

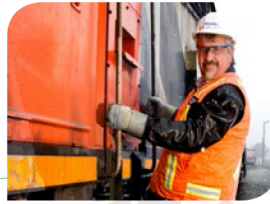


Transport
Canada

Transports
Canada



TRANSPORTATION IN CANADA 2016



Statistical Addendum

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Transportation and the Economy

Table EC1: Economic Indicators, 2016

	2016 (level)	2015 to 2016 (percentage change)	2011 to 2015 (CAGR)	Share of total GDP (percentage)
GDP at Basic Prices (millions of constant 2007 dollars)¹				
All industries	1,673,022	1.4	2.0	100.0
Goods-Producing Industries	485,482	(0.2)	1.6	29.0
Manufacturing	173,996	0.8	1.1	10.4
Mining, quarrying, and oil and gas extraction	131,653	(0.1)	1.7	7.9
Construction	116,620	(2.9)	2.4	7.0
Agriculture, forestry, fishing and hunting	26,851	2.4	3.4	1.6
Service-Producing Industries	1,187,540	2.1	2.2	71.0
Real estate and rental and leasing	219,290	3.0	3.1	13.1
Wholesale Trade	97,346	1.2	3.1	5.8
Retail trade	92,704	2.3	2.9	5.5
Transportation (core)	65,950	3.0	2.7	3.9
Air transportation	8,505	10.3	6.1	0.5
Rail transportation	6,851	(2.8)	4.3	0.4
Water transportation	1,482	0.6	3.2	0.1
Truck transportation	20,988	3.1	2.9	1.3
Urban transit systems	4,431	(0.8)	1.1	0.3
Taxi and limousine services	966	3.6	1.3	0.1
Other ground and sightseeing	2,111	0.3	1.1	0.1
Support activities for transportation	14,239	6.4	3.7	0.9
Postal service and couriers and messengers	6,377	(2.7)	(2.5)	0.4
Pipelines	6,192	4.9	2.9	0.4
Warehousing and storage	2,574	6.7	0.6	0.2
Transportation and warehousing (NAICS)	74,716	3.3	2.7	4.5
GDP at Basic Prices (millions of chained 2007 dollars)¹				
All industries	1,676,794	1.2	2.0	
Goods-producing sector	490,574	(0.8)	1.6	
Service-producing sector	1,186,876	2.1	2.2	
Transportation and Warehousing (NAICS)	74,709	3.0	2.9	
Air transportation	8,948	10.2	7.6	
Rail transportation	6,816	(2.6)	4.3	
Water transportation	1,531	1.1	3.3	
Truck transportation	21,249	2.7	3.1	
Real GDP (millions of 2007 chained dollars)²	1,795,559	1.4	1.9	
Merchandise Trade (Customs basis, millions of current dollars)³				
Exports	516,864	(1.4)	4.1	
Imports	533,302	(0.6)	4.7	
Services Trade (Balance of Payments basis, millions of current dollars)⁴				
Transportation services				
Receipts (exports)	16,319	4.6	3.5	
Payments (imports)	25,708	(0.5)	2.2	
Travel services				
Receipts (exports)	24,057	13.6	6.2	
Payments (imports)	38,563	0.1	4.0	
Tourism Indicators (Thousands of persons)⁵				
Canadian residents returning from abroad	52,979	(5.3)	(2.5)	
U.S. visitors to Canada	23,895	8.3	1.8	
Non-U.S. visitors to Canada	6,247	13.6	5.0	
Canadian Dollar, Foreign Exchange (U.S. cents per C\$)⁶	132.48	3.6	6.6	
Population (Thousands)⁷	36,286	1.2	1.1	
Employment (Thousands)⁸	18,080	0.7	1.0	

Table EC1 continues on the following page

Table EC1: Economic Indicators, 2016 (cont.)

	2016 (level)	2015 to 2016 (percentage change)	2011 to 2015 (CAGR)
Household Income and Consumption (current dollars)			
Household disposable income per capita ⁹	32,123	2.6	2.9
Household final consumption per capita (total) ¹⁰	31,738	2.0	2.6
Household final consumption per capita (transportation) ¹⁰	4,947	2.2	3.0
Price indices			
GDP implicit deflator (2007=100) ²	112.9	0.6	1.0
Terms of trade (2007= 100) ¹¹	84.4	(4.2)	(2.5)
Consumer Price Index (2002=100) ¹²			
All-items	128.2	1.4	1.4
Transportation	127.7	1.1	0.2

Notes: CAGR= Compound Annual Growth Rate. GDP= Gross Domestic Product.
NAICS= North American Industry Classification System. BOP= Balance of Payments.

Sources:

- 1 Statistics Canada, CANSIM Table 379-0031
- 2 Statistics Canada, CANSIM Table 380-0064
- 3 Transport Canada, adapted from Statistics Canada, International Trade Database
- 4 Statistics Canada, CANSIM Table 380-0070
- 5 Statistics Canada, CANSIM Table 427-0001
- 6 Simple annual average calculated using Bank of Canada monthly data via Statistics Canada CANSIM Table 176-0064
- 7 Statistics Canada, CANSIM Table 051-0005
- 8 Statistics Canada, CANSIM Table 282-0002
- 9 Derived from Statistics Canada, CANSIM Tables 380-0072 and 051-0005
- 10 Derived from Statistics Canada, CANSIM Tables 380-0085 and 051-0005. Includes transport insurance.
- 11 Statistics Canada, CANSIM Table 228-0063. Calculated based on merchandise trade, customs, unadjusted, Laspeyres basis.
- 12 Statistics Canada, CANSIM Table 326-0020

Table EC2: Transportation Sector GDP and GDP Shares by Province and Territory, 2013

	Transport Sector ¹ GDP (millions of current dollars)	Share of National Total	Transport Share of Overall Prov./Terr. GDP
Newfoundland and Labrador	756.1	1.2	2.3
Prince Edward Island	155.0	0.2	3.0
Nova Scotia	1,098.0	1.7	3.1
New Brunswick	1,325.9	2.1	4.6
Quebec	13,394.6	20.9	4.0
Ontario	22,855.9	35.7	3.5
Manitoba	2,582.0	4.0	4.5
Saskatchewan	1,911.4	3.0	2.4
Alberta	9,155.6	14.3	2.8
British Columbia	10,490.9	16.4	4.9
Yukon	72.5	0.1	2.8
Northwest Territories	218.9	0.3	5.0
Nunavut	55.1	0.1	2.4
Total	64,071.9	100.0	

Notes: GDP= Gross Domestic Product. Most recent GDP by industry and province data available as of February 3, 2017. Current dollar estimates.

1 Transport Sector, excluding both Pipelines and Warehousing

Source: Statistics Canada, CANSIM Table 379-0030

Table EC3: Aggregate Household Final Consumption Expenditures on Transportation, 2016

	<i>2016 (millions of current dollars)</i>	<i>Per cent share of transportation expenses</i>	<i>Per cent change (2015 to 2016)</i>	<i>CAGR (2011 to 2015)</i>
New and Used Transportation Equipment				
New passenger cars	18,186	10.1	(4.5)	2.9
New trucks, vans and sport utility vehicles	38,926	21.7	10.6	11.0
Used motor vehicles	15,746	8.8	7.5	6.7
Other vehicles	3,177	1.8	6.2	3.5
Subtotal	76,035	42.4	5.8	7.3
Fuels and lubricants	39,582	22.1	(2.0)	(0.9)
Repair and Maintenance (including parts)				
Spare parts and accessories for vehicles	15,751	8.8	4.8	2.8
Maintenance and repair of vehicles	10,172	5.7	3.7	3.9
Subtotal	25,923	14.4	4.4	3.2
Other Motor Vehicle Related Services				
Passenger vehicle renting	1,237	0.7	4.7	2.8
Insurance related to transport	7,448	4.1	2.3	5.9
Parking	3,017	1.7	4.9	5.8
Other services related to the operation of transport equipment	2,485	1.4	5.5	7.5
Subtotal	14,187	7.9	3.6	5.8
Commercial Transportation				
Urban transit	4,333	2.4	2.3	3.7
Railway transport	271	0.2	8.8	1.0
Interurban bus	1,200	0.7	(2.7)	1.6
Air transport	13,495	7.5	6.9	5.6
Water transport	467	0.3	6.4	2.7
Taxi and limousine	1,217	0.7	0.6	3.2
Other transport services	2,799	1.6	3.8	3.8
Subtotal	23,782	13.2	4.8	4.5
Transport (including insurance)	179,509	100.0	3.5	4.1

Note: CAGR= Compound Annual Growth Rate.

Source: Statistics Canada, CANSIM Table 380-0085

Table EC4: Volume of Goods in Domestic Trade, by Sector and Mode of Transport, 2006–2015

(Millions of tonnes)

Intraprovincial Movements									
<i>Year</i>	<i>Mode of Transport</i>				<i>Total</i>	<i>Modal Share in Per Cent</i>			
	<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>		<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>
2006	444.4	50.1	44.5	N/A	539.1	82.4	9.3	8.3	N/A
2007	452.5	51.0	42.2	N/A	545.6	82.9	9.3	7.7	N/A
2008	434.6	49.7	43.8	N/A	528.1	82.3	9.4	8.3	N/A
2009	383.8	40.8	36.1	N/A	460.8	83.3	8.9	7.8	N/A
2010	425.7	49.5	38.2	N/A	513.3	82.9	9.6	7.4	N/A
2011	447.8	52.6	40.7	N/A	541.1	82.8	9.7	7.5	N/A
2012	494.4	56.3	41.2	N/A	592.0	83.5	9.5	7.0	N/A
2013	518.3	56.6	41.5	N/A	616.4	84.1	9.2	6.7	N/A
2014 ^R	560.7	53.5	41.3	N/A	655.5	85.5	8.2	6.3	N/A
2015 ^P	N/A	53.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Interprovincial Movements									
<i>Year</i>	<i>Mode of Transport</i>				<i>Total</i>	<i>Modal Share in Per Cent</i>			
	<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>		<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>
2006	67.1	124.1	23.7	N/A	214.9	31.2	57.8	11.0	N/A
2007	68.0	122.6	25.5	N/A	216.1	31.5	56.7	11.8	N/A
2008	67.8	118.0	25.3	N/A	211.0	32.1	55.9	12.0	N/A
2009	66.9	115.5	18.0	N/A	200.4	33.4	57.7	9.0	N/A
2010	69.4	121.5	20.1	N/A	211.1	32.9	57.6	9.5	N/A
2011	72.4	125.0	21.5	N/A	218.9	33.1	57.1	9.8	N/A
2012	78.5	126.1	21.8	N/A	226.4	34.7	55.7	9.6	N/A
2013	74.6	120.4	22.0	N/A	217.0	34.4	55.5	10.1	N/A
2014 ^R	81.6	128.4	21.8	N/A	231.7	35.2	55.4	9.4	N/A
2015 ^P	N/A	132.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total Domestic Movements									
<i>Year</i>	<i>Mode of Transport</i>				<i>Total</i>	<i>Modal Share in Per Cent</i>			
	<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>		<i>For-Hire Trucking</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>
2006	511.5	174.2	68.2	0.5	754.5	67.8	23.1	9.0	0.1
2007	520.5	173.6	67.7	0.5	762.3	68.3	22.8	8.9	0.1
2008	502.4	167.6	69.1	0.6	739.7	67.9	22.7	9.3	0.1
2009	450.7	156.3	54.1	0.5	661.6	68.1	23.6	8.2	0.1
2010	495.1	170.9	58.3	0.6	724.9	68.3	23.6	8.0	0.1
2011	520.2	177.6	62.2	0.5	760.5	68.4	23.4	8.2	0.1
2012	572.9	182.4	63.0	0.5	818.8	70.0	22.3	7.7	0.1
2013	592.9	177.0	63.5	0.5	833.9	71.1	21.2	7.6	0.1
2014 ^R	628.3	181.9	63.1	0.5	873.8	71.9	20.8	7.2	0.1
2015 ^P	627.2	185.4	62.5	0.5	875.6	71.6	21.2	7.1	0.1

Notes: R= Revised data. P= Preliminary data. N/A= Not available.
Marine data for 2012–2015 is estimated.

Source: Transport Canada, adapted from Statistic Canada, various publications on transportation

Table EC5: Modal Shares in Canada's International Trade, 2007–2016

Canadian Exports (Millions of dollars)												
	<i>Total Exports¹</i>						<i>Share of Total (%)</i>					
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	
2007	450,321	180,322	74,340	81,756	40,700	73,203	40.0	16.5	18.2	9.0	16.3	
2008	483,488	169,823	71,067	96,256	43,398	102,944	35.1	14.7	19.9	9.0	21.3	
2009	359,754	136,918	49,029	71,632	40,071	62,104	38.1	13.6	19.9	11.1	17.3	
2010	399,300	145,641	61,664	81,603	43,309	67,083	36.5	15.4	20.4	10.8	16.8	
2011	446,707	152,464	67,483	99,368	47,511	79,881	34.1	15.1	22.2	10.6	17.9	
2012	455,171	157,384	73,115	98,063	46,880	79,729	34.6	16.1	21.5	10.3	17.5	
2013	471,947	161,872	77,142	94,971	49,558	88,404	34.3	16.3	20.1	10.5	18.7	
2014 ^R	526,773	184,666	80,376	98,602	55,003	108,127	35.1	15.3	18.7	10.4	20.5	
2015 ^R	524,049	211,854	83,639	93,338	59,054	76,163	40.4	16.0	17.8	11.3	14.5	
2016 ^P	516,864	223,718	81,859	89,201	58,192	63,894	43.3	15.8	17.3	11.3	12.4	

Canadian Imports (Millions of dollars)												
	<i>Total Imports²</i>						<i>Share of Total (%)</i>					
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	
2007	407,301	219,823	31,279	83,296	55,857	17,047	54.0	7.7	20.5	13.7	4.2	
2008	433,999	221,527	34,455	99,408	58,071	20,538	51.0	7.9	22.9	13.4	4.7	
2009	365,359	192,987	25,921	80,456	53,946	12,049	52.8	7.1	22.0	14.8	3.3	
2010	403,750	212,364	31,317	88,500	57,447	14,122	52.6	7.8	21.9	14.2	3.5	
2011	446,666	228,037	34,192	106,040	62,694	15,702	51.1	7.7	23.7	14.0	3.5	
2012	462,072	239,868	39,436	106,551	61,623	14,594	51.9	8.5	23.1	13.3	3.2	
2013	475,661	250,929	40,494	106,216	61,956	16,065	52.8	8.5	22.3	13.0	3.4	
2014 ^R	512,200	275,976	45,821	111,848	61,980	16,575	53.9	8.9	21.8	12.1	3.2	
2015 ^R	536,296	298,877	43,828	111,982	69,419	12,190	55.7	8.2	20.9	12.9	2.3	
2016 ^P	533,302	295,398	46,439	109,903	66,996	14,567	55.4	8.7	20.6	12.6	2.7	

Total Canadian Trade (Millions of dollars)												
	<i>Total Exports and Imports</i>						<i>Share of Total (%)</i>					
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	
2007	857,622	400,145	105,618	165,051	96,557	90,250	46.7	12.3	19.2	11.3	10.5	
2008	917,487	391,350	105,522	195,664	101,469	123,482	42.7	11.5	21.3	11.1	13.5	
2009	725,113	329,905	74,951	152,087	94,017	74,153	45.5	10.3	21.0	13.0	10.2	
2010	803,050	358,006	92,981	170,103	100,756	81,205	44.6	11.6	21.2	12.5	10.1	
2011	893,373	380,501	101,675	205,408	110,206	95,583	42.6	11.4	23.0	12.3	10.7	
2012	917,243	397,252	112,551	204,614	108,503	94,322	43.3	12.3	22.3	11.8	10.3	
2013	947,608	412,801	117,636	201,187	111,514	104,470	43.6	12.4	21.2	11.8	11.0	
2014 ^R	1,038,973	460,642	126,196	210,450	116,983	124,701	44.3	12.1	20.3	11.3	12.0	
2015 ^R	1,060,345	510,730	127,468	205,321	128,473	88,353	48.2	12.0	19.4	12.1	8.3	
2016 ^P	1,050,166	519,116	128,298	199,104	125,187	78,461	49.4	12.2	19.0	11.9	7.5	

Notes: R= Revised data. P= Preliminary data.

- For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.
- For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: *Transport Canada, adapted from Statistics Canada, International Trade Database*

Table EC6: Modal Shares in Canada-United States Trade, 2007–2016

Canadian Exports to the U.S. (Millions of dollars)											
	----- Total Exports ¹ -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
2007	355,610	174,299	72,255	20,770	15,559	72,727	49.0	20.3	5.8	4.4	20.5
2008	375,480	163,039	68,855	25,875	15,218	102,492	43.4	18.3	6.9	4.1	27.3
2009	270,090	130,907	47,665	17,140	13,194	61,184	48.5	17.6	6.3	4.9	22.7
2010	299,075	139,676	59,917	21,055	11,879	66,549	46.7	20.0	7.0	4.0	22.3
2011	328,975	148,051	65,646	23,561	12,236	79,482	45.0	20.0	7.2	3.7	24.2
2012	339,183	152,728	71,163	23,410	13,028	78,854	45.0	21.0	6.9	3.8	23.2
2013	357,915	157,099	75,015	23,575	14,464	87,761	43.9	21.0	6.6	4.0	24.5
2014 ^R	404,711	179,605	78,288	22,516	16,892	107,410	44.4	19.3	5.6	4.2	26.5
2015 ^R	402,173	206,385	81,181	19,174	19,824	75,610	51.3	20.2	4.8	4.9	18.8
2016 ^P	394,482	217,806	79,240	15,201	18,478	63,758	55.2	20.1	3.9	4.7	16.2

Canadian Imports from the U.S. (Millions of dollars)											
	----- Total Imports ² -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
2007	220,890	165,435	25,958	4,147	17,827	7,523	74.9	11.8	1.9	8.1	3.4
2008	227,246	163,624	28,830	8,347	18,056	8,389	72.0	12.7	3.7	7.9	3.7
2009	186,803	139,065	21,263	4,721	16,104	5,651	74.4	11.4	2.5	8.6	3.0
2010	203,389	151,318	25,123	5,788	14,903	6,257	74.4	12.4	2.8	7.3	3.1
2011	221,424	162,313	27,530	8,276	15,222	8,083	73.3	12.4	3.7	6.9	3.7
2012	233,889	172,139	31,063	8,118	14,947	7,622	73.6	13.3	3.5	6.4	3.3
2013	247,796	177,872	32,910	13,100	15,064	8,850	71.8	13.3	5.3	6.1	3.6
2014 ^R	278,510	191,932	36,342	19,936	17,307	12,993	68.9	13.0	7.2	6.2	4.7
2015 ^R	285,443	204,632	33,792	16,134	20,838	10,046	71.7	11.8	5.7	7.3	3.5
2016 ^P	278,268	199,924	37,325	8,640	19,387	12,992	71.8	13.4	3.1	7.0	4.7

Total Canada-U.S. Trade (Millions of dollars)											
	----- Total Exports and Imports -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
2007	576,500	339,734	98,213	24,918	33,386	80,250	58.9	17.0	4.3	5.8	13.9
2008	602,726	326,662	97,685	34,223	33,274	110,882	54.2	16.2	5.7	5.5	18.4
2009	456,894	269,972	68,928	21,861	29,298	66,835	59.1	15.1	4.8	6.4	14.6
2010	502,464	290,994	85,039	26,843	26,782	72,805	57.9	16.9	5.3	5.3	14.5
2011	550,400	310,364	93,176	31,837	27,458	87,565	56.4	16.9	5.8	5.0	15.9
2012	573,072	324,867	102,227	31,528	27,975	86,476	56.7	17.8	5.5	4.9	15.1
2013	605,711	334,971	107,925	36,675	29,529	96,611	55.3	17.8	6.1	4.9	16.0
2014 ^R	683,220	371,537	114,630	42,452	34,199	120,403	54.4	16.8	6.2	5.0	17.6
2015 ^R	687,616	411,017	114,973	35,308	40,662	85,656	59.8	16.7	5.1	5.9	12.5
2016 ^P	672,750	417,730	116,565	23,841	37,865	76,750	62.1	17.3	3.5	5.6	11.4

Notes: R= Revised data. P= Preliminary data.

- For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.
- For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table EC7: Modal Shares in Canada-Other Countries Trade, 2007–2016

Canadian Exports to Other Countries (excluding the U.S.)											
(Millions of dollars)											
	<i>Total Exports¹</i>						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
2007	94,711	6,023	2,085	60,986	25,142	477	6.4	2.2	64.4	26.5	0.5
2008	108,009	6,785	2,211	70,381	28,180	452	6.3	2.0	65.2	26.1	0.4
2009	89,663	6,011	1,364	54,492	26,877	920	6.7	1.5	60.8	30.0	1.0
2010	100,225	5,965	1,748	60,548	31,430	534	6.0	1.7	60.4	31.4	0.5
2011	117,731	4,413	1,837	75,807	35,276	398	3.7	1.6	64.4	30.0	0.3
2012	115,988	4,656	1,952	74,654	33,852	875	4.0	1.7	64.4	29.2	0.8
2013	114,032	4,773	2,126	71,396	35,094	643	4.2	1.9	62.6	30.8	0.6
2014 ^R	122,062	5,061	2,088	76,085	38,111	717	4.1	1.7	62.3	31.2	0.6
2015 ^R	121,876	5,469	2,458	74,165	39,230	553	4.5	2.0	60.9	32.2	0.5
2016 ^P	122,382	5,912	2,619	74,000	39,714	136	4.8	2.1	60.5	32.5	0.1

Canadian Imports from Other Countries (excluding the U.S.)											
(Millions of dollars)											
	<i>Total Imports²</i>						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
2007	186,411	54,388	5,321	79,148	38,030	9,524	29.2	2.9	42.5	20.4	5.1
2008	206,753	57,903	5,625	91,061	40,015	12,149	28.0	2.7	44.0	19.4	5.9
2009	178,556	53,921	4,659	75,735	37,842	6,398	30.2	2.6	42.4	21.2	3.6
2010	200,362	61,046	6,194	82,712	42,544	7,866	30.5	3.1	41.3	21.2	3.9
2011	225,242	65,724	6,662	97,764	47,472	7,619	29.2	3.0	43.4	21.1	3.4
2012	228,183	67,729	8,373	98,433	46,677	6,972	29.7	3.7	43.1	20.5	3.1
2013	227,865	73,057	7,585	93,116	46,892	7,215	32.1	3.3	40.9	20.6	3.2
2014 ^R	233,690	84,044	9,479	91,913	44,673	3,582	36.0	4.1	39.3	19.1	1.5
2015 ^R	250,854	94,244	10,037	95,848	48,581	2,144	37.6	4.0	38.2	19.4	0.9
2016 ^P	255,034	95,473	9,114	101,263	47,609	1,575	37.4	3.6	39.7	18.7	0.6

Total Canada-Other Countries Trade											
(Millions of dollars)											
	<i>Total Exports and Imports</i>						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
2007	281,122	60,411	7,406	140,134	63,171	10,000	21.5	2.6	49.8	22.5	3.6
2008	314,761	64,688	7,837	161,442	68,194	12,601	20.6	2.5	51.3	21.7	4.0
2009	268,219	59,932	6,023	130,226	64,719	7,318	22.3	2.2	48.6	24.1	2.7
2010	300,586	67,011	7,942	143,260	73,974	8,400	22.3	2.6	47.7	24.6	2.8
2011	342,973	70,137	8,499	173,571	82,748	8,017	20.4	2.5	50.6	24.1	2.3
2012	344,171	72,385	10,324	173,086	80,529	7,847	21.0	3.0	50.3	23.4	2.3
2013	341,897	77,830	9,711	164,512	81,985	7,858	22.8	2.8	48.1	24.0	2.3
2014 ^R	355,752	89,105	11,566	167,998	82,784	4,299	25.0	3.3	47.2	23.3	1.2
2015 ^R	372,729	99,713	12,495	170,013	87,811	2,697	26.8	3.4	45.6	23.6	0.7
2016 ^P	377,416	101,386	11,733	175,263	87,323	1,711	26.9	3.1	46.4	23.1	0.5

Notes: R= Revised data. P= Preliminary data.

1 For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.

2 For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table EC8: Canada–United States Trade, by Main Trade Flows, 2015–2016

(Millions of dollars)

<i>Canadian Region</i>	<i>U.S. Region¹</i>	<i>Exports</i>	<i>Imports</i>	<i>Total</i>	<i>Total</i>	<i>Percentage</i>	<i>Share of</i>	<i>Main Modes Used</i>
		<i>from</i> <i>Canada</i>	<i>to</i> <i>Canada</i>	<i>Trade</i> <i>2016^P</i>	<i>Trade</i> <i>2015^R</i>	<i>Change</i> <i>2016/15</i>	<i>Total (%)</i> <i>2016</i>	<i>(Per cent of total value)</i> <i>2016^P</i>
Ontario	Central	93,550	89,120	182,670	173,497	5.3	27.2	Road (77), Rail (18)
Ontario	South	34,172	53,149	87,321	83,504	4.6	13.0	Road (75), Rail (18)
Ontario	North-East	35,575	29,925	65,500	63,851	2.6	9.7	Road (87), Air (8)
Ontario	West	40,886	15,194	56,080	51,996	7.9	8.3	Road (48), Rail (40)
Alberta	Central	35,566	6,028	41,594	50,677	(17.9)	6.2	Pipeline (79), Rail (14)
Quebec	North-East	21,205	8,828	30,033	30,817	(2.5)	4.5	Road (78), Rail (8)
Manitoba and Saskatchewan	Central	10,984	13,731	24,715	28,071	(12.0)	3.7	Road (65), Rail (18)
Quebec	South	16,690	7,367	24,058	30,412	(20.9)	3.6	Road (55), Rail (20)
British Columbia	West	11,685	12,205	23,890	22,891	4.4	3.6	Road (69), Marine (10)
Alberta	West	15,653	4,250	19,903	22,748	(12.5)	3.0	Pipeline (47), Road (29)
Quebec	Central	13,912	4,540	18,451	18,454	(0.0)	2.7	Road (59), Air (17)
Alberta	South	12,612	5,329	17,941	20,354	(11.9)	2.7	Pipeline (46), Rail (31)
Atlantic provinces	North-East	13,686	1,761	15,447	16,964	(8.9)	2.3	Marine (56), Road (34)
Manitoba and Saskatchewan	South	4,696	6,062	10,758	11,432	(5.9)	1.6	Road (60), Rail (28)
Subtotal		360,872	257,489	618,361	625,669	(1.2)	91.9	
Other		33,610	20,779	54,389	61,946	(12.2)	8.1	
Total Canada/U.S.		394,482	278,268	672,750	687,616	(2.2)	100.0	Road (62), Rail (17)

Notes: R= Revised data. P= Preliminary data.

1 U.S. Central region includes states of Michigan, Ohio, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska and Kansas.

U.S. North-East region includes New England states and states of New York, Pennsylvania and New Jersey.

U.S. South region includes states from Atlantic to Gulf of Mexico.

U.S. West region includes states of New Mexico, Colorado, Arizona, Utah, Nevada, Wyoming, Idaho, Montana and the Pacific states.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table EC9: Canada's Exports and Imports, by Origin, Destination and Mode of Transport, 2016

(Millions of dollars)

<i>Total Exports¹</i> <i>Regions of Destination</i>	Origin³			<i>Main Modes Used</i> <i>(per cent of total value)</i>
	<i>Eastern Provinces</i>	<i>Western Provinces</i>	<i>Total 2016^p</i>	
United States	282,852	111,630	394,482	Road (55), Rail (20)
Other Regions	72,634	49,747	122,382	Marine (60), Air (32)
Asia	19,167	32,627	51,793	Marine (82), Air (17)
Western Europe	35,235	5,822	41,057	Air (60), Marine (39)
Latin America	9,392	5,448	14,840	Marine (42), Road (28)
Middle East	3,737	2,387	6,124	Marine (71), Air (22)
Africa	1,580	1,669	3,249	Marine (68), Air (29)
Eastern Europe	1,965	791	2,756	Marine (55), Air (41)
Oceania	1,526	993	2,519	Marine (45), Air (35)
Other	32	11	43	Marine (53), Air (46)
Total	355,486	161,377	516,864	

<i>Total Imports²</i> <i>Regions of Origin</i>	Destination³			<i>Main Modes Used</i> <i>(Per cent of total value)</i>
	<i>Eastern Provinces</i>	<i>Western Provinces</i>	<i>Total 2016^p</i>	
United States	219,289	58,979	278,268	Road (72), Rail (13)
Other Regions	211,162	43,872	255,034	Marine (40), Road (37)
Asia	91,430	27,088	118,518	Marine (44), Road (40)
Western Europe	54,923	7,122	62,045	Marine (48), Air (30)
Latin America	42,502	6,271	48,773	Road (57), Air (15)
Middle East	5,366	520	5,886	Marine (56), Air (31)
Eastern Europe	6,729	654	7,383	Marine (57), Air (22)
Africa	5,573	297	5,870	Marine (73), Road (11)
Other	3,046	828	3,874	Road (67), Air (31)
Oceania	1,593	1,093	2,686	Marine (50), Road (37)
Total	430,451	102,851	533,302	

Notes: P= Preliminary data.

- Total exports including domestic exports and re-exports. For exports, mode of transport information represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada.
- For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.
- Province of origin for exports. Province of clearance for imports as the final destination in unknown. Eastern provinces include the Atlantic provinces, Quebec and Ontario. Western provinces include the Prairie provinces, British Columbia, and the Territories (Yukon, Northwest Territories, and Nunavut).

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table EC10: Canada's Merchandise Trade – Top 25 Partners, 2015–2016

(Millions of dollars)

Countries	Total Exports	Ranking	Total Imports	Ranking	Total Trade 2016 ^P	Ranking	Country Share in %	Cumulative Share in %	Total Trade 2015 ^R	Percentage Change 2016/2015
United States	394,482	1	278,268	1	672,750	1	64.1	64.1	687,616	(2.2)
China, People's Republic	20,970	2	64,382	2	85,352	2	8.1	72.2	85,829	(0.6)
Mexico	7,629	5	33,180	3	40,808	3	3.9	76.1	37,848	7.8
Japan	10,721	4	15,800	5	26,521	4	2.5	78.6	24,553	8.0
United Kingdom	17,099	3	8,258	7	25,357	5	2.4	81.0	25,147	0.8
Germany	4,062	7	17,239	4	21,301	6	2.0	83.0	20,973	1.6
South Korea	4,369	6	10,604	6	14,972	7	1.4	84.5	12,260	22.1
Italy	2,340	12	7,540	8	9,880	8	0.9	85.4	9,649	2.4
France	3,418	9	5,978	9	9,396	9	0.9	86.3	9,940	(5.5)
India	3,958	8	4,038	13	7,996	10	0.8	87.1	8,253	(3.1)
Taiwan	1,585	18	5,080	10	6,665	11	0.6	87.7	6,915	(3.6)
Netherlands	2,820	11	3,664	16	6,484	12	0.6	88.3	6,992	(7.3)
Brazil	2,044	14	3,855	15	5,899	13	0.6	88.9	5,993	(1.6)
Switzerland	1,299	22	4,506	12	5,806	14	0.6	89.4	5,714	1.6
Vietnam	525	38	4,956	11	5,481	15	0.5	90.0	4,746	15.5
Belgium	3,133	10	2,215	21	5,348	16	0.5	90.5	5,304	0.8
Spain	1,785	17	2,355	20	4,140	17	0.4	90.9	3,470	19.3
Thailand	902	26	3,150	17	4,052	18	0.4	91.2	4,003	1.2
Australia	1,948	15	2,004	23	3,952	19	0.4	91.6	3,573	10.6
Canada ¹			3,871	14	3,871	20	0.4	92.0	3,964	(2.4)
Malaysia	706	32	2,593	18	3,299	21	0.3	92.3	3,427	(3.7)
Peru	764	29	2,458	19	3,223	22	0.3	92.6	4,118	(21.7)
Norway	1,520	19	1,586	33	3,107	23	0.3	92.9	3,566	(12.9)
Indonesia	1,447	20	1,620	31	3,067	24	0.3	93.2	3,487	(12.0)
Saudi Arabia	1,239	23	1,718	28	2,957	25	0.3	93.5	3,187	(7.2)
Other countries	26,099		42,383		68,482		6.5	100.0	69,817	(1.9)
Grand Total Trade	516,864		533,302		1,050,166		100.0		1,060,345	(1.0)
Total "Next 11"	18,380		57,719		76,099				69,145	10.1
Total APEC	452,170		433,885		886,055				896,670	(1.2)
Total BRIC	27,578		73,205		100,783				101,714	(0.9)
Total EU	39,863		60,913		100,776				99,255	1.5
Total OECD	463,454		414,683		878,138				884,258	(0.7)

Notes: R= Revised data. P= Preliminary data. EU= European Union. APEC= Asia-Pacific Economic Cooperation. OECD= Organisation for Economic Cooperation and Development.

