,634	0	45,103
24 Zinc ores and concentrates	0	0	0	0	0	0	49,635	0	49,635
25 Other metallic ores and concentrates	0	95,680	0	0	0	0	12,245	59	107,984
26 Coal	0	0	1,340,524	0	13,994	33,092	19,858,927	1,182,159	22,428,696
27 Gasoline and aviation turbine fuel	0	0	0	0	0	229	1,130	0	1,359
28 Fuel oils and crude petroleum	0	0	0	4,218	132	7,935	585	3,866	16,737
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	72	38	0	0	1,551	12,425	522	14,608
30 Coal coke and petroleum coke	0	0	0	0	0	0	0	0	0
31 Other refined petroleum and coal products	0	18	656	0	5,358	14,906	2,536	6,846	30,319
32 Sulphuric acid	0	0	5	5,643	0	2,242	41,517	59,251	108,657
33 Alumina	0	0	0	0	0	0	0	0	0
34 Other basic chemicals	13,242	19,178	19,270	15,044	690	129,461	112,932	75,785	385,602
35 Potash	0	0	0	0	0	0	0	5,162	5,162
36 Fertilizers (excluding potash)	0	226	676	7,690	1,458	42	9,764	54,022	73,878
37 Other chemical products and preparations	0	2,154	2,321	90	328	1,508	67	6,768	13,234
38 Plastic and rubber	139	7,906	16,772	762	947	4,640	733	9,487	41,387
39 Logs and other wood in the rough	502	113	7,469	5,055	2,343	1,272	43,707	11,116	71,577
40 Wood chips	0	20	21	40	0	0	1,123,969	3,023	1,127,072
41 Lumber	28,460	93,194	325,217	22,473	859	57,174	210,735	4,086,652	4,824,764
42 Other wood products (plywood, veneer)	27,713	152,678	158,087	12,021	1,029	48,912	90,040	306,588	797,067
43 Wood pulp	52,268	11,854	76,002	0	136	4,804	1,179,909	684,968	2,009,942
44 Newsprint	0	485	1,336	0	316	25,774	0	43,413	71,325

See footnotes at the end of the table.

Table 14-13 – continued

Rail transportation — Commodity movements from British Columbia

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	220	17,363	38,006	5,317	1,805	20,044	12,936	295,480	391,170
46 Cement	0	9	0	7,826	1,486	18,283	54,193	4,204	86,002
47 Other non-metallic mineral products	311	5,522	46,078	102	0	1,883	8,783	12,849	75,528
48 Iron and steel, primary or semi-finished	24	444	1,815	1,218	770	20,271	44	1,979	26,564
49 Copper, primary or semi-finished	0	26	0	0	0	82	0	0	108
50 Aluminum, primary or semi-finished	0	2,902	1,484	0	0	4,500	0	10,379	19,265
51 Other non-ferrous metal, primary or semi-finished	163	6,102	2,579	435	0	27,389	9,596	99,074	145,337
52 Articles of base metal	1,050	13,555	29,305	1,348	204	40,569	177	35,064	121,272
53 Machinery	87	6,790	8,974	156	240	2,445	1,152	3,359	23,204
54 Automobiles and mini-vans	22,181	139,825	107,687	9,089	2,179	9,105	0	0	290,067
55 Freight motor vehicles	3,511	17,250	31,364	907	0	2,756	0	18	55,806
56 Other vehicles	0	649	469	0	0	1,825	0	734	3,677
57 Parts and accessories for motor vehicles	19	607	29,988	0	0	608	0	1,286	32,507
58 Other transportation equipment	657	2,556	3,630	253	65	278	1,732	224	9,394
59 Metallic waste and scrap	0	128	387	0	14,699	21,880	9,252	34,367	80,712
60 Non-metallic waste and scrap	0	4,617	1,723	93	0	52,954	0	38,507	97,893
61 Other manufactured and miscellaneous goods	501	12,128	22,189	2,293	143	7,383	211	13,807	58,654
62 Pool car traffic of freight forwarder and ship associated	113	6,059	6,957	639	93	2,257	130	105	16,352
63 Mixed loads or unidentified freight	15,735	1,355,761	2,286,222	105,705	34,802	326,571	131	770,325	4,895,253
64 Less than carload shipments	0	0	0	0	0	380	0	0	380
Total tonnage of all rail commodities	170,011	2,248,512	4,704,115	359,707	100,496	1,181,763	23,574,225	7,915,938	40,254,766
Car type⁴									
Containers on flat cars (COFC)	23,205	1,659,032	2,553,226	147,289	48,041	389,466	23	926,777	5,747,058
Trailers on flat cars (TOFC)	898	2,844	7,424	586	512	3,886	0	33,778	49,928

