



Service Bulletin

Monthly Railway Carloadings

December 2006



Highlights

- Business edged down for Canadian railways last year in the wake of lower shipments in key sectors of the economy, especially wood and paper, and automobiles.
- Railway carriers loaded a total of 287.0 million metric tonnes of goods in 2006, down 0.5% from the record high of 288.5 million tonnes in 2005.
- The decline occurred despite strong a two-way flow of goods to and from Asian nations. Demand has been high from Asian countries for Canada's primary goods. In turn, China and its Asian neighbours have been emerging as suppliers of manufactured goods to the North American market.
- As a result, Canadian railways loaded more than 3.2 million rail cars and more than 1.8 million containers in 2006.
- Loadings directly related to the wood and paper industry fell by more than 6.5% in 2006, representing a total reduction of about 45,000 carloads. However, they still accounted for about 20% of all rail loadings across Canada.
- As well, loadings of commodities related to the automotive manufacturing sector showed signs of weakness. Parts and accessories for motor vehicles appeared most affected. Compared to 2005, loadings of these commodities fell from 35,360 carloads to 27,850, a 21.2% drop.
- Other major commodities such as coal and potash also dipped in 2006. Loadings of coal were down by 8.2%. Loadings of potash, phosphate rock and fertilizer, which are all strongly interrelated, generated 201,700 carloads last year. However, this was 36,000 fewer carloads than in 2005, a 15.1% decline.
- On the brighter side, the rail industry had a strong year in freight related to the agricultural and food sector. Thanks to strong loadings of wheat, and the highest ever loadings of colza and oil seeds, carloadings in 2006 were the second highest since 1999.
- Loadings of goods moved in multimodal containers also played an important part in last year's results. Canadian rail carriers reported loading about 3.1 million TEUs in 2006, an increase of 162,000 from 2005. This growth is expected to continue as more and more goods, even those traditionally moved in bulk, are often seen shipped in containers.
- Furthermore, 2006 set a new record high for traffic received from the United States. Compared to 2005, goods received from south of the border exceeded 28.6 million metric tonnes, up 1.4 million tonnes from previous year. This was twice the gain between 2004 and 2005.
- Finally, traffic received from Canadian connections, which could be described as an indicator of the level of interaction between railways, dropped by an unprecedented 7.7 million metric tonnes. This was, in part, a reflection of the fewer number of carriers operating Canada's railways.
- For 2006 as a whole, railways loaded 258.7 million metric tonnes of goods in the non-intermodal section, down 0.8% from 2005. The intermodal section totalled 28.3 million tonnes, up 3.0%.



- On a monthly basis, railways loaded a total of 22.7 million metric tonnes in December, down 7.9% from November, and a 3.8% decline from December 2005.
- Loadings of non-intermodal goods dropped 7.8% from November to 20.5 million tonnes. Intermodal loadings followed suit, declining 8.6%. These drops are typical for December and January.
- Freight coming from the United States, either destined or passing through Canada, showed little change from November, at 2.5 million tonnes.

Statistical tables

Table 1
Railway carloading statistics for non-intermodal traffic by commodity in Canada — Total