BRIC: Brazil, Russia, India and China. Next 11: Bangladesh, Egypt, Indonesia, Iran, Mexico, Nigeria, Pakistan, Philippines, Turkey, South Korea and Vietnam.

1 Imports from Canada to Canada are goods that were produced in Canada, exported to another country, and returned to Canada for any number of reasons (e.g. wrong size, wrong colour, did not sell).

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table EC11: Visits by Canadians to All Countries, 2014–2015

	(Thousands of person-visits)						Percentage Change 2015/14	Per Cent of Total 2015
	Overnight		Same Day		Total			
	2014	2015	2014	2015	2014	2015		
United States	31,281	28,142	38,515	30,876	69,796	59,018	(15.4)	76.4
New York	3,946	3,368	8,813	7,016	12,759	10,384	(18.6)	13.4
Washington	3,193	2,750	9,919	7,432	13,112	10,182	(22.3)	13.2
Michigan	1,526	1,432	7,169	6,013	8,695	7,445	(14.4)	9.6
Florida	3,892	3,672	222	183	4,114	3,855	(6.3)	5.0
Maine	977	808	3,138	2,411	4,115	3,219	(21.8)	4.2
Other	17,747	16,112	9,254	7,821	27,001	23,933	(11.4)	31.0
Europe	5,626	6,125	1,369	1,219	6,995	7,344	5.0	9.5
United Kingdom	1,114	1,181	107	114	1,221	1,295	6.1	1.7
France	1,016	1,135	118	151	1,134	1,286	13.4	1.7
Germany	463	569	123	158	586	727	24.1	0.9
Italy	466	468	122	106	588	574	(2.4)	0.7
Spain	332	399	66	35	398	434	9.0	0.6
Netherlands	272	237	66	82	338	319	(5.6)	0.4
Switzerland	192	218	49	40	241	258	7.1	0.3
Ireland	260	235	2	0	262	235	(10.3)	0.3
Other	1,511	1,683	716	533	2,227	2,216	(0.5)	2.9
Africa	447	661	93	133	540	794	47.0	1.0
South Africa	95	124	1	9	96	133	38.5	0.2
Other	352	537	92	124	444	661	48.9	0.9
Asia and Oceania	2,192	2,756	277	185	2,469	2,941	19.1	3.8
China	367	480	11	3	378	483	27.8	0.6
Hong Kong	236	243	15	17	251	260	3.6	0.3
Australia	210	245	3	5	213	250	17.4	0.3
India	180	217	5	7	185	224	21.1	0.3
Thailand	89	109	22	23	111	132	18.9	0.2
Japan	105	111	51	20	156	131	(16.0)	0.2
Other	1,005	1,351	170	110	1,175	1,461	24.3	1.9
Caribbean	2,434	2,602	932	984	3,366	3,586	6.5	4.6
Cuba	844	800	0	0	844	800	(5.2)	1.0
Dominican Republic	519	479	36	41	555	520	(6.3)	0.7
Bahamas	224	216	116	140	340	356	4.7	0.5
Jamaica	174	221	57	66	231	287	24.2	0.4
Barbados	99	152	42	50	141	202	43.3	0.3
Other	574	734	681	687	1,255	1,421	13.2	1.8
Mexico, Central and South America	2,768	3,031	550	566	3,318	3,597	8.4	4.7
Mexico	1,876	1,905	208	228	2,084	2,133	2.4	2.8
Costa Rica	141	174	49	56	190	230	21.1	0.3
Belize	85	91	61	55	146	146	0.0	0.2
Other	666	861	232	227	898	1,088	21.2	1.4
Total non-U.S.	13,467	15,175	3,221	3,087	16,688	18,262	9.4	23.6
Grand Total	44,748	43,317	41,736	33,963	86,484	77,280	(10.6)	100.0

Notes: Including side trips from the United States.

In 2013, the International Travel Survey (ITS) implemented a major modernization initiative to improve the quality of its data and processes. Any historical data comparisons should be made with caution.

Source: Statistics Canada, International Travel Survey unpublished data

Table EC12: Canada - United States Travel, by Mode of Transport and by Purpose, 2015

(Thousands of person-trips)

	----- Same Day -----							----- Overnight -----			Trip Duration (Percentage)	
	Total	Primary Trip Purpose			Total	Primary Trip Purpose			Same Day	Overnight		
		Non-business	Business	Business		Non-business	Business	Total				
Canadian Residents												
Automobile	35,015	22,047	1,298	23,345	11,122	548	11,670	66.7	33.3			
Airplane	7,996	8	19	27	5,548	2,421	7,969	0.3	99.7			
Bus	878	284	12	296	559	23	582	33.7	66.3			
Rail	37	0	0	0	36	1	37	0.0	100.0			
Boat	179	3	0	3	170	6	176	1.7	98.3			
Other modes	301	30	1	31	258	12	270	10.3	89.7			
Total	44,406	22,372	1,330	23,702	17,693	3,011	20,704	53.4	46.6			
U.S. Residents												
Automobile	15,217	7,197	543	7,740	7,140	337	7,477	50.9	49.1			
Airplane	4,582	391	330	721	2,109	1,752	3,861	15.7	84.3			
Bus	814	446	0	446	350	18	368	54.8	45.2			
Rail	146	24	0	24	113	9	122	16.4	83.6			
Boat	937	421	3	424	496	17	513	45.3	54.7			
Other modes	362	15	19	34	293	35	328	9.4	90.6			
Total	22,058	8,494	895	9,389	10,501	2,168	12,669	42.6	57.4			
Canadian and U.S. Residents												
Automobile	50,232	29,244	1,841	31,085	18,262	885	19,147	61.9	38.1			
Airplane	12,578	399	349	748	7,657	4,173	11,830	5.9	94.1			
Bus	1,692	730	12	742	909	41	950	43.9	56.1			
Rail	183	24	0	24	149	10	159	13.1	86.9			
Boat	1,116	424	3	427	666	23	689	38.3	61.7			
Other modes	663	45	20	65	551	47	598	9.8	90.2			
Total	66,464	30,866	2,225	33,091	28,194	5,179	33,373	49.8	50.2			

Notes: In 2013, the International Travel Survey (ITS) implemented a major modernization initiative to improve the quality of its data and processes. Any historical data comparisons should be made with caution.

Source: Statistics Canada, International Travel Survey unpublished data

Table EC13: Overseas Travel, by Mode of Transport and by Purpose, 2015

(Thousands of person-trips)

	----- Same Day -----							----- Overnight -----			Trip Duration (Percentage)	
	Total	Primary Trip Purpose			Total	Primary Trip Purpose			Same Day	Overnight		
		Non-business	Business	Business		Non-business	Business	Total				
Canadian Residents												
Airplane	11,515	0	0	0	8,852	2,663	11,515	0.0	100.0			
Boat	41	2	0	2	38	1	39	4.9	95.1			
Total	11,556	2	0	2	8,890	2,664	11,554	0.0	100.0			
Foreign Residents¹												
Automobile	514	23	1	24	422	68	490	4.7	95.3			
Airplane	4,640	237	5	242	3,551	847	4,398	5.2	94.8			
Bus	126	6	1	7	95	24	119	5.6	94.4			
Rail	34	0	0	0	30	4	34	0.0	100.0			
Boat	114	28	0	28	81	5	86	24.6	75.4			
Other modes	69	5	0	5	54	10	64	7.2	92.8			
Total	5,497	299	7	306	4,233	958	5,191	5.6	94.4			
Canadian and Foreign Residents												
Automobile	514	23	1	24	422	68	490	4.7	95.3			
Airplane	16,155	237	5	242	12,403	3,510	15,913	1.5	98.5			
Bus	126	6	1	7	95	24	119	5.6	94.4			
Rail	34	0	0	0	30	4	34	0.0	100.0			
Boat	155	30	0	30	119	6	125	19.4	80.6			
Other modes	69	5	0	5	54	10	64	7.2	92.8			
Total	17,053	301	7	308	13,123	3,622	16,745	1.8	98.2			

Notes: In 2013, the International Travel Survey (ITS) implemented a major modernization initiative to improve the quality of its data and processes. Any historical data comparisons should be made with caution.

¹ Excludes U.S. residents

Source: Statistics Canada, International Travel Survey unpublished data

Table EC14: Employment in the Transportation Sector, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Transportation and related services										
Scheduled air transportation	55,611	53,217	55,621	54,993	55,928	59,395	61,606	63,207	62,583	64,451
Non-scheduled air transportation	12,826	12,746	12,434	11,832	11,670	11,815	12,031	12,053	12,490	11,867
Support activities for air transportation	22,968	23,988	24,442	24,409	26,584	28,050	28,201	29,722	30,775	30,916
Subtotal for Air	91,405	89,951	92,497	91,234	94,182	99,260	101,838	104,982	105,848	107,234
Marine shipping and support activities¹	19,247	18,149	15,094	18,535	19,486	18,967	22,745	23,846	21,699	22,594
Rail transportation	37,176	37,783	36,770	34,851	35,870	37,223	37,420	40,821	42,775	44,064
Support activities for rail transportation	3,009	2,738	2,839	2,792	2,615	2,620	2,947	3,727	4,039	4,370
Subtotal for Rail	40,185	40,521	39,609	37,643	38,485	39,843	40,367	44,548	46,814	48,434
Truck transportation	182,182	183,579	170,088	170,025	175,518	182,446	189,381	192,924	195,965	195,841
Support activities for road transportation	19,248	19,742	20,941	21,801	21,807	22,864	23,615	24,134	24,707	26,614
Post office plus private couriers and messengers ¹	117,286	126,116	116,943	120,269	116,022	122,898	117,681	108,672	107,673	110,238
Waste collection ²	9,942	9,998	10,737	11,037	10,576	12,373	12,849	13,953	15,110	15,702
Subtotal for Trucking and related activities²	328,658	339,435	318,709	323,132	323,923	340,581	343,526	339,683	343,455	348,395
Urban transit systems	55,756	55,849	56,575	57,378	58,794	59,540	61,309	60,918	61,396	63,124
School and employee bus transportation	32,413	32,922	32,867	32,607	31,487	32,230	32,825	33,487	33,433	33,779
Interurban and rural bus transportation	3,690	3,474	3,463	3,685	4,329	5,138	5,657	4,974	4,915	4,865
Charter bus industry	5,051	5,437	4,669	4,884	5,010	5,030	5,172	4,945	4,899	4,965
Other transit and ground passenger transportation	4,344	4,631	4,399	3,984	4,384	5,097	5,203	5,628	5,984	5,890
Subtotal for Buses and urban transit	101,254	102,313	101,973	102,538	104,004	107,035	110,166	109,952	110,627	112,623
Taxi and limousine service	12,058	12,218	11,704	11,572	11,952	11,880	11,727	11,708	11,425	10,994
Logistics and other freight support services	38,868	38,728	36,662	37,274	38,037	39,065	39,333	40,817	41,714	42,214
Travel arrangement and sightseeing services ^{1,2}	42,198	45,044	41,788	38,714	40,655	39,060	38,740	39,442	40,619	38,505
Subtotal for Arrangement and other support services²	93,124	95,990	90,154	87,560	90,644	90,005	89,800	91,967	93,758	91,713
Self-employment ¹	137,833	138,864	142,862	139,293	142,420	141,673	151,303	165,930	169,429	166,150
TOTAL - Transportation and related services	811,706	825,223	800,898	799,935	813,144	837,364	859,745	880,908	891,630	897,143
<i>NAICS Transportation and warehousing employment not included above:³</i>	<i>55,242</i>	<i>57,193</i>	<i>56,989</i>	<i>56,622</i>	<i>53,203</i>	<i>54,909</i>	<i>52,682</i>	<i>51,223</i>	<i>54,160</i>	<i>58,663</i>
Transportation manufacturing, commercial services and construction										
Aerospace product and parts manufacturing	45,188	46,238	43,710	43,286	44,324	46,440	47,613	49,303	47,259	45,683
Ship and boat building	7,566	7,587	6,906	6,580	6,045	6,457	6,480	6,482	6,876	7,233
Railroad rolling stock manufacturing	6,210	5,359	3,457	3,462	4,016	3,703	3,354	3,461	4,150	3,889
Motor vehicle manufacturing	47,481	42,172	35,617	37,188	37,401	37,207	38,880	40,161	41,417	43,209
Parts and other motor vehicle manufacturing	105,077	95,429	73,500	72,187	74,415	77,980	78,534	81,339	83,987	83,666
Other transportation equipment manufacturing	6,609	6,517	6,313	6,273	6,568	6,535	7,114	6,415	7,434	8,221
Subtotal for Transportation equipment manufacturing	218,131	203,302	169,503	168,976	172,769	178,322	181,975	187,161	191,123	191,901
Motor vehicle wholesalers	64,845	63,224	58,610	57,707	60,123	62,031	62,404	63,801	65,047	63,300
Motor vehicle retailers	183,801	188,469	182,873	182,626	185,202	189,159	196,118	204,593	207,295	210,853
Transport equipment rental and leasing ⁴	26,841	27,749	25,757	24,035	24,417	25,043	26,038	27,064	28,065	27,613
Gasoline stations	82,344	82,848	81,967	80,531	80,281	78,885	78,536	80,838	81,642	82,565
Automotive repair and maintenance	94,164	94,909	92,061	93,200	94,978	96,657	98,120	101,628	104,485	106,024
Subtotal for Transportation-related commercial services	451,995	457,199	441,268	438,099	445,001	451,775	461,216	477,924	486,534	490,355
Highway, street and bridge construction	57,885	58,606	57,954	56,552	57,187	59,563	57,812	56,302	54,850	54,441
TOTAL - Transportation manufacturing, commercial services and construction	728,011	719,107	668,725	663,627	674,957	689,660	701,003	721,387	732,507	736,697

Notes: NAICS= North American Industry Classification System.

Data for transportation-related local government employment are not collected.

1 Transport Canada estimate.

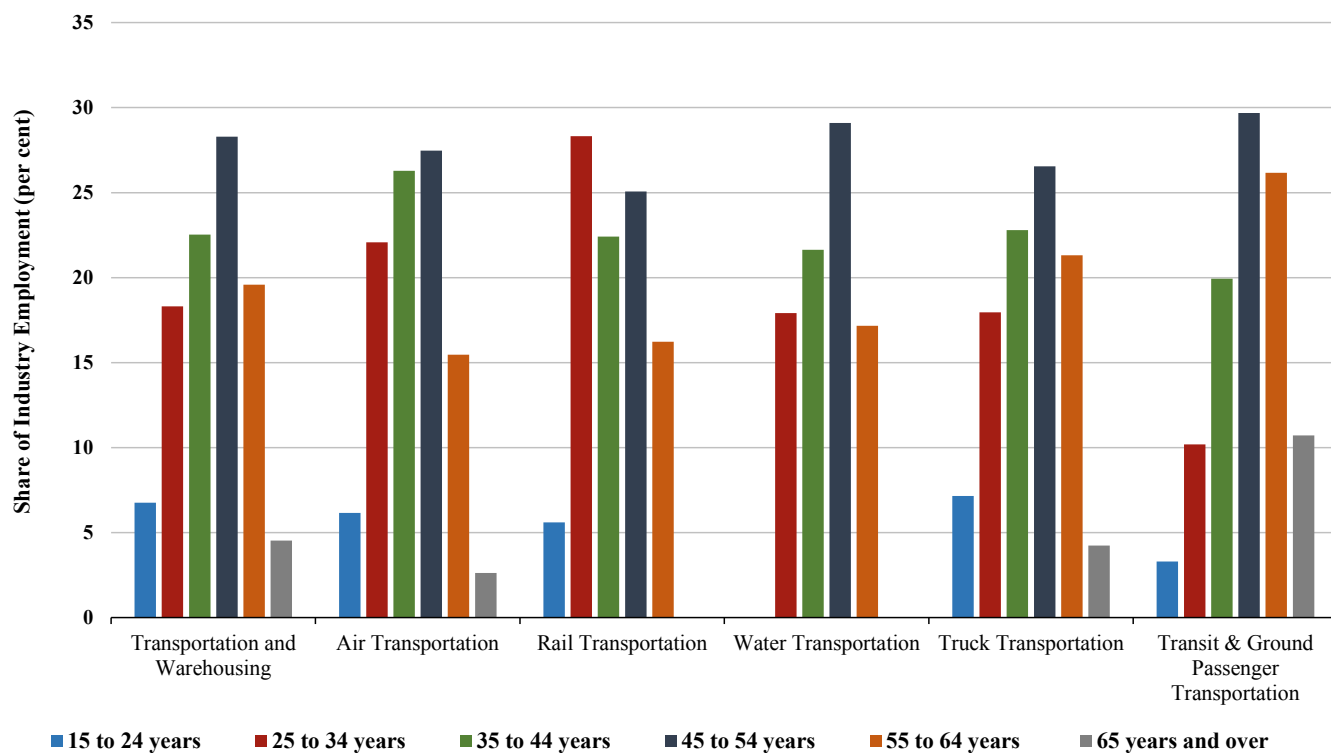
2 Includes employment from sectors outside of NAICS 48-49 Transportation and Warehousing.

3 Transport Canada estimate of paid and self-employment in the Pipeline and Warehousing industries.

4 Transport Canada estimate of transportation equipment segment of this industry.

Source: Transport Canada estimates derived from Statistics Canada, CANSIM Tables 281-0024 and 282-0012 and other sources

Figure EC15: Labour in Transportation Modes in Canada, by Age Range, 2016



Source: Statistics Canada, Labour Force Survey (LFS), custom tabulation

Table EC16: Average Weekly Earnings¹ by Selected Transportation Industries, 2007–2016

	(Current Dollars)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Transportation and Warehousing²	860	882	873	880	914	929	969	1,004	1,032	1,015
Air										
Scheduled air transportation	971	1,011	1,084	1,030	1,017	1,064	1,096	1,099	1,197	1,064
Non-scheduled air transportation	1,069	1,061	1,174	1,041	1,101	1,102	1,152	1,183	1,250	1,125
Support activities for air transportation	1,220	1,278	1,201	N/A	1,200	1,153	1,207	1,199	1,247	1,232
Marine										
Marine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Support activities for marine transportation	1,047	1,034	959	1,091	1,145	1,174	1,291	1,259	1,324	N/A
Rail transportation										
Rail transportation	1,146	1,173	1,194	1,256	1,292	1,376	1,355	1,311	1,505	1,427
Support activities for rail transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trucking										
General freight trucking	797	829	813	835	842	858	866	889	883	894
Specialized freight trucking	851	896	854	864	925	961	982	1,050	1,032	983
Support activities for road transportation	812	845	828	823	856	853	893	928	879	883
Postal service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Couriers and messengers	744	731	649	651	711	675	749	757	801	790
Waste collection	858	848	783	888	912	883	905	925	949	1,002
Buses and urban transit										
Urban transit systems	996	982	941	943	979	982	1,143	1,268	1,315	1,330
Interurban and rural bus transportation	786	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	903
School and employee bus transportation	482	510	522	531	518	522	523	545	551	539
Charter bus industry	579	574	583	N/A	589	589	N/A	N/A	N/A	N/A
Other transit and ground passenger transportation	486	503	530	555	552	N/A	N/A	N/A	556	585
Other transport-related industries										
Taxi and limousine service	389	428	N/A	413	420	439	430	N/A	473	459
Freight transportation arrangement	946	956	947	899	911	965	996	1,021	1,000	1,018
Other support activities for transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Travel arrangement and reservation services	698	730	709	736	778	771	735	764	N/A	837
Scenic and sightseeing transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Automotive repair and maintenance	670	696	741	731	750	760	781	806	800	832
Highway, street and bridge construction	1,017	1,055	1,119	1,129	1,185	1,262	1,342	1,363	1,357	1,335
Pipelines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Warehousing and storage	725	731	714	790	760	783	835	862	820	909

Notes: NAICS= North American Industry Classification System. N/A= Data not available.

1 Gross average weekly earnings, including overtime, before deductions, for employees paid by the hour and salaried employees paid a fixed salary. Self-employment earnings are not included.

2 Weighted average for NAICS Sector 48-49 "Transportation and Warehousing."

Source: Statistics Canada, CANSIM Table 281-0027

Table EC17: Labour Actions in the Transport Sector, by Mode, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Number of Stoppages										
Air ¹	0	0	1	1	3	2	2	2	1	0
Marine ^{1,2}	5	1	0	1	5	1	0	0	5	1
Rail ¹	4	0	2	0	1	3	0	0	3	0
Truck	1	0	1	1	2	0	0	0	2	1
Bus/transit ³	5	8	7	1	9	7	3	3	1	6
Taxi/limousine	0	0	1	1	1	1	0	1	1	0
Other ⁴	9	2	0	2	2	2	0	2	4	0
Total	24	11	12	7	23	16	5	8	17	8
Number of Workers Involved										
Air ¹	0	0	50	21	4,222	102	110	475	56	0
Marine ^{1,2}	139	18	0	830	418	17	0	0	285	250
Rail ¹	6,180	0	1,830	0	109	4,529	0	0	4,137	0
Truck	9	0	80	24	86	0	0	0	126	90
Bus/transit ³	3,281	12,012	3,314	100	906	1,591	168	549	48	596
Taxi/limousine	0	0	300	142	142	754	0	22	240	0
Other ⁴	704	2,257	0	458	48,100	131	0	75	249	0
Total	10,313	14,287	5,574	1,575	53,983	7,124	278	1,121	5,141	936
Person-days Not Worked										
Air ¹	0	0	700	380	17,440	9,280	14,980	25,280	40	0
Marine ^{1,2}	6,210	710	0	4,150	6,270	100	0	0	3,910	27,250
Rail ¹	92,520	0	6,980	0	14,400	54,450	0	0	22,990	0
Truck	10	0	240	340	610	0	0	0	3,060	960
Bus/transit ³	14,140	53,290	82,240	4,100	29,420	41,410	1,180	9,570	240	4,730
Taxi/limousine	0	0	22,280	3,140	12,440	18,320	0	770	21,590	0
Other ⁴	45,500	60,820	0	57,390	418,200	1,350	0	10,340	15,420	0
Total	158,380	114,820	112,440	69,500	498,780	124,910	16,160	45,960	67,250	32,940

Notes: R= Revised data. Transportation industries based on NAICS definition. NAICS= North American Industry Classification System.

1 Includes support activities.

2 Includes marine sightseeing.

3 Includes urban transit systems, interurban and rural bus transport, school buses, charter bus transport, land sightseeing and other transit and ground passenger transportation.

4 Includes freight forwarders, support services for ground transport, other sightseeing, pipelines, postal service, couriers and messengers, and warehousing.

Source: Transport Canada, adapted from Employment and Social Development Canada (ESDC) special tabulation

Table EC18: Average Crude Oil Prices - Canadian and U.S. \$ per Barrel, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Per cent change		
											2013/14	2014/15	2015/16
WTI (Cushing, Oklahoma) \$US/Bbl	72.27	99.59	61.63	79.43	95.00	94.19	97.98	93.00	48.80	43.32	(5.1)	(47.5)	(11.2)
WTI (Cushing, Oklahoma) \$CDN/Bbl	77.28	105.58	70.02	81.79	93.84	94.11	100.89	102.71	62.29	57.36	1.8	(39.4)	(7.9)
Brent (UK) \$US/Bbl	72.57	97.06	61.53	79.48	111.22	111.44	108.52	99.51	53.64	45.04	(8.3)	(46.1)	(16.0)
Brent (UK) \$CDN/Bbl	77.60	102.89	69.90	81.84	109.87	111.33	111.74	109.90	68.46	59.63	(1.6)	(37.7)	(12.9)
Western Canada Select \$CDN/Bbl	52.24	83.62	58.66	67.21	77.09	73.08	74.93	81.06	44.83	38.89	8.2	(44.7)	(13.2)
Hardisty (Bow River) \$CDN/Bbl	53.16	83.85	59.71	68.27	78.30	74.36	76.16	81.67	45.35	39.22	7.2	(44.5)	(13.5)
Exchange Rate \$US/\$Cdn	0.94	0.94	0.88	0.97	1.01	1.00	0.97	0.91	0.78	0.76	(6.8)	(13.5)	(3.6)

Notes: WTI= West Texas Intermediate. UK= United Kingdom.

Source: Sproule Associates Limited

Table EC19: Retail Price of Regular Road Gasoline and Diesel For Selected Cities, 2007–2016

	(Cents per litre)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Regular Gasoline										
St John's	111.3	123.7	102.2	110.7	129.1	132.6	129.9	131.4	109.6	114.5
Charlottetown	104.9	114.6	93.3	101.2	118.8	123.9	129.3	131.2	105.8	99.0
Halifax	107.3	117.8	96.2	105.8	125.4	131.4	131.2	131.1	105.9	99.1
Saint John	102.1	113.7	91.4	99.9	121.7	127.7	127.1	127.7	104.1	98.7
Montreal	105.8	118.2	98.3	108.3	130.5	136.9	137.9	137.5	115.7	108.0
Toronto	97.8	110.0	91.4	102.1	124.0	126.7	127.8	128.2	106.7	101.2
Winnipeg	101.5	114.6	93.5	97.2	114.0	117.9	120.5	117.5	97.1	92.5
Regina	105.5	117.7	96.7	102.0	121.6	122.2	120.1	120.7	100.4	92.0
Calgary	98.1	110.1	87.5	93.0	111.0	111.8	112.9	115.3	99.1	92.0
Vancouver	108.2	120.6	103.4	114.7	131.6	135.1	137.5	137.7	124.2	118.8
Canada¹	101.8	114.1	94.5	103.5	123.9	127.5	128.1	128.3	108.8	102.8
Road Diesel										
St John's	111.5	136.9	100.0	111.4	133.8	137.6	138.5	139.9	115.7	108.4
Charlottetown	103.9	128.5	92.5	101.8	123.2	127.2	137.7	141.2	114.0	103.1
Halifax	103.7	127.5	92.9	103.5	126.2	131.5	132.5	133.9	105.2	94.1
Saint John	106.0	131.4	95.3	104.8	128.8	134.2	135.5	137.2	111.1	101.9
Montreal	106.0	133.0	96.9	107.2	132.0	137.3	138.9	139.9	116.6	103.1
Toronto	96.0	121.3	89.0	101.8	127.9	125.2	125.8	130.7	107.8	93.8
Winnipeg	97.4	122.9	86.4	96.6	116.5	119.3	124.7	131.9	100.5	92.7
Regina	99.3	123.7	87.1	96.5	118.0	118.4	123.2	132.4	99.9	90.9
Calgary	96.1	120.4	82.5	91.3	113.4	113.6	118.5	127.7	99.6	90.5
Vancouver	104.5	129.9	95.5	111.1	132.1	138.6	141.9	145.7	122.1	111.9
Canada¹	100.0	125.1	89.6	100.9	124.5	125.4	128.5	134.1	109.2	97.7

Note:

- 1 Volume-weighted average calculated by M.J. Ervin, based on the volume of fuel sold in each selected city. Additional cities (not shown here) are included in the sample used to calculate the national average.

Source: Kent Group Ltd.

Table EC20: Price of Other Transportation Fuels, 2007–2016

	(Cents per litre)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Jet Fuel (Turbo) ¹	60.45	83.50	50.04	58.43	78.31	80.70	79.56	78.71	51.53	43.72
Aviation Gasoline ²	92.38	103.81	85.06	94.08	110.81	116.35	119.27	N/A	N/A	N/A
Marine Bunker ³	40.58	55.21	44.34	56.26	76.19	83.82	81.76	88.40	N/A	N/A
Rail Diesel (Proxy) ⁴	65.06	87.84	55.10	63.73	82.79	86.20	86.02	85.87	60.19	51.30

Notes: N/A= Not available.

Historical data has been updated according to the most recent sources.

- 1 U.S. Gulf Coast spot price converted to Canadian dollars.
 2 Average U.S. retail price converted to Canadian dollars, to which the Canadian federal excise tax was added (11.5¢ per litre).
 3 New York Harbor Residual Fuel Oil 1.0 % Sulfur LP Spot Price CIF, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.
 4 FOB Spot Price of No 2 Diesel Ultra-Low Sulfur Spot Price in New York Harbour, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.