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	0	2,361	282,552	2,009,225	2,588,983	35,477	0	4,918,597
02 Other cereal grains	0	20	406	7,023	263,837	334,329	16,925	253,400	875,940
03 Fresh, chilled or dried vegetables	91	855	5,997	24,989	866,246	234,663	1,495	1,374	1,135,710
04 Fresh, chilled or dried fruit and nuts	0	440	154	0	0	0	0	149	743
05 Colza seeds (canola)	0	0	50,539	399,049	1,051,169	1,384,482	27,963	0	2,913,202
06 Other oil seeds and nuts, other agricultural product	86	17,756	73,568	13,637	34,317	15,326	401	1,180	156,272
07 Animal feed and products	221	3,968	20,467	25,695	120,345	316,950	2,012	148,238	637,895
08 Meat, fish, seafood and preparations	550	50,204	20,832	45,339	25	6,583	0	0	123,533
09 Milled grain production and preparations, bakery products	0	2,083	5,696	5,678	99,849	208,741	0	9,816	331,863
10 Animal or vegetable fats, oils and flours	0	359	4,618	38,905	194,865	451,929	0	39,023	729,699
11 Sugar	205	2,561	4,645	0	0	961	0	24,993	33,364
12 Prepared food stuffs, not elsewhere classified	405	16,641	47,593	13,762	1,174	11,722	0	3,867	95,164
13 Alcoholic and non-alcoholic beverages	3,663	5,558	22,171	1,367	0	32,986	0	2,265	68,011
14 Sand, gravel and crushed stone	0	13,523	91	0	0	19,941	70,335	3,865	107,754
15 Salt	0	0	44	0	64,082	49,253	0	18	113,396
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	63	0	0	4,517,520	1,790	0	4,519,373
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	107	44,397	7,533	1,149	5,294	2,980	201,946	18,211	281,617
20 Iron ores and concentrates	0	80	39	0	0	20	0	192,038	192,177
21 Copper ores and concentrates	0	0	0	0	0	0	322,056	0	322,056
22 Nickel ores and concentrates	0	0	18	0	0	0	0	0	18
23 Lead ores and concentrates	0	0	0	0	0	0	44,634	43,635	88,268
24 Zinc ores and concentrates	0	70,971	0	0	0	0	49,635	18	120,624
25 Other metallic ores and concentrates	0	177	0	0	0	452	12,245	562	13,435
26 Coal	0	0	213	0	0	2,877,773	19,858,927	21	22,736,934
27 Gasoline and aviation turbine fuel	0	3,498	0	345	0	200,600	1,130	0	205,574
28 Fuel oils and crude petroleum	0	82	247	0	0	910,640	585	92	911,645
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	0	0	0	0	0	99,295	12,425	0	111,720
30 Coal coke and petroleum coke	0	0	0	0	33,940	637,302	0	9,885	681,126
31 Other refined petroleum and coal products	0	1,602	41,867	0	0	175,138	2,536	2,957	224,099
32 Sulphuric acid	0	1,176	6,368	92	0	28,133	41,517	0	77,285
33 Alumina	0	2,821	225	0	0	0	0	136	3,182
34 Other basic chemicals	331	35,634	21,006	37,330	16,950	1,670,154	112,932	96,202	1,990,539
35 Potash	0	0	0	0	4,579,388	0	0	0	4,579,388
36 Fertilizers (excluding potash)	0	260	523	2,230	13,278	197,620	9,764	12,164	235,838
37 Other chemical products and preparations	0	6,532	8,947	19	0	15,277	67	11,411	42,252
38 Plastic and rubber	1,141	11,869	53,691	808	1,049	202,731	733	45,055	317,077
39 Logs and other wood in the rough	0	2,352	1,242	21	0	2,000	43,707	136	49,459
40 Wood chips	0	0	0	0	0	6,123	1,123,969	73	1,130,164
41 Lumber	0	17,112	10,213	399	0	40,943	210,735	1,718	281,120
42 Other wood products (plywood, veneer)	1,517	11,884	14,349	2,165	6,495	72,836	90,040	9,024	208,309
43 Wood pulp	0	2,336	65,569	54	278,722	1,501,412	1,179,909	15,183	3,043,185
44 Newsprint	0	1,928	1,399	778	0	1,138	0	3,327	8,568