	December 2006		December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	19,079	1,741,085	16,800	1,519,193
Other cereal grains	3,993	318,163	5,864	461,945
Fresh, chilled or dried vegetables	1,969	174,720	2,141	189,601
Fresh, chilled or dried fruit and nuts	0	0	0	0
Colza seeds (canola)	6,146	495,240	6,555	518,361
Other oil seeds and nuts, other agricultural product	1,522	124,970	870	69,120
Animal feed and products	1,827	150,888	1,611	131,215
Meat, fish, seafood and preparations	0	0	0	0
Milled grain production and preparations, bakery products	998	78,690	979	76,761
Animal or vegetable fats, oils and flours	2,515	204,476	2,542	199,751
Sugar	339	29,609	423	37,086
Prepared food stuffs, not elsewhere classified	248	16,979	284	16,821
Alcoholic and non-alcoholic beverages	157	12,818	82	6,502
Sand, gravel and crushed stone	2,347	203,457	2,691	232,382
Salt	1,400	121,267	1,322	117,662
Phosphate rock	411	36,953	786	70,224
Sulphur	6,110	589,429	6,731	651,688
Gypsum	x	x	x	x
Other non-metallic minerals ¹	4,218	353,180	5,553	469,341
Iron ores and concentrates	31,947	2,945,884	30,990	2,849,878
Copper ores and concentrates	1,243	108,704	1,173	103,994
Nickel ores and concentrates	1,942	149,506	2,437	179,280
Lead ores and concentrates	215	16,579	223	17,196
Zinc ores and concentrates	796	65,891	795	68,675
Other metallic ores and concentrates	5,270	502,628	5,703	541,944
Coal	23,965	2,407,791	24,960	2,535,565
Gasoline and aviation turbine fuel	2,465	188,011	1,843	139,385
Fuel oils and crude petroleum	5,230	422,397	6,178	494,546
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	7,910	501,105	7,821	493,050
Coal coke and petroleum coke	2,172	140,133	2,099	150,290
Other refined petroleum and coal products	2,407	186,919	2,462	192,271
Sulphuric acid	2,145	192,552	2,250	201,139
Alumina	3,050	277,103	3,300	302,433
Other basic chemicals	6,958	609,408	7,854	683,124
Potash	13,435	1,309,679	11,256	1,102,449
Fertilizers (excluding potash)	4,253	350,566	3,708	310,411
Other chemical products and preparations	656	55,304	675	57,149
Plastic and rubber	4,075	356,669	3,709	318,030
Logs and other wood in the rough	1,999	111,671	3,196	187,234
Wood chips	5,210	318,156	5,444	319,116
Lumber	12,639	1,062,676	15,173	1,267,098
Other wood products (plywood, veneer)	5,548	438,814	6,669	511,213
Wood pulp	9,694	789,919	11,760	948,766
Newsprint	5,703	369,373	7,368	473,994
Paper and paperboard, except printed products	5,229	361,381	5,754	386,921
Cement	1,911	178,510	1,733	156,892
Other non-metallic mineral products	280	23,811	331	26,788
Iron and steel, primary or semi-finished	4,575	377,269	6,066	511,291
Copper, primary or semi-finished	542	44,392	333	28,012
Aluminum, primary or semi-finished	3,045	252,935	2,920	240,078
Other non-ferrous metal, primary or semi-finished	689	54,385	725	58,235
Articles of base metal	1,477	106,312	1,127	85,869
Machinery	156	6,662	97	4,548
Automobiles and mini-vans	7,927	136,946	7,873	137,908
Freight motor vehicles	7,390	132,140	8,228	145,437
Other vehicles	8	120	3	128
Parts and accessories for motor vehicles	1,532	41,933	2,561	73,015
Other transportation equipment	1,311	40,868	1,361	45,672
Metallic waste and scrap	2,350	181,638	3,226	249,927
Non-metallic waste and scrap	556	29,816	618	32,316
Other manufactured and miscellaneous goods	147	8,624	156	9,647
Pool car traffic of freight forwarder and ship associated	326	16,565	483	24,957
Mixed loads or unidentified freight	408	10,654	632	18,012
Less than carload shipments	...	7	...	18
Total non-intermodal traffic loaded ²	254,065	20,534,330	268,507	21,451,551

... not applicable

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 2
Railway carloading statistics for non-intermodal traffic by commodity in Canada — Eastern Division

	December 2006		December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	343	30,728	463	41,362
Other cereal grains	279	23,943	374	31,172
Fresh, chilled or dried vegetables	23	1,909	37	3,071
Fresh, chilled or dried fruit and nuts	0	0	0	0
Colza seeds (canola)	11	849	38	2,944
Other oil seeds and nuts, other agricultural product	169	14,083	139	10,387
Animal feed and products	711	55,783	708	56,862
Meat, fish, seafood and preparations	0	0	0	0
Milled grain production and preparations, bakery products	31	2,432	43	3,460
Animal or vegetable fats, oils and flours	274	21,397	255	19,257
Sugar	306	26,838	336	29,410
Prepared food stuffs, not elsewhere classified	34	2,969	28	2,468
Alcoholic and non-alcoholic beverages	108	8,913	41	3,137
Sand, gravel and crushed stone	714	59,646	1,051	86,730
Salt	601	52,977	759	67,553
Phosphate rock	411	36,953	786	70,224
Sulphur	122	11,027	119	10,595
Gypsum	x	x	x	x
Other non-metallic minerals ¹	3,920	326,528	5,131	432,355
Iron ores and concentrates	31,947	2,945,884	30,990	2,849,878
Copper ores and concentrates	593	51,042	433	38,153
Nickel ores and concentrates	1,939	149,262	2,437	179,280
Lead ores and concentrates	215	16,579	223	17,196
Zinc ores and concentrates	771	63,922	678	58,771
Other metallic ores and concentrates	5,245	500,455	5,670	539,026
Coal	2,214	189,793	1,439	132,525
Gasoline and aviation turbine fuel	1,844	140,664	1,419	106,957
Fuel oils and crude petroleum	2,654	212,274	3,917	311,276
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	3,825	246,675	3,702	235,120
Coal coke and petroleum coke	1,245	65,635	1,365	93,694
Other refined petroleum and coal products	1,080	81,473	1,021	76,750
Sulphuric acid	1,890	169,702	1,924	172,058
Alumina	3,050	277,103	3,300	302,433
Other basic chemicals	2,652	228,551	3,157	269,369
Potash	620	56,782	532	48,811
Fertilizers (excluding potash)	67	5,765	472	40,033
Other chemical products and preparations	607	51,437	582	50,021
Plastic and rubber	1,712	146,487	1,531	127,076
Logs and other wood in the rough	1,583	85,455	1,954	104,468
Wood chips	1,786	113,609	1,375	77,951
Lumber	3,006	250,330	3,763	307,819
Other wood products (plywood, veneer)	1,903	140,712	2,538	184,559
Wood pulp	3,084	241,795	3,789	296,011
Newsprint	5,054	324,133	6,328	402,207
Paper and paperboard, except printed products	4,116	282,507	4,563	304,917
Cement	980	91,122	948	85,777
Other non-metallic mineral products	127	11,014	178	13,859
Iron and steel, primary or semi-finished	4,055	333,523	5,427	456,099
Copper, primary or semi-finished	440	36,628	234	20,102
Aluminum, primary or semi-finished	3,026	251,472	2,883	237,080
Other non-ferrous metal, primary or semi-finished	208	17,464	286	23,900
Articles of base metal	543	39,707	562	41,024
Machinery	149	6,144	56	2,750
Automobiles and mini-vans	6,322	113,080	6,609	118,590
Freight motor vehicles	7,067	127,168	7,736	138,520
Other vehicles	8	120	3	128
Parts and accessories for motor vehicles	1,532	41,933	2,561	73,015
Other transportation equipment	1,016	28,591	1,168	37,268
Metallic waste and scrap	1,198	94,338	2,205	173,430
Non-metallic waste and scrap	212	14,722	216	14,342
Other manufactured and miscellaneous goods	52	3,675	71	4,518
Pool car traffic of freight forwarder and ship associated	325	16,534	472	24,477
Mixed loads or unidentified freight	383	10,302	535	15,054
Less than carload shipments	...	7	...	18
Total non-intermodal traffic loaded ²	120,402	8,952,545	131,560	9,677,294