Source: Transport Canada estimates based on U.S. Department of Energy data

Table EC21: Price and Output Indicators, Transport Industries, 2011-2015

	<i>Price Changes (Annual per cent change)</i>					<i>Output Changes (Annual per cent change)</i>				
	<i>2011/10^R</i>	<i>2012/11^R</i>	<i>2013/12^R</i>	<i>2014/13</i>	<i>2015/14</i>	<i>2011/10^R</i>	<i>2012/11^R</i>	<i>2013/12^R</i>	<i>2014/13</i>	<i>2015/14</i>
CN and CP										
Agriculture	3.9	5.2	8.1	0.8	3.4	0.8	2.4	(6.3)	21.3	1.4
Other Bulk	5.3	3.7	4.1	5.6	2.6	5.7	3.0	(1.2)	(7.3)	(1.9)
Other Commodities	4.7	4.8	3.9	7.2	2.9	4.4	9.6	6.9	8.0	(2.3)
Intermodal	5.3	2.3	0.9	2.9	(3.6)	0.9	5.1	2.6	4.5	3.1
Total Transportation Activities	4.8	3.9	3.7	4.5	1.1	3.0	5.7	1.8	6.2	(0.1)
Airline Industry										
Passenger	2.3	2.2	1.9	(0.4)	(3.6)	5.8	3.5	0.1	6.9	10.4
Freight	3.7	(1.9)	(4.5)	(4.6)	1.1	(3.8)	2.5	(0.7)	9.0	(1.1)
Total Transportation Activities	2.4	2.0	1.7	(0.5)	(3.5)	5.4	3.4	0.1	7.0	10.0
Business Carriers¹										
Freight	4.8	3.6	3.3	4.1	1.1	2.6	5.6	1.7	6.3	(0.1)
Passenger	2.3	2.2	1.9	(0.4)	(3.6)	5.8	3.5	0.1	6.9	10.4
Total Transportation Activities	3.4	2.8	2.5	1.6	(1.6)	4.4	4.3	0.8	6.6	5.7
VIA Rail										
Corridor	1.2	(0.7)	(5.1)	6.9	3.8	0.9	(1.9)	3.6	(1.4)	1.2
Long Haul	3.6	(3.8)	8.1	7.9	13.0	3.0	1.8	(15.7)	(5.1)	(4.2)
Remote-Regional	1.9	(2.8)	15.0	7.5	1.3	(10.0)	(15.8)	(1.0)	(29.9)	12.8
Total Transportation Activities	1.7	(1.5)	(2.0)	7.1	5.6	1.0	(1.5)	(1.0)	(2.9)	0.3
Transit										
Passenger	1.4	1.9	4.4	3.0	3.1	4.8	1.4	1.1	1.0	(0.5)
Public Carriers										
Total Transportation Activities	1.4	1.7	3.9	3.3	3.3	4.5	1.2	0.9	0.8	(0.5)
All Carriers Listed Above										
Total Transportation Activities	3.1	2.6	2.7	1.8	(1.0)	4.5	3.9	0.8	5.8	4.9
Overall Economy	3.3	1.2	1.7	1.9	(0.8)	3.1	1.6	2.4	2.6	0.8

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

¹ CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' data

Table EC22: Efficiency Indicators, Transport Industries, 2009–2014

	<i>Productivity (Annual per cent change)</i>					<i>Unit Costs (Annual per cent change)</i>				
	2010/09 ^R	2011/10 ^R	2012/11 ^R	2013/12 ^R	2014/13	2010/09 ^R	2011/10 ^R	2012/11 ^R	2013/12 ^R	2014/13
CN and CP										
Labour	8.1	(4.6)	2.9	5.8	(0.1)	(2.4)	21.0	3.8	(3.8)	(0.1)
Fuel	1.2	5.1	(3.7)	3.4	1.2	11.8	23.4	4.2	0.4	5.1
Capital	9.2	(2.0)	6.1	(4.0)	4.6	(8.4)	(8.1)	(2.6)	4.2	(4.2)
Total	5.0	6.3	1.9	2.2	0.3	(0.8)	0.2	1.6	(0.5)	1.5
Airline Industry										
Labour	(14.5)	7.2	0.2	(1.1)	9.1	11.3	(0.3)	4.0	2.8	(6.8)
Fuel	(1.5)	2.6	1.1	1.4	3.9	13.5	24.1	1.6	(2.4)	(2.4)
Capital	6.1	11.3	4.5	(5.1)	0.8	(6.4)	(5.3)	(3.4)	0.1	1.7
Total	1.5	7.4	2.6	(1.6)	2.0	(0.4)	2.7	(1.0)	0.7	(0.7)
Business Carriers¹										
Labour	(4.2)	1.2	1.6	2.4	4.3	4.4	9.7	3.9	(0.7)	(3.4)
Fuel	(0.3)	2.9	0.0	2.2	2.9	13.0	23.9	2.3	(1.7)	(0.4)
Capital	7.4	5.6	5.1	(4.6)	2.3	(7.2)	(6.5)	(3.1)	1.8	(0.8)
Total	2.8	7.0	2.4	(0.3)	1.4	(0.5)	1.8	(0.1)	0.3	0.1
Via Rail										
Labour	2.5	2.0	0.6	5.7	(4.7)	0.8	16.9	1.6	0.4	(4.1)
Fuel	7.0	1.7	13.5	8.2	0.5	(16.6)	(11.2)	2.6	(0.6)	2.1
Capital	(5.2)	(3.1)	(4.9)	0.9	(4.1)	7.1	7.0	20.0	9.5	6.5
Total	(0.1)	2.6	0.4	2.1	(2.6)	1.3	5.5	4.2	3.0	0.3
Transit										
Labour	4.7	1.1	0.7	4.3	(5.0)	0.2	1.3	2.3	2.3	3.6
Fuel	5.9	1.6	2.1	(2.9)	(1.8)	(0.4)	13.2	1.0	6.2	3.3
Capital	(2.4)	(17.8)	(11.9)	(13.2)	(7.7)	2.1	5.6	4.8	6.0	6.4
Total	0.4	(4.0)	(1.5)	(2.7)	(5.6)	2.8	3.0	1.1	4.1	4.9
Total Transport										
Business Carriers	2.8	7.0	2.4	(0.3)	1.4	(0.5)	1.8	(0.1)	0.3	0.1
Public Carriers	0.4	(3.6)	(1.4)	(2.4)	(5.5)	2.7	3.1	1.3	4.0	4.6
Total	2.1	3.9	1.3	(0.9)	(0.6)	0.3	2.2	0.3	1.3	1.3

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

1 CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' data

Table EC23: Cost Structure of Transport Industries, 2011–2014

	<i>(Percentage of Total Costs)</i>											
	<i>Business Carriers¹</i>				<i>Public Carriers</i>				<i>Total Carriers</i>			
	2011 ^R	2012 ^R	2013 ^R	2014	2011 ^R	2012 ^R	2013 ^R	2014	2011 ^R	2012 ^R	2013 ^R	2014
Variable Costs	81.0	81.5	81.2	81.4	73.3	72.2	71.7	71.1	78.8	78.9	78.5	78.5
Labour	22.8	23.7	23.6	22.7	45.5	46.0	45.2	44.6	29.1	29.9	29.8	28.8
Fuel	25.6	26.1	25.6	25.5	6.7	6.7	6.9	6.8	20.3	20.8	20.2	20.2
Other	32.6	31.6	32.1	33.2	21.0	19.5	19.6	19.8	29.4	28.3	28.5	29.4
Capital Costs	19.0	18.5	18.8	18.6	26.7	27.8	28.3	28.9	21.2	21.1	21.5	21.5

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

1 CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' data

Table EC24: Financial Performance of Transportation Industries, 2009–2015

	(Millions of dollars)						
	2009	2010	2011	2012	2013	2014	2015
CN and CP – Canadian Operations							
Operating Revenues	8,378	9,406	10,132	11,100	11,704	12,945	13,090
Operating Expenses	6,779	7,549	7,955	8,501	8,631	9,274	8,456
Operating Profit (Loss)	1,599	1,857	2,177	2,599	3,073	3,670	4,634
Operating Ratio ¹	80.9	80.3	78.5	76.6	73.7	71.6	64.6
Regional Railways²							
Operating Revenues	228	288	354	355	385	379	219
Operating Expenses	194	218	227	251	251	235	145
Operating Profit (Loss)	34	70	128	104	134	143	74
Operating Ratio ¹	84.9	75.8	64.0	70.6	65.1	62.2	66.1
Short Line Railways³							
Operating Revenues ^R	328	368	362	348	373	449	396
Operating Expenses ^R	321	317	323	313	326	422	316
Operating Profit (Loss) ^R	7	51	39	35	47	27	80
Operating Ratio ^{1R}	97.7	86.1	89.2	90.0	87.5	94.0	79.7
Air Canada and Affiliates							
Operating Revenues ^R	9,032	10,097	10,953	11,409	11,636	12,458	13,062
Operating Expenses ^R	9,203	9,750	10,707	10,840	10,880	11,455	11,386
Operating Profit (Loss) ^R	(171)	346	245	568	756	1,003	1,676
Operating Ratio ^{1R}	101.9	96.6	97.8	95.0	93.5	91.9	87.2
WestJet							
Operating Revenues ^R	2,281	2,609	3,072	3,427	3,662	3,977	4,029
Operating Expenses ^R	2,071	2,362	2,815	3,052	3,263	3,501	3,460
Operating Profit (Loss) ^R	211	248	257	376	400	475	570
Operating Ratio ^{1R}	90.8	90.5	91.6	89.0	89.1	88.0	85.9
VIA Rail							
Operating Revenues	256	263	270	264	258	265	281
Operating Subsidies	226	261	261	279	308	317	280
Operating Expense	548	546	572	583	599	567	659
Operating Ratio ¹	214.5	207.8	211.8	220.6	231.7	214.0	234.7
Transit Industry							
Operating Revenues ^R	3,138	3,528	3,717	3,893	4,107	4,240	4,450
Operating Subsidies	3,018	3,342	3,554	3,593	3,843	4,044	4,176
Total Costs ^R	7,771	8,604	9,188	9,565	10,083	10,592	11,299
Cost Recovery Ratio ^{4R}	40.4	41.0	40.5	40.7	40.7	40.0	39.4

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

1 Operating Expenses divided by Operating Revenues.

2 Ontario Northland, Algoma Central, QNSL and BC Rail and Canadian connectors to U.S. railroads.

3 All other Class II railroads except carriers which provide incomplete information.

4 Operating Revenues divided by Total Costs.

Source: Transport Canada, based on Statistics Canada and carriers' data

Government Spending and Revenues on Transportation

Table G1: Summary of Transportation Expenditures and Revenues by Level of Government, 2006/07–2015/16¹

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Transport Canada										
Operating	1,453.1	768.2	830.1	884.3	882.9	873.6	753.9	826.5	923.4	942.5
Capital	71.3	72.7	66.2	106.6	84.4	69.2	58.2	75.6	124.1	119.2
Transfer payments	287.6	373.7	502.1	362.7	411.0	426.7	608.0	526.4	646.9	591.0
Gross expenditures	1,811.9	1,214.6	1,398.4	1,353.7	1,378.3	1,369.4	1,420.1	1,428.5	1,694.3	1,652.7
Licences and fees	4.6	7.3	7.5	5.3	5.0	4.8	4.0	3.9	3.0	1.5
User fees and other revenues	518.4	514.2	447.9	890.2	425.1	441.9	434.4	435.4	443.1	455.9
Total revenues	523.0	521.5	455.4	895.6	430.1	446.7	438.4	439.3	446.1	457.4
Expenditures net of revenues	1,288.9	693.1	943.0	458.1	948.2	922.7	981.7	989.2	1,248.3	1,195.3
Other federal departments/agencies										
Operating	769.4	1,555.5	1,698.2	2,004.8	2,213.1	2,068.1	2,090.9	2,380.6	2,413.7	2,933.8
Capital	224.3	238.7	283.8	494.1	498.8	347.7	334.2	353.2	452.0	937.5
Transfer payments	1,498.1	1,857.1	2,009.5	2,283.1	3,401.3	2,154.1	1,675.0	1,282.7	1,265.4	1,363.7
Gross expenditures	2,491.7	3,651.3	3,991.5	4,782.0	6,113.2	4,569.9	4,100.0	4,016.5	4,131.2	5,235.0
Fuel taxes	5,070.7	5,047.7	5,126.2	5,149.6	5,298.3	5,268.7	5,324.2	5,425.9	5,527.9	5,564.8
Sales taxes ²	5,637.7	5,963.2	5,436.1	5,377.7	5,707.1	5,927.8	6,121.1	6,429.0	6,643.8	6,671.1
Licences and fees	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
User fees and other revenues	387.9	446.5	430.8	420.4	641.3	673.4	745.9	867.6	925.4	1,068.7
Total revenues	11,096.3	11,457.3	10,993.1	10,947.6	11,646.7	11,869.9	12,191.3	12,722.5	13,097.2	13,304.6
Expenditures net of revenues³	(8,604.5)	(7,806.1)	(7,001.6)	(6,165.6)	(5,533.5)	(7,299.9)	(8,091.3)	(8,706.0)	(8,966.0)	(8,069.6)
Provinces and territories										
Operating	4,365.9	4,694.8	5,495.4	4,202.0	4,435.9	4,669.5	6,499.3	9,029.2	9,059.6	10,144.2
Capital	5,899.2	7,745.0	8,701.5	7,664.6	8,454.4	8,042.9	8,746.1	8,670.1	8,288.3	8,749.1
Transfer payments	3,353.9	4,310.0	2,659.0	3,829.3	3,445.5	3,386.5	4,563.6	4,782.2	5,133.6	5,578.8
Gross expenditures	13,619.0	16,749.8	16,855.9	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,481.5	24,472.2
Federal transfers to provinces/territories ⁴	(525.0)	(472.3)	(388.0)	(779.3)	(1,330.6)	(966.4)	(1,066.0)	(550.2)	(726.9)	(715.1)
Expenditures net of transfers	13,094.0	16,277.5	16,467.8	14,916.7	15,005.2	15,132.4	18,743.0	21,931.3	21,754.6	23,757.2
Fuel taxes	7,888.6	7,962.4	7,736.5	8,113.2	8,147.1	8,610.2	8,639.9	9,198.0	9,156.6	9,800.8
Sales taxes ²	5,228.3	5,525.1	5,726.4	6,028.4	7,178.6	8,211.9	8,679.2	9,142.2	9,536.6	9,752.1
Licences and fees	3,275.7	3,451.6	3,483.5	3,558.1	3,348.5	3,330.8	3,570.3	3,689.9	4,223.4	4,564.6
User fees and other revenues	45.2	66.7	45.0	42.5	48.2	890.5	957.7	1,139.7	1,326.8	1,313.0
Total revenues	16,437.8	17,005.8	16,991.4	17,742.1	18,722.4	21,043.4	21,847.0	23,448.8	24,243.4	25,430.4
Expenditures net of revenues³	(3,343.8)	(728.2)	(523.6)	(2,825.4)	(3,717.2)	(5,911.0)	(3,104.0)	(1,517.5)	(2,488.8)	(1,673.3)
Combined federal and provincial/territorial governments										
Expenditures net of transfers										
Federal government (gross expenditures)	4,303.7	4,865.9	5,389.9	6,135.7	7,491.5	5,939.4	5,520.1	5,445.0	5,825.5	6,887.7
Provincial/territorial governments (expenditures net of transfers)	13,094.0	16,277.5	16,467.8	14,916.7	15,005.2	15,132.4	18,743.0	21,931.3	21,754.6	23,757.2
Overall	17,397.7	21,143.4	21,857.7	21,052.3	22,496.7	21,071.8	24,263.1	27,376.3	27,580.1	30,644.9
Revenues										
Federal government revenues	11,619.3	11,978.8	11,448.5	11,843.2	12,076.8	12,316.6	12,629.7	13,161.8	13,543.3	13,762.0
Provincial/territorial government revenues	16,437.8	17,005.8	16,991.4	17,742.1	18,722.4	21,043.4	21,847.0	23,448.8	24,243.4	25,430.4
Overall	28,057.1	28,984.6	28,439.9	29,585.3	30,799.2	33,360.0	34,476.7	36,610.6	37,786.7	39,192.4
Revenues (not including sales taxes)⁵										
Federal government revenues (not including sales taxes)	5,981.6	6,015.7	6,012.3	6,465.5	6,369.7	6,388.8	6,508.6	6,732.8	6,899.5	7,090.9
Provincial/territorial government revenues (not including sales taxes)	11,209.5	11,480.7	11,265.0	11,713.7	11,543.8	12,831.5	13,167.8	14,306.7	14,706.8	15,678.3
Overall	17,191.1	17,496.4	17,277.4	18,179.2	17,913.5	19,220.3	19,676.4	21,039.5	21,606.3	22,769.2

Notes:

1 The tables in this section (G) cover the 10 fiscal years up to the end of March, 2016. Data are presented on a modified cash (public accounts) basis.

2 New item for this year's report. Includes transportation-related sales tax revenues from households.

3 Brackets indicate revenues exceed expenditures.

4 Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).

5 Provided for comparison with past years' reports.

Sources: Survey responses from provincial/territorial governments and selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data. For detailed results, see tables G3, G4 and G6.

Table G2: Transportation Expenditures and Revenues by Mode and Level of Government, 2006/07–2015/16

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Federal Operating Expenditures, Capital Expenditures and Transfers¹										
Air Mode	734.1	742.9	733.7	982.5	934.4	851.8	811.2	884.6	984.8	997.2
Marine Mode	1,056.9	1,100.5	1,240.6	1,339.8	1,494.8	1,236.0	1,279.4	1,353.0	1,263.8	2,005.7
Rail Mode	199.4	258.0	314.4	445.6	581.0	544.0	470.1	448.8	451.5	499.7
Road Mode	701.6	929.4	883.6	1,478.2	2,420.1	1,336.8	1,166.2	838.2	1,068.7	1,339.7
Transit	1,013.2	1,123.5	1,366.1	1,059.6	1,149.3	1,048.5	775.7	848.7	747.6	827.6
Other Modes	598.6	711.6	851.5	829.9	911.8	922.3	1,017.4	1,071.7	1,309.1	1,217.9
Sub-Total	4,303.7	4,865.9	5,389.9	6,135.7	7,491.5	5,939.4	5,520.1	5,445.0	5,825.5	6,887.7
Provincial/Territorial Expenditures (before deducting federal transfers)										
Air Mode	103.8	117.7	136.4	180.8	218.2	189.2	184.8	263.5	290.4	323.7
Marine Mode	296.2	321.1	377.4	399.3	428.4	487.4	496.2	479.8	543.4	551.3
Rail Mode	30.7	52.4	58.4	71.3	78.5	81.5	91.6	117.8	92.7	103.3
Road Mode	10,326.1	12,815.6	13,973.8	12,767.8	13,182.2	12,713.6	12,978.8	14,794.4	14,421.9	15,169.0
Transit	2,421.0	3,098.0	1,946.5	1,936.5	2,096.6	2,278.6	5,633.3	6,476.1	6,783.9	8,094.7
Other Modes	441.2	345.0	363.3	340.1	331.9	348.5	424.2	349.9	349.2	230.1
Sub-Total	13,619.0	16,749.8	16,855.9	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,481.5	24,472.2
Provincial/Territorial Expenditures Net of Federal Transfers²										
Air Mode	96.5	102.6	118.9	163.8	211.9	185.4	164.8	239.3	271.6	308.7
Marine Mode	296.2	321.1	351.1	372.4	400.9	459.4	467.6	453.6	516.0	523.6
Rail Mode	30.7	52.4	58.0	66.0	74.6	77.5	84.2	112.0	85.2	90.5
Road Mode	9,808.4	12,358.4	13,629.9	12,037.7	11,939.9	11,857.2	11,974.8	14,284.0	13,802.1	14,581.9
Transit	2,421.0	3,098.0	1,946.5	1,936.5	2,045.9	2,205.3	5,633.3	6,492.5	6,730.5	8,022.3
Other Modes	441.2	345.0	363.3	340.1	331.9	347.6	418.3	349.9	349.2	230.1
Sub-Total	13,094.0	16,277.5	16,467.8	14,916.7	15,005.2	15,132.4	18,743.0	21,931.3	21,754.6	23,757.2
Total Expenses: (Gross) Federal plus (Net) Provincial/Territorial Government Levels										
Air Mode	830.5	845.6	852.6	1,146.4	1,146.3	1,037.2	976.0	1,123.9	1,256.4	1,305.9
Marine Mode	1,353.1	1,421.6	1,591.7	1,712.3	1,895.7	1,695.4	1,747.0	1,806.6	1,779.8	2,529.3
Rail Mode	230.1	310.4	372.5	511.7	655.6	621.5	554.3	560.8	536.7	590.2
Road Mode	10,510.0	13,287.8	14,513.5	13,515.9	14,360.1	13,194.0	13,141.0	15,122.3	14,870.7	15,921.6
Transit	3,434.2	4,221.5	3,312.6	2,996.2	3,195.3	3,253.8	6,409.0	7,341.2	7,478.1	8,849.9
Other Modes	1,039.7	1,056.6	1,214.8	1,170.0	1,243.7	1,269.9	1,435.7	1,421.6	1,658.3	1,448.0
Sub-Total	17,397.7	21,143.4	21,857.7	21,052.3	22,496.7	21,071.8	24,263.1	27,376.3	27,580.1	30,644.9
Federal Revenues³										
Air Mode	854.2	933.1	884.7	856.8	1,128.7	1,193.9	1,215.2	1,316.0	1,393.7	1,423.0
Marine Mode	79.7	80.8	82.1	82.0	81.1	84.1	142.0	158.4	161.5	237.3
Rail Mode	12.7	33.4	26.2	13.1	13.8	15.5	16.8	19.6	16.9	17.0
Road Mode	9,428.5	9,658.7	9,293.9	9,294.6	9,679.8	9,843.7	10,079.6	10,440.4	10,737.6	10,829.9
Other Modes	1,244.2	1,272.8	1,161.6	1,596.7	1,173.4	1,179.4	1,176.1	1,227.4	1,233.5	1,254.8
Sub-Total	11,619.3	11,978.8	11,448.5	11,843.2	12,076.8	12,316.6	12,629.7	13,161.8	13,543.3	13,762.0
Provincial/Territorial Revenues³										
Air Mode	35.2	37.8	38.5	45.2	86.1	111.0	115.7	120.1	122.5	130.4
Marine Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	20.8
Rail Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	11.5	11.2
Road Mode ⁴	16,355.9	16,917.0	16,918.1	17,651.7	18,549.0	19,921.5	20,684.8	22,101.6	22,851.2	24,010.7
Transit	0.0	0.0	0.0	0.0	0.0	888.0	921.2	1,094.5	1,116.9	1,129.2
Other Modes	46.7	51.0	34.8	45.3	87.4	122.9	125.3	121.2	121.6	128.1
Sub-Total	16,437.8	17,005.8	16,991.4	17,742.1	18,722.4	21,043.4	21,847.0	23,448.8	24,243.4	25,430.4
Total Revenues: Federal plus Provincial/Territorial Government Levels										
Air Mode	889.4	970.9	923.2	902.0	1,214.8	1,304.9	1,330.9	1,436.1	1,516.2	1,553.5
Marine Mode	79.7	80.8	82.1	82.0	81.1	84.1	142.0	158.4	181.3	258.1
Rail Mode	12.7	33.4	26.2	13.1	13.8	15.5	16.8	31.0	28.4	28.2
Road Mode	25,784.4	26,575.6	26,212.0	26,946.2	28,228.8	29,765.2	30,764.4	32,542.1	33,588.8	34,840.5
Transit	0.0	0.0	0.0	0.0	0.0	888.0	921.2	1,094.5	1,116.9	1,129.2
Other Modes	1,290.9	1,323.8	1,196.4	1,642.0	1,260.8	1,302.3	1,301.4	1,348.6	1,355.1	1,382.9
Sub-Total	28,057.1	28,984.6	28,439.9	29,585.3	30,799.2	33,360.0	34,476.7	36,610.6	37,786.7	39,192.4

Notes:

1 Tax expenditures are also included.

2 Excludes estimated transportation-related transfer payments received (as reported by provincial/territorial respondents).

3 New item for this year's report. Includes transportation-related sales tax revenues from households.

4 Some provinces/territories were unable to split out road versus non-road fuel tax revenues. In these cases, all fuel tax revenues were allocated to the road mode.

Sources: Survey responses from provincial/territorial governments and selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data. For detailed results, see tables G3, G4 and G6.

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2006/07–2015/16¹

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
AIR MODE										
Transport Canada										
Operating	713.1	269.9	275.2	290.6	283.2	272.6	238.7	238.0	256.4	242.1
Capital	0.0	0.0	0.0	5.8	7.9	5.0	3.8	4.4	7.8	11.2
Transfer payments	0.0	0.0	0.0	53.4	10.9	31.8	31.3	13.0	0.2	0.2
Gross expenditures	713.1	269.9	275.2	349.8	302.1	309.4	273.8	255.5	264.4	253.4
Transportation Safety Board										
Operating	15.4	15.2	17.7	13.6	14.3	14.4	13.7	14.7	15.0	13.1
Gross expenditures	15.4	15.2	17.7	13.6	14.3	14.4	13.7	14.7	15.0	13.1
Canadian Air Transport Security Authority										
Operating	0.0	440.7	427.8	603.9	573.1	515.0	513.4	559.1	623.9	656.7
Gross expenditures	0.0	440.7	427.8	603.9	573.1	515.0	513.4	559.1	623.9	656.7
Infrastructure Canada										
Transfer payments	0.1	0.0	0.0	7.4	39.4	6.9	0.3	0.0	0.9	1.3
Gross expenditures	0.1	0.0	0.0	7.4	39.4	6.9	0.3	0.0	0.9	1.3
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	9.2	1.0	16.9	11.6
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	9.2	1.0	16.9	11.6
Atlantic Canada Opportunities Agency										
Transfer payments	0.1	1.2	0.6	1.2	1.2	0.3	0.2	0.1	1.0	2.2
Gross expenditures	0.1	1.2	0.6	1.2	1.2	0.3	0.2	0.1	1.0	2.2
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	2.9	11.6	3.4	4.8	1.8	1.0	0.0	2.6	0.0	1.6
Gross expenditures	2.9	11.6	3.4	4.8	1.8	1.0	0.0	2.6	0.0	1.6
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.9
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.9
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	1.1	0.5	0.6	0.8	4.6	0.6	0.7	2.1	0.0
Gross expenditures	0.0	1.1	0.5	0.6	0.8	4.6	0.6	0.7	2.1	0.0
Western Economic Diversification										
Transfer payments	2.3	3.2	8.4	1.2	0.3	0.2	0.0	0.4	0.1	0.0
Gross expenditures	2.3	3.2	8.4	1.2	0.3	0.2	0.0	0.4	0.1	0.0
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.7
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.7
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	24.9	22.5
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.3	7.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	33.7	30.7
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	24.4	22.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	24.4	22.8
Total (federal government departments and agencies)										
Operating	728.6	725.8	720.7	908.1	870.7	802.1	775.0	833.6	938.7	947.8
Capital	0.0	0.0	0.0	5.8	7.9	5.0	3.8	12.5	16.1	18.6
Transfer payments	5.5	17.1	12.9	68.6	55.8	44.7	32.4	38.6	30.0	30.8
Gross expenditures	734.1	742.9	733.7	982.5	934.4	851.8	811.2	884.6	984.8	997.2

Table G3 continues on the next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
MARINE MODE										
Transport Canada										
Operating	225.8	147.5	177.3	115.0	111.3	104.3	97.3	96.3	112.4	102.2
Capital	0.0	0.0	0.0	4.4	2.6	2.1	1.2	2.7	3.7	5.9
Transfer payments	0.0	0.0	0.0	12.3	3.9	1.8	0.7	0.5	5.1	9.4
Gross expenditures	225.8	147.5	177.3	131.7	117.8	108.2	99.2	99.5	121.2	117.6
Transportation Safety Board										
Operating	6.2	6.1	7.0	5.5	4.5	4.6	5.8	5.5	4.9	5.2
Gross expenditures	6.2	6.1	7.0	5.5	4.5	4.6	5.8	5.5	4.9	5.2
Department of Finance Canada										
Transfer payments	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Marine Atlantic										
Operating	0.0	74.4	117.5	123.5	210.9	183.3	184.9	154.4	127.5	350.9
Gross expenditures	0.0	74.4	117.5	123.5	210.9	183.3	184.9	154.4	127.5	350.9
Infrastructure Canada										
Transfer payments	0.8	0.2	0.0	24.4	114.7	20.8	4.5	1.0	1.7	4.1
Gross expenditures	0.8	0.2	0.0	24.4	114.7	20.8	4.5	1.0	1.7	4.1
Canadian Coast Guard										
Operating	564.1	585.2	622.1	572.1	567.1	539.4	562.4	620.0	529.9	652.3
Capital	124.7	143.7	176.1	240.5	248.2	187.8	219.2	200.6	241.9	450.3
Transfer payments	5.0	5.2	5.5	5.3	5.2	11.5	10.5	5.1	5.1	5.6
Gross expenditures	693.8	734.0	803.7	817.9	820.5	738.7	792.1	825.7	776.9	1,108.2
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	78.5	75.3	83.7	118.8	112.4	102.5	67.4	61.7	63.7	50.2
Capital	38.3	36.4	32.1	98.8	86.8	51.9	40.8	32.0	37.5	165.4
Transfer payments	0.7	1.0	3.9	3.5	7.2	9.2	7.1	5.0	3.2	2.3
Gross expenditures	117.5	112.7	119.8	221.0	206.4	163.6	115.3	98.7	104.5	217.9
Parks Canada Agency										
Operating	7.6	4.3	3.6	2.8	5.5	6.4	8.2	26.5	25.5	13.3
Capital	1.3	3.3	2.3	5.1	8.3	6.1	1.2	20.4	23.9	36.1
Gross expenditures	8.8	7.7	5.9	8.0	13.8	12.5	9.3	46.9	49.4	49.4
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	60.1	99.6	59.8	135.2
Capital	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.5	0.3
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	61.4	99.9	60.3	135.5
Atlantic Canada Opportunities Agency										
Transfer payments	1.6	1.2	1.4	0.3	0.3	1.2	1.0	2.5	4.8	6.5
Gross expenditures	1.6	1.2	1.4	0.3	0.3	1.2	1.0	2.5	4.8	6.5
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	0.0	14.2	6.7	5.9	3.2	2.2	3.9	4.6	0.1	0.1
Gross expenditures	0.0	14.2	6.7	5.9	3.2	2.2	3.9	4.6	0.1	0.1
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.1	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.1	0.0
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.2	0.5	1.0	0.3	2.5	0.4	0.5	0.7	0.8	0.0
Gross expenditures	0.2	0.5	1.0	0.3	2.5	0.4	0.5	0.7	0.8	0.0
Western Economic Diversification										
Transfer payments	2.2	2.0	0.5	1.2	0.0	0.6	1.3	5.5	5.3	3.9
Gross expenditures	2.2	2.0	0.5	1.2	0.0	0.6	1.3	5.5	5.3	3.9
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2006/07–2015/16¹ (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.8	5.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	6.2	6.3
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total (federal government departments and agencies)										
Operating	882.1	892.9	1,011.2	937.8	1,011.7	940.4	986.1	1,069.2	929.6	1,314.9
Capital	164.2	183.4	210.5	348.8	346.0	248.0	263.8	256.3	307.7	658.3
Transfer payments	10.5	24.3	19.0	53.2	137.1	47.6	29.6	27.6	26.6	32.4
Gross expenditures	1,056.9	1,100.5	1,240.6	1,339.8	1,494.8	1,236.0	1,279.4	1,353.0	1,263.8	2,005.7
RAIL MODE										
Transport Canada										
Operating	190.7	19.2	29.9	20.1	20.7	21.2	20.7	21.7	25.4	100.3
Capital	0.0	0.0	0.0	3.0	2.5	2.6	1.3	0.4	1.3	1.1
Transfer payments	0.0	0.0	0.0	14.1	8.0	9.0	12.4	7.4	8.8	9.3
Gross expenditures	190.7	19.2	29.9	37.3	31.1	32.8	34.4	29.5	35.5	110.8
Transportation Safety Board										
Operating	6.2	6.1	6.4	5.1	4.6	5.1	4.7	6.9	6.1	5.7
Gross expenditures	6.2	6.1	6.4	5.1	4.6	5.1	4.7	6.9	6.1	5.7
VIA Rail Canada										
Operating	0.0	230.5	269.1	387.3	527.2	493.8	420.0	405.7	406.2	365.5
Gross expenditures	0.0	230.5	269.1	387.3	527.2	493.8	420.0	405.7	406.2	365.5
Infrastructure Canada										
Transfer payments	0.6	0.1	6.6	8.7	13.5	9.2	10.1	3.6	0.0	11.6
Gross expenditures	0.6	0.1	6.6	8.7	13.5	9.2	10.1	3.6	0.0	11.6
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	1.8	2.0	2.4	4.8	4.7	2.5	0.9	0.1	0.0	0.1
Gross expenditures	1.8	2.0	2.4	4.8	4.7	2.5	0.9	0.1	0.0	0.1
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.8
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.2	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.2	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Western Economic Diversification										
Transfer payments	0.0	0.0	0.0	1.0	0.0	0.5	0.1	0.2	0.0	0.0
Gross expenditures	0.0	0.0	0.0	1.0	0.0	0.5	0.1	0.2	0.0	0.0
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.6	3.2
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.6	3.2
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.6
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.6
Total (federal government departments and agencies)										
Operating	196.9	255.8	305.5	412.5	552.5	520.1	445.4	436.2	440.6	475.1
Capital	0.0	0.0	0.0	3.0	2.5	2.6	1.3	0.4	1.3	1.1
Transfer payments	2.5	2.1	9.0	30.1	26.1	21.3	23.4	12.3	9.6	23.4
Gross expenditures	199.4	258.0	314.4	445.6	581.0	544.0	470.1	448.8	451.5	499.7

Table G3 continues on the next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
ROAD MODE										
Transport Canada										
Operating	70.7	40.7	42.4	28.0	25.5	22.5	19.6	21.4	21.2	19.6
Capital	0.0	0.0	0.0	7.2	12.7	1.9	2.8	4.6	3.7	2.5
Transfer payments	0.0	0.0	0.0	0.2	9.1	4.7	4.4	4.4	4.4	3.0
Gross expenditures	70.7	40.7	42.4	35.5	47.3	29.0	26.9	30.5	29.4	25.2
Department of Finance Canada										
Transfer payments	20.0	20.0	15.1	15.1	15.1	10.1	10.1	10.1	10.1	10.1
Gross expenditures	20.0	20.0	15.1	15.1	15.1	10.1	10.1	10.1	10.1	10.1
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	19.4
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	46.9
Transfer payments	412.3	651.4	533.0	1,021.9	1,935.5	915.8	749.0	247.0	299.1	295.6
Gross expenditures	412.3	651.4	533.0	1,021.9	1,935.5	915.8	749.0	247.0	339.8	361.9
Agriculture and Agri-Food Canada										
Transfer payments	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Bridge Corporation										
Operating	0.0	0.1	1.3	2.1	0.4	14.0	18.2	13.2	8.1	20.1
Gross expenditures	0.0	0.1	1.3	2.1	0.4	14.0	18.2	13.2	8.1	20.1
The Jacques Cartier and Champlain Bridges										
Operating	0.0	30.2	49.1	78.2	90.0	97.3	109.1	151.6	245.0	247.3
Gross expenditures	0.0	30.2	49.1	78.2	90.0	97.3	109.1	151.6	245.0	247.3
Windsor-Detroit Bridge Authority										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	138.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	138.5
Indigenous and Northern Affairs										
Operating	0.0	0.0	0.3	0.3	0.3	0.3	0.1	0.0	0.0	0.0
Transfer payments	64.7	71.0	105.3	106.6	100.1	107.2	96.9	81.2	112.9	119.5
Gross expenditures	64.7	71.0	105.6	106.9	100.4	107.5	97.0	81.2	113.0	119.6
National Capital Commission										
Operating	3.3	1.4	3.9	3.1	1.4	1.4	2.0	5.0	3.9	4.7
Capital	0.7	0.7	0.7	0.8	0.8	0.8	1.0	0.0	0.0	0.0
Gross expenditures	4.0	2.1	4.6	3.9	2.2	2.2	3.0	5.0	3.9	4.7
Parks Canada Agency										
Operating	39.0	35.7	36.0	31.3	35.4	29.1	33.0	102.4	73.5	26.1
Capital	45.1	33.2	50.9	93.6	101.3	53.5	41.9	69.4	99.8	188.8
Gross expenditures	84.1	68.9	86.9	124.9	136.7	82.7	74.9	171.8	173.4	214.9
Public Services and Procurement Canada										
Operating	21.3	23.2	23.9	27.6	35.4	30.3	48.5	51.0	56.4	102.8
Capital	14.2	21.5	21.7	55.3	53.4	25.4	27.0	14.7	16.4	35.2
Gross expenditures	35.5	44.7	45.6	82.9	88.8	55.6	75.5	65.7	72.8	138.0
PPP Canada										
Capital	0.0	0.0	0.0	0.0	0.0	22.2	1.7	0.0	0.0	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	22.2	1.7	0.0	0.0	0.5
Atlantic Canada Opportunities Agency										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.6	2.4	4.2
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.6	2.4	4.2
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	2.9	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	2.9	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	3.9
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	3.9
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	0.1	0.0	3.0	0.0	0.0	0.2	0.0	0.0	0.0
Gross expenditures	0.0	0.1	0.0	3.0	0.0	0.0	0.2	0.0	0.0	0.0