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	
45 Paper and paperboard, except printed products	6,749	29,876	30,668	16,910	1,232	1,761	12,936	7,060	107,191
46 Cement	0	22	3,452	0	0	41,790	54,193	978	100,435
47 Other non-metallic mineral products	2,147	41,211	14,262	0	0	20,110	8,783	2,637	89,150
48 Iron and steel, primary or semi-finished	0	4,309	88,435	82	80,515	28,441	44	40,946	242,772
49 Copper, primary or semi-finished	0	0	160	0	0	0	0	0	160
50 Aluminum, primary or semi-finished	0	16,107	332	0	0	0	0	4,099	20,538
51 Other non-ferrous metal, primary or semi-finished	1,728	4,208	11,551	4,353	0	1,696	9,596	649	33,780
52 Articles of base metal	63	1,620	22,682	377	2,734	3,556	177	6,138	37,348
53 Machinery	813	1,209	1,852	2,907	1,391	964	1,152	3,554	13,841
54 Automobiles and mini-vans	12,178	4,687	57,758	264	79	768	0	52,021	127,753
55 Freight motor vehicles	0	27	34,894	12	0	0	0	31,547	66,480
56 Other vehicles	0	134	547	37	0	24	0	211	953
57 Parts and accessories for motor vehicles	0	105	81,283	192	13	125	0	394	82,112
58 Other transportation equipment	0	279	544	1,307	272	68	1,732	1,045	5,247
59 Metallic waste and scrap	0	749	4,449	2,107	640	92,759	9,252	4,979	114,934
60 Non-metallic waste and scrap	152	7,460	18,999	5,175	3,380	31,498	0	46,257	112,920
61 Other manufactured and miscellaneous goods	747	18,971	55,102	3,914	664	4,551	211	9,361	93,520
62 Pool car traffic of freight forwarder and ship associated	24	55,376	111,130	969	38	306	130	149	168,121
63 Mixed loads or unidentified freight	37,960	957,341	1,546,655	107,658	92,628	432,696	131	267,329	3,442,399
64 Less than carload shipments	0	0	25	132	0	0	0	20	178
Total tonnage of all rail commodities	70,878	1,472,368	2,577,471	1,049,782	9,823,835	19,478,043	23,574,225	1,429,406	59,476,006
Car type⁴									
Containers on flat cars (COFC)	48,689	1,308,940	2,040,339	203,416	273,251	884,633	23	310,015	5,069,305
Trailers on flat cars (TOFC)	0	1,357	20,867	1,056	363	2,171	0	9,882	35,696