... not applicable

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 3
Railway carloading statistics for non-intermodal traffic by commodity in Canada — Western Division

	December 2006		December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	18,736	1,710,357	16,337	1,477,831
Other cereal grains	3,714	294,220	5,490	430,773
Fresh, chilled or dried vegetables	1,946	172,811	2,104	186,530
Fresh, chilled or dried fruit and nuts	0	0	0	0
Colza seeds (canola)	6,135	494,391	6,517	515,417
Other oil seeds and nuts, other agricultural product	1,353	110,887	731	58,733
Animal feed and products	1,116	95,105	903	74,353
Meat, fish, seafood and preparations	0	0	0	0
Milled grain production and preparations, bakery products	967	76,258	936	73,301
Animal or vegetable fats, oils and flours	2,241	183,079	2,287	180,494
Sugar	33	2,771	87	7,676
Prepared food stuffs, not elsewhere classified	214	14,010	256	14,353
Alcoholic and non-alcoholic beverages	49	3,905	41	3,365
Sand, gravel and crushed stone	1,633	143,811	1,640	145,652
Salt	799	68,290	563	50,109
Phosphate rock	0	0	0	0
Sulphur	5,988	578,402	6,612	641,093
Gypsum	x	x	x	x
Other non-metallic minerals ¹	298	26,652	422	36,986
Iron ores and concentrates	0	0	0	0
Copper ores and concentrates	650	57,662	740	65,841
Nickel ores and concentrates	3	244	0	0
Lead ores and concentrates	0	0	0	0
Zinc ores and concentrates	25	1,969	117	9,904
Other metallic ores and concentrates	25	2,173	33	2,918
Coal	21,751	2,217,998	23,521	2,403,040
Gasoline and aviation turbine fuel	621	47,347	424	32,428
Fuel oils and crude petroleum	2,576	210,123	2,261	183,270
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	4,085	254,430	4,119	257,930
Coal coke and petroleum coke	927	74,498	734	56,596
Other refined petroleum and coal products	1,327	105,446	1,441	115,521
Sulphuric acid	255	22,850	326	29,081
Alumina	0	0	0	0
Other basic chemicals	4,306	380,857	4,697	413,755
Potash	12,815	1,252,897	10,724	1,053,638
Fertilizers (excluding potash)	4,186	344,801	3,236	270,378
Other chemical products and preparations	49	3,867	93	7,128
Plastic and rubber	2,363	210,182	2,178	190,954
Logs and other wood in the rough	416	26,216	1,242	82,766
Wood chips	3,424	204,547	4,069	241,165
Lumber	9,633	812,346	11,410	959,279
Other wood products (plywood, veneer)	3,645	298,102	4,131	326,654
Wood pulp	6,610	548,124	7,971	652,755
Newsprint	649	45,240	1,040	71,787
Paper and paperboard, except printed products	1,113	78,874	1,191	82,004
Cement	931	87,388	785	71,115
Other non-metallic mineral products	153	12,797	153	12,929
Iron and steel, primary or semi-finished	520	43,746	639	55,192
Copper, primary or semi-finished	102	7,764	99	7,910
Aluminum, primary or semi-finished	19	1,463	37	2,998
Other non-ferrous metal, primary or semi-finished	481	36,921	439	34,335
Articles of base metal	934	66,605	565	44,845
Machinery	7	518	41	1,798
Automobiles and mini-vans	1,605	23,866	1,264	19,318
Freight motor vehicles	323	4,972	492	6,917
Other vehicles	0	0	0	0
Parts and accessories for motor vehicles	0	0	0	0
Other transportation equipment	295	12,277	193	8,404
Metallic waste and scrap	1,152	87,300	1,021	76,497
Non-metallic waste and scrap	344	15,094	402	17,974
Other manufactured and miscellaneous goods	95	4,949	85	5,129
Pool car traffic of freight forwarder and ship associated	1	31	11	480
Mixed loads or unidentified freight	25	352	97	2,958
Less than carload shipments	...	0	...	0
Total non-intermodal traffic loaded ²	133,663	11,581,785	136,947	11,774,257