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2006/07–2015/16¹ (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Western Economic Diversification										
Transfer payments	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
Gross expenditures	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.0	0.0	3.8	3.6	0.3	0.6	0.6	1.0	0.3
Gross expenditures	0.0	0.0	0.0	3.8	3.6	0.3	0.6	0.6	1.0	0.3
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	1.7
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	1.7
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	19.8	19.2
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	7.3	5.7
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	27.3	25.1
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	29.6	23.6
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	29.6	23.6
Total (federal government departments and agencies)										
Operating	134.2	131.3	156.9	170.6	188.4	194.9	230.5	366.5	463.7	599.5
Capital	60.0	55.3	73.3	156.9	168.2	103.7	74.4	93.3	142.1	279.6
Transfer payments	507.3	742.8	653.4	1,150.6	2,063.6	1,038.2	861.3	378.5	462.9	460.5
Gross expenditures	701.6	929.4	883.6	1,478.2	2,420.1	1,336.8	1,166.2	838.2	1,068.7	1,339.7
TRANSIT										
Transport Canada										
Operating	44.2	53.7	51.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	44.2	53.7	51.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Finance Canada										
Transfer payments	510.0	575.0	840.0	530.0	320.0	330.0	345.0	365.0	370.0	390.0
Gross expenditures	510.0	575.0	840.0	530.0	320.0	330.0	345.0	365.0	370.0	390.0
Infrastructure Canada										
Transfer payments	459.0	494.8	474.6	529.6	829.3	718.5	430.7	482.3	376.7	436.7
Gross expenditures	459.0	494.8	474.6	529.6	829.3	718.5	430.7	482.3	376.7	436.7
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.4
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.4
Total (federal government departments and agencies)										
Operating	44.2	53.7	51.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	969.0	1,069.8	1,314.6	1,059.6	1,149.3	1,048.5	775.7	848.2	747.1	827.1
Gross expenditures	1,013.2	1,123.5	1,366.1	1,059.6	1,149.3	1,048.5	775.7	848.7	747.6	827.6

Table G3 continues on the next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
OTHER MODES										
Transport Canada										
Operating	208.6	237.1	253.9	430.6	442.2	453.1	377.6	449.0	508.0	478.3
Capital	71.3	72.7	66.2	86.2	58.7	57.5	49.0	63.5	107.6	98.4
Transfer payments	287.6	373.7	502.1	282.7	379.0	379.4	559.2	501.0	628.3	569.0
Gross expenditures	567.5	683.5	822.2	799.5	880.0	890.0	985.8	1,013.6	1,243.9	1,145.8
Canadian Transportation Agency										
Operating	26.6	25.5	27.0	28.0	28.8	29.3	28.7	29.0	28.8	28.3
Gross expenditures	26.6	25.5	27.0	28.0	28.8	29.3	28.7	29.0	28.8	28.3
Transportation Appeal Tribunal of Canada										
Operating	1.3	1.5	1.7	1.4	1.7	1.9	1.6	1.2	0.9	0.7
Gross expenditures	1.3	1.5	1.7	1.4	1.7	1.9	1.6	1.2	0.9	0.7
Transportation Safety Board										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Infrastructure Canada										
Transfer payments	1.0	0.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Gross expenditures	1.0	0.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Environment and Climate Change Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	23.2	23.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.3	0.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	25.0	24.1
Atlantic Canada Opportunities Agency										
Transfer payments	2.2	0.4	0.1	0.4	0.4	0.6	0.5	0.1	0.1	0.0
Gross expenditures	2.2	0.4	0.1	0.4	0.4	0.6	0.5	0.1	0.1	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.3	10.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.3	10.8
Western Economic Diversification										
Transfer payments	0.0	0.0	0.1	0.5	0.9	0.5	0.8	0.3	0.9	0.1
Gross expenditures	0.0	0.0	0.1	0.5	0.9	0.5	0.8	0.3	0.9	0.1
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.3
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.3
National Research Council Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	2.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	2.1
Total (federal government departments and agencies)										
Operating	236.5	264.1	282.6	460.1	472.8	484.2	407.9	501.2	564.0	538.4
Capital	71.3	72.7	66.2	86.2	58.7	57.5	49.0	66.4	108.9	99.0
Transfer payments	290.8	374.7	502.6	283.6	380.3	380.5	560.5	504.0	636.2	580.5
Gross expenditures	598.6	711.6	851.5	829.9	911.8	922.3	1,017.4	1,071.7	1,309.1	1,217.9

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2006/07–2015/16¹ (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
TOTAL (ALL MODES)										
Transport Canada										
Operating	1,453.1	768.2	830.1	884.3	882.9	873.6	753.9	826.5	923.4	942.5
Capital	71.3	72.7	66.2	106.6	84.4	69.2	58.2	75.6	124.1	119.2
Transfer payments	287.6	373.7	502.1	362.7	411.0	426.7	608.0	526.4	646.9	591.0
Gross expenditures	1,811.9	1,214.6	1,398.4	1,353.7	1,378.3	1,369.4	1,420.1	1,428.5	1,694.3	1,652.7
Canadian Transportation Agency										
Operating	26.6	25.5	27.0	28.0	28.8	29.3	28.7	29.0	28.8	28.3
Gross expenditures	26.6	25.5	27.0	28.0	28.8	29.3	28.7	29.0	28.8	28.3
Transportation Appeal Tribunal of Canada²										
Operating	1.3	1.5	1.7	1.4	1.7	1.9	1.6	1.2	0.9	0.7
Gross expenditures	1.3	1.5	1.7	1.4	1.7	1.9	1.6	1.2	0.9	0.7
Transportation Safety Board										
Operating	27.8	27.4	31.0	24.2	23.4	24.2	24.2	27.0	26.1	29.7
Gross expenditures	27.8	27.4	31.0	24.2	23.4	24.2	24.2	27.0	26.1	29.7
Department of Finance Canada³										
Transfer payments	530.0	595.0	855.1	545.2	335.2	340.1	355.1	375.1	380.1	400.1
Gross expenditures	530.0	595.0	855.1	545.2	335.2	340.1	355.1	375.1	380.1	400.1
Canadian Air Transport Security Authority⁴										
Operating	0.0	440.7	427.8	603.9	573.1	515.0	513.4	559.1	623.9	656.7
Gross expenditures	0.0	440.7	427.8	603.9	573.1	515.0	513.4	559.1	623.9	656.7
Marine Atlantic⁴										
Operating	0.0	74.4	117.5	123.5	210.9	183.3	184.9	154.4	127.5	350.9
Gross expenditures	0.0	74.4	117.5	123.5	210.9	183.3	184.9	154.4	127.5	350.9
VIA Rail Canada⁴										
Operating	0.0	230.5	269.1	387.3	527.2	493.8	420.0	405.7	406.2	365.5
Gross expenditures	0.0	230.5	269.1	387.3	527.2	493.8	420.0	405.7	406.2	365.5
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	19.4
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	46.9
Transfer payments	873.8	1,147.0	1,014.6	1,592.1	2,932.4	1,671.1	1,194.7	733.9	678.5	749.4
Gross expenditures	873.8	1,147.0	1,014.6	1,592.1	2,932.4	1,671.1	1,194.7	733.9	719.2	815.7
Agriculture and Agri-Food Canada⁵										
Transfer payments	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Bridge Corporation⁴										
Operating	0.0	0.1	1.3	2.1	0.4	14.0	18.2	13.2	8.1	20.1
Gross expenditures	0.0	0.1	1.3	2.1	0.4	14.0	18.2	13.2	8.1	20.1
The Jacques Cartier and Champlain Bridges⁴										
Operating	0.0	30.2	49.1	78.2	90.0	97.3	109.1	151.6	245.0	247.3
Gross expenditures	0.0	30.2	49.1	78.2	90.0	97.3	109.1	151.6	245.0	247.3
Windsor-Detroit Bridge Authority⁶										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	138.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	138.5
Canadian Coast Guard⁷										
Operating	564.1	585.2	622.1	572.1	567.1	539.4	562.4	620.0	529.9	652.3
Capital	124.7	143.7	176.1	240.5	248.2	187.8	219.2	200.6	241.9	450.3
Transfer payments	5.0	5.2	5.5	5.3	5.2	11.5	10.5	5.1	5.1	5.6
Gross expenditures	693.8	734.0	803.7	817.9	820.5	738.7	792.1	825.7	776.9	1,108.2

Table G3 continues on the next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	78.5	75.3	83.7	118.8	112.4	102.5	67.4	61.7	63.7	50.2
Capital	38.3	36.4	32.1	98.8	86.8	51.9	40.8	32.0	37.5	165.4
Transfer payments	0.7	1.0	3.9	3.5	7.2	9.2	7.1	5.0	3.2	2.3
Gross expenditures	117.5	112.7	119.8	221.0	206.4	163.6	115.3	98.7	104.5	217.9
Natural Resources Canada⁸										
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environment and Climate Change Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	23.2	23.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.3	0.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	25.0	24.1
Indigenous and Northern Affairs⁹										
Operating	0.0	0.0	0.3	0.3	0.3	0.3	0.1	0.0	0.0	0.0
Transfer payments	64.7	71.0	105.3	106.6	100.1	107.2	96.9	81.2	112.9	119.5
Gross expenditures	64.7	71.0	105.6	106.9	100.4	107.5	97.0	81.2	113.0	119.6
National Capital Commission¹⁰										
Operating	3.3	1.4	3.9	3.1	1.4	1.4	2.0	5.0	3.9	4.7
Capital	0.7	0.7	0.7	0.8	0.8	0.8	1.0	0.0	0.0	0.0
Gross expenditures	4.0	2.1	4.6	3.9	2.2	2.2	3.0	5.0	3.9	4.7
Parks Canada Agency										
Operating	46.5	40.1	39.6	34.1	40.9	35.5	41.2	128.9	99.1	39.4
Capital	46.4	36.5	53.2	98.8	109.6	59.6	43.1	89.8	123.7	224.9
Gross expenditures	92.9	76.6	92.8	132.9	150.5	95.2	84.3	218.7	222.8	264.3
Public Services and Procurement Canada¹¹										
Operating	21.3	23.2	23.9	27.6	35.4	30.3	117.8	151.6	133.1	249.6
Capital	14.2	21.5	21.7	55.3	53.4	25.4	28.4	15.1	16.8	35.5
Gross expenditures	35.5	44.7	45.6	82.9	88.8	55.6	146.2	166.7	149.9	285.1
PPP Canada¹²										
Capital	0.0	0.0	0.0	0.0	0.0	22.2	1.7	0.0	0.0	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	22.2	1.7	0.0	0.0	0.5
Atlantic Canada Opportunities Agency										
Transfer payments	3.9	2.9	2.1	1.9	1.9	2.2	1.9	4.3	8.3	12.9
Gross expenditures	3.9	2.9	2.1	1.9	1.9	2.2	1.9	4.3	8.3	12.9
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	4.7	27.9	12.5	15.5	9.8	5.7	4.8	7.4	3.1	1.8
Gross expenditures	4.7	27.9	12.5	15.5	9.8	5.7	4.8	7.4	3.1	1.8
FedDev Ontario (federal economic development agency for Southern Ontario)¹³										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	7.2	18.4
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	7.2	18.4
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.4	1.7	1.5	5.4	3.2	5.0	1.3	1.4	2.9	0.0
Gross expenditures	0.4	1.7	1.5	5.4	3.2	5.0	1.3	1.4	2.9	0.0
Western Economic Diversification										
Transfer payments	4.8	5.5	9.0	3.9	1.2	1.8	2.1	6.5	6.5	4.1
Gross expenditures	4.8	5.5	9.0	3.9	1.2	1.8	2.1	6.5	6.5	4.1
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.0	0.0	3.8	5.1	0.3	0.6	0.6	1.0	0.3
Gross expenditures	0.0	0.0	0.0	3.8	5.1	0.3	0.6	0.6	1.0	0.3

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2006/07–2015/16¹ (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Statistics Canada¹⁴										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.9	4.6
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.9	4.6
National Research Council Canada¹⁵										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.6	53.1	50.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	15.8	13.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.9	69.8	65.3
Natural Sciences and Engineering Research Council¹³										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	2.1
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.7	55.3	47.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	57.8	49.6
Total (federal government departments and agencies)										
Operating	2,222.5	2,323.6	2,528.3	2,889.1	3,096.0	2,941.7	2,844.8	3,207.1	3,337.1	3,876.3
Capital	295.5	311.4	350.0	600.7	583.2	416.9	392.4	428.8	576.1	1,056.7
Transfer payments	1,785.6	2,230.8	2,511.6	2,645.8	3,812.3	2,580.8	2,282.9	1,809.1	1,912.3	1,954.7
Gross expenditures	4,303.7	4,865.9	5,389.9	6,135.7	7,491.5	5,939.4	5,520.1	5,445.0	5,825.5	6,887.7

Notes:

- 1 Data are reported on a public accounts (modified cash) basis, and are allocated to the department or agency making the final expenditure. Inter-departmental transfers are netted out to eliminate double-counting. The order of departments/agencies in this table have been re-arranged from last year based on user feedback. See notes for specific departments/agencies in the totals-by-department section at the end of this table.
- 2 Effective November 1, 2014, reported under the Administrative Tribunals Support Service of Canada.
- 3 Includes tax expenditures and trust fund allotments.
- 4 Part of Transport Canada's budget up to 2007/08.
- 5 Prairie Grain Roads Program (ran until 2006/07).
- 6 Transferred from Transport Canada portfolio to Infrastructure Canada, effective November 4, 2015.
- 7 Marine transportation activities only.
- 8 Declined to respond.
- 9 Formerly Aboriginal Affairs and Northern Development.
- 10 Allocated total to opex for last three periods: no breakdown by type of spending provided.
- 11 Formerly Public Works and Government Services Canada.
- 12 Major revision from last year's report.
- 13 New respondent. Data for past three years only.
- 14 Major revision from respondent. Data for past three years only. Numbers are preliminary.
- 15 Major revision from respondent. Data for past three years only.

Sources: Survey responses from selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data.

Table G4: Government Revenues from Transport Users, 2006/07 – 2015/16

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Federal Fuel Taxes										
Air Mode	21.5	38.8	39.9	46.7	88.6	83.9	97.2	82.3	86.5	78.4
Road Mode	4,002.9	3,923.4	4,061.2	4,113.6	4,185.1	4,143.3	4,171.2	4,230.0	4,317.6	4,349.9
Other Modes ¹	1,046.2	1,085.6	1,025.1	989.2	1,024.6	1,041.5	1,055.8	1,113.7	1,123.9	1,136.5
Total	5,070.7	5,047.7	5,126.2	5,149.6	5,298.3	5,268.7	5,324.2	5,425.9	5,527.9	5,564.8
Provincial/Territorial Fuel Taxes²										
Newfoundland and Labrador	145.0	151.0	148.5	154.5	168.9	168.6	170.7	170.7	185.7	193.2
Prince Edward Island	51.0	43.0	38.8	40.0	41.9	41.8	41.2	35.1	35.4	36.0
Nova Scotia	246.0	249.0	243.2	248.4	255.4	250.2	243.4	246.8	246.8	246.8
New Brunswick	215.2	198.1	195.1	198.1	210.8	246.6	239.5	240.1	242.8	284.5
Quebec	1,707.0	1,681.0	1,650.5	1,662.9	1,832.8	2,064.0	2,030.6	2,293.0	2,200.4	2,276.1
Ontario	3,034.0	3,094.0	3,021.0	2,994.3	3,060.4	3,090.4	3,100.2	3,081.1	3,186.1	3,210.1
Manitoba	173.8	173.9	146.9	155.9	161.4	151.1	151.1	315.6	311.7	321.1
Saskatchewan	383.6	406.4	429.2	441.5	463.1	475.5	496.0	509.8	515.4	479.2
Alberta	735.0	751.0	716.3	701.0	661.8	849.3	898.2	925.0	944.0	1,370.0
British Columbia	1,165.0	1,185.0	1,120.0	1,488.0	1,260.4	1,240.8	1,236.9	1,350.2	1,256.2	1,346.0
Yukon	7.0	7.0	6.9	6.8	8.2	8.0	8.1	8.2	8.2	8.2
Northwest Territories	23.0	20.0	15.8	14.0	16.1	18.9	18.6	17.7	18.4	20.5
Nunavut	3.0	3.0	4.4	7.7	5.9	5.0	5.3	4.7	5.5	9.0
Total (all provinces/territories)	7,888.6	7,962.4	7,736.5	8,113.2	8,147.1	8,610.2	8,639.9	9,198.0	9,156.6	9,800.8
Federal Transportation-related Sales Tax Revenues³										
Air Mode	131.3	138.9	125.1	116.7	129.7	141.6	152.4	161.0	171.1	179.5
Road Mode	5,415.1	5,727.7	5,224.9	5,174.5	5,489.1	5,695.0	5,874.8	6,170.3	6,371.3	6,385.3
Other Modes ⁴	91.3	96.6	86.2	86.6	88.4	91.2	94.0	97.7	101.5	106.3
Transportation-related Sales Tax Revenues	5,637.7	5,963.2	5,436.1	5,377.7	5,707.1	5,927.8	6,121.1	6,429.0	6,643.8	6,671.1
Provincial/Territorial Transportation-related Sales Tax Revenues³										
Newfoundland and Labrador										
Air Mode	4.6	5.2	5.5	5.2	6.1	6.8	7.4	7.9	8.3	8.4
Road Mode	116.2	133.0	149.5	156.4	171.9	179.8	190.8	203.5	206.1	202.1
Other Modes ⁴	16.9	19.4	2.2	2.2	2.1	2.3	2.4	2.5	2.5	2.7
Transportation-related Sales Tax Revenues	137.8	157.6	157.1	163.8	180.1	188.8	200.5	213.9	216.9	213.1
Prince Edward Island										
Air Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.1	1.2
Road Mode	21.4	22.7	23.8	26.6	29.1	29.4	35.6	49.6	54.7	55.4
Other Modes ⁴	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.6	0.6
Transportation-related Sales Tax Revenues	21.4	22.7	23.8	26.6	29.1	29.4	35.9	50.9	56.4	57.2
Nova Scotia										
Air Mode	7.5	8.1	8.4	8.4	9.3	8.3	9.0	9.3	9.7	10.0
Road Mode	215.3	230.6	246.3	260.1	305.6	339.3	355.3	379.4	383.5	379.6
Other Modes ⁴	3.3	3.6	3.7	3.7	4.2	4.6	4.7	4.7	4.8	5.0
Transportation-related Sales Tax Revenues	226.2	242.2	258.4	272.1	319.1	352.2	369.0	393.5	398.0	394.6
New Brunswick										
Air Mode	3.9	4.2	4.3	3.8	3.8	3.4	3.9	4.7	4.9	5.1
Road Mode	176.9	189.6	202.2	206.0	226.9	237.9	242.6	258.1	265.9	268.2
Other Modes ⁴	1.8	1.9	1.9	1.8	1.9	2.0	2.1	2.0	2.0	2.1
Transportation-related Sales Tax Revenues	182.6	195.7	208.4	211.6	232.6	243.3	248.5	264.7	272.8	275.4
Quebec										
Air Mode	19.2	20.3	20.3	17.4	18.8	23.4	25.9	26.3	28.0	29.8
Road Mode	1,730.5	1,833.3	1,952.0	1,973.8	2,195.8	2,535.6	2,788.8	2,873.2	2,886.8	2,875.7
Other Modes ⁴	24.7	26.2	27.0	27.6	29.5	34.6	38.4	39.4	40.5	42.6
Transportation-related Sales Tax Revenues	1,774.4	1,879.8	1,999.3	2,018.8	2,244.1	2,593.6	2,853.0	2,938.9	2,955.3	2,948.1
Ontario										
Air Mode	0.0	0.0	0.0	6.8	32.8	50.4	52.7	52.1	55.7	59.4
Road Mode	2,043.4	2,133.5	2,215.4	2,424.9	3,122.1	3,648.5	3,763.8	4,040.9	4,318.3	4,465.9
Other Modes ⁴	0.0	0.0	0.0	7.5	37.6	60.2	61.6	63.6	66.4	70.1
Transportation-related Sales Tax Revenues	2,043.4	2,133.5	2,215.4	2,439.3	3,192.4	3,759.0	3,878.0	4,156.5	4,440.4	4,595.3
Manitoba										
Road Mode	138.9	148.3	156.2	163.1	169.5	176.0	190.4	215.5	235.9	242.9
Transportation-related Sales Tax Revenues	138.9	148.3	156.2	163.1	169.5	176.0	190.4	215.5	235.9	242.9
Saskatchewan										
Road Mode	86.0	95.5	88.3	94.0	95.5	103.1	111.1	120.1	126.0	130.5
Transportation-related Sales Tax Revenues	86.0	95.5	88.3	94.0	95.5	103.1	111.1	120.1	126.0	130.5
British Columbia										
Air Mode	0.0	0.0	0.0	3.6	15.4	18.8	16.8	3.9	0.0	0.0
Road Mode	617.6	649.8	619.6	633.2	688.9	728.6	760.1	780.4	835.1	895.1
Other Modes ⁴	0.0	0.0	0.0	2.5	12.1	19.2	16.0	4.0	0.0	0.0
Transportation-related Sales Tax Revenues	617.6	649.8	619.6	639.3	716.4	766.7	792.9	788.2	835.1	895.1

Table G4 continues on the next page

Table G4: Government Revenues from Transport Users, 2006/07–2015/16 (continued)

(Millions of dollars)

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Total (all provinces/territories)⁵										
Air Mode	35.2	37.8	38.5	45.2	86.1	111.0	115.7	104.9	107.6	113.8
Road Mode	5,146.4	5,436.3	5,653.1	5,937.9	7,005.2	7,978.0	8,438.2	8,920.6	9,312.3	9,515.2
Other Modes ⁴	46.7	51.0	34.8	45.3	87.4	122.9	125.3	116.7	116.7	123.1
Transportation-related Sales Tax Revenues	5,228.3	5,525.1	5,726.4	6,028.4	7,178.6	8,211.9	8,679.2	9,142.2	9,536.6	9,752.1
Federal transportation-related licences and fees										
Marine Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Mode ⁶	4.6	7.3	7.5	5.3	5.0	4.8	4.0	3.9	3.0	1.5
Total (federal government departments and agencies)	4.6	7.3	7.5	5.3	5.0	4.8	4.0	3.9	3.0	1.5
Provincial/Territorial transportation-related licences and fees²										
Newfoundland and Labrador	73.0	74.0	67.4	70.2	62.3	68.3	73.5	73.5	79.0	86.2
Prince Edward Island	12.0	13.0	13.0	14.5	13.3	13.7	15.1	18.4	18.9	18.8
Nova Scotia	74.0	99.0	82.1	85.4	80.5	83.2	113.4	120.5	120.5	120.5
New Brunswick	88.0	88.0	94.0	101.4	103.5	113.7	120.0	125.7	127.9	132.0
Quebec	1,007.0	1,031.0	1,058.7	1,100.3	941.7	848.7	914.4	940.1	963.0	1,139.0
Ontario	969.8	1,051.0	1,033.9	1,057.4	1,080.4	1,081.3	1,132.8	1,255.5	1,441.1	1,576.3
Manitoba	119.0	123.0	133.3	137.3	152.8	157.5	173.9	171.1	177.3	178.1
Saskatchewan	138.9	140.6	151.1	158.3	161.1	173.2	183.1	188.4	190.4	200.7
Alberta	359.0	379.0	391.9	377.4	346.6	376.4	420.5	492.0	516.0	517.0
British Columbia	427.0	445.0	449.9	447.9	397.6	405.9	415.0	568.9	575.0	581.0
Yukon	4.0	4.0	4.2	4.1	4.6	4.6	4.5	4.9	4.4	4.4
Northwest Territories	4.0	4.0	3.9	3.9	3.8	3.9	3.8	9.2	9.3	10.1
Nunavut	0.0	0.0	0.1	0.1	0.3	0.4	0.3	0.7	0.7	0.5
Total (all provinces/territories)	3,275.7	3,451.6	3,483.5	3,558.1	3,348.5	3,330.8	3,570.3	3,968.9	4,223.4	4,564.6
Other federal transport-related revenues⁷										
Transport Canada										
Air Mode - user fees	13.1	13.4	14.3	13.5	13.3	14.0	15.7	15.5	15.0	14.2
Air Mode - other	344.3	339.0	318.4	304.9	297.1	323.4	329.7	340.9	357.6	368.4
Marine Mode - user fees	16.7	16.4	16.4	16.9	8.3	16.1	17.6	18.7	19.7	18.8
Marine Mode - other	19.5	21.0	22.2	20.9	32.3	26.1	28.1	27.4	28.0	28.9
Rail Mode - other	12.7	33.4	26.2	13.1	13.8	15.5	16.8	17.2	14.9	14.2
Road Mode - other	5.6	0.2	0.2	0.4	0.2	0.3	0.4	0.4	0.5	0.0
Other Modes - user fees	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.6
Other Modes - other	106.6	90.6	50.2	520.6	60.1	46.5	26.1	15.3	6.3	7.8
Total (Transport Canada)	518.4	514.2	447.9	890.2	425.1	441.9	434.4	435.4	443.1	455.9
Other federal departments/agencies										
Air Mode - user fees ⁵	344.0	403.0	387.0	375.0	600.0	631.0	611.0	698.0	727.0	755.0
Air Mode - other	0.0	0.0	0.0	0.0	0.0	0.0	9.2	18.3	36.7	27.5
Marine Mode - user fees	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.1	3.5
Marine Mode - other	43.5	43.4	43.5	44.2	40.5	41.9	96.3	110.1	110.7	186.1
Rail Mode - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.9	2.9
Road Mode - user fees	0.3	0.0	0.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
Road Mode - other	0.0	0.0	0.0	0.0	0.0	0.0	29.2	35.8	45.4	93.2
Other Modes - other	0.1	0.1	0.0	0.3	0.3	0.2	0.2	0.7	0.6	0.5
Total (other federal government departments and agencies)	387.9	446.5	430.8	420.4	641.3	673.4	745.9	867.6	925.4	1,068.7
Other provincial/territorial transport-related revenues⁸										
Nova Scotia - other	0.0	0.0	0.0	0.0	0.0	0.0	10.2	10.3	16.4	16.4
Quebec - user fees	0.0	0.0	0.0	0.0	0.0	809.4	842.2	913.5	960.2	1,192.2
Quebec - other	0.0	0.0	0.0	0.0	0.0	38.1	54.6	91.2	261.3	0.0
Ontario - user fees	45.2	66.7	45.0	42.5	48.2	43.0	50.7	45.1	34.1	45.2
British Columbia - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.7	45.4	50.5
Northwest Territories - user fees	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.8	7.5
Northwest Territories - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.7	1.2
Total (all provinces/territories)	45.2	66.7	45.0	42.5	48.2	890.5	957.7	1,139.7	1,326.8	1,313.0

Notes:

- Road, rail and other diesel fuel (no breakdown by mode available).
- Only a few provinces/territories were able to break down this revenue category by mode, so we report a combined total for all modes for comparability. Most revenues in this category are from the road mode.
- New item included this year: added 10 years of sales tax revenues from household transportation-related expenses. 2006/2007 and 2015/2016 were imputed.
- Includes rail, marine and other expenditure categories where no breakdown exists.
- Alberta, Yukon, Northwest Territories and Nunavut do not have provincial/territorial sales taxes.
- Revenues from the registrar of imported vehicles program.
- Data for 2014/15 and onwards are sourced from the Public Accounts. Prior to that, sourced mainly from the Departmental Performance Reports (the source table is no longer published).
- Best estimates provided by provincial/territorial respondents. Use with caution.

Sources: Survey responses from selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data.

Table G5: Summary of Provincial Transport Expenditures by Province/Territory, 2006/07–2015/16

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	280.3	305.0	409.2	444.9	512.2	476.3	395.6	395.6	429.5	422.4
Prince Edward Island	92.2	106.4	114.0	124.6	121.8	127.1	121.7	108.8	114.9	119.4
Nova Scotia	397.5	356.8	408.1	420.9	520.3	602.5	603.5	624.6	653.6	653.6
New Brunswick	428.2	925.9	533.0	559.8	629.2	441.8	900.5	391.9	411.2	506.5
Quebec	3,485.8	4,139.4	5,335.1	4,606.3	4,994.8	5,259.0	7,100.5	10,005.8	9,604.6	10,281.1
Ontario	4,098.2	5,058.8	4,084.0	2,521.4	2,521.3	2,641.2	4,164.4	4,330.7	4,647.1	5,339.9
Manitoba	368.9	511.3	540.8	662.2	591.0	582.6	602.7	646.4	810.4	943.0
Saskatchewan	346.8	439.4	598.7	574.7	599.0	598.4	582.6	626.7	693.7	790.9
Alberta	1,403.4	1,937.9	2,330.4	3,160.1	2,684.9	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5
British Columbia	2,484.5	2,726.2	2,224.0	2,306.5	2,668.8	2,297.0	2,371.0	2,448.5	2,286.8	2,337.5
Yukon	108.8	96.3	107.6	116.3	99.7	99.3	113.6	113.5	137.0	137.0
Northwest Territories	99.3	98.9	125.2	164.9	352.8	210.4	204.9	260.9	349.0	324.9
Nunavut	25.2	47.6	45.8	33.2	40.1	39.2	59.8	123.7	91.2	126.6
Total (all provinces/territories)	13,619.0	16,749.8	16,855.9	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,481.5	24,472.2
	(Thousands of persons)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Population by Province/Territory¹										
Newfoundland and Labrador	510.3	510.2	513.4	519.0	522.8	525.9	527.3	528.5	528.7	529.4
Prince Edward Island	137.9	138.0	139.5	140.6	142.7	144.5	145.2	145.3	146.2	147.0
Nova Scotia	937.0	935.3	937.0	940.5	944.2	945.3	945.0	943.6	944.1	945.2
New Brunswick	744.9	746.1	747.8	751.1	754.3	755.7	756.8	755.6	755.3	754.5
Quebec	7,652.9	7,713.0	7,786.4	7,871.4	7,955.0	8,031.4	8,108.3	8,174.3	8,235.2	8,279.2
Ontario	12,700.3	12,806.6	12,926.6	13,046.8	13,188.7	13,317.1	13,463.3	13,609.5	13,735.3	13,854.2
Manitoba	1,183.9	1,191.7	1,199.6	1,211.9	1,224.8	1,237.8	1,254.6	1,269.6	1,285.8	1,301.4
Saskatchewan	993.3	1,007.3	1,022.5	1,039.5	1,056.1	1,070.9	1,091.9	1,109.7	1,125.1	1,137.4
Alberta	3,453.7	3,533.3	3,619.3	3,694.5	3,747.5	3,807.0	3,908.8	4,029.1	4,133.6	4,201.5
British Columbia	4,258.2	4,312.0	4,371.3	4,431.7	4,483.7	4,520.3	4,564.9	4,612.7	4,670.9	4,713.8
Yukon	32.4	32.7	33.3	34.0	34.8	35.5	36.2	36.2	37.0	37.2
Northwest Territories	43.2	43.3	43.3	42.9	43.3	43.5	43.6	43.7	44.1	44.4
Nunavut	30.9	31.6	32.0	32.8	33.6	34.4	34.9	35.6	36.2	36.7
Total (all provinces/territories)	32,679.0	33,001.1	33,371.8	33,756.7	34,131.5	34,469.3	34,880.9	35,293.3	35,677.5	35,981.7
	(Dollars per capita)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Per Capita Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	549.3	597.8	797.0	857.4	979.6	905.7	750.2	748.6	812.3	797.9
Prince Edward Island	668.3	770.5	817.3	885.9	853.0	879.7	838.1	748.8	785.8	812.3
Nova Scotia	424.2	381.5	435.5	447.5	551.1	637.4	638.6	662.0	692.3	691.5
New Brunswick	574.8	1,241.0	712.8	745.3	834.2	584.6	1,189.9	518.6	544.4	671.4
Quebec	455.5	536.7	685.2	585.2	627.9	654.8	875.7	1,224.1	1,166.3	1,241.8
Ontario	322.7	395.0	315.9	193.3	191.2	198.3	309.3	318.2	338.3	385.4
Manitoba	311.6	429.1	450.8	546.4	482.5	470.7	480.3	509.1	630.3	724.6
Saskatchewan	349.2	436.2	585.5	552.9	567.2	558.8	533.6	564.7	616.6	695.4
Alberta	406.3	548.5	643.9	855.3	716.5	715.5	662.1	596.8	544.9	592.5
British Columbia	583.5	632.2	508.8	520.5	595.2	508.2	519.4	530.8	489.6	495.9
Yukon	3,360.7	2,948.6	3,231.6	3,419.2	2,865.2	2,793.3	3,135.0	3,134.5	3,701.5	3,679.3
Northwest Territories	2,298.3	2,286.7	2,891.8	3,841.9	8,148.6	4,832.9	4,697.2	5,969.5	7,920.8	7,317.8
Nunavut	816.1	1,508.1	1,434.0	1,012.4	1,193.3	1,140.5	1,714.2	3,474.0	2,520.9	3,453.5
Total (all provinces/territories)	416.8	507.6	505.1	465.0	478.6	467.0	567.9	637.0	630.1	680.1

Notes:

1 Population as of the mid-point of the fiscal year (October 1), taken from official estimates.

Source: Transport Canada calculations based on Table G6 and Statistics Canada population estimates.