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	117	211	5,394	0	410	0	0	844,163	850,295
02 Other cereal grains	37,920	268,659	128,019	9,301	182,418	844,416	253,400	915,386	2,639,519
03 Fresh, chilled or dried vegetables	1,522	31,557	23,361	265	843	0	1,374	3,516	62,438
04 Fresh, chilled or dried fruit and nuts	0	14,490	7,211	0	0	21	149	194	22,065
05 Colza seeds (canola)	0	0	13,181	0	622	7,246	0	0	21,049
06 Other oil seeds and nuts, other agricultural product	6,752	112,231	75,001	19	0	255	1,180	1,241,337	1,436,774
07 Animal feed and products	43,420	356,373	68,903	4,580	99,723	253,907	148,238	447,366	1,422,509
08 Meat, fish, seafood and preparations	4,351	5,537	8,773	0	0	0	0	371	19,033
09 Milled grain production and preparations, bakery products	9,509	31,050	253,427	485	11,547	14,574	9,816	268,666	599,073
10 Animal or vegetable fats, oils and flours	28,013	43,318	89,303	26,320	2,411	27,381	39,023	39,012	294,781
11 Sugar	7,151	69,506	81,467	125	2,913	61,739	24,993	31,312	279,206
12 Prepared food stuffs, not elsewhere classified	4,057	23,287	65,144	136	96	5,307	3,867	14,122	116,016
13 Alcoholic and non-alcoholic beverages	2,007	16,430	104,718	1,570	95	10,534	2,265	36,592	174,211
14 Sand, gravel and crushed stone	9,621	81,019	114,164	0	680	512,219	3,865	147,891	869,458
15 Salt	0	1,256	631	83	0	81	18	5,443	7,511
16 Phosphate rock	0	0	0	0	0	0	0	0	0
17 Sulphur	0	0	0	0	41	0	0	89	130
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	240,890	160,300	426,411	7,003	9,623	155,025	18,211	77,385	1,094,846
20 Iron ores and concentrates	0	27	431	0	9,227	0	192,038	0	201,724
21 Copper ores and concentrates	0	10,827	13,694	0	0	0	0	0	24,521
22 Nickel ores and concentrates	0	0	604	0	0	0	0	0	604
23 Lead ores and concentrates	2,941	0	0	0	0	0	43,635	0	46,576
24 Zinc ores and concentrates	0	0	86	0	0	39	18	0	143
25 Other metallic ores and concentrates	86	200	15,632	0	0	21	562	0	16,500
26 Coal	348	26,827	3,915	301,681	0	5,358	21	145	338,295
27 Gasoline and aviation turbine fuel	0	383	1,787	0	592	2,563	0	0	5,325
28 Fuel oils and crude petroleum	0	483	5,077	396	842	1,706	92	592	9,187
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	25,491	9,018	77,165	0	25,744	38,152	0	2,474	178,043
30 Coal coke and petroleum coke	0	182,180	13,050	0	434	76,021	9,885	259	281,828
31 Other refined petroleum and coal products	12,536	47,193	256,204	4,855	28,371	204,628	2,957	69,920	626,665
32 Sulphuric acid	16,599	33,150	52,092	0	7	8	0	0	101,855
33 Alumina	0	2,720	9,300	0	0	5,811	136	97	18,065
34 Other basic chemicals	72,586	497,743	1,304,034	40,549	80,124	350,632	96,202	144,386	2,586,257
35 Potash	0	0	1,343	0	6,121	0	0	28,448	35,911
36 Fertilizers (excluding potash)	26,985	75,876	311,810	138,387	206,380	106,143	12,164	6,837	884,582
37 Other chemical products and preparations	18,917	128,806	213,375	4,390	32,565	65,750	11,411	21,933	497,147
38 Plastic and rubber	82,094	300,235	769,126	19,389	12,751	72,923	45,055	93,286	1,394,858
39 Logs and other wood in the rough	56	439	6,491	0	0	0	136	17,595	24,717
40 Wood chips	0	5	125	0	0	0	73	188	390
41 Lumber	926	4,544	10,110	1,472	1,410	8,604	1,718	375,329	404,113
42 Other wood products (plywood, veneer)	1,630	18,165	21,356	308	20	19,965	9,024	308,196	378,664
43 Wood pulp	17,171	56,733	90,290	0	0	16,643	15,183	145,546	341,566
44 Newsprint	232	994	761	0	0	236	3,327	46,364	51,915

See footnotes at the end of the table.