... not applicable

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 4
Railway carloading statistics for non-intermodal traffic by commodity in Canada (year to date) — Total

	January 2006 to December 2006		January 2005 to December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	227,767	20,652,100	192,779	17,347,294
Other cereal grains	50,337	3,963,059	57,590	4,548,664
Fresh, chilled or dried vegetables	30,057	2,675,275	29,630	2,618,729
Fresh, chilled or dried fruit and nuts	0	0	5	325
Colza seeds (canola)	76,989	6,138,031	54,698	4,312,828
Other oil seeds and nuts, other agricultural product	11,419	915,473	8,314	649,561
Animal feed and products	21,812	1,780,661	24,247	1,956,741
Meat, fish, seafood and preparations	3	46	32	2,049
Milled grain production and preparations, bakery products	12,916	1,026,712	12,907	996,527
Animal or vegetable fats, oils and flours	30,466	2,416,535	26,598	2,100,591
Sugar	5,103	447,255	5,640	495,843
Prepared food stuffs, not elsewhere classified	3,576	221,047	3,254	195,081
Alcoholic and non-alcoholic beverages	1,384	109,634	972	77,917
Sand, gravel and crushed stone	39,030	3,356,294	41,005	3,518,957
Salt	12,942	1,137,594	14,586	1,305,047
Phosphate rock	5,974	534,884	9,907	891,235
Sulphur	81,289	7,836,252	82,418	7,954,658
Gypsum	x	x	x	x
Other non-metallic minerals ¹	73,904	6,469,594	72,050	6,182,556
Iron ores and concentrates	368,334	33,976,341	352,032	32,331,099
Copper ores and concentrates	14,896	1,306,450	15,986	1,409,450
Nickel ores and concentrates	24,378	1,874,338	32,559	2,368,130
Lead ores and concentrates	2,896	223,283	2,653	205,021
Zinc ores and concentrates	8,957	763,241	9,435	807,063
Other metallic ores and concentrates	62,499	5,961,825	64,029	6,083,387
Coal	307,139	31,134,754	334,695	33,504,095
Gasoline and aviation turbine fuel	32,146	2,472,338	28,861	2,210,943
Fuel oils and crude petroleum	60,522	4,906,821	63,512	5,110,061
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	70,661	4,483,456	71,813	4,556,237
Coal coke and petroleum coke	24,897	1,712,302	24,163	1,567,380
Other refined petroleum and coal products	33,104	2,563,260	33,909	2,626,005
Sulphuric acid	30,523	2,725,300	27,357	2,443,758
Alumina	35,829	3,282,631	37,197	3,362,829
Other basic chemicals	90,440	7,921,788	92,558	8,062,316
Potash	140,017	13,555,903	168,555	16,223,649
Fertilizers (excluding potash)	55,719	4,651,652	59,187	4,971,358
Other chemical products and preparations	8,415	706,927	8,663	728,280
Plastic and rubber	49,096	4,247,837	47,797	4,115,100
Logs and other wood in the rough	37,622	2,151,071	48,647	2,850,768
Wood chips	66,849	4,010,775	70,251	4,219,781
Lumber	191,337	15,985,889	198,604	16,338,225
Other wood products (plywood, veneer)	84,868	6,635,347	83,588	6,322,243
Wood pulp	121,020	9,795,276	137,781	11,092,817
Newsprint	77,551	5,031,496	82,652	5,367,410
Paper and paperboard, except printed products	66,350	4,551,335	69,220	4,525,047
Cement	29,283	2,729,604	29,470	2,706,000
Other non-metallic mineral products	5,014	427,102	8,269	668,460
Iron and steel, primary or semi-finished	66,732	5,554,263	65,842	5,499,221
Copper, primary or semi-finished	5,412	455,362	4,438	373,612
Aluminum, primary or semi-finished	33,298	2,718,543	32,541	2,660,879
Other non-ferrous metal, primary or semi-finished	8,781	693,607	8,247	675,743
Articles of base metal	16,253	1,196,222	11,387	837,260
Machinery	1,185	45,810	1,268	48,096
Automobiles and mini-vans	102,134	1,767,570	103,289	1,805,403
Freight motor vehicles	82,279	1,468,449	87,380	1,536,681
Other vehicles	435	9,587	408	17,794
Parts and accessories for motor vehicles	27,850	786,611	35,360	1,018,465
Other transportation equipment	19,435	546,722	15,059	488,404
Metallic waste and scrap	37,590	2,882,667	34,854	2,669,774
Non-metallic waste and scrap	9,386	527,849	7,621	417,760
Other manufactured and miscellaneous goods	1,947	112,779	2,519	151,266
Pool car traffic of freight forwarder and ship associated	5,171	250,962	7,756	377,824
Mixed loads or unidentified freight	6,278	180,268	7,957	236,295
Less than carload shipments	...	164	...	278
Total non-intermodal traffic loaded ²	3,209,496	258,666,225	3,266,001	260,746,255