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2006/07–2015/16

(Millions of dollars)

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
AIR MODE										
Newfoundland and Labrador										
Operating	11.1	11.3	18.2	14.9	14.7	16.1	20.5	20.5	17.2	22.1
Capital	0.0	0.0	0.0	28.8	56.0	34.3	1.9	1.9	40.6	17.9
Operating and capital	11.1	11.3	18.2	43.7	70.7	50.4	22.4	22.4	57.8	40.0
Transfer payments	0.1	0.5	0.2	0.3	0.7	0.2	1.2	1.2	0.0	0.0
Gross expenditures	11.2	11.8	18.4	44.0	71.4	50.6	23.6	23.6	57.8	40.0
Federal transfers to provinces/territories ¹	(0.6)	(1.6)	(0.3)	(0.3)	(0.3)	(1.8)	(1.2)	(1.2)	(2.6)	(2.3)
Net expenditures	10.6	10.2	17.4	43.7	71.1	48.8	22.4	22.4	55.2	37.7
Quebec										
Operating	1.7	1.9	1.5	24.4	26.7	32.6	35.0	29.0	18.4	22.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	26.8
Operating and capital	1.7	1.9	1.5	24.4	26.7	32.6	35.0	29.0	42.5	49.5
Transfer payments	2.2	7.5	8.0	8.4	8.5	8.1	7.9	2.9	2.9	0.0
Gross expenditures	4.0	9.4	9.5	32.8	35.2	40.7	42.9	31.9	45.4	49.5
Federal transfers to provinces/territories ¹	(4.0)	(2.5)	(2.6)	(6.0)	(0.1)	0.4	0.0	0.0	0.2	0.0
Net expenditures	(0.0)	6.9	7.0	26.8	35.1	41.1	42.9	31.9	45.6	49.5
Ontario										
Operating	5.8	5.3	5.1	5.3	6.6	6.5	8.1	12.3	11.4	11.7
Capital	4.1	5.0	2.5	3.1	8.2	3.7	5.4	4.6	1.9	2.9
Operating and capital	9.9	10.3	7.6	8.4	14.8	10.2	13.5	16.9	13.3	14.6
Transfer payments	(1.5)	(1.9)	(0.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	8.4	8.4	7.3	8.4	14.8	10.2	13.5	16.9	13.3	14.6
Manitoba										
Operating	9.5	7.6	6.3	3.6	1.6	8.1	8.8	11.6	13.4	12.8
Capital	2.5	4.4	3.6	1.2	2.4	1.2	2.9	0.9	1.1	0.5
Operating and capital	12.0	12.0	9.9	4.8	4.0	9.3	11.7	12.5	14.5	13.3
Transfer payments	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Gross expenditures	12.1	12.1	10.0	4.9	4.1	9.4	11.8	12.5	14.5	13.3
Federal transfers to provinces/territories ¹	(0.9)	(0.3)	(0.4)	0.0	0.0	0.0	(0.3)	0.8	0.0	1.1
Net expenditures	11.2	11.8	9.6	4.9	4.1	9.4	11.5	13.3	14.5	14.4
Saskatchewan										
Operating	1.7	2.2	2.1	1.8	1.9	2.0	3.0	2.0	2.0	2.0
Capital	0.0	0.0	0.4	0.5	0.5	0.0	0.0	0.0	0.2	14.6
Operating and capital	1.7	2.2	2.5	2.2	2.4	2.0	3.0	2.0	2.2	16.6
Transfer payments	0.1	0.5	0.1	0.1	0.1	0.1	0.8	0.7	0.7	0.0
Net expenditures	1.8	2.7	2.6	2.3	2.5	2.1	3.8	2.7	2.9	16.6
Alberta										
Transfer payments	1.3	2.1	2.0	3.2	2.4	1.0	2.6	1.5	0.0	0.1
Net expenditures	1.3	2.1	2.0	3.2	2.4	1.0	2.6	1.5	0.0	0.1
British Columbia										
Transfer payments	4.7	4.0	12.2	3.4	0.0	0.0	0.0	0.0	0.0	3.7
Net expenditures	4.7	4.0	12.2	3.4	0.0	0.0	0.0	0.0	0.0	3.7
Yukon										
Operating	6.7	7.3	8.4	8.3	8.7	9.5	10.2	10.9	10.4	10.4
Capital	5.1	5.7	6.1	13.5	5.6	3.5	5.0	9.8	18.5	18.5
Gross expenditures	11.7	13.0	14.5	21.8	14.3	12.9	15.2	20.7	28.9	28.9
Federal transfers to provinces/territories ¹	(1.8)	(0.3)	(0.1)	(5.0)	(0.0)	(0.2)	(0.3)	(0.1)	(5.6)	(5.6)
Net expenditures	9.9	12.7	14.4	16.7	14.3	12.7	14.9	20.6	23.3	23.3
Northwest Territories										
Operating	18.0	18.0	17.6	18.5	23.2	24.1	16.2	29.6	26.2	30.0
Capital	6.3	1.8	9.6	16.6	20.4	10.7	6.6	4.3	6.0	2.4
Operating and capital	24.3	19.7	27.2	35.0	43.7	34.8	22.8	34.0	32.2	32.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	7.4	1.6
Gross expenditures	24.3	19.7	27.2	35.0	43.7	34.8	22.8	34.2	39.6	34.0
Federal transfers to provinces/territories ¹	0.0	(0.8)	(5.5)	(0.8)	0.0	(0.3)	(0.2)	(0.3)	(7.4)	(1.6)
Net expenditures	24.3	19.0	21.7	34.3	43.7	34.5	22.6	34.0	32.2	32.4
Nunavut										
Operating	24.3	13.1	13.4	13.2	17.7	17.6	22.3	24.2	21.9	24.5
Capital	0.0	11.8	11.3	6.9	6.3	8.1	8.3	71.8	62.7	91.8
Operating and capital	24.3	24.9	24.7	20.1	24.0	25.7	30.6	96.0	84.6	116.3
Transfer payments	0.0	9.7	8.0	4.9	5.9	1.9	18.0	23.5	3.4	6.7
Gross expenditures	24.3	34.6	32.7	24.9	29.9	27.5	48.6	119.5	88.0	123.0
Federal transfers to provinces/territories ¹	0.0	(9.7)	(8.0)	(4.9)	(5.9)	(1.9)	(18.0)	(23.5)	(3.4)	(6.7)
Net expenditures	24.3	24.9	24.7	20.1	24.0	25.7	30.6	96.0	84.6	116.3

Table G6 continues on next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Total (all provinces/territories)										
Operating	78.8	66.7	72.6	90.0	101.1	116.4	124.0	140.1	120.9	136.2
Capital	18.0	28.6	33.5	70.5	99.4	61.4	30.1	93.3	155.1	175.4
Operating and capital	96.8	95.3	106.1	160.5	200.6	177.8	154.2	233.4	276.0	311.6
Transfer payments	7.0	22.4	30.3	20.4	17.6	11.4	30.6	30.1	14.4	12.1
Gross expenditures	103.8	117.7	136.4	180.8	218.2	189.2	184.8	263.5	290.4	323.7
Federal transfers to provinces/territories ¹	(7.3)	(15.1)	(17.5)	(17.0)	(6.3)	(3.8)	(20.0)	(24.3)	(18.8)	(15.0)
Net expenditures	96.5	102.6	118.9	163.8	211.9	185.4	164.8	239.3	271.6	308.7
MARINE MODE										
Newfoundland and Labrador										
Operating	38.9	54.8	73.0	66.3	66.4	82.5	77.7	77.7	87.8	79.5
Capital	0.0	0.0	0.0	24.1	27.6	5.9	5.4	5.4	31.1	25.0
Net expenditures	38.9	54.8	73.0	90.4	94.0	88.4	83.1	83.1	118.9	104.5
Nova Scotia										
Operating	6.8	8.1	8.5	8.6	10.5	10.2	10.2	10.5	11.0	11.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	3.9	3.9
Net expenditures	6.8	8.1	8.5	8.6	10.5	10.2	10.8	11.2	14.9	14.9
New Brunswick										
Operating	11.9	14.0	16.1	14.3	14.8	18.5	22.3	21.6	22.6	21.0
Capital	8.5	10.6	8.8	19.4	51.2	21.6	4.4	4.1	7.4	13.6
Net expenditures	20.4	24.6	24.9	33.7	66.0	40.1	26.7	25.7	30.0	34.6
Quebec										
Operating	10.7	9.6	10.9	10.7	0.9	91.2	96.0	95.3	120.7	139.7
Transfer payments	10.1	12.9	17.8	15.0	7.2	4.9	4.9	4.8	4.8	0.0
Net expenditures	20.8	22.5	28.6	25.6	8.1	96.1	100.9	100.1	125.5	139.7
Ontario										
Operating	8.9	11.0	12.3	12.5	11.6	11.6	13.1	12.0	12.3	12.0
Transfer payments	7.0	4.1	5.3	4.5	5.3	6.3	6.1	6.4	6.9	9.0
Net expenditures	15.9	15.1	17.6	17.0	16.9	17.9	19.2	18.4	19.2	21.0
Manitoba										
Operating	0.0	0.5	0.2	0.6	0.0	0.0	1.0	3.8	3.5	3.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0
Operating and capital	0.0	0.5	0.2	0.6	0.0	0.0	3.7	3.8	3.5	3.9
Transfer payments	0.0	0.0	0.8	0.0	4.0	5.0	0.0	0.3	0.0	1.1
Gross expenditures	0.0	0.5	1.0	0.6	4.0	5.0	3.7	4.1	3.5	5.0
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.0	1.0
Net expenditures	0.0	0.5	1.0	0.6	4.0	5.0	3.7	6.4	4.5	6.0
Saskatchewan										
Operating	3.7	3.6	3.9	3.7	3.7	4.0	3.5	3.6	3.7	3.7
Capital	0.1	0.0	0.0	0.0	0.0	0.7	3.0	2.2	0.5	1.8
Net expenditures	3.8	3.6	3.9	3.7	3.7	4.7	6.6	5.8	4.2	5.5
Alberta										
Operating	3.3	2.0	2.3	2.1	2.0	2.2	2.0	1.6	2.1	1.5
Net expenditures	3.3	2.0	2.3	2.1	2.0	2.2	2.0	1.6	2.1	1.5
British Columbia										
Operating	16.0	16.0	19.0	19.0	19.0	20.7	21.3	20.8	22.6	24.6
Transfer payments	159.0	155.0	172.0	170.0	171.0	177.0	201.3	198.0	193.1	189.4
Gross expenditures	175.0	171.0	191.0	189.0	190.0	197.7	222.6	218.8	215.7	214.0
Federal transfers to provinces/territories ¹	0.0	0.0	(26.3)	(26.9)	(26.9)	(27.5)	(28.1)	(28.5)	(28.4)	(28.7)
Net expenditures	175.0	171.0	164.7	162.1	163.1	170.2	194.5	190.3	187.3	185.3
Northwest Territories										
Operating	4.1	5.1	5.4	4.7	5.1	5.9	5.0	8.1	7.8	8.7
Capital	6.3	1.8	9.6	16.6	20.4	10.7	6.6	1.0	1.0	1.0
Net expenditures	10.4	6.8	15.0	21.3	25.6	16.5	11.6	9.1	8.8	9.7
Nunavut										
Operating	0.9	0.3	0.3	0.5	0.7	0.2	0.2	0.2	0.2	0.3
Capital	0.0	11.8	11.3	6.9	6.3	8.1	8.3	1.7	0.4	0.6
Operating and capital	0.9	12.1	11.6	7.4	7.0	8.2	8.5	1.9	0.6	0.9
Transfer payments	0.0	0.0	0.0	0.0	0.6	0.5	0.5	0.0	0.0	0.0
Gross expenditures	0.9	12.1	11.6	7.4	7.6	8.7	9.0	1.9	0.6	0.9
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(0.6)	(0.5)	(0.5)	0.0	0.0	0.0
Net expenditures	0.9	12.1	11.6	7.4	7.0	8.2	8.5	1.9	0.6	0.9

Table G6 continues on next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2006/07–2015/16 (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Total (all provinces/territories)										
Operating	105.2	125.0	151.9	142.9	134.7	246.9	252.4	255.2	294.3	305.9
Capital	14.9	24.1	29.7	67.0	105.5	46.9	31.1	15.1	44.3	45.9
Operating and capital	120.2	149.1	181.5	209.9	240.2	293.8	283.4	270.3	338.6	351.8
Transfer payments	176.1	172.0	195.9	189.5	188.1	193.7	212.8	209.5	204.8	199.5
Gross expenditures	296.2	321.1	377.4	399.3	428.4	487.4	496.2	479.8	543.4	551.3
Federal transfers to provinces/territories ¹	0.0	0.0	(26.3)	(26.9)	(27.5)	(28.0)	(28.6)	(26.2)	(27.4)	(27.7)
Net expenditures	296.2	321.1	351.1	372.4	400.9	459.4	467.6	453.6	516.0	523.6
RAIL MODE										
New Brunswick										
Operating	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5
Capital	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.1	0.2
Net expenditures	0.4	0.4	0.4	0.5	0.4	0.5	0.6	0.7	0.5	0.7
Quebec										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.9
Operating and capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.7
Transfer payments	4.7	3.9	5.8	8.0	8.5	1.9	1.7	2.0	2.0	0.0
Gross expenditures	4.7	3.9	5.8	8.0	8.5	1.9	1.7	2.0	6.7	5.7
Federal transfers to provinces/territories ¹	0.0	0.0	(0.3)	(5.3)	(3.9)	(4.0)	(7.5)	(7.5)	(7.5)	(12.8)
Net expenditures	4.7	3.9	5.5	2.7	4.6	(2.1)	(5.7)	(5.5)	(0.8)	(7.1)
Ontario										
Operating	0.4	0.4	1.1	1.0	1.4	1.0	0.7	0.7	1.0	0.8
Capital	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.9	1.3	1.1	1.0	1.4	1.0	0.7	0.7	1.0	0.8
Transfer payments	23.5	45.1	44.9	52.6	66.2	75.7	87.0	111.5	83.2	94.8
Net expenditures	24.4	46.4	46.0	53.6	67.6	76.7	87.7	112.2	84.2	95.6
Manitoba										
Operating	0.0	0.5	0.0	0.6	0.0	0.0	0.4	0.0	0.0	0.0
Transfer payments	0.1	0.0	4.9	7.5	0.8	1.2	0.0	1.7	0.0	0.0
Gross expenditures	0.1	0.5	4.9	8.1	0.8	1.2	0.4	1.7	0.0	0.0
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
Net expenditures	0.1	0.5	4.9	8.1	0.8	1.2	0.4	3.4	0.0	0.0
Saskatchewan										
Operating	1.1	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3
Net expenditures	1.1	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3
Total (all provinces/territories)										
Operating	1.9	2.5	2.8	3.2	3.0	2.6	2.8	2.4	3.7	4.4
Capital	0.5	0.9	0.0	0.1	0.0	0.1	0.1	0.2	3.8	4.1
Operating and capital	2.4	3.4	2.8	3.3	3.0	2.7	2.9	2.6	7.5	8.5
Transfer payments	28.3	49.0	55.6	68.1	75.5	78.8	88.7	115.2	85.2	94.8
Gross expenditures	30.7	52.4	58.4	71.3	78.5	81.5	91.6	117.8	92.7	103.3
Federal transfers to provinces/territories ¹	0.0	0.0	(0.3)	(5.3)	(3.9)	(4.0)	(7.5)	(5.8)	(7.5)	(12.8)
Net expenditures	30.7	52.4	58.0	66.0	74.6	77.5	84.2	112.0	85.2	90.5
ROAD MODE										
Newfoundland and Labrador										
Operating	137.8	158.1	198.7	207.5	211.5	202.1	170.0	170.0	152.8	189.4
Capital	68.9	67.0	83.4	103.0	135.3	135.2	118.9	118.9	100.0	88.5
Operating and capital	206.7	225.1	282.1	310.5	346.8	337.3	288.9	288.9	252.8	277.9
Transfer payments	23.5	13.3	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	230.2	238.4	317.8	310.5	346.8	337.3	288.9	288.9	252.8	277.9
Federal transfers to provinces/territories ¹	(7.3)	(10.9)	(38.9)	(59.8)	(37.5)	(28.3)	(17.3)	(17.3)	(3.3)	(11.0)
Net expenditures	222.9	227.5	278.9	250.7	309.3	309.0	271.6	271.6	249.5	266.9
Prince Edward Island										
Operating	59.4	63.1	70.1	65.6	62.0	88.3	82.3	69.7	76.3	70.3
Capital	29.5	31.4	35.3	58.9	59.6	38.7	39.3	39.0	38.5	49.0
Operating and capital	88.9	94.5	105.4	124.5	121.6	127.0	121.6	108.7	114.8	119.3
Transfer payments	2.9	11.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	91.8	106.0	113.6	124.5	121.6	127.0	121.6	108.7	114.8	119.3
Federal transfers to provinces/territories ¹	(0.5)	(0.4)	(0.4)	(0.3)	(5.8)	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)
Net expenditures	91.3	105.6	113.2	124.2	115.8	122.4	118.5	98.7	105.7	110.2

Table G6 continues on next page

Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Nova Scotia										
Operating	156.2	197.1	197.0	176.3	209.8	334.2	342.0	364.4	386.7	386.7
Capital	211.3	137.7	188.2	236.0	300.0	258.2	250.8	249.1	229.8	229.8
Operating and capital	367.5	334.8	385.2	412.3	509.8	592.4	592.7	613.4	616.5	616.5
Transfer payments	23.2	13.9	14.4	0.0	0.0	0.0	0.0	0.0	22.2	22.2
Gross expenditures	390.7	348.7	399.6	412.3	509.8	592.4	592.7	613.4	638.7	638.7
Federal transfers to provinces/territories ¹	(0.5)	0.0	0.0	0.0	0.0	(19.4)	(20.5)	(18.9)	0.0	(20.0)
Net expenditures	390.2	348.7	399.6	412.3	509.8	573.0	572.3	594.5	638.7	618.7
New Brunswick										
Operating	155.2	179.2	188.6	174.5	156.6	156.1	152.8	129.5	137.2	128.0
Capital	232.2	712.1	310.1	351.1	406.2	245.1	720.4	236.0	243.5	343.2
Operating and capital	387.4	891.3	498.7	525.6	562.8	401.2	873.2	365.5	380.7	471.2
Transfer payments	20.0	9.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	407.4	900.9	507.7	525.6	562.8	401.2	873.2	365.5	380.7	471.2
Federal transfers to provinces/territories ¹	(27.3)	(151.6)	(39.2)	(49.7)	(54.7)	(45.4)	(221.3)	(16.9)	(7.8)	(18.4)
Net expenditures	380.1	749.3	468.5	475.9	508.1	355.8	651.9	348.6	372.9	452.8
Quebec										
Operating	1,406.6	1,610.2	1,881.1	695.3	753.2	805.4	847.3	3,014.1	3,110.0	3,721.5
Capital	1,369.1	1,861.6	2,734.6	3,055.0	3,369.1	3,455.2	3,191.1	3,279.9	2,801.7	2,438.9
Operating and capital	2,775.7	3,471.8	4,615.8	3,750.4	4,122.3	4,260.6	4,038.4	6,294.0	5,911.7	6,160.4
Transfer payments	198.6	183.6	174.9	196.5	200.9	199.2	138.6	203.3	203.3	0.0
Gross expenditures	2,974.2	3,655.4	4,790.6	3,946.8	4,323.1	4,459.8	4,177.0	6,497.3	6,115.0	6,160.4
Federal transfers to provinces/territories ¹	(78.7)	(19.1)	(7.5)	(5.5)	(80.2)	(77.3)	(112.3)	(99.5)	(75.2)	(52.7)
Net expenditures	2,895.5	3,636.3	4,783.2	3,941.3	4,242.9	4,382.4	4,064.7	6,397.8	6,039.8	6,107.7
Ontario										
Operating	439.6	392.8	496.5	471.3	466.5	453.7	468.8	472.2	495.7	515.3
Capital	1,785.2	2,111.9	2,487.4	683.9	722.3	791.2	929.7	1,049.6	988.6	1,053.0
Operating and capital	2,224.8	2,504.7	2,983.9	1,155.2	1,188.8	1,244.9	1,398.5	1,521.8	1,484.3	1,568.3
Transfer payments	80.0	442.1	10.5	53.8	29.5	23.5	27.3	22.5	44.3	34.2
Gross expenditures	2,304.8	2,946.8	2,994.4	1,209.0	1,218.3	1,268.4	1,425.8	1,544.3	1,528.6	1,602.5
Federal transfers to provinces/territories ¹	(33.9)	(43.7)	(22.1)	(16.2)	(43.0)	(33.3)	(33.4)	(37.4)	(35.0)	(43.8)
Net expenditures	2,270.9	2,903.1	2,972.3	1,192.8	1,175.3	1,235.1	1,392.4	1,506.9	1,493.6	1,558.7
Manitoba										
Operating	134.6	143.3	190.0	200.8	156.3	166.1	168.5	190.8	200.2	195.2
Capital	177.1	281.5	222.9	380.4	361.9	347.7	286.1	315.8	454.2	549.8
Operating and capital	311.7	424.8	412.9	581.2	518.2	513.8	454.6	506.6	654.4	745.0
Transfer payments	14.3	39.7	54.9	29.7	23.1	1.8	1.8	45.4	69.2	101.3
Gross expenditures	326.0	464.5	467.8	610.9	541.3	515.6	456.4	552.0	723.6	846.3
Federal transfers to provinces/territories ¹	(5.8)	(1.2)	(0.3)	0.0	0.0	0.0	(35.8)	68.1	87.8	76.1
Net expenditures	320.2	463.3	467.5	610.9	541.3	515.6	420.6	620.1	811.4	922.4
Saskatchewan										
Operating	182.7	242.8	248.5	248.2	219.8	268.4	233.6	233.6	258.2	229.6
Capital	122.1	183.3	215.0	259.7	302.3	295.3	296.3	347.1	390.9	501.0
Operating and capital	304.8	426.1	463.5	507.9	522.1	563.7	529.8	580.7	649.1	730.6
Transfer payments	32.7	5.9	127.3	59.7	69.5	26.8	41.3	36.3	36.2	36.9
Gross expenditures	337.4	432.0	590.9	567.6	591.7	590.5	571.1	617.0	685.3	767.5
Federal transfers to provinces/territories ¹	(31.6)	(9.9)	(3.1)	(80.2)	(90.0)	(54.9)	(23.5)	(23.0)	(28.0)	(59.0)
Net expenditures	305.8	422.1	587.8	487.3	501.7	535.6	547.6	594.0	657.3	708.5
Alberta										
Operating	453.4	439.5	547.0	488.8	475.0	520.9	598.3	640.8	661.9	591.3
Capital	604.0	951.3	1,374.6	1,349.1	1,235.8	1,298.3	1,198.9	1,034.5	1,127.4	1,432.2
Operating and capital	1,057.4	1,390.8	1,921.6	1,837.9	1,710.8	1,819.2	1,797.2	1,675.3	1,789.2	2,023.5
Transfer payments	0.0	0.0	0.0	1,279.7	866.1	665.0	656.0	476.6	221.7	214.1
Gross expenditures	1,057.4	1,390.8	1,921.6	3,117.6	2,576.9	2,484.2	2,453.2	2,151.9	2,010.9	2,237.6
Federal transfers to provinces/territories ¹	(243.8)	(122.3)	(37.0)	(306.9)	(577.2)	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)
Net expenditures	813.6	1,268.5	1,884.6	2,810.7	1,999.7	2,066.7	2,110.3	1,947.8	1,724.5	2,005.0
British Columbia										
Operating	526.9	620.0	779.2	804.8	930.5	759.5	715.5	714.3	728.9	749.0
Capital	1,166.4	1,261.9	885.0	923.1	1,084.7	925.3	1,008.9	1,020.0	826.0	873.0
Operating and capital	1,693.3	1,881.9	1,664.2	1,727.9	2,015.2	1,684.8	1,724.4	1,734.3	1,554.9	1,622.0
Transfer payments	363.5	305.3	42.6	25.2	19.6	19.5	37.4	19.4	18.4	45.5
Gross expenditures	2,056.8	2,187.2	1,706.8	1,753.1	2,034.8	1,704.3	1,761.8	1,753.7	1,573.3	1,667.5
Federal transfers to provinces/territories ¹	(72.8)	(76.5)	(177.5)	(198.8)	(296.9)	(145.0)	(146.4)	(126.7)	(176.0)	(130.4)
Net expenditures	1,984.0	2,110.7	1,529.3	1,554.3	1,737.9	1,559.3	1,615.4	1,627.0	1,397.3	1,537.1

Table G6 continues on next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2006/07–2015/16 (continued)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Yukon										
Operating	35.2	37.5	39.8	40.1	39.4	41.5	44.3	48.7	46.3	46.3
Capital	61.8	45.9	53.3	54.5	45.9	44.8	54.0	43.2	61.6	61.6
Operating and capital	97.0	83.3	93.1	94.5	85.3	86.3	98.3	91.9	107.9	107.9
Transfer payments	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.0	0.2	0.2
Gross expenditures	97.0	83.3	93.2	94.6	85.3	86.3	98.4	92.9	108.1	108.1
Federal transfers to provinces/territories ¹	(3.5)	(3.1)	(1.1)	(8.9)	(13.2)	(8.3)	(7.8)	(5.6)	(6.2)	(6.2)
Net expenditures	93.5	80.2	92.0	85.7	72.1	78.1	90.5	87.3	101.9	101.9
Northwest Territories										
Operating	28.3	29.7	30.7	33.5	59.9	67.4	79.0	71.3	73.5	77.1
Capital	24.0	30.9	37.6	61.0	207.3	76.3	77.6	116.2	133.4	112.3
Operating and capital	52.3	60.6	68.3	94.5	267.2	143.7	156.6	187.4	206.9	189.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	80.6	80.0
Gross expenditures	52.3	60.6	68.3	94.5	267.2	143.7	156.6	206.5	287.5	269.4
Federal transfers to provinces/territories ¹	(12.0)	(18.6)	(16.9)	(3.7)	(42.4)	(22.4)	(39.7)	(19.1)	(80.6)	(80.0)
Net expenditures	40.3	42.0	51.4	90.8	224.8	121.3	116.9	187.4	206.9	189.3
Nunavut										
Operating	0.0	0.3	0.3	0.5	0.7	2.9	2.2	2.3	2.6	2.7
Capital	0.0	0.7	1.3	0.4	0.5	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	1.0	1.6	0.9	1.2	2.9	2.2	2.3	2.6	2.7
Transfer payments	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	1.0	1.6	0.9	2.6	2.9	2.2	2.3	2.6	2.7
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(1.3)	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	1.0	1.6	0.9	1.3	2.9	2.2	2.3	2.6	2.7
Total (all provinces/territories)										
Operating	3,715.9	4,113.5	4,867.6	3,607.1	3,741.2	3,866.4	3,904.5	6,121.7	6,330.3	6,902.3
Capital	5,851.6	7,677.1	8,628.7	7,516.2	8,231.0	7,911.3	8,171.9	7,849.2	7,395.5	7,732.3
Operating and capital	9,567.5	11,790.7	13,496.3	11,123.3	11,972.1	11,777.7	12,076.4	13,970.8	13,725.9	14,634.6
Transfer payments	758.6	1,025.0	477.6	1,644.6	1,210.0	935.9	902.4	823.6	696.0	534.4
Gross expenditures	10,326.1	12,815.6	13,973.8	12,767.8	13,182.2	12,713.6	12,978.8	14,794.4	14,421.9	15,169.0
Federal transfers to provinces/territories ¹	(517.7)	(457.3)	(343.9)	(730.1)	(1,242.2)	(856.4)	(1,004.0)	(510.4)	(619.8)	(587.1)
Net expenditures	9,808.4	12,358.4	13,629.9	12,037.7	11,939.9	11,857.2	11,974.8	14,284.0	13,802.1	14,581.9
TRANSIT										
Prince Edward Island										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Net expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
New Brunswick										
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(35.7)	(58.3)	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.0	0.0	(35.7)	(58.3)	0.0	0.0	0.0	0.0
Quebec										
Operating	11.0	0.0	0.0	0.0	0.0	0.0	1,603.1	1,922.9	1,696.3	2,309.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	475.3	707.5	684.4	787.1
Operating and capital	11.0	0.0	0.0	0.0	0.0	0.0	2,078.4	2,630.4	2,380.7	3,097.0
Transfer payments	283.9	307.3	339.2	439.5	486.2	510.1	552.9	600.5	787.7	828.8
Gross expenditures	294.9	307.3	339.2	439.5	486.2	510.1	2,631.3	3,230.9	3,168.4	3,925.8
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(54.9)	(78.0)
Net expenditures	294.9	307.3	339.2	439.5	486.2	510.1	2,631.3	3,230.9	3,113.5	3,847.8
Ontario										
Transfer payments	1,575.6	1,912.0	878.6	1,099.1	1,062.3	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9
Net expenditures	1,575.6	1,912.0	878.6	1,099.1	1,062.3	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9
Manitoba										
Operating	0.0	23.8	0.0	0.0	27.1	32.7	25.8	0.0	0.0	0.0
Capital	0.0	4.3	0.0	0.0	7.0	9.6	17.5	0.0	0.0	0.0
Operating and capital	0.0	28.1	0.0	0.0	34.1	42.3	43.3	0.0	0.0	0.0
Transfer payments	28.7	2.0	53.4	36.9	0.0	2.2	3.0	48.2	40.9	50.5
Gross expenditures	28.7	30.1	53.4	36.9	34.1	44.5	46.3	48.2	40.9	50.5
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	1.5	5.6
Net expenditures	28.7	30.1	53.4	36.9	34.1	44.5	46.3	64.6	42.4	56.1
Saskatchewan										
Transfer payments	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Alberta										
Transfer payments	271.2	484.6	361.3	0.0	70.0	199.9	93.2	216.0	208.5	215.1
Net expenditures	271.2	484.6	361.3	0.0	70.0	199.9	93.2	216.0	208.5	215.1
British Columbia										
Operating	50.0	51.0	84.0	69.0	147.0	96.0	209.7	299.9	328.0	287.4
Transfer payments	198.0	313.0	230.0	292.0	297.0	299.0	176.9	176.1	169.8	164.9
Net expenditures	248.0	364.0	314.0	361.0	444.0	395.0	386.6	476.0	497.8	452.3
Nunavut										
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(15.0)	(15.0)	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.0	0.0	(15.0)	(15.0)	0.0	0.0	0.0	0.0
Total (all provinces/territories)										
Operating	61.0	74.8	84.0	69.0	174.1	128.7	1,838.6	2,222.9	2,024.4	2,597.4
Capital	0.0	4.3	0.0	0.0	7.0	9.6	492.8	707.5	684.4	787.1
Operating and capital	61.0	79.1	84.0	69.0	181.1	138.3	2,331.4	2,930.4	2,708.8	3,384.5
Transfer payments	2,360.0	3,018.9	1,862.5	1,867.5	1,915.5	2,140.3	3,301.9	3,545.7	4,075.1	4,710.2
Gross expenditures	2,421.0	3,098.0	1,946.5	1,936.5	2,096.6	2,278.6	5,633.3	6,476.1	6,783.9	8,094.7
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(50.7)	(73.3)	0.0	16.4	(53.4)	(72.4)
Net expenditures	2,421.0	3,098.0	1,946.5	1,936.5	2,045.9	2,205.3	5,633.3	6,492.5	6,730.5	8,022.3
OTHER MODES										
Prince Edward Island										
Operating	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0
Capital	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.4	0.4	0.4	0.1	0.2	0.1	0.1	0.0	0.0	0.0
Quebec										
Operating	163.4	118.3	124.4	114.5	99.1	128.6	119.6	113.4	113.4	0.0
Transfer payments	23.8	22.6	36.8	39.1	34.4	22.0	27.1	30.2	30.2	0.0
Net expenditures	187.2	140.9	161.2	153.6	133.5	150.5	146.7	143.6	143.6	0.0
Ontario										
Operating	169.1	130.1	140.1	133.8	138.5	134.9	141.9	133.4	133.0	154.8
Capital	0.0	0.0	0.0	0.5	2.9	4.0	0.3	0.6	0.6	0.5
Net expenditures	169.1	130.1	140.1	134.3	141.4	138.9	142.2	134.0	133.6	155.3
Manitoba										
Operating	2.0	3.4	3.5	0.6	2.5	2.4	74.4	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0
Operating and capital	2.0	3.4	3.5	0.6	2.5	2.4	84.1	0.0	0.0	0.0
Transfer payments	0.0	0.2	0.2	0.2	4.2	4.5	0.0	27.9	27.9	27.9
Gross expenditures	2.0	3.6	3.7	0.8	6.7	6.9	84.1	27.9	27.9	27.9
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	(5.7)	0.0	0.0	0.0
Net expenditures	2.0	3.6	3.7	0.8	6.7	6.9	78.4	27.9	27.9	27.9
Saskatchewan										
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	(0.1)	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.0	0.0	0.0	(0.1)	0.0	0.0	0.0	0.0
Alberta										
Operating	56.3	48.7	33.8	26.7	25.1	27.0	27.1	29.1	26.4	31.4
Capital	13.9	9.7	9.4	10.4	8.6	9.6	10.1	4.2	4.6	3.8
Net expenditures	70.2	58.4	43.2	37.2	33.7	36.6	37.2	33.3	31.0	35.1
Northwest Territories										
Operating	12.3	11.7	14.7	14.1	16.4	15.4	13.9	11.1	13.1	11.8
Gross expenditures	12.3	11.7	14.7	14.1	16.4	15.4	13.9	11.1	13.1	11.8
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	(0.8)	(0.2)	0.0	0.0	0.0
Net expenditures	12.3	11.7	14.7	14.1	16.4	14.6	13.7	11.1	13.1	11.8
Total (all provinces/territories)										
Operating	403.2	312.3	316.7	289.8	281.8	308.4	376.9	287.0	285.9	198.0
Capital	14.1	9.9	9.6	10.9	11.5	13.6	20.2	4.8	5.2	4.3
Operating and capital	417.3	322.2	326.3	300.8	293.3	322.1	397.1	291.8	291.1	202.2
Transfer payments	23.8	22.8	37.0	39.3	38.6	26.5	27.1	58.1	58.1	27.9
Gross expenditures	441.2	345.0	363.3	340.1	331.9	348.5	424.2	349.9	349.2	230.1
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	(0.9)	(5.9)	0.0	0.0	0.0
Net expenditures	441.2	345.0	363.3	340.1	331.9	347.6	418.3	349.9	349.2	230.1