Table 14-15 – continued

Rail transportation — Commodity movements from United States and Mexico

	Destination								Total tonnage for all destinations
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	2,929	94,424	259,282	14,051	3,543	51,697	7,060	628,704	1,061,690
46 Cement	0	29,158	5	0	1,538	215,324	978	0	247,002
47 Other non-metallic mineral products	1,382	48,370	101,041	1,145	50,058	154,162	2,637	27,082	385,876
48 Iron and steel, primary or semi-finished	17,325	92,096	296,528	4,699	85,939	326,082	40,946	34,618	898,233
49 Copper, primary or semi-finished	0	4,154	91	0	0	0	0	6,662	10,906
50 Aluminum, primary or semi-finished	0	2,148	14,521	60	0	14,658	4,099	0	35,486
51 Other non-ferrous metal, primary or semi-finished	0	3,319	582	215	1,243	208	649	0	6,216
52 Articles of base metal	2,532	28,917	20,529	1,398	13,436	231,359	6,138	5,145	309,453
53 Machinery	1,457	14,071	4,783	737	1,002	20,348	3,554	3,955	49,906
54 Automobiles and mini-vans	14,890	173,408	233,922	12,652	8,143	76,996	52,021	14	572,044
55 Freight motor vehicles	26,965	110,682	177,527	20,427	15,706	121,771	31,547	23	504,649
56 Other vehicles	15	1,524	491	50	0	695	211	151	3,135
57 Parts and accessories for motor vehicles	338	68,343	686,257	48	0	659	394	17,984	774,023
58 Other transportation equipment	5,849	5,912	4,284	46,021	5,456	8,093	1,045	12,597	89,257
59 Metallic waste and scrap	19,310	74,122	65,564	4,488	295,119	4,521	4,979	6,525	474,627
60 Non-metallic waste and scrap	0	141,051	189,083	1,834	260	2,295	46,257	61,963	442,743
61 Other manufactured and miscellaneous goods	317	26,250	26,215	1,155	550	37,904	9,361	16,658	118,409
62 Pool car traffic of freight forwarder and ship associated	0	277	475	0	0	5,987	149	0	6,888
63 Mixed loads or unidentified freight	348,536	952,839	322,204	5,641	801	49,595	267,329	8,541	1,955,486
64 Less than carload shipments	0	20	0	19	0	18	20	0	77
Total tonnage of all rail commodities	1,115,771	4,482,852	7,046,349	675,952	1,198,804	4,190,278	1,429,406	6,165,058	26,304,469
Car type⁴									
Containers on flat cars (COFC)	357,833	1,251,680	369,002	10,066	16,090	148,366	310,015	34,620	2,497,671
Trailers on flat cars (TOFC)	5,321	33,156	203,963	6,789	2,622	41,959	9,882	36,906	340,598