... not applicable

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1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 5
Railway carloading statistics for non-intermodal traffic by commodity in Canada (year to date) — Eastern Division

	January 2006 to December 2006		January 2005 to December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	5,755	515,142	6,568	585,502
Other cereal grains	2,855	237,868	2,898	235,705
Fresh, chilled or dried vegetables	463	38,650	517	42,159
Fresh, chilled or dried fruit and nuts	0	0	0	0
Colza seeds (canola)	713	56,131	284	22,322
Other oil seeds and nuts, other agricultural product	1,836	146,929	1,448	107,781
Animal feed and products	8,564	681,514	11,380	900,683
Meat, fish, seafood and preparations	2	9	0	0
Milled grain production and preparations, bakery products	525	41,778	678	54,280
Animal or vegetable fats, oils and flours	3,589	272,719	2,935	221,321
Sugar	4,146	363,295	4,385	385,060
Prepared food stuffs, not elsewhere classified	547	45,541	421	31,447
Alcoholic and non-alcoholic beverages	734	56,591	396	30,511
Sand, gravel and crushed stone	16,315	1,338,887	16,085	1,305,003
Salt	7,346	641,894	9,118	819,252
Phosphate rock	5,974	534,884	9,907	891,235
Sulphur	1,411	126,503	1,548	138,713
Gypsum	x	x	x	x
Other non-metallic minerals ¹	67,969	5,943,318	66,354	5,682,583
Iron ores and concentrates	368,334	33,976,341	352,032	32,331,099
Copper ores and concentrates	6,441	554,441	7,267	630,661
Nickel ores and concentrates	24,375	1,874,094	32,559	2,368,130
Lead ores and concentrates	2,896	223,283	2,605	200,861
Zinc ores and concentrates	7,589	651,889	8,512	729,837
Other metallic ores and concentrates	61,977	5,915,304	62,946	5,986,187
Coal	23,871	2,068,055	25,203	2,198,020
Gasoline and aviation turbine fuel	23,798	1,835,204	23,021	1,767,396
Fuel oils and crude petroleum	30,951	2,463,767	37,252	2,969,525
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	37,272	2,377,898	38,129	2,432,083
Coal coke and petroleum coke	15,318	965,986	16,116	953,052
Other refined petroleum and coal products	14,388	1,068,312	15,840	1,177,983
Sulphuric acid	26,511	2,367,704	24,207	2,163,464
Alumina	35,826	3,282,370	37,194	3,362,599
Other basic chemicals	34,772	2,973,224	35,940	3,055,010
Potash	8,108	744,765	11,011	1,006,524
Fertilizers (excluding potash)	2,572	226,560	4,875	424,657
Other chemical products and preparations	7,612	646,466	7,574	643,757
Plastic and rubber	22,293	1,862,128	22,356	1,871,567
Logs and other wood in the rough	25,778	1,387,570	30,417	1,627,206
Wood chips	16,815	1,034,344	16,358	1,020,370
Lumber	46,422	3,807,156	52,025	4,186,772
Other wood products (plywood, veneer)	32,093	2,398,934	31,031	2,200,554
Wood pulp	41,616	3,211,216	47,144	3,666,400
Newsprint	67,315	4,315,725	70,488	4,537,802
Paper and paperboard, except printed products	50,380	3,428,197	53,734	3,479,679
Cement	17,065	1,585,454	15,860	1,457,412
Other non-metallic mineral products	2,753	237,844	5,480	443,009
Iron and steel, primary or semi-finished	58,281	4,836,253	58,058	4,822,798
Copper, primary or semi-finished	4,338	374,175	3,341	286,837
Aluminum, primary or semi-finished	33,022	2,696,736	32,307	2,642,133
Other non-ferrous metal, primary or semi-finished	3,289	277,480	4,101	351,646
Articles of base metal	7,042	516,558	6,787	485,628
Machinery	970	35,081	893	29,532
Automobiles and mini-vans	82,524	1,470,780	84,461	1,528,226
Freight motor vehicles	76,769	1,385,475	82,406	1,465,540
Other vehicles	292	5,489	328	16,087
Parts and accessories for motor vehicles	27,850	786,611	35,350	1,017,907
Other transportation equipment	15,950	433,950	12,985	406,895
Metallic waste and scrap	22,850	1,788,950	21,547	1,686,858
Non-metallic waste and scrap	4,701	314,982	3,182	205,833
Other manufactured and miscellaneous goods	933	56,260	1,146	74,803
Pool car traffic of freight forwarder and ship associated	5,129	249,723	7,693	375,132
Mixed loads or unidentified freight	6,117	176,722	6,543	191,802
Less than carload shipments	...	164	...	278
Total non-intermodal traffic loaded ²	1,533,942	113,931,275	1,583,226	115,933,093