Table G6 continues on next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2006/07–2015/16 (cont)

	(Millions of dollars)									
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
TOTAL (ALL MODES)										
Newfoundland and Labrador										
Operating	187.8	224.2	289.9	288.7	292.6	300.7	268.2	268.2	257.8	291.0
Capital	68.9	67.0	83.4	155.9	218.9	175.4	126.2	126.2	171.7	131.4
Operating and capital	256.7	291.2	373.3	444.6	511.5	476.1	394.4	394.4	429.5	422.4
Transfer payments	23.6	13.8	35.9	0.3	0.7	0.2	1.2	1.2	0.0	0.0
Gross expenditures	280.3	305.0	409.2	444.9	512.2	476.3	395.6	395.6	429.5	422.4
Federal transfers to provinces/territories ¹	(7.9)	(12.5)	(39.9)	(60.1)	(37.8)	(30.1)	(18.5)	(18.5)	(5.9)	(13.3)
Net expenditures	272.4	292.5	369.3	384.8	474.4	446.2	377.1	377.1	423.6	409.1
Prince Edward Island										
Operating	59.5	63.2	70.3	65.7	62.2	88.4	82.4	69.8	76.4	70.4
Capital	29.8	31.7	35.5	58.9	59.6	38.7	39.3	39.0	38.5	49.0
Operating and capital	89.3	94.9	105.8	124.6	121.8	127.1	121.7	108.8	114.9	119.4
Transfer payments	2.9	11.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	92.2	106.4	114.0	124.6	121.8	127.1	121.7	108.8	114.9	119.4
Federal transfers to provinces/territories ¹	(0.5)	(0.4)	(0.4)	(0.3)	(5.8)	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)
Net expenditures	91.7	106.0	113.6	124.3	116.0	122.5	118.6	98.8	105.8	110.3
Nova Scotia										
Operating	163.0	205.2	205.5	184.9	220.3	344.3	352.2	374.9	397.7	397.7
Capital	211.3	137.7	188.2	236.0	300.0	258.2	251.3	249.8	233.7	233.7
Operating and capital	374.3	342.9	393.7	420.9	520.3	602.5	603.5	624.6	631.4	631.4
Transfer payments	23.2	13.9	14.4	0.0	0.0	0.0	0.0	0.0	22.2	22.2
Gross expenditures	397.5	356.8	408.1	420.9	520.3	602.5	603.5	624.6	653.6	653.6
Federal transfers to provinces/territories ¹	(0.5)	0.0	0.0	0.0	0.0	(19.4)	(20.5)	(18.9)	0.0	(20.0)
Net expenditures	397.0	356.8	408.1	420.9	520.3	583.1	583.0	605.7	653.6	633.6
New Brunswick										
Operating	167.5	193.6	205.1	189.2	171.8	175.0	175.6	151.6	160.2	149.5
Capital	240.7	722.7	318.9	370.6	457.4	266.8	724.9	240.3	251.0	357.0
Operating and capital	408.2	916.3	524.0	559.8	629.2	441.8	900.5	391.9	411.2	506.5
Transfer payments	20.0	9.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	428.2	925.9	533.0	559.8	629.2	441.8	900.5	391.9	411.2	506.5
Federal transfers to provinces/territories ¹	(27.3)	(151.6)	(39.2)	(49.7)	(90.4)	(103.7)	(221.3)	(16.9)	(7.8)	(18.4)
Net expenditures	400.9	774.3	493.8	510.1	538.8	338.1	679.2	375.0	403.4	488.1
Quebec										
Operating	1,593.4	1,740.0	2,017.9	844.9	879.8	1,057.8	2,701.0	5,174.7	5,059.8	6,195.6
Capital	1,369.1	1,861.6	2,734.6	3,055.0	3,369.1	3,455.2	3,666.4	3,987.4	3,513.9	3,256.7
Operating and capital	2,962.5	3,601.7	4,752.5	3,900.0	4,249.0	4,512.9	6,367.4	9,162.1	8,573.7	9,452.3
Transfer payments	523.3	537.8	582.6	706.4	745.8	746.1	733.2	843.7	1,030.9	828.8
Gross expenditures	3,485.8	4,139.4	5,335.1	4,606.3	4,994.8	5,259.0	7,100.5	10,005.8	9,604.6	10,281.1
Federal transfers to provinces/territories ¹	(82.7)	(21.6)	(10.3)	(16.8)	(84.3)	(80.9)	(119.8)	(107.0)	(137.4)	(143.5)
Net expenditures	3,403.1	4,117.8	5,324.8	4,589.5	4,910.5	5,178.1	6,980.8	9,898.8	9,467.2	10,137.6
Ontario										
Operating	623.8	539.6	655.1	623.9	624.6	607.7	632.6	630.6	653.4	694.6
Capital	1,789.8	2,117.8	2,489.9	687.5	733.4	798.9	935.4	1,054.8	991.1	1,056.4
Operating and capital	2,413.6	2,657.4	3,145.0	1,311.4	1,358.0	1,406.6	1,568.0	1,685.4	1,644.5	1,751.0
Transfer payments	1,684.6	2,401.4	939.0	1,210.0	1,163.3	1,234.6	2,596.4	2,645.3	3,002.6	3,588.9
Gross expenditures	4,098.2	5,058.8	4,084.0	2,521.4	2,521.3	2,641.2	4,164.4	4,330.7	4,647.1	5,339.9
Federal transfers to provinces/territories ¹	(33.9)	(43.7)	(22.1)	(16.2)	(43.0)	(33.3)	(33.4)	(37.4)	(35.0)	(43.8)
Net expenditures	4,064.3	5,015.1	4,061.9	2,505.2	2,478.3	2,607.9	4,131.0	4,293.3	4,612.1	5,296.1
Manitoba										
Operating	146.1	179.1	200.0	206.2	187.5	209.3	278.8	206.2	217.1	211.9
Capital	179.6	290.2	226.5	381.6	371.3	358.5	318.9	316.7	455.3	550.3
Operating and capital	325.7	469.3	426.5	587.8	558.8	567.8	597.8	522.9	672.4	762.2
Transfer payments	43.2	42.0	114.3	74.4	32.2	14.8	4.9	123.5	138.0	180.8
Gross expenditures	368.9	511.3	540.8	662.2	591.0	582.6	602.7	646.4	810.4	943.0
Federal transfers to provinces/territories ¹	(6.7)	(1.5)	(0.7)	0.0	0.0	0.0	(41.8)	89.3	90.3	83.8
Net expenditures	362.2	509.8	540.1	662.2	591.0	582.6	560.9	735.7	900.7	1,026.8

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Government Spending and Revenues on Transportation

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Saskatchewan										
Operating	189.3	249.7	255.8	254.8	226.6	275.5	241.3	240.4	265.2	236.6
Capital	122.2	183.3	215.4	260.2	302.8	295.9	299.3	349.3	391.6	517.4
Operating and capital	311.4	433.0	471.2	515.0	529.4	571.5	540.6	589.7	656.8	754.0
Transfer payments	35.4	6.4	127.4	59.8	69.6	26.9	42.1	37.0	36.9	36.9
Gross expenditures	346.8	439.4	598.7	574.7	599.0	598.4	582.6	626.7	693.7	790.9
Federal transfers to provinces/territories ¹	(31.6)	(9.9)	(3.1)	(80.2)	(90.0)	(55.0)	(23.5)	(23.0)	(28.0)	(59.0)
Net expenditures	315.2	429.5	595.6	494.5	509.0	543.4	559.1	603.7	665.7	731.9
Alberta										
Operating	513.0	490.2	583.1	517.6	502.0	550.1	627.4	671.5	690.4	624.2
Capital	617.9	961.0	1,384.0	1,359.6	1,244.4	1,307.9	1,209.0	1,038.7	1,132.0	1,436.0
Operating and capital	1,130.9	1,451.2	1,967.1	1,877.1	1,746.5	1,858.1	1,836.4	1,710.2	1,822.3	2,060.2
Transfer payments	272.5	486.7	363.3	1,283.0	938.5	865.9	751.8	694.2	430.2	429.3
Gross expenditures	1,403.4	1,937.9	2,330.4	3,160.1	2,684.9	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5
Federal transfers to provinces/territories ¹	(243.8)	(122.3)	(37.0)	(306.9)	(577.2)	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)
Net expenditures	1,159.6	1,815.6	2,293.4	2,853.2	2,107.7	2,306.5	2,245.2	2,200.3	1,966.1	2,256.9
British Columbia										
Operating	592.9	687.0	882.2	892.8	1,096.5	876.2	946.5	1,035.0	1,079.5	1,061.0
Capital	1,166.4	1,261.9	885.0	923.1	1,084.7	925.3	1,008.9	1,020.0	826.0	873.0
Operating and capital	1,759.3	1,948.9	1,767.2	1,815.9	2,181.2	1,801.5	1,955.4	2,055.0	1,905.5	1,934.0
Transfer payments	725.2	777.3	456.8	490.6	487.6	495.5	415.6	393.5	381.3	403.5
Gross expenditures	2,484.5	2,726.2	2,224.0	2,306.5	2,668.8	2,297.0	2,371.0	2,448.5	2,286.8	2,337.5
Federal transfers to provinces/territories ¹	(72.8)	(76.5)	(203.8)	(225.7)	(323.8)	(172.5)	(174.5)	(155.2)	(204.4)	(159.1)
Net expenditures	2,411.7	2,649.7	2,020.2	2,080.8	2,345.0	2,124.5	2,196.5	2,293.3	2,082.4	2,178.4
Yukon										
Operating	41.8	44.7	48.2	48.4	48.1	50.9	54.6	59.6	56.7	56.7
Capital	66.9	51.5	59.4	67.9	51.5	48.3	59.0	53.0	80.1	80.1
Operating and capital	108.7	96.3	107.6	116.3	99.6	99.2	113.5	112.6	136.8	136.8
Transfer payments	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.0	0.2	0.2
Gross expenditures	108.8	96.3	107.6	116.3	99.7	99.3	113.6	113.5	137.0	137.0
Federal transfers to provinces/territories ¹	(5.3)	(3.4)	(1.2)	(13.9)	(13.3)	(8.5)	(8.2)	(5.7)	(11.8)	(11.8)
Net expenditures	103.5	92.9	106.5	102.4	86.4	90.8	105.4	107.9	125.2	125.2
Northwest Territories										
Operating	62.6	64.5	68.4	70.8	104.6	112.8	114.1	120.1	120.7	127.6
Capital	36.6	34.4	56.8	94.1	248.2	97.7	90.9	121.5	140.4	115.7
Operating and capital	99.3	98.9	125.2	164.9	352.8	210.4	204.9	241.6	261.0	243.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	88.0	81.6
Gross expenditures	99.3	98.9	125.2	164.9	352.8	210.4	204.9	260.9	349.0	324.9
Federal transfers to provinces/territories ¹	(12.0)	(19.3)	(22.3)	(4.5)	(42.4)	(23.5)	(40.1)	(19.3)	(88.0)	(81.6)
Net expenditures	87.3	79.6	102.8	160.4	310.4	186.9	164.8	241.6	261.0	243.3
Nunavut										
Operating	25.2	13.7	14.0	14.1	19.2	20.7	24.7	26.7	24.7	27.5
Capital	0.0	24.2	23.9	14.2	13.1	16.1	16.6	73.5	63.1	92.4
Operating and capital	25.2	37.9	37.8	28.3	32.3	36.8	41.3	100.2	87.8	119.9
Transfer payments	0.0	9.7	8.0	4.9	7.8	2.4	18.5	23.5	3.4	6.7
Gross expenditures	25.2	47.6	45.8	33.2	40.1	39.2	59.8	123.7	91.2	126.6
Federal transfers to provinces/territories ¹	0.0	(9.7)	(8.0)	(4.9)	(22.8)	(17.4)	(18.5)	(23.5)	(3.4)	(6.7)
Net expenditures	25.2	37.9	37.8	28.3	17.3	21.8	41.3	100.2	87.8	119.9
Total (all provinces/territories)										
Operating	4,365.9	4,694.8	5,495.4	4,202.0	4,435.9	4,669.5	6,499.3	9,029.2	9,059.6	10,144.2
Capital	5,899.2	7,745.0	8,701.5	7,664.6	8,454.4	8,042.9	8,746.1	8,670.1	8,288.3	8,749.1
Operating and capital	10,265.1	12,439.8	14,196.9	11,866.6	12,890.3	12,712.4	15,245.4	17,699.4	17,347.9	18,893.4
Transfer payments	3,353.9	4,310.0	2,659.0	3,829.3	3,445.5	3,386.5	4,563.6	4,782.2	5,133.6	5,578.8
Gross expenditures	13,619.0	16,749.8	16,855.9	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,481.5	24,472.2
Federal transfers to provinces/territories ¹	(525.0)	(472.3)	(388.0)	(779.3)	(1,330.6)	(966.4)	(1,066.0)	(550.2)	(726.9)	(715.1)
Net expenditures	13,094.0	16,277.5	16,467.8	14,916.7	15,005.2	15,132.4	18,743.0	21,931.3	21,754.6	23,757.2

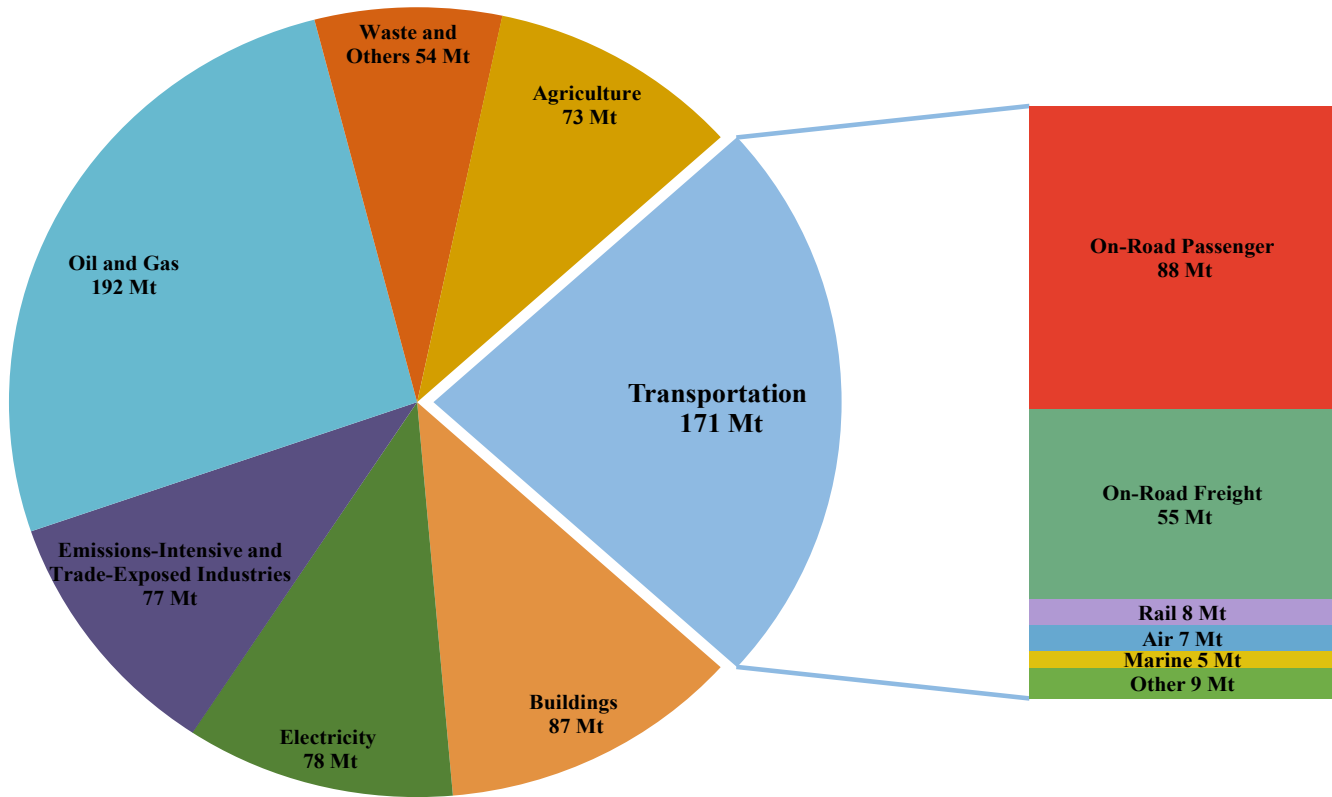
Notes:

¹ Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).

Sources: As reported by provinces and territories. In cases where no data has been reported by the province or territory, data has been estimated using provincial/territorial Public Accounts or other published sources, or has been estimated or carried forward from the previous period.

Environment and Energy

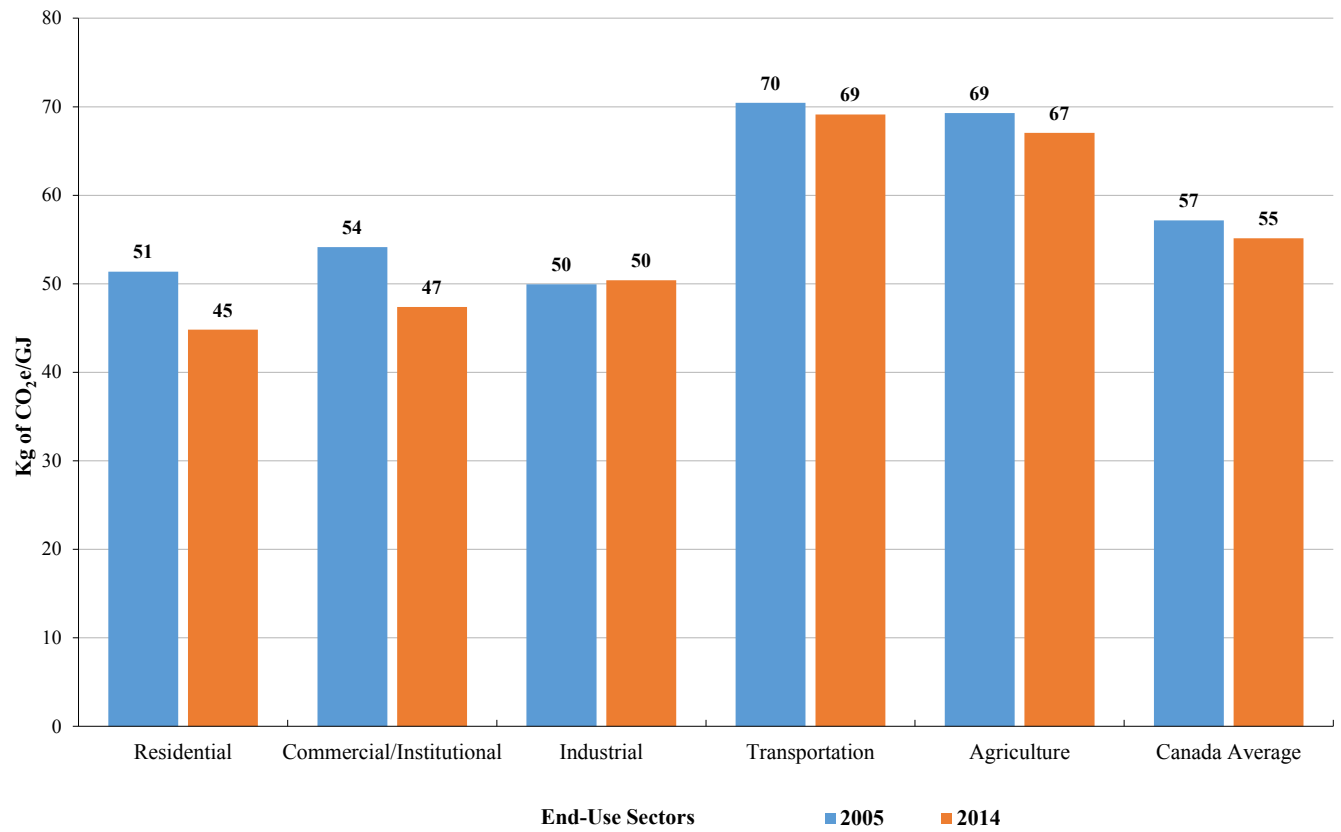
Figure EN1: Greenhouse Gas Emissions, by Economic Sector, 2014



Note: Mt CO₂e= Megatonnes of carbon dioxide equivalent. Totals may not add up due to rounding.

Source: Environment and Climate Change Canada, Canada's 2016 Greenhouse Gas Emissions Reference Case

Figure EN2: Greenhouse Gas Intensity of End-Use Sectors, 2005 and 2014



Note: Kg of CO₂e/GJ= Kilograms of carbon dioxide per gigajoule.

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 1990-2014

Table EN3: Transportation Energy Consumption, by Type and Mode, 2006–2015

 (Petajoules, except where indicated)¹

	2006 ^R	2007 ^R	2008 ^R	2009 ^R	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^P
Overall final energy demand (all sectors and fuels)²	7,355	7,733	7,673	7,373	7,555	7,820	7,846	8,126	8,254	8,156
Transportation³	2,388	2,488	2,475	2,439	2,532	2,521	2,543	2,605	2,571	2,559
<i>Transportation share of overall demand (per cent)</i>	<i>32.5</i>	<i>32.2</i>	<i>32.3</i>	<i>33.1</i>	<i>33.5</i>	<i>32.2</i>	<i>32.4</i>	<i>32.1</i>	<i>31.1</i>	<i>31.4</i>
Transportation subtotals by mode										
Railways	88	95	100	65	85	97	97	94	96	95
Airlines	224	216	204	188	196	203	238	248	246	249
Marine	114	129	125	122	129	104	98	92	85	69
Road transport and urban transit ⁴	327	345	347	369	420	423	446	434	442	436
Retail pump sales	1,540	1,633	1,651	1,653	1,668	1,654	1,627	1,684	1,658	1,665
Manufacturing/Commercial fleets	95	69	48	42	35	40	39	54	43	45
Transportation Demand: Breakdown by fuel and mode⁵										
Gasoline										
Retail pump sales	1,308	1,355	1,345	1,353	1,363	1,335	1,328	1,361	1,338	1,356
Road transport, urban transit and other fleets ⁶	49	51	45	56	67	66	75	79	79	83
Diesel										
Retail pump sales	230	276	304	298	301	316	298	322	318	306
Road transport, urban transit and other fleets ⁶	357	344	330	337	368	376	386	389	388	380
Railways	88	95	100	65	84	96	97	93	95	94
Marine	44	41	37	31	36	37	32	30	29	30
Natural gas										
Retail pump sales and fleets	2	2	2	2	2	2	2	1	4	4
Gas plant natural gas liquids (NGL's)										
Road transport and urban transit ⁴	12	14	14	12	13	14	15	12	10	11
Electricity										
Road transport and urban transit ⁴	3	3	4	3	4	4	4	4	4	4
Aviation fuels										
Aviation turbo fuels	222	214	202	187	195	202	236	246	244	247
Aviation gasoline	1	1	1	1	1	1	1	1	1	2
Heavy fuel oils										
Marine	69	84	85	87	86	61	63	59	51	35
Other fuels										
Air, marine, rail and road transport	3	7	6	7	13	12	8	6	9	7

Notes: R= Revised data. P= Preliminary data. The entire data series was revised at source.

1 According to Statistics Canada, 1 petajoule approximately equals the amount of energy required to operate the Montreal subway system for one full year.

2 Including both primary and secondary energy demand.

3 In this sector, only the use of fuel by the transportation industry for transportation purposes are included, and not fuel used to power transportation structures and equipment. Fuel used to power pipelines is excluded. Gasoline and diesel fuel use for fleets that are owned by manufacturing and commercial firms are included. Data cells that are suppressed by the source are not included in the subtotals.

4 Establishments primarily engaged in truck transport services, in the operation of urban, interurban and rural transit systems, school buses, charter and sightseeing buses, taxis and limousine services to airports and stations.

5 Components might not sum up to the total due to rounding, data suppressed by the source, statistical discrepancies, and immaterial alternative fuels that are not covered.

6 Including manufacturing and commercial fleets as noted above. Agriculture, government and other sectors are excluded. Data cells that are suppressed by the source are assumed to be zero.

Source: Statistics Canada, CANSIM Table 128-0016

Table EN4: Total Transportation Greenhouse Gas Emissions, All Modes, 2000–2020

(Mt CO₂e)

Year	Air ^R	Rail ^R	Marine ^R	On-Road Passenger ^R	On-Road Freight ^R	Other ^R	Total ^R
2000	7.8	6.6	5.0	86.2	36.4	13.9	155.9
2001	7.2	6.6	5.5	87.4	37.8	12.5	156.9
2002	7.0	6.1	5.5	89.2	38.4	12.6	158.7
2003	7.1	6.1	6.4	89.9	40.0	13.7	163.1
2004	7.6	6.3	6.8	90.9	42.7	13.1	167.3
2005	7.7	6.7	6.5	90.3	48.0	11.4	170.6
2006	7.9	7.0	6.0	90.6	49.8	9.3	170.6
2007	7.9	7.5	6.6	91.4	51.9	8.0	173.2
2008	7.4	8.0	6.4	90.1	52.3	7.2	171.4
2009	6.6	5.2	6.6	90.2	52.3	7.1	167.9
2010	6.6	6.7	6.9	91.3	53.2	8.0	172.5
2011	6.3	7.6	5.7	88.7	53.4	8.7	170.4
2012	7.4	7.7	5.7	88.5	54.6	7.6	171.4
2013	7.6	7.4	5.2	91.3	55.4	7.4	174.3
2014	7.5	7.6	4.8	87.8	54.7	8.8	171.3
2015 ^F	7.6	7.5	5.0	87.6	54.5	8.9	171.1
2016 ^F	7.7	7.4	5.2	87.3	54.8	8.9	171.3
2017 ^F	7.7	7.4	5.4	86.3	55.2	9.1	171.1
2018 ^F	7.8	7.4	5.5	85.1	55.4	9.2	170.5
2019 ^F	7.8	7.5	5.6	83.6	55.5	9.3	169.3
2020 ^F	7.8	7.5	5.7	81.9	55.6	9.5	168.1

Notes: R= Revised data. F= Forecast. Mt CO₂e= Megatonnes of carbon dioxide equivalent.

Source: Environment and Climate Change Canada, Canada's 2016 Greenhouse Gas Emissions Reference Case

Table EN5: Air Pollutant Emissions from the Transportation Sector, by Type of Pollutant, 2006–2015

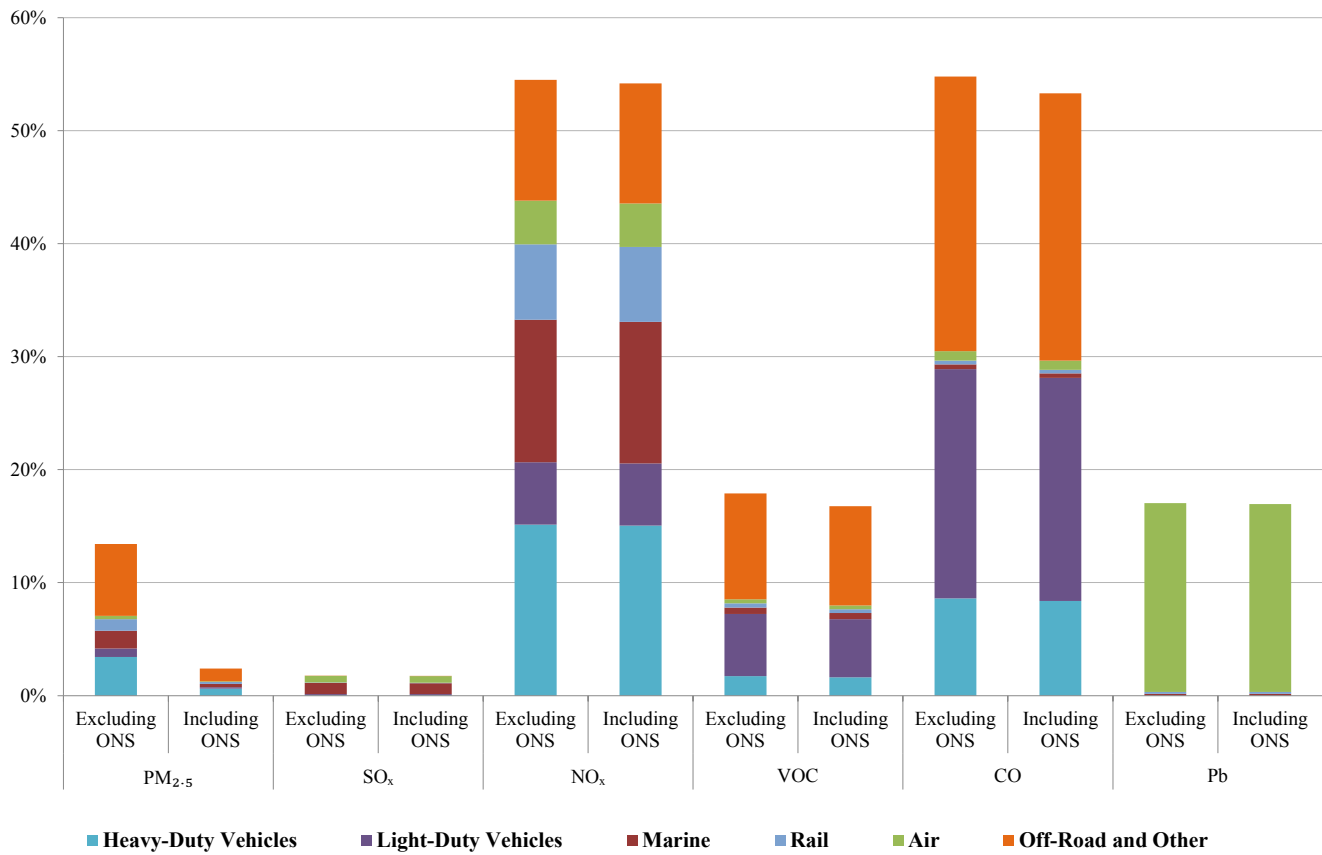
(Kilotonnes)

Year	SO _x	NO _x	PM _{2.5}	VOC	CO
2006 ^R	140	1,367	74	571	4,717
2007 ^R	130	1,335	72	551	4,463
2008 ^R	124	1,286	70	541	4,250
2009 ^R	118	1,164	65	490	3,975
2010 ^R	115	1,191	66	475	3,812
2011 ^R	115	1,156	59	387	3,420
2012 ^R	116	1,106	54	356	3,192
2013 ^R	116	1,080	52	334	3,118
2014 ^R	116	1,046	50	323	3,066
2015	18	1,026	40	312	2,982

Notes: R= Revised data. SO_x= Sulphur oxide. NO_x= Nitrogen oxide. PM_{2.5}= Particulate matter less than or equal to 2.5 microns. VOC= Volatile organic compounds. CO= Carbon monoxide.