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	0	8,678	299,203	553,633	113,907	102,287	0	844,163	1,921,872
02 Other cereal grains	258	38,762	30,912	605,967	341,708	21,568	1,097	915,386	1,955,657
03 Fresh, chilled or dried vegetables	1,247	36,336	9,730	34,439	39,016	10,942	17	3,516	135,242
04 Fresh, chilled or dried fruit and nuts	0	66	298	0	0	0	0	194	558
05 Colza seeds (canola)	0	0	26	97,252	14,591	335	0	0	112,204
06 Other oil seeds and nuts, other agricultural product	0	1,662	33,820	36,226	37,939	1,429	8,860	1,241,337	1,361,272
07 Animal feed and products	325	2,316	61,492	22,223	19,330	303,719	267	447,366	857,038
08 Meat, fish, seafood and preparations	699	18,472	7,766	677	0	0	243	371	28,228
09 Milled grain production and preparations, bakery products	8,988	6,550	61,526	52,555	155,163	73,592	7,428	268,666	634,468
10 Animal or vegetable fats, oils and flours	965	270	32,457	369,684	327,889	141,992	70	39,012	912,340
11 Sugar	0	23,188	40,136	104	0	10,097	19,112	31,312	123,949
12 Prepared food stuffs, not elsewhere classified	0	6,456	15,476	58,827	416	51,647	2,185	14,122	149,129
13 Alcoholic and non-alcoholic beverages	4,633	13,770	33,433	285	0	15,774	0	36,592	104,488
14 Sand, gravel and crushed stone	17	62,193	383,459	0	0	87	11,158	147,891	604,806
15 Salt	0	18	72,568	0	22,657	0	20	5,443	100,706
16 Phosphate rock	0	0	2,680	0	0	0	0	0	2,680
17 Sulphur	26,700	21,053	9,298	89	175,200	2,028,084	3,164	89	2,263,677
18 Gypsum ³	x	x	x	x	x	x	x	x	x
19 Other non-metallic minerals	36,595	16,412	313,897	13,986	31,422	1,149	870	77,385	491,716
20 Iron ores and concentrates	0	0	1,869	0	0	0	0	0	1,869
21 Copper ores and concentrates	0	0	19	0	0	0	0	0	19
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	1,171	32,037	0	0	4,343	59	0	37,610
26 Coal	0	180	0	0	39,317	0	1,182,159	145	1,221,801
27 Gasoline and aviation turbine fuel	0	15,216	82	0	0	0	0	0	15,298
28 Fuel oils and crude petroleum	0	123,534	21,613	0	1,192	380,721	3,866	592	531,519
29 Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	233,975	46,728	1,172,158	83,013	89,902	1,219,796	522	2,474	2,848,567
30 Coal coke and petroleum coke	0	29	14,957	0	92,178	97,785	0	259	205,207
31 Other refined petroleum and coal products	0	19,053	361,402	261	382,508	196,797	6,846	69,920	1,036,786
32 Sulphuric acid	64,591	543,820	898,424	31,929	92	7,722	59,251	0	1,605,829
33 Alumina	0	298,146	9,171	0	0	0	0	97	307,414
34 Other basic chemicals	15,877	891,836	575,762	163,945	12,233	1,118,047	75,785	144,386	2,997,870
35 Potash	108,175	0	18,864	159,839	7,580,864	19,132	5,162	28,448	7,920,483
36 Fertilizers (excluding potash)	178	18,546	169,983	128,460	159,801	1,643,580	54,022	6,837	2,181,407
37 Other chemical products and preparations	0	45,506	187,814	20	0	49,756	6,768	21,933	311,796
38 Plastic and rubber	33,603	281,648	726,189	3,019	1,469	1,646,632	9,487	93,286	2,795,333
39 Logs and other wood in the rough	23,502	10,006	284,535	146,767	5,035	224	11,116	17,595	498,779
40 Wood chips	0	0	20,658	0	0	7,052	3,023	188	30,921
41 Lumber	566,032	1,706,757	1,159,617	130,402	174,181	1,615,821	4,086,652	375,329	9,814,792
42 Other wood products (plywood, veneer)	218,124	971,787	768,777	206,961	458,641	1,559,175	306,588	308,196	4,798,247
43 Wood pulp	273,603	410,755	1,245,432	3,836	155,520	841,874	684,968	145,546	3,761,534
44 Newsprint	248,507	1,566,743	884,672	74,924	0	144,222	43,413	46,364	3,008,846

See footnotes at the end of the table.