... not applicable

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 6
Railway carloading statistics for non-intermodal traffic by commodity in Canada (year to date) — Western Division

	January 2006 to December 2006		January 2005 to December 2005	
	Number of rail cars	Metric tonnes	Number of rail cars	Metric tonnes
Wheat	222,012	20,136,958	186,211	16,761,792
Other cereal grains	47,482	3,725,191	54,692	4,312,959
Fresh, chilled or dried vegetables	29,594	2,636,625	29,113	2,576,570
Fresh, chilled or dried fruit and nuts	0	0	5	325
Colza seeds (canola)	76,276	6,081,900	54,414	4,290,506
Other oil seeds and nuts, other agricultural product	9,583	768,544	6,866	541,780
Animal feed and products	13,248	1,099,147	12,867	1,056,058
Meat, fish, seafood and preparations	1	37	32	2,049
Milled grain production and preparations, bakery products	12,391	984,934	12,229	942,247
Animal or vegetable fats, oils and flours	26,877	2,143,816	23,663	1,879,270
Sugar	957	83,960	1,255	110,783
Prepared food stuffs, not elsewhere classified	3,029	175,506	2,833	163,634
Alcoholic and non-alcoholic beverages	650	53,043	576	47,406
Sand, gravel and crushed stone	22,715	2,017,407	24,920	2,213,954
Salt	5,596	495,700	5,468	485,795
Phosphate rock	0	0	0	0
Sulphur	79,878	7,709,749	80,870	7,815,945
Gypsum	x	x	x	x
Other non-metallic minerals ¹	5,935	526,276	5,696	499,973
Iron ores and concentrates	0	0	0	0
Copper ores and concentrates	8,455	752,009	8,719	778,789
Nickel ores and concentrates	3	244	0	0
Lead ores and concentrates	0	0	48	4,160
Zinc ores and concentrates	1,368	111,352	923	77,226
Other metallic ores and concentrates	522	46,521	1,083	97,200
Coal	283,268	29,066,699	309,492	31,306,075
Gasoline and aviation turbine fuel	8,348	637,134	5,840	443,547
Fuel oils and crude petroleum	29,571	2,443,054	26,260	2,140,536
Gaseous hydrocarbons, including liquid petroleum gas (LPG's)	33,389	2,105,558	33,684	2,124,154
Coal coke and petroleum coke	9,579	746,316	8,047	614,328
Other refined petroleum and coal products	18,716	1,494,948	18,069	1,448,022
Sulphuric acid	4,012	357,596	3,150	280,294
Alumina	3	261	3	230
Other basic chemicals	55,668	4,948,564	56,618	5,007,306
Potash	131,909	12,811,138	157,544	15,217,125
Fertilizers (excluding potash)	53,147	4,425,092	54,312	4,546,701
Other chemical products and preparations	803	60,461	1,089	84,523
Plastic and rubber	26,803	2,385,709	25,441	2,243,533
Logs and other wood in the rough	11,844	763,501	18,230	1,223,562
Wood chips	50,034	2,976,431	53,893	3,199,411
Lumber	144,915	12,178,733	146,579	12,151,453
Other wood products (plywood, veneer)	52,775	4,236,413	52,557	4,121,689
Wood pulp	79,404	6,584,060	90,637	7,426,417
Newsprint	10,236	715,771	12,164	829,608
Paper and paperboard, except printed products	15,970	1,123,138	15,486	1,045,368
Cement	12,218	1,144,150	13,610	1,248,588
Other non-metallic mineral products	2,261	189,258	2,789	225,451
Iron and steel, primary or semi-finished	8,451	718,010	7,784	676,423
Copper, primary or semi-finished	1,074	81,187	1,097	86,775
Aluminum, primary or semi-finished	276	21,807	234	18,746
Other non-ferrous metal, primary or semi-finished	5,492	416,127	4,146	324,097
Articles of base metal	9,211	679,664	4,600	351,632
Machinery	215	10,729	375	18,564
Automobiles and mini-vans	19,610	296,790	18,828	277,177
Freight motor vehicles	5,510	82,974	4,974	71,141
Other vehicles	143	4,098	80	1,707
Parts and accessories for motor vehicles	0	0	10	558
Other transportation equipment	3,485	112,772	2,074	81,509
Metallic waste and scrap	14,740	1,093,717	13,307	982,916
Non-metallic waste and scrap	4,685	212,867	4,439	211,927
Other manufactured and miscellaneous goods	1,014	56,519	1,373	76,463
Pool car traffic of freight forwarder and ship associated	42	1,239	63	2,692
Mixed loads or unidentified freight	161	3,546	1,414	44,493
Less than carload shipments	...	0	...	0
Total non-intermodal traffic loaded ²	1,675,554	144,734,950	1,682,775	144,813,162