Source: Environment and Climate Change Canada, Air Pollutant Emissions Inventory

Figure EN6: Transportation Mode Share of Air Pollutant Emissions, 2015



Notes: ONS= Open and Natural Sources. SO_x= Sulphur oxide. NO_x= Nitrogen oxide. VOC= Volatile organic compounds. CO= Carbon monoxide. PM_{2.5}= Particulate matter less than or equal to 2.5 microns. Pb= Lead.

Sources: Environment and Climate Change Canada, Air Pollutant Emissions Inventory

Table EN7: National Aerial Surveillance Program Key Metrics, 2006/07–2015/16

Fiscal Year	Patrol Hours	Vessel Over-Flights	Pollution Sightings	Oil Volume (litres)
2006 - 2007	1,649	10,063	98	2,107
2007 - 2008	2,578	13,038	151	3,130
2008 - 2009	2,340	9,947	183	2,863
2009 - 2010	2,274	11,262	109	8,111
2010 - 2011	2,506	12,365	84	9,189
2011 - 2012	2,063	12,032	135	1,014
2012 - 2013	2,080	10,134	97	7,813
2013 - 2014	3,877	19,989	214	4,453
2014 - 2015	3,842	19,551	322	3,173
2015 - 2016	2,931	17,427	380	7,942

Source: Transport Canada, Marine Safety

Table EN8: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2005–2014

<i>Railway Operation</i>	<i>Units</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Class I Freight	kg CO ₂ eq/1,000 RTK	17.43	17.48	17.40	17.69	17.02	16.51	16.24	15.88	15.03	14.51
Regional and Short Lines	kg CO ₂ eq/1,000 RTK	17.16	14.84	15.29	15.92	14.27	15.28	14.95	13.51	13.65	11.22
Intercity Passenger	kg CO ₂ eq/Pax-Km	0.13	0.13	0.13	0.12	0.13	0.12	0.12	0.11	0.10	0.10
Commuter Rail	kg CO ₂ eq/Pax	1.83	1.71	1.71	1.71	1.96	2.07	2.20	2.17	2.09	2.09

Notes: RTK= Revenue Tonne Kilometres. Pax-Km= Passenger-Kilometre.

Source: Railway Association of Canada, Locomotive Emissions Monitoring Program

Table EN9: Railway Fuel Consumption, 2006–2015

<i>Railway Operation</i>	(Millions of litres)									
	2006	2007 ^R	2008 ^R	2009	2010	2011	2012	2013	2014 ^R	2015
Class I	1,978.7	2,034.7	1,976.2	1,691.3	1,848.7	1,810.8	1,972.5	1,937.8	2,024.7	1,952.8
Regional	62.2	60.6	60.9	31.9	35.7	39.1	38.8	37.4	35.3	34.7
Short Line	77.5	97.0	63.3	46.6	48.4	50.5	47.9	49.6	46.9	780.3
Total	2,118.4	2,192.3	2,100.4	1,769.7	1,932.8	1,900.4	2,059.2	2,024.7	2,106.9	2,767.8

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

Transportation Safety and Security

Table S1: Summary of Transportation Safety Statistics for Aviation, Marine, Rail, Road and TDG, 2007–2016

	Year	Mode of Transportation				TDG ⁵
		Aviation ¹	Marine ^{2R}	Rail ³	Road ⁴	
Accidents	2016 ^P	184	94	1,001	N/A	291
	2015 ^R	206	76	1,192	118,404	334
	2014 ^R	189	65	1,221	115,491	386
	2013 ^R	233	63	1,068	122,101	392
	2012 ^R	222	95	1,012	124,500	401
	2011 ^R	211	97	1,021	124,199	345
	2010	235	121	1,076	125,636	304
	2009	231	129	1,043	125,456	325
	2008	232	145	1,179	129,764	435
	2007	258	129	1,320	141,070	425
	Fatalities	2016 ^P	29	7	62	N/A
2015 ^R		35	19	46	1,858	0
2014 ^R		13	12	56	1,852	1
2013 ^R		53	18	124	1,954	50
2012 ^R		52	14	79	2,079	0
2011 ^R		57	16	71	2,023	0
2010		66	18	81	2,238	0
2009		64	15	71	2,216	0
2008		44	30	74	2,431	0
2007		44	15	84	2,753	0
Accident Rates		2016 ^P	4.3	15.4	11.2	N/A
	2015 ^R	4.8	12.5	14.4	0.8	N/A
	2014 ^R	4.4	10.6	13.8	0.8	N/A
	2013 ^R	5.4	10.2	12.7	0.8	N/A
	2012 ^R	5.1	15.6	11.8	0.9	N/A
	2011 ^R	4.9	16.7	12.0	0.9	N/A
	2010	5.9	19.0	12.8	1.0	N/A
	2009	6.0	23.2	13.3	1.0	N/A
	2008	5.5	22.3	13.0	1.2	N/A
	2007	6.1	19.9	14.4	1.3	N/A

Notes: R= Revised data. P= Preliminary data. E= Estimated data. N/A= Not available. TDG= Transportation of dangerous goods.

Comparing accident numbers between modes: The reader should be cautioned in making comparisons across modes as the source and criteria for reporting accidents/incidents can vary from mode to mode. For example, the definitions of a Transportation Safety Board (TSB) reportable accident and incident vary among aviation, marine and rail. The type of risk exposure, frequency and magnitude of an accident, including the impact on public perception of safety, also vary. The TDG program, which includes accidents at the modal transportation facilities, does not cover dangerous goods transported in bulk on ships (as well as by pipeline) and therefore limits the type of data comparisons that can be made between in-transit TDG accidents across modes.

Comparing accident rates within and between modes and data limitations: The available activity measures (also referred to as risk exposure or denominator data) and accident numbers (numerator) for determining the rate are also particular to each mode and have their own set of limitations. For marine, data are collected only for commercial vessels over 15 gross tons. In addition, there have been data collection changes over the years. The unit of million vessel-kilometres is being used for the ten-year accident rates for marine. For road, the available casualty rates are based on the number of registered vehicles rather than kilometres. For aviation, hours flown is more representative of risk exposure.

The ten-year trend for rail is available per million train-miles. For all four modes, therefore, the available denominator for measuring activity ranges in the degree of representation of all modal accidents. In addition, some available denominators must be estimated to account for data reporting changes in a certain year or for data lag for the most recent year.

The approximate exposure/activity level estimates for the transportation of dangerous goods lack the precision to provide reasonable accident rate trends. That said, the above denominators not only provide the approximate trends and point to changes in the exposure to risk, with other types of denominators available within the modal operations and for the TDG, they also provide a contextual foundation for the accident (numerator) data.

Comparing time periods: The data reported are preliminary for 2015, as accident/incident reports can be received or revised and updated after the annual report is finalized. The difference between the final and preliminary accident totals has historically been insignificant (e.g. about one per cent) for rail, marine and aviation. For road, collisions reported to the police are collected by the provinces/territories and provided to Transport Canada to develop the national casualty collision statistics. The one calendar year delay is due to the inherent difficulties in handling the collection and processing of high volumes of data (over 600,000 crash cases annually) and the compiling and release of statistics at the jurisdictional and then at the national levels.

In addition, the long-term comparisons can be affected to varying degrees by the industry, government or system-wide changes (e.g. industry restructuring, government devolution and commercialization of operations; regulatory changes, such as accident reporting requirements; and system improvements, including introduction of new technologies).

Comparing fatality numbers: The ten-year trends on annual fatality totals for marine and aviation, which show high fluctuations for some years, may be indicative of the high impact of rare multi-casualty fatal accidents in that year. This is in contrast to road, where the impact of multi-casualty collisions (e.g. pile-ups) on the comparatively very high annual total fatalities is proportionately low. For rail, the total annual fatalities can be influenced by fluctuations in trespasser fatalities, which account for the highest share of the total among all categories of fatal rail accidents.

1 Canadian-registered aircraft, other than ultra-lights, and based on the Canadian Aviation Regulations (CARs). Accidents involving aircraft not operating in accordance with CARs (i.e. military and state aircraft) are not included. Accident rates per 100,000 hours flown.

2 Fatalities involving all Canadian commercial vessels and Foreign vessels in Canadian waters. Accidents and Accident rates (per million vessel-kilometres) for all Canadian commercial vessels, excluding all fishing vessels, passenger vessels and vessels under 15 GT (gross tons). For statistics on all vessel accidents, see Table S12.

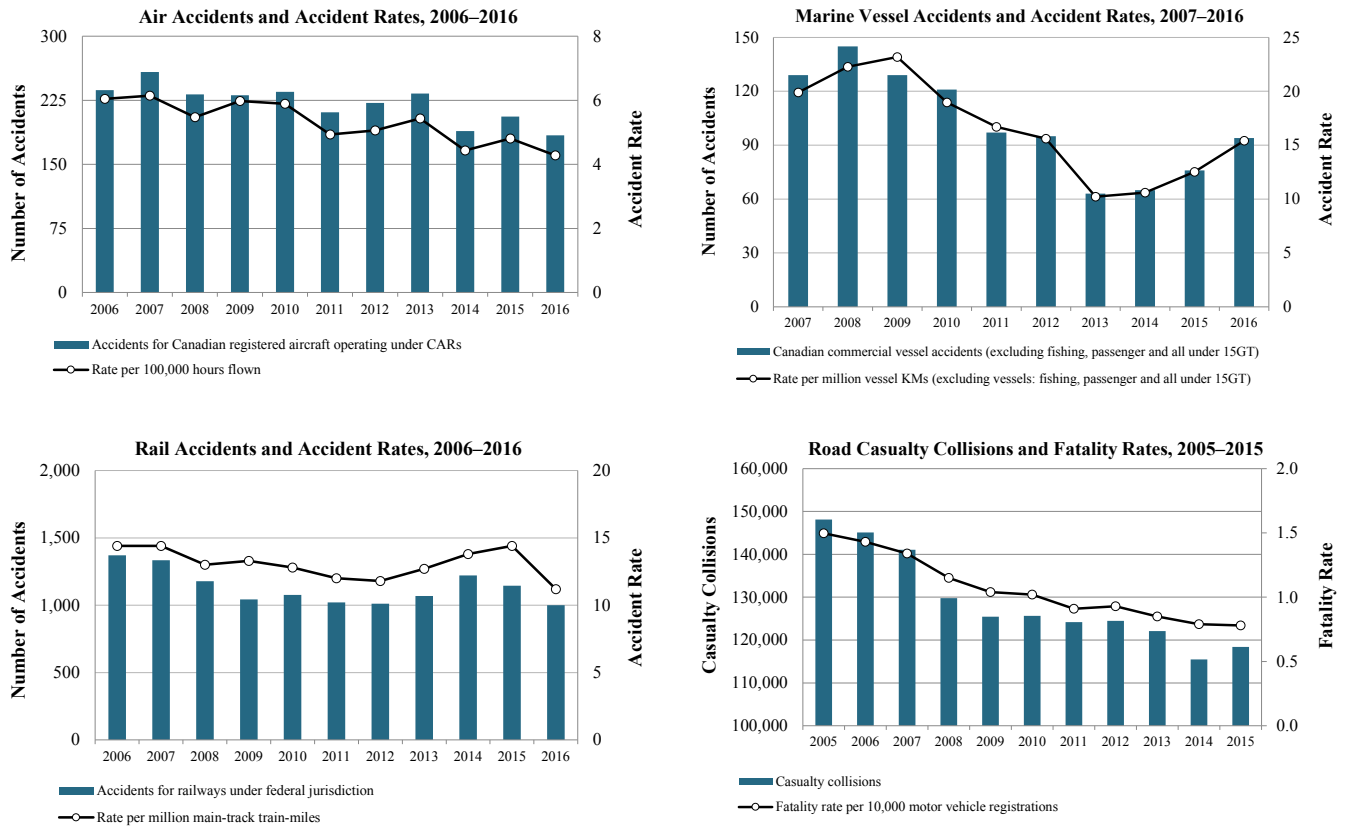
3 Railways under federal jurisdiction. Accident rates are per million train-miles. Train-miles include main track miles and yard switching miles.

4 Road accident rates refer to fatality rates per 10,000 motor vehicle registrations. Road accidents are casualty collisions, which exclude collisions in which only property is damaged.

5 Accidents where transportation of dangerous goods (TDG) was involved. Fatality data relate to only those deaths caused by the dangerous goods. The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline. Dangerous goods accidents are "reportable" when the quantity of dangerous goods released exceeds the amount listed in the table contained in Part 8 of the TDG Regulations. Thresholds for reporting dangerous goods incidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. This will impact future data. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

Figure S2: Accidents and Accident Rates per Activity Measure for Rail, Road, Marine and Aviation



Notes: Road data on accidents and casualties were not available for 2016. GT= gross tons. CARs= Canadian Aviation Regulations.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

Table S3: Railways Under Federal Jurisdiction, Accidents and Incidents, 2008–2016

	2008	2009	2010	2011	2012	2013	2014	2015 ^P	2016	Average 2008–2016
Accident Type										
Crossing collision	221	188	181	170	187	188	180	154	117	176.2
Trespasser accident	73	72	81	67	74	58	55	47	67	66.0
Main-track train derailment	129	67	80	101	63	83	102	72	52	83.2
Main-track train collision	6	5	4	3	6	4	8	4	1	4.6
Non-main-track train derailment	570	497	541	484	499	521	644	617	474	538.6
Non-main track train collision	91	95	93	87	102	92	110	94	64	92.0
Derailment involving track unit	5	20	11	10	7	18	14	21	16	13.6
Collision involving track unit	22	30	23	23	17	23	20	32	13	22.6
Employee accident	11	12	9	10	5	8	7	9	10	9.0
Passenger accident	1	0	0	1	2	0	3	6	4	1.9
Rolling stock with object	6	14	3	18	18	30	27	28	46	21.1
Rolling stock with abandoned vehicle	15	10	9	4	6	9	3	10	8	8.2
Rolling stock damage without derailment/collision	17	13	11	20	9	23	13	19	10	15.0
Fire	12	20	30	23	17	11	35	32	32	23.6
Total Accidents	1,179	1,043	1,076	1,021	1,012	1,068	1,221	1,145	914	1075.4
Incident Type										
Main-track switch in abnormal position	13	4	5	10	5	7	7	13	5	7.7
Movement exceeds limits of authority	111	106	102	118	120	96	128	138	124	115.9
Signal less restrictive than required	3	1	4	3	1	1	2	5	1	2.3
Unprotected overlap of authorities	7	7	3	7	5	4	5	6	4	5.3
Runaway rolling stock	16	11	5	15	9	10	10	14	6	10.7
Crew member incapacitated	2	0	1	0	1	6	2	2	1	1.7
Dangerous goods leakage	64	78	40	51	63	94	63	31	30	57.1
Total Incidents	216	207	160	204	204	218	217	295	237	217.6
Million Train-Miles (MTM)¹	90.9	78.4	84.1	85.2	86.1	83.9	86.2	79.3	81.3	83.9
Accidents per MTM - Accident Rate	13.0	13.3	12.8	12.0	11.8	12.7	13.8	14.4	11.2	12.8
Accident Fatalities										
Crossing collision	26	19	24	25	29	31	21	15	17	23.0
Trespasser accident	47	52	55	45	49	44	33	29	45	44.3
Other	1	0	2	1	4	52	2	1	0	7.0
Total Fatalities	74	71	81	71	82	127	56	45	62	74.3
Accident Injuries										
Crossing collision	36	21	28	22	32	27	22	17	19	24.9
Trespasser accident	20	16	19	21	20	10	20	15	19	17.8
Other	7	13	15	9	19	1	1	13	11	9.9
Total Injuries	63	50	62	52	71	38	43	45	49	52.6
Dangerous Goods Involved in Accidents	151	132	141	116	119	142	169	140	90	133.3
Passenger Train Accidents	79	68	62	66	48	48	57	48	62	59.8
Passenger Train-Miles (PTM)²	6.8	6.7	6.7	6.5	6.3	12.1	12.1	12.5	13.04	9.2
Passenger Rate	11.6	10.1	9.3	10.1	7.6	4.0	4.7	3.9	4.7	7.3

Notes: P= Preliminary data.

The reported occurrences cover only railways under federal jurisdiction. Final figures over preliminary and estimated figures historically have changed less than one per cent. Fatalities and serious injuries involved in incidents are not included in the Fatality and Serious Injury totals. For accident and reportable incident definitions, see Transportation Safety Board Regulation Web site: <http://www.tsb.gc.ca/eng/stats/rail/2011/ss11.asp#AppB>.

1 Train-miles include main track-miles and yard switching miles.

2 PTM= Passenger train-miles; figures are estimated.

Sources: Transport Canada, adapted from the Transportation Safety Board, Transport Canada (activity data)

Table S4: Railways Under Federal Jurisdiction, Accidents by Province/Territory, 2008–2016

<i>Province/Territory</i>	<i>Data</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015^P</i>	<i>2016</i>	<i>Average 2008–2016</i>
Alberta	Occurrences	246	229	245	211	267	270	300	213	172	239.2
	Fatalities	6	6	12	7	12	13	7	6	8	8.6
	Injuries (serious)	11	10	13	9	12	6	9	10	10	10.0
British Columbia	Occurrences	204	171	176	177	167	175	196	198	180	182.7
	Fatalities	4	9	10	8	8	8	11	8	16	9.1
	Injuries (serious)	9	11	10	14	10	4	10	14	9	10.1
Manitoba	Occurrences	114	116	114	101	123	100	132	133	117	116.7
	Fatalities	4	4	4	3	5	2	2	2	4	3.3
	Injuries (serious)	7	3	6	4	9	1	4	2	7	4.8
New Brunswick	Occurrences	24	18	18	23	11	12	25	25	8	18.2
	Fatalities	2	3	1	3	2	2	0	1	0	1.6
	Injuries (serious)	1	0	0	1	0	0	0	0	1	0.3
Newfoundland and Labrador	Occurrences	1	4	4	3	4	3	0	9	14	4.7
	Fatalities	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	0	0	0.0
Northwest Territories and Nunavut	Occurrences	0	4	0	1	0	2	2	1	0	1.1
	Fatalities	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	Occurrences	7	8	7	4	6	3	5	9	5	6.0
	Fatalities	0	1	1	0	0	0	0	0	2	0.4
	Injuries (serious)	1	0	2	0	0	0	0	0	0	0.3
Ontario	Occurrences	327	287	266	255	197	231	274	284	243	262.7
	Fatalities	36	33	35	36	35	41	21	17	22	30.7
	Injuries (serious)	24	12	12	14	30	18	9	11	14	16.0
Quebec	Occurrences	145	115	123	123	113	109	130	162	157	130.8
	Fatalities	17	8	11	12	8	53	13	9	5	15.1
	Injuries (serious)	3	8	15	7	4	4	8	2	5	6.2
Saskatchewan	Occurrences	111	91	123	123	124	163	157	111	105	123.1
	Fatalities	5	7	7	2	12	8	3	2	6	5.8
	Injuries (serious)	7	6	4	3	6	5	7	6	4	5.3
Total Occurrences		1,179	1,043	1,076	1,021	1,012	1,068	1,221	1,145	1,001	1085.1
Total Fatalities		74	71	81	71	82	127	57	45	63	74.6
Total Injuries		63	50	62	52	71	38	47	45	50	53.1

Note: P= Preliminary data.

Source: Transport Canada, adapted from the Transportation Safety Board

Table S5: Railways Under Federal Jurisdiction, Crossing and Trespasser Accidents, 2008–2016

	2008	2009	2010	2011	2012	2013	2014	2015 ^P	2016	Average 2008–2016
Crossing Collisions	221	188	181	170	187	188	180	154	127	177.3
Public automated	114	101	88	87	92	106	86	76	64	90.4
Public passive	63	56	67	60	73	66	66	47	36	59.3
Private	38	30	24	15	18	9	24	26	24	23.1
Farm	6	1	2	8	4	2	4	5	3	3.9
Unknown	0	0	0	0	0	5	0	0	0	0.6
Trespasser Accidents	73	72	81	67	74	58	55	47	69	66.2
Fatalities	47	52	55	45	49	44	33	29	46	44.4
Serious Injuries	20	16	19	21	21	10	21	15	20	18.1
Alberta	7	4	9	7	10	7	10	4	11	7.7
British Columbia	6	13	17	13	11	8	13	12	21	12.7
Manitoba	4	1	3	1	3	2	2	1	4	2.3
New Brunswick	2	3	1	2	1	1	0	1	1	1.3
Newfoundland and Labrador	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	1	0	0	1	0	0	0	0	1	0.3
Ontario	37	35	35	32	33	31	22	21	25	30.1
Quebec	13	12	13	9	10	7	6	5	3	8.7
Saskatchewan	3	4	3	2	6	2	2	3	3	3.1

Note: P= Preliminary data.

Source: Transport Canada, adapted from the Transportation Safety Board

Table S6: Road Casualty Collisions, Fatalities and Injuries, with Rates (per 10,000 MVR and Billion Vehicle-Kilometres), 2006–2015

Year	Casualty Collisions ^{1R}	Fatalities ^{2R}	Injuries ^{3R}	MVR (thousands)	Vehicle Kilometres (millions)	Fatality Rate/10,000 MVR	Injury Rate/10,000 MVR	Fatality Rate/ Billion Vehicle-Kms	Injury Rate ^k / Billion Vehicle-Kms
2006	145,103	2,871	199,976	20,065	326,145	1.4	99.7	8.8	613.2
2007	141,070	2,753	192,745	20,593	332,275	1.3	93.6	8.3	580.1
2008	129,764	2,431	176,394	21,087	325,611	1.2	83.7	7.5	541.7
2009	125,456	2,216	170,770	21,387	333,287	1.0	79.8	6.6	512.4
2010	125,636	2,238	172,081	21,848	335,900	1.0	78.8	6.7	512.3
2011	124,199	2,023	167,741	22,247	337,433	0.9	75.4	6.0	497.1
2012	124,500	2,079	166,479	22,366	340,475	0.9	74.4	6.1	489.0
2013 ^k	122,101	1,954	164,493	23,006	352,367	0.8	71.5	5.5	466.8
2014 ^k	115,491	1,852	155,312	23,539	358,518	0.8	66.0	5.2	433.2
2015 ^P	118,404	1,858	152,063	23,924	365,854	0.8	63.6	5.1	415.6
2006–2015 Average	127,172	2,228	171,805	22,006	340,787	1.0	78.6	6.6	506.1

Notes: MVR= Motor vehicle registrations. R= Revised data. E= Estimated data.

Data for Ontario are preliminary for 2014 and 2015. Data for Newfoundland and Labrador are estimated for 2010 to 2015. Data for New Brunswick are estimated for 2014 and 2015.

1 “Casualty collisions” exclude collisions involving property damage only.

2 “Fatalities” include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec before 2007 (eight days).

3 “Injuries” include all those who suffered any visible injury or complained of pain.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Motor Vehicle Registrations: 2006–2015: Statistics Canada, CANSIM, Table 405-0004

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, “Canadian Vehicle Survey”. Vehicle-kilometres are estimated for 2010–2015

Table S7: Road Casualty Rates (Fatalities and Injuries per Billion Vehicle-Kilometres) by Province/Territory, 2014 and 2015

	<i>Fatalities¹</i>		<i>Injuries²</i>	
	<i>2014^R</i>	<i>2015^P</i>	<i>2014^R</i>	<i>2015^P</i>
Canada	5.2	5.1	433.2	415.6
Newfoundland and Labrador	7.2	8.2	403.7	647.8
Prince Edward Island	3.5	12.3	358.9	354.5
Nova Scotia	4.9	4.8	357.9	414.4
New Brunswick	6.1	6.0	326.5	321.6
Quebec	4.4	4.9	494.1	478.0
Ontario	3.8	3.7	393.1	384.8
Manitoba	4.9	5.5	820.3	808.3
Saskatchewan	9.5	8.7	404.5	368.6
Alberta	6.3	5.5	317.8	247.0
British Columbia	7.7	7.7	562.9	537.6
Yukon	6.3	6.1	268.0	281.1
Northwest Territories	10.3	7.6	228.8	181.4
Nunavut	108.1	26.3	1,270.3	1,289.5

Notes: R= Revised data. E= Estimated data.

Data for Ontario are preliminary. Data for New Brunswick and Newfoundland and Labrador are estimated. Vehicle-kilometres are estimated

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

2 "Injuries" include all those who suffered any visible injury or complained of pain.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, "Canadian Vehicle Survey".

Table S8: Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2010–2015

<i>Vehicle Type</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014^R</i>	<i>Average 2010-2014</i>	<i>2015^E</i>
Commercial Vehicles							
All buses	35	30	26	38	29	32	29
Straight trucks > 4,536 kg	148	164	152	135	145	149	142
Tractor-trailers	235	223	226	228	243	231	237
Total Commercial Vehicles	418	417	404	401	417	412	408
Non-commercial vehicles involved with NSC vehicles ¹	335	370	334	327	394	352	387
Total vehicles in collisions involving commercial vehicles	753	787	738	728	811	763	795
Total all other vehicles involved	2,440	2,221	2,174	2,077	2,003	2,183	1,955
Total of all vehicles involved	3,193	3,008	2,912	2,805	2,814	2,946	2,750

Notes: R= Revised data. E= Estimated data.

Data for Ontario are preliminary for 2014 and 2015. Data for Newfoundland and Labrador are estimated for 2010 to 2015. Data for New Brunswick are estimated for 2014 and 2015.

1 NSC= National Safety Code. Heavy vehicles are regulated by the National Safety Code and are often referred to as NSC vehicles. The NSC is a code of minimum performance standards for the safe operation of commercial vehicles, agreed to by all jurisdictions in Canada. For more information on the NSC see: <http://www.tc.gc.ca/eng/roadsafety/safevehicles-motorcarriers-safetycode-index-290.htm>

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Table S9: Fatalities¹ Resulting from Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2010–2015

<i>Vehicle Type</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013^R</i>	<i>2014^R</i>	<i>Average 2009-2013</i>	<i>2015^E</i>
All buses	6	2	14	10	3	7	3
Straight trucks > 4,536 kg	35	36	29	21	21	28	21
Tractor-trailers	33	29	29	33	34	32	34
Commercial vehicle occupant total	74	67	72	64	58	67	58
Occupants of other vehicles involved with commercial vehicles	277	297	271	266	301	282	302
Bicyclists	17	9	14	17	8	13	8
Pedestrians	44	54	51	57	52	52	52
Total fatalities in collisions involving commercial vehicles	412	427	408	404	419	414	420
Fatalities in all other collisions	1,826	1,596	1,671	1,550	1,433	1,615	1,438
Total	2,238	2,023	2,079	1,954	1,852	2,029	1,858

Notes: R= Revised data. E= Estimated data.

Data for Ontario are preliminary for 2014 and 2015. Data for Newfoundland and Labrador are estimated for 2010 to 2015. Data for New Brunswick are estimated for 2014 and 2015.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Table S10: Fatalities¹ by Road User Class, 2010–2015

<i>Road User Class</i>	<i>2010</i>	<i>2011^R</i>	<i>2012^R</i>	<i>2013^R</i>	<i>2014^R</i>	<i>Average 2009-2014</i>	<i>2015^E</i>
Drivers	1,131	1,023	1,025	964	924	1,013	925
Passengers	491	401	457	369	352	414	360
Pedestrians	306	321	326	306	301	312	283
Bicyclists	62	57	63	69	42	59	47
Motorcyclists	193	175	175	198	190	186	200
Not stated	55	46	33	48	43	45	43
Total	2,238	2,023	2,079	1,954	1,852	2,029	1,858

Notes: R= Revised data. E= Estimated data.

Data for Ontario are preliminary for 2014 and 2015. Data for Newfoundland and Labrador are estimated for 2010 to 2015. Data for New Brunswick are estimated for 2014 and 2015.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Table S11: Vehicles Involved in Fatal Collisions by Vehicle Type, 2010–2015

<i>Vehicle Types</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014^R</i>	<i>Average 2010-2014</i>	<i>2015^E</i>
Automobile	1,638	1,521	1,408	1,302	1,252	1,424	1,223
Passenger vans	171	178	180	199	197	185	192
Light utility vehicles	51	36	58	45	58	50	57
Pickup trucks	387	390	376	372	402	385	393
Cargo vans	41	33	39	40	38	38	37
Other trucks/vans < 4,536kg	117	86	96	78	98	95	96
Trucks							
Tractor-trailers	235	223	226	228	243	231	237
Trucks > 4,536 kg	148	164	152	135	145	149	142
Bus							
School	10	11	4	6	5	7	5
Urban	10	6	11	13	14	11	14
Intercity	5	2	3	5	2	3	2
Bus unspecified	10	11	8	14	8	10	8
Motorcycles and mopeds	208	184	178	207	199	195	194
Bicycles	68	56	69	63	44	60	43
Farm and construction equipments	16	22	19	17	30	21	29
Snowmobiles	13	11	15	10	10	12	10
Streetcars	6	7	4	4	4	5	4
Motorhomes	1	2	1	7	4	3	4
Off-road vehicles	25	29	25	28	27	27	26
Fire engines	0	3	2	2	0	1	0
Others	19	17	23	14	13	17	13
Unknown vehicle types	14	16	15	16	21	16	21
Total	3,193	3,008	2,912	2,805	2,814	2,946	2,750

Notes: R= Revised data. E= Estimated data.