Table 14-16 – continued

Rail transportation — Commodity movements to United States and Mexico

	Origin								Total tonnage from all origins
	Atlantic ¹	Quebec	Ontario	Manitoba	Saskatchewan	Alberta ²	British Columbia	U.S. and Mexico	
45 Paper and paperboard, except printed products	603,078	1,054,576	204,997	39,809	39,388	6,019	295,480	628,704	2,872,051
46 Cement	0	384,640	536,850	0	0	236,608	4,204	0	1,162,303
47 Other non-metallic mineral products	33,588	64,779	85,107	31,313	0	75,929	12,849	27,082	330,646
48 Iron and steel, primary or semi-finished	451	297,020	621,158	20,092	66,691	34,970	1,979	34,618	1,076,978
49 Copper, primary or semi-finished	0	77,819	85,383	85,878	0	0	0	6,662	255,742
50 Aluminum, primary or semi-finished	0	1,302,181	40,655	0	0	259	10,379	0	1,353,473
51 Other non-ferrous metal, primary or semi-finished	27,013	138,220	2,860	24,523	0	0	99,074	0	291,690
52 Articles of base metal	217	15,923	95,115	17,224	80,199	25,129	35,064	5,145	274,014
53 Machinery	490	44,678	12,764	921	345	1,009	3,359	3,955	67,520
54 Automobiles and mini-vans	0	100	1,137,052	0	5	0	0	14	1,137,171
55 Freight motor vehicles	14	0	1,403,364	23	0	0	18	23	1,403,442
56 Other vehicles	0	46	191,828	999	0	0	734	151	193,757
57 Parts and accessories for motor vehicles	17	2,725	488,920	929	238	187	1,286	17,984	512,286
58 Other transportation equipment	279	12,439	53,556	5,855	2,545	31,291	224	12,597	118,785
59 Metallic waste and scrap	1,091	15,347	805,878	20,148	4,737	68,911	34,367	6,525	957,003
60 Non-metallic waste and scrap	1,007	85,215	72,038	8,947	5,470	100,340	38,507	61,963	373,486
61 Other manufactured and miscellaneous goods	312	27,178	62,037	35,169	0	5,211	13,807	16,658	160,370
62 Pool car traffic of freight forwarder and ship associated	46	384	122	0	0	0	105	0	657
63 Mixed loads or unidentified freight	451,353	1,714,088	198,811	17,143	4,075	6,107	770,325	8,541	3,170,443
64 Less than carload shipments	0	0	19	0	0	0	0	0	19
Total tonnage of all rail commodities	2,985,547	12,445,021	16,060,721	3,288,296	10,635,863	13,907,346	7,915,938	6,165,058	73,403,789
Car type⁴									
Containers on flat cars (COFC)	499,605	2,100,985	280,811	36,244	21,398	113,809	926,777	34,620	4,014,249
Trailers on flat cars (TOFC)	6,064	25,731	223,058	4,622	2,593	39,148	33,778	36,906	371,900

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	246	819	5,012	92	21	291	553	89	7,124
Car type³									
Containers on flat cars (COFC)	115	370	4,071	92	21	24	113	0	4,806
Trailers on flat cars (TOFC)	131	43	536	0	0	5	8	0	723

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	233	128,084	193,994	354,515	71,472	13,956	1,532	9,894	773,680
Car type³									
Containers on flat cars (COFC)	19	2,321	3,492	1,405	26	221	29	0	7,513
Trailers on flat cars (TOFC)	40	673	1,240	49	0	21	0	0	2,023

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 short line carriers that come into operation are able to provide meaningful data. For example, carriers that started operations during 2001 were not included and some others were only able to provide partial data.

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.

Variations in Mexico's origin and destination data over time are a result of improvements in the methodology, especially with respect to trade data between the United States and Mexico. It is probable that origin-destination traffic data from or to Mexico is underestimated.

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.