... not applicable

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Includes loadings of gypsum.

2. Excludes goods transported in containers or trailers on flat cars.

Table 7
Railway carloading statistics for intermodal and non-intermodal traffic in Canada — Total

	December 2006			December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	20,534,330	.	.	21,451,551
Container-on-flat-car	136,280	237,339	2,145,165	132,701	228,407	2,118,383
Trailer-on-flat-car	5,160	.	69,665	5,351	.	78,120
Traffic received from United States connections	.	.	2,510,236	.	.	2,321,194
Total traffic carried	.	.	25,259,396	.	.	25,969,248
Container-on-flat-car included in receipts from United States connections	16,016	27,792	211,073	15,965	27,428	217,595
Trailer-on-flat-car included in receipts from United States connections	1,215	.	17,123	1,153	.	16,577
Traffic received from Canadian connections	.	.	3,829,344	.	.	3,981,494

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Table 8
Railway carloading statistics for intermodal and non-intermodal traffic in Canada — Eastern Division

	December 2006			December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	8,952,545	.	.	9,677,294
Container-on-flat-car	71,982	126,672	1,157,369	73,015	125,973	1,186,888
Trailer-on-flat-car	4,758	.	62,032	4,975	.	71,345
Traffic received from United States connections	.	.	694,111	.	.	693,920
Total traffic carried	.	.	10,866,057	.	.	11,629,447
Container-on-flat-car included in receipts from United States connections	4,349	8,783	51,199	5,001	9,792	61,124
Trailer-on-flat-car included in receipts from United States connections	74	.	1,396	215	.	3,176
Traffic received from Canadian connections	.	.	3,311,647	.	.	2,999,610

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Table 9
Railway carloading statistics for intermodal and non-intermodal traffic in Canada — Western Division

	December 2006			December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	11,581,785	.	.	11,774,257
Container-on-flat-car	64,298	110,667	987,796	59,686	102,434	931,495
Trailer-on-flat-car	402	.	7,633	376	.	6,775
Traffic received from United States connections	.	.	1,816,125	.	.	1,627,274
Total traffic carried	.	.	14,393,339	.	.	14,339,801
Container-on-flat-car included in receipts from						
United States connections	11,667	19,009	159,874	10,964	17,636	156,471
Trailer-on-flat-car included in receipts from						
United States connections	1,141	.	15,727	938	.	13,401
Traffic received from Canadian connections	.	.	517,697	.	.	981,884

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Table 10
Railway carloading statistics for intermodal and non-intermodal traffic in Canada (year to date) — Total

	January 2006 to December 2006			January 2005 to December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	258,666,225	.	.	260,746,255
Container-on-flat-car	1,752,384	3,062,544	27,358,331	1,675,181	2,900,727	26,561,822
Trailer-on-flat-car	72,736	.	979,386	79,827	.	1,210,031
Traffic received from United States connections	.	.	28,574,508	.	.	27,178,195
Total traffic carried	.	.	315,578,450	.	.	315,696,303
Container-on-flat-car included in receipts from						
United States connections	203,758	356,840	2,686,127	207,884	357,696	2,799,713
Trailer-on-flat-car included in receipts from						
United States connections	16,767	.	252,739	18,037	.	268,001
Traffic received from Canadian connections	.	.	43,515,302	.	.	51,253,311

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Table 11
Railway carloading statistics for intermodal and non-intermodal traffic in Canada (year to date) — Eastern Division

	January 2006 to December 2006			January 2005 to December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	113,931,275	.	.	115,933,093
Container-on-flat-car	948,083	1,666,058	15,264,544	911,210	1,576,177	14,887,453
Trailer-on-flat-car	66,857	.	873,654	75,145	.	1,121,890
Traffic received from United States connections	.	.	7,985,424	.	.	8,055,212
Total traffic carried	.	.	138,054,897	.	.	139,997,648
Container-on-flat-car included in receipts from United States connections	60,389	120,930	716,294	66,687	129,094	847,827
Trailer-on-flat-car included in receipts from United States connections	1,285	.	22,930	6,586	.	120,129
Traffic received from Canadian connections	.	.	35,623,249	.	.	39,356,399

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Table 12
Railway carloading statistics for intermodal and non-intermodal traffic in Canada (year to date) — Western Division

	January 2006 to December 2006			January 2005 to December 2005		
	Units	TEUs ¹	Metric tonnes	Units	TEUs ¹	Metric tonnes
Total non-intermodal traffic loaded	.	.	144,734,950	.	.	144,813,162
Container-on-flat-car	804,301	1,396,486	12,093,787	763,971	1,324,550	11,674,369
Trailer-on-flat-car	5,879	.	105,732	4,682	.	88,141
Traffic received from United States connections	.	.	20,589,084	.	.	19,122,983
Total traffic carried	.	.	177,523,553	.	.	175,698,655
Container-on-flat-car included in receipts from United States connections	143,369	235,910	1,969,833	141,197	228,602	1,951,886
Trailer-on-flat-car included in receipts from United States connections	15,482	.	229,809	11,451	.	147,872
Traffic received from Canadian connections	.	.	7,892,053	.	.	11,896,912

. not available for any reference period

1. Estimated numbers.

Note(s): Unit of measure "TEUs" means: twenty-foot equivalent units.

Methodology and concepts

The **Railway Carloadings (Monthly)** publication presents essential data for timely analysis of the Rail Transport Industry and its contribution to the Canadian economy. Approximately 40 rail carriers report each month on their total intermodal¹ and non-intermodal² traffic. For non-intermodal traffic, the carriers report the number of cars and tonnes by commodity of revenue-generating freight that they have loaded in Canada. For intermodal freight, the carriers report the number of units and tonnes for containers-on-flat-cars (C.O.F.C.) and trailers-on-flat-cars (T.O.F.C.), with no commodity detail. The carriers also report the total tonnage of revenue freight received from United States connections.

The total quantity of freight carried in Canada is the sum of the non-intermodal and intermodal freight loaded and the traffic received from U.S. connections. Additional information provided includes the number of units and tonnes of C.O.F.C. and T.O.F.C. received from U.S. connections and the total tonnes of cargo that the carriers received from other Canadian connections. This freight that is exchanged among Canadian based carriers is counted only once in the total quantity of freight moved as it is counted only when loaded. For intermodal freight, twenty-foot equivalent units (TEUs) are derived from the dimensions of the freight-laden containers. Empty containers are not included in these statistics.

The data are collected via questionnaires and electronic reports that are filed with Statistics Canada eight working days after the reference month. These questionnaires are captured and edited and the data are then aggregated to produce tables for all of Canada and the Eastern and Western divisions of Canada.³ Tables show the data for the reference month and the year-to-date. These year-to-date figures include revisions of data from previous months.

Users of **Railway Carloadings (Monthly)** current and historical data should be aware of a break in the continuity of these data. Starting with the January 1999 reference period, the commodities presented in the **Railway Carloadings (Monthly)** publication were modified to conform to the Standard Classification of Transported Goods (SCTG) and the number of carriers surveyed more than doubled from the eighteen carriers surveyed prior to 1999.

The additional carriers were primarily shortline carriers whose data were previously included with the data of mainline carriers. The change in commodity classes has had negligible impact on the reporting of bulk commodities (e.g., wheat, potash and coal) which represent the majority of the total number of cars and tonnes. However, the reporting of manufactured and miscellaneous goods has changed significantly.

Details of the commodities included in each SCTG class presented in **Railway Carloadings (Monthly)** are available upon request. For further information, please contact Transportation Statistics, Statistics Canada, Ottawa, Ontario, K1A 0T6 (tel.: 1-866-500-8400, Internet: TransportationStatistics@statcan.ca.)

1. *Intermodal traffic is freight carried in containers or truck trailers that are loaded onto flat cars.*

2. *Non-Intermodal traffic is freight carried in bulk or loaded in box cars.*

3. *The Eastern and Western Divisions, for statistical purposes, are separated by an imaginary line running from Thunder Bay to Armstrong, Ontario. Freight loaded at Thunder Bay is included in the Western Division while loadings at Armstrong are reported in the Eastern Division.*

Release date: February 2007

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 <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published

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