Data for Ontario are preliminary for 2014 and 2015. Data for Newfoundland and Labrador are estimated for 2010 to 2015. Data for New Brunswick are estimated for 2014 and 2015.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Table S12: Marine Occurrences, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Average 2007 - 2015
<i>Canadian Vessels</i>											
Accidents	342	335	293	274	243	208	253	244	209	251	267
Shipping Accidents	277	279	251	227	212	169	200	205	180	221	222
Abandoned	6	1	2	0	4	2	1	1	2	1	2
Capsizes	11	14	9	8	2	6	7	1	9	5	7
Collision	19	27	19	15	18	12	19	23	16	29	19
Explosion	4	3	5	2	4	3	3	1	2	1	3
Fire	39	55	41	45	43	28	24	27	26	42	36
Grounding	83	65	100	88	64	57	60	50	54	57	69
Sank	21	31	20	20	10	10	13	25	16	23	18
Striking	48	50	40	33	47	40	41	41	29	42	41
Sustains Damage Render Unseaworthy/Unfit For Purpose	46	33	15	16	20	11	32	36	26	21	26
Accident Aboard Ship	65	56	42	47	31	39	53	39	29	30	45
Fatalities	13	24	14	18	13	12	16	11	18	6	15
Shipping Accident	3	17	7	11	3	4	10	4	12	6	8
Accident Aboard Ship	10	7	7	7	10	8	6	7	6	0	8
Injuries	56	51	40	43	25	36	43	32	28	35	39
Shipping Accident	4	4	5	4	2	6	0	1	4	5	3
Accident Aboard Ship	52	47	35	39	23	30	43	31	24	30	36
Type of Vessels Involved in Shipping Accidents											
(by Vessel Category)	267	270	237	227	205	179	196	203	181	207	218
Commercial	144	129	127	111	111	98	114	107	98	126	115
Barge	0	0	0	0	0	0	0	0	0	0	0
Cargo - Liquid	1	4	6	6	5	1	3	7	4	4	4
Cargo - Solid	35	34	23	30	26	28	31	29	18	20	28
Ferry	24	27	26	19	23	18	10	18	17	18	20
Passenger	17	8	14	11	12	13	13	11	11	14	12
Survey/Research	1	1	1	1	1	3	1	3	2	1	2
Service Ship	31	22	32	25	23	17	34	18	29	45	26
Tanker	0	0	0	0	0	0	0	0	0	0	0
Tug	30	26	15	16	15	17	20	20	17	21	20
Sailing Vessel	1	4	3	2	1	0	1	1	0	3	1
Ships Boat	4	3	7	1	5	1	1	0	0	0	2
Other	0	0	0	0	0	0	0	0	0	0	0
Fishing	115	132	103	105	89	69	81	87	76	81	95
Non-commercial	8	9	7	11	5	12	1	9	7	0	8
Commercial Accident Rate											
Commercial vessel accidents (>15 GT, Canadian, non-fishing, non-passenger)	129	145	129	121	97	95	63	65	76	94	102
Million vessel-kms	6.48	6.51	5.57	6.38	5.81	6.09	6.16	6.13	6.07	6.10	6.13
Accident Rate/million vessel-kms	19.9	22.3	23.2	19.0	16.7	15.6	10.2	10.6	12.5	15.4	17
Vessel trips (thousands)	34.4	29.7	24.9	25.5	28.3	28.8	29.0	28.7	28.6	28.7	28.7
Accident Rate/thousand vessel trips	3.7	4.9	5.2	4.7	3.4	3.3	2.2	2.3	2.7	3.3	4
Vessels Lost	30	32	27	25	22	22	20	18	23	17	24
Commercial	9	7	11	2	1	1	2	2	8	3	5
Fishing	21	25	16	23	21	21	18	16	15	14	20
Incident	227	234	190	191	175	217	677	684	585	601	353
<i>Foreign Vessels</i>											
Accidents	65	47	65	63	52	59	46	57	39	49	55
Shipping Accident	54	34	50	47	42	46	38	44	33	38	43
Accident Aboard Ship	11	13	15	16	10	13	8	13	6	11	12
Type of Vessels Involved in Shipping Accidents											
(by Vessel Category)	72	52	71	58	54	48	43	55	39	52	55
Commercial	67	51	68	56	50	46	41	54	37	49	52
Fishing	5	1	3	2	4	2	2	1	2	3	2
Fatalities	2	6	1	0	3	2	2	1	1	1	2
Shipping Accident	0	4	0	0	0	1	0	0	1	0	1
Accident Aboard Ship	2	2	1	0	3	1	2	1	0	1	1
Injuries	9	9	14	32	7	12	6	14	14	11	13
Shipping Accident	0	0	0	1	0	0	0	0	8	0	1
Accident Aboard Ship	9	9	14	31	7	12	6	14	6	11	12
Vessels Lost	0	1	0	0	0	1	0	2	0	1	0
Incident	69	51	59	33	41	53	57	63	123	157	61
<i>Total Marine Occurrences</i>											
Accidents	407	382	358	337	295	267	299	301	248	300	322
Shipping Accident	331	313	301	274	254	215	238	249	213	259	265
Accident Aboard Ship	76	69	57	63	41	52	61	52	35	41	56
Fatalities	15	30	15	18	16	14	18	12	19	7	17
Injuries	65	60	54	75	32	48	49	46	42	46	52
Vessels Involved in Shipping Accidents	339	322	308	285	259	227	239	258	220	259	273
Vessels Lost	30	33	27	25	22	23	20	20	23	18	25
Incidents (Mandatory reporting)	296	285	249	224	216	270	734	747	708	758	414

Notes: GT= Gross tons.

The Transportation Safety Board now publishes all occurrence information dating back to 2004 on their website. With this information, Transport Canada is able to show a full ten years of historical data using one standard methodology. As a result, some totals for all past years will have changed slightly. Year over year comparisons will be much more accurate now, and analysis of this information will be more correct.

In 2014 the Transportation Safety Board renewed their occurrence reporting regulations and introduced a new database to track occurrences. The use of new regulations and a new reporting system has led to an increase in reported occurrences, primarily incidents.

Canadian vessel statistics comprise all occurrences where at least one Canadian vessel was involved (may also include foreign vessels); foreign vessel statistics comprise occurrences in Canadian waters where no Canadian vessel was involved.

The Accident Rate is calculated for shipping accidents of Canadian commercial vessels (excluding all fishing and passenger vessels and all vessels under 15GT) of >15 gross tons, as vessel activity is captured for these vessel sizes only.

The Transport Canada (TC) rate differs slightly from the Transportation Safety Board (TSB) rate due to the capture of passenger vessels by Transport Canada.

For international voyages, vessel-kilometres are calculated within the 12 nautical mile limit.

All definitions can be found in the TSB annual report, Appendix B. <http://www.tsb.gc.ca/eng/stats/marine/2015/ssem-ssmo-2015-tbls.asp>

Source: Transportation Safety Board

Table S13: Small Canadian Vessels Engaged in Commercial Activity—Marine Occurrences, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Average 2007 - 2015
Total Accidents	102	95	103	88	90	63	80	79	71	96	85.7
Shipping Accident	88	89	93	80	79	58	67	66	64	90	76.0
Accident Aboard Ship	14	6	10	8	11	5	13	13	7	6	9.7
Vessels Involved in Shipping Accidents (By type of vessel)	83	86	89	76	76	57	67	65	64	90	73.7
Barge	0	0	0	0	0	0	0	0	0	0	0.0
Cargo - Liquid	0	0	0	0	0	0	0	0	0	0	0.0
Cargo - Solid	0	1	2	0	0	1	0	0	0	1	0.4
Ferry	0	2	0	0	0	0	1	1	0	1	0.4
Passenger	0	3	6	1	1	1	4	4	6	5	2.9
Survey/Research	0	1	1	0	0	2	0	0	0	0	0.4
Service Ship	14	8	15	10	11	11	17	3	15	17	11.6
Tanker	0	0	0	0	0	0	0	0	0	0	0.0
Tug	13	10	3	5	4	6	7	7	8	14	7.0
Sailing Vessel	0	1	2	2	0	0	1	0	0	0	0.7
Ships Boat	1	3	6	1	4	0	0	0	0	0	1.7
Other	0	0	0	0	0	0	0	0	0	0	0.0
Fishing	55	57	54	57	56	36	37	50	35	52	48.6
Fatalities	9	12	5	10	8	5	7	5	6	6	7.4
Injuries	13	4	10	9	8	9	10	11	11	10	9.4
Vessels Lost	13	13	12	11	12	12	9	9	9	10	11.1
Incident	55	87	57	68	68	60	328	309	239	237	141.2

Notes:

The Transportation Safety Board now publishes all occurrence information dating back to 2004 on their website. With this information, Transport Canada is able to show a full ten years of historical data using one standard methodology.

In 2014 the Transportation Safety Board renewed their occurrence reporting regulations and introduced a new database to track occurrences. This allowed TSB to capture more marine incidents.

When the vessel activity was not reported, it is assumed that fishing is the intention of the voyage. The TSB estimates that the majority of vessels of unknown tonnage are under 15 GT, and these vessels are identified in this table.

It should be noted that statistical figures can change from year to year, as the data are acquired from a live database that is updated as information is obtained. All data is publicly available on the TBS website.

For the Transportation Safety Board definitions of reportable accidents and incidents, please see Appendix B: <http://www.tsb.gc.ca/eng/stats/marine/2015/ssem-ssmo-2015-tbls.asp>

Source: Transportation Safety Board

Table S14: Small Canadian Vessels Engaged in Commercial Fishing Activity—Marine Occurrences, 2007–2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Average 2007 - 2015
Total Accidents >15 GT and <=150 GT											
Shipping Accident	59	66	45	46	33	34	37	30	38	23	43.1
Shipping Accident Fatalities	0	6	6	4	1	0	6	0	0	0	2.6
Accident aboard ship	13	8	12	9	7	13	15	11	14	13	11.3
Accident aboard ship fatalities	1	0	0	0	4	3	2	4	2	0	1.8
Vessels Lost	13	14	11	14	10	11	9	7	9	6	10.9
Vessels <=15 GT											
Shipping Accident	46	47	40	45	46	28	22	40	30	46	38.2
Shipping Accident Fatalities	1	4	1	3	1	1	4	2	3	6	2.2
Accident aboard ship	4	4	4	2	5	3	4	6	4	4	4.0
Accident aboard ship fatalities	4	3	3	3	5	2	3	2	2	0	3.0
Vessels Lost	7	8	4	5	11	9	5	7	3	5	6.6
Vessels of Unknown GT											
Shipping Accident	9	10	14	12	10	8	15	10	5	6	10.3
Shipping Accident Fatalities	0	2	1	0	0	1	1	1	3	4	1.0
Accident aboard ship	3	0	2	2	2	1	3	2	0	0	1.7
Accident aboard ship fatalities	2	0	1	1	2	0	1	0	0	0	0.8
Vessels Lost	1	2	1	4	1	2	3	1	1	3	1.8
Total Shipping Accidents	114	123	99	103	89	70	74	80	73	75	91.7
Total Shipping Accident Fatalities	1	12	8	7	2	2	11	3	6	10	5.8
Total Accidents aboard ship	20	12	18	13	14	17	22	19	18	17	17.0
Total Accident aboard ship fatalities	7	3	4	4	11	5	6	6	4	0	5.6
Total Vessels Lost	21	24	16	23	22	22	17	15	13	14	19.2

Notes: GT= Gross tonnage.

The Transportation Safety Board considers vessels with an unknown Gross tonnage as under 15 GT. In this table, those vessels of unknown tonnage are reported separately, for greater clarity. In the rest of the report, vessels of unknown tonnage and vessels under 15 GT are included together.

The Transportation Safety Board now publishes all occurrence information dating back to 2004 on their website. With this information, Transport Canada is able to show a full ten years of historical data using one standard methodology.

It should be noted that statistical figures can change from year to year, as the data are acquired from a live database that is updated as information is obtained. All data is publicly available on the TSB website.

For the Transportation Safety Board definitions of reportable accidents and incidents, please see Appendix B: <http://www.tsb.gc.ca/eng/stats/marine/2015/ssem-ssmo-2015-tbls.asp>

Source: Transportation Safety Board

Table S15: Aviation Occurrences and Casualties Involving Aircraft Operating Under CARs, 2011–2016

	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^P	Average 2011–2015
Canadian-Registered Aircraft Accidents¹	211	222	233	189	206	184	212.2
Type of Operation							
Airliner	2	3	5	3	6	1	3.8
Commuter	4	4	3	3	2	1	3.2
Air taxi	40	24	20	19	18	19	24.2
Aerial work	19	22	31	18	21	16	22.2
Private operator passenger transportation	0	1	0	1	1	5	0.6
Flight training	27	34	29	27	29	17	29.2
Private/Recreational Aviation Accidents²	119	133	139	118	132	126	128.2
Airplanes	108	117	132	106	121	112	116.8
Balloons	0	2	1	2	0	0	1.0
Gliders	3	4	5	2	3	4	3.4
Gyroplanes	1	0	1	1	1	1	0.8
Helicopters	9	12	2	8	9	9	8.0
Canadian-Registered Basic and Advanced Ultralights^R	16	31	21	29	13	19	22.0
Others ³	0	2	6	1	0	0	1.8
Fatal Accidents Involving Canadian-Registered Aircraft	26	31	29	9	18	21	22.6
Type of Operation							
Airliner	1	0	0	0	0	0	0.2
Commuter	1	1	1	0	0	0	0.6
Air taxi	8	4	4	1	5	1	4.4
Aerial work	3	3	7	0	3	3	3.2
Private operator passenger transportation	0	0	0	0	0	1	0.0
Flight training	2	3	2	0	1	0	1.6
Private/Recreational Aviation²							
Aeroplanes	9	19	13	8	10	14	11.8
Balloons	0	0	0	0	0	0	0.0
Gliders	2	1	2	0	0	1	1.0
Gyroplanes	0	0	0	0	0	0	0.0
Helicopters	2	1	0	0	0	1	0.6
Canadian-Registered Basic and Advanced Ultralights	3	7	4	2	3	4	3.8
Others ³	0	0	1	0	0	0	0.2
Fatalities	57	52	53	13	35	29	42.0
Type of Operation							
Airliner	12	0	0	0	0	0	2.4
Commuter	2	1	5	0	0	0	1.6
Air taxi	18	8	10	2	12	1	10.0
Aerial work	3	2	10	0	5	3	4.0
Private operator passenger transportation	0	0	0	0	0	4	0.0
Flight training	3	5	2	0	2	0	2.4
Private/Recreational Aviation²							
Aeroplanes	12	33	22	11	16	18	18.8
Balloons	0	0	0	0	0	0	0.0
Gliders	2	1	3	0	0	1	1.2
Gyroplanes	0	0	0	0	0	0	0.0
Helicopters	5	1	0	0	0	2	1.2
Canadian-Registered Basic and Advanced Ultralights	3	7	4	2	3	4	3.8
Others ³	0	0	1	0	0	0	0.2

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

As some accidents may involve multiple aircraft, the number of aircraft involved may differ slightly from the total number of accidents. For definitions regarding CARs, please visit the Civil Aviation website: <http://www.tc.gc.ca/eng/acts-regulations/regulations-sor96-433.htm>.

- 1 Excludes aircraft accidents not operating in accordance with CARs. Ultralight aircraft are excluded.
- 2 Recreational aviation comprises all privately registered aircraft except those operated in accordance with CAR 604.
- 3 Includes State aircraft, Unmanned Air Vehicle and aircraft in the process of being registered in Canada.

Source: Transport Canada, adapted from the Transportation Safety Board

Table S16: Summary of Aviation Occurrences Reported to the Transportation Safety Board, 2011–2016

	2011	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^P	Average 2011–2015
Canadian-Registered Accidents¹	230	239	243	212	227	198	230.0
Accidents involving aircraft operating under CARs	211	222	233	189	206	185	212.2
Other accidents ²	19	17	10	23	21	13	18.0
Foreign-Registered Aircraft Accidents in Canada	10	15	10	6	8	8	9.8
Fatal accidents	2	0	2	2	2	1	1.6
Fatalities	2	0	2	4	3	7	2.2
Reportable Incidents	689	652	703	750	810	865	720.8
Risk of collision/Loss of separation	121	103	117	95	111	139	109.4
Declared emergency	275	266	297	316	334	314	297.6
Engine failure	98	94	87	108	118	125	101.0
Smoke/Fire	92	72	71	89	91	87	83.0
Collision	9	5	16	16	8	18	10.8
Other	94	112	115	126	148	182	119.0

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

1 Includes gliders, balloons and gyrocopters, but not ultralights.

2 Foreign accidents, test flight accidents and non-revenue flights involved in accidents are not included in the Canadian-registered aircraft accidents for aircraft operating under CARs.

Source: Transportation Safety Board, preliminary data as of March 22, 2017

Table S17: Canadian-Registered Aircraft (CRA) Accident Rates for Aircraft Operating Under CARs, 2011–2016

	2011	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^P	Average 2011–2015
CRA Accidents¹	211	222	233	189	206	184	212.2
Private/Recreational Aviation²	119	133	139	118	132	126	128.2
Airplanes	108	117	132	106	121	112	116.8
Balloons	0	2	1	2	0	0	1.0
Gliders	3	4	5	2	3	4	3.4
Gyroplanes	1	0	1	1	1	1	0.8
Helicopters	9	12	2	8	9	9	8.0
Basic and Advanced Ultralights	16	31	21	29	13	19	22.0
Hours Flown^R (thousands)	4,276	4,389	4,288	4,262	4,288	4,300	4,300.6
Accident Rate^R (per 100,000 hours flown)	4.9	5.1	5.4	4.4	4.8	4.3	4.9
Canadian Civil Aircraft Registered¹	28,362	28,737	29,105	29,249	29,236	29,270	28,938.0
Private/Recreational Aviation²	21,136	21,462	21,834	22,035	21,989	21,914	21,691.0
Airplanes	18,876	19,176	19,445	19,584	19,551	19,469	19,326.0
Balloons	476	489	503	508	506	506	496.0
Gliders	720	722	726	725	721	717	723.0
Gyroplanes	198	195	206	214	222	226	207.0
Helicopters	866	880	954	1004	989	996	939.0
Basic and Advanced Ultralights	6,585	6,803	6,973	7,125	7,246	7,355	6,946.0
Accident Rate (per 1,000 Canadian civil aircraft registered)	7.4	7.7	8	6.6	7	6.3	7.3
Private/Recreational Aviation	5.6	6.2	6.4	5.4	6	5.7	5.9
Airplanes	5.7	6.1	6.8	5.4	6.2	5.7	6.0
Balloons	0	4.1	2	3.9	0	0.0	2.0
Gliders	4.2	5.5	6.9	2.8	4.2	5.6	4.7
Gyroplanes	5.1	0	4.9	4.7	4.6	4.4	3.9
Helicopters	10.4	13.6	2.1	8	9.1	9.0	8.6
Basic and Advanced Ultralights	2.4	4.6	3	4.1	1.8	2.6	3.2

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft not operating under CARs) and ultralight aircraft are excluded.

1 Excludes aircraft accidents not operating in accordance with CARs. Ultralight aircraft are excluded.

2 Recreational aviation comprises all privately registered aircraft except those operated in accordance with CAR 604.

Sources: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of March 22, 2017

Table S18: Accidents Involving Aircraft Operating under CARs by Province/Territory, 2011–2016

	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^P	Average 2011–2015
Accidents							
Newfoundland and Labrador	3	5	3	1	5	3	3.4
Nova Scotia	2	2	4	2	3	2	2.6
New Brunswick	3	3	2	5	2	5	3.0
Prince Edward Island	0	0	0	0	0	0	0.0
Quebec	49	49	58	53	41	27	50.0
Ontario	55	56	58	49	64	39	56.4
Manitoba	16	13	11	11	13	16	12.8
Saskatchewan	16	7	18	9	11	10	12.2
Alberta	15	29	26	28	21	34	23.8
British Columbia	36	46	42	26	38	42	37.6
Yukon	7	5	4	3	6	1	5.0
Northwest Territories	6	4	3	2	2	3	3.4
Nunavut	3	3	4	0	0	2	2.0
Total	211	222	233	189	206	184	212.2
Fatal Accidents							
Newfoundland and Labrador	0	0	0	0	1	0	0.2
Nova Scotia	0	0	1	0	0	0	0.2
New Brunswick	0	0	0	1	0	1	0.2
Prince Edward Island	0	0	0	0	0	0	0.0
Quebec	4	4	3	1	6	5	3.6
Ontario	4	9	6	3	5	1	5.4
Manitoba	1	3	2	0	0	1	1.2
Saskatchewan	2	1	2	1	1	2	1.4
Alberta	2	5	4	1	3	4	3.0
British Columbia	9	7	9	2	2	7	5.8
Yukon	1	1	0	0	0	0	0.4
Northwest Territories	2	0	1	0	0	0	0.6
Nunavut	1	1	1	0	0	0	0.6
Total	26	31	29	9	18	21	22.6
Fatalities							
Newfoundland and Labrador	0	0	0	0	1	0	0.2
Nova Scotia	0	0	1	0	0	0	0.2
New Brunswick	0	0	0	2	0	2	0.4
Prince Edward Island	0	0	0	0	0	0	0.0
Quebec	8	5	3	1	15	7	6.4
Ontario	7	18	16	4	9	1	10.8
Manitoba	1	4	5	0	0	2	2.0
Saskatchewan	6	5	3	2	2	2	3.6
Alberta	3	5	5	1	4	4	3.6
British Columbia	15	13	16	3	4	11	10.2
Yukon	1	1	0	0	0	0	0.4
Northwest Territories	4	0	1	0	0	0	1.0
Nunavut	12	1	3	0	0	0	3.2
Total	57	52	53	13	35	29	42.0

Notes: P= Preliminary data. CARs= Canadian Aviation Regulations.

Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft) and ultralight aircraft are excluded.

Source: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of March 22, 2017

Table S19: Reportable Accidents Involving Dangerous Goods by Mode and Phase of Transport, 2005–2016

Year	-----In-Transit-----				Subtotal	Not In-Transit	Total
	Road	Rail	Air	Marine			
2005	129	8	5	0	142	244	386
2006	102	4	7	0	113	272	385
2007	126	9	8	0	143	282	425
2008	115	6	4	0	125	310	435
2009	78	5	0	0	83	242	325
2010	95	5	1	0	101	203	304
2011	91	3	2	0	96	249	345
2012	85	2	1	0	88	313	401
2013	105	8	5	0	118	274	392
2014	111	6	3	0	120	266	386
2015 ^k	88	10	3	0	101	233	334
2005 - 2015 Average	102.2	6	3.5	0	111.8	262.5	374.3
2016 ^p	95	6	3	2	106	185	291

Notes: R= Revised data. P= Preliminary data (2016 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods incidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. This will impact future data.

The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.

Dangerous goods accidents are “reportable” when the quantity of dangerous goods released exceeds the amount listed in the table contained in Part 8 of the TDG Regulations. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

“In-transit” accidents include those that occur during actual transport. “Not-in-transit” accidents are those that take place at facilities where the goods are prepared for transport (handled prior to loading or unloading), unloaded or stored in the course of transport.

Source: Transport Canada, Dangerous Goods Accident Information System

Table S20: Deaths and Injuries Attributed to the Dangerous Goods at Reportable Accidents, 2005–2016

Year	Fatalities	-----Injuries-----			Total
		Major	Moderate	Minor	
2005	0	2	2	2	6
2006	1	0	17	0	17
2007	0	2	8	3	13
2008	0	1	8	2	11
2009	0	1	4	2	7
2010	0	2	7	0	9
2011	0	1	7	1	9
2012	0	0	7	6	13
2013	50	0	18	5	23
2014	1	0	8	4	12
2015 ^R	0	0	2	81	83
2005 - 2015 Average	4.7	0.8	8	9.6	18.4
2016 ^P	1	1	2	7	10

Notes: R= Revised data. P= Preliminary data (2016 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods incidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. This will impact future data.

The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.

Dangerous goods accidents are “reportable” when the quantity of dangerous goods released exceeds the amount listed in the table contained in Part 8 of the TDG Regulations. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

“In-transit” accidents include those that occur during actual transport. “Not-in-transit” accidents are those that take place at facilities where the goods are prepared for transport (handled prior to loading or unloading), unloaded or stored in the course of transport.

Minor injuries refer to those injuries that require first-aid treatment; moderate injuries involve emergency hospital treatment, and major injuries require overnight hospitalization.

The Lac-Mégantic rail accident on July 6, 2013 accounted for 47 of the deaths attributed to the dangerous goods.

The Vancouver, BC marine terminal accident on March 4, 2015 involving Trichloroisocyanuric Acid, Dry resulted in 80 minor injuries, of which 46 were employees and 34 were private citizens.

Three separate in transit road tank truck accidents involving class 3 flammable liquids each accounted for one death attributed to the dangerous goods.

One in transit air accident involving a class 8 corrosive solid accounted for 13 people with moderate injuries being admitted to hospital.

Source: Transport Canada, Dangerous Goods Accident Information System

Air Transportation

Table A1: Number of Aerodromes in Canada, 2007–2016

As of Dec 31	Land Aerodromes			Total Land	Share of Grand Total (per cent)	Heliports			Total Heliports	Share of Grand Total (per cent)
	Certified	Registered	Other			Certified	Registered	Other		
2007	333	765	13	1,111	65.0	193	86	0	279	16.3
2008	322	794	1	1,117	61.3	261	109	1	371	20.4
2009	317	821	8	1,146	60.8	254	134	4	392	20.8
2010	318	831	11	1,160	62.1	247	118	11	376	20.1
2011	314	845	11	1,170	61.9	245	124	11	380	20.1
2012	314	872	11	1,197	62.2	239	131	11	381	19.8
2013	312	865	11	1,188	62.1	245	129	11	385	20.1
2014	306	885	8	1,199	62.3	246	133	4	383	19.9
2015	304	912	8	1,224	62.4	252	145	4	401	20.4
2016	290	707	5	1,002	62.9	239	129	2	370	23.2

As of Dec 31	Water Aerodromes			Total Water	Share of Grand Total (per cent)	Total All Aerodromes			Grand Total	Share of Grand Total (per cent)
	Certified	Registered	Other			Certified	Registered	Other		
2007	10	308	0	318	18.6	536	1,159	13	1,708	100.0
2008	10	323	0	333	18.3	593	1,226	2	1,821	100.0
2009	10	336	0	346	18.4	581	1,291	12	1,884	100.0
2010	11	320	0	331	17.7	576	1,269	22	1,867	100.0
2011	11	328	0	339	17.9	570	1,297	22	1,889	100.0
2012	6	339	0	345	17.9	559	1,342	22	1,923	100.0
2013	6	334	0	340	17.8	563	1,328	22	1,913	100.0
2014	6	338	0	344	17.9	558	1,356	12	1,926	100.0
2015	5	331	0	336	17.1	561	1,388	12	1,961	100.0
2016	5	217	0	222	13.9	534	1053	7	1,594	100.0

Note: As published in the Canada Flight Supplement (CFS) or the Water Aerodrome Supplement (WAS).

Source: Transport Canada, Civil Aviation, National Operations

Table A2: Airport Capital Assistance Program Expenditures, by Province/Territory, 2007/2008–2016/2017

(Thousands of dollars)

Province	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15 ^R	2015/16 ^R	2016/17 ^P
Newfoundland and Labrador	545.9	716.9	879.1	247.8	313.8	9,061.3	240.0	24.8	0.0	0.0
Prince Edward Island	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nova Scotia	161.9	142.4	153.0	83.9	513.5	437.5	166.8	70.4	3,551.9	127.1
New Brunswick	0.0	0.0	0.0	1,971.9	0.0	0.0	0.0	0.0	616.8	0.0
Quebec	4,205.5	8,220.0	9,700.3	646.8	1,517.3	2,414.6	353.2	735.4	1,272.4	7,546.0
Ontario	7,853.6	9,313.6	9,438.6	3,899.1	11,583.7	4,628.3	1,874.9	6,454.9	705.1	10,794.6
Manitoba	468.4	8,160.9	849.3	1,411.2	8,109.5	297.1	1,167.4	1,650.9	4,229.9	1,701.6
Saskatchewan	0.0	0.0	705.0	0.0	211.7	5,643.7	0.0	140.4	7,529.8	3,898.6
Alberta	5,564.4	4,600.1	2,136.7	690.2	1,080.3	259.6	901.5	3,592.3	12,966.0	354.3
British Columbia	3,357.8	7,769.8	2,329.9	676.3	6,883.2	6,396.5	2,373.2	11,034.0	14,834.3	7,118.6
Norwest Territories	12.7	4,606.9	0.0	0.0	0.0	360.1	0.0	617.8	910.3	1,600.4
Yukon	586.1	798.5	67.6	0.0	189.0	305.3	154.1	2,948.7	318.9	0.0
Nunavut	9,397.1	6,733.6	0.0	0.0	0.0	397.9	5,195.7	116.9	0.0	0.0
Total	32,153.4	51,062.7	26,259.5	9,627.2	30,402.0	30,201.9	12,426.8	27,386.5	46,935.4	33,141.2

Notes: R= Revised data. P= Preliminary data.

Source: Authorities Stewardship, AHPA - Transport Canada

Table A3: Airport Authorities Financial Performance, 2015

(Thousands of dollars, except where indicated)

<i>Financial Information</i>	<i>Calgary</i>	<i>Vancouver</i>	<i>Edmonton</i>	<i>Montreal</i>	<i>Toronto</i>	<i>Ottawa</i>	<i>Winnipeg</i>	<i>Victoria</i>	<i>Halifax</i>	<i>Saskatoon</i>	<i>Kelowna</i>	
Aeronautical Revenues	108,646	128,297	45,674	151,125	475,713	37,696	39,565	6,322	28,867	6,901	5,876	
Non-Aeronautical Revenues	119,094	220,291	73,361	155,442	371,240	35,122	32,944	12,551	28,556	10,327	10,146	
Airport Improvement Fees	147,785	136,916	91,387	181,843	353,687	45,434	38,644	10,292	34,257	13,013	10,952	
Government Subsidies	0	0	0	0	0	0	0	0	0	683	116	
Total Revenues	375,525	485,504	210,422	488,410	1,200,640	118,252	111,153	29,165	91,680	30,924	27,090	
Expenses (less Interest Charges)	226,748	315,413	153,195	326,442	648,920	83,533	81,887	19,498	68,206	18,577	16,681	
Rent to Federal Government	37,145	49,267	17,971	50,432	128,007	8,737	7,399	1,119	6,284	1,195	0	
Income	111,632	120,824	39,256	111,536	423,713	25,982	21,867	8,548	17,190	11,152	10,409	
Interest Charges	40,767	31,510	44,869	92,149	357,808	24,105	31,906	126	14,620	0	795	
Other gains (losses)	0	42,160	20	0	0	0	(681)	0	0	0	0	
Net Income	70,865	131,474	(5,593)	19,387	65,905	1,877	(10,720)	8,422	2,570	11,152	9,614	
<i>Other Information:</i>												
Acquisition of capital assets	536,590	205,026	41,633	213,402	228,395	31,206	13,883	10,069	23,196	9,974	17,188	
Enplaned/Deplaned Passengers (000's)	14,579	19,691	7,466	14,753	39,639	4,429	3,573	1,662	3,602	1,422	1,551	
<i>Ratios:</i>												
Expenses (incl. interest) as a % of Revenues	71.24%	71.46%	94.13%	85.70%	83.85%	91.02%	102.38%	67.29%	90.34%	60.07%	64.51%	
Aeronautical Revenues as a % of Total	28.93%	26.43%	21.71%	30.94%	39.62%	31.88%	35.60%	21.68%	31.49%	22.32%	21.69%	
Non-Aeronautical Revenues as a % of Total	31.71%	45.37%	34.86%	31.83%	30.92%	29.70%	29.64%	43.03%	31.15%	33.39%	37.45%	
Revenue per passenger (excluding subsidies)	\$25.76	\$24.66	\$28.18	\$33.11	\$30.29	\$26.70	\$31.11	\$17.55	\$25.45	\$21.27	\$17.39	
Expenses (including interest) per passenger	\$18.35	\$17.62	\$26.53	\$28.37	\$25.40	\$24.30	\$31.85	\$11.81	\$22.99	\$13.06	\$11.27	
<i>Financial Information</i>	<i>Quebec</i>	<i>Regina</i>	<i>St. John's</i>	<i>Thunder Bay</i>	<i>London</i>	<i>Moncton</i>	<i>Saint John</i>	<i>Charlotte-town</i>	<i>Gander</i>	<i>Fredericton</i>	<i>Prince George</i>	Total
Aeronautical Revenues	16,616	6,835	11,017	6,809	3,239	6,560	1,621	1,899	5,393	1,997	4,134	1,100,802
Non-Aeronautical Revenues	16,982	9,468	13,249	3,835	4,165	5,098	1,684	2,611	3,415	2,216	3,499	1,135,296
Airport Improvement Fees	20,354	12,087	20,222	0	3,411	5,982	2,946	3,142	1,759	3,404	4,052	1,141,569
Government Subsidies	0	0	0	156	0	0	0	851	0	1,313	1,311	4,430
Total Revenues	53,952	28,390	44,488	10,800	10,815	17,640	6,251	8,503	10,567	8,930	12,996	3,382,097
Expenses (less Interest Charges)	39,311	21,515	26,807	8,708	9,209	14,239	5,493	6,756	7,593	7,549	9,093	2,115,373
Rent to Federal Government	3,116	993	2,440	98	153	0	0	0	0	0	149	314,505
Income	11,525	5,882	15,241	1,994	1,453	3,401	758	1,747	2,974	1,381	3,754	952,219
Interest Charges	4,893	803	5,052	142	613	1,331	0	0	232	15	392	652,128
Other gains (losses)	1,395	0	0	1,303	0	166	244	201	125	0	27	44,960
Net Income	8,027	5,079	10,189	3,155	840	2,236	1,002	1,948	2,867	1,366	3,389	345,051
<i>Other Information:</i>												
Acquisition of capital assets	39,138	39,233	60,074	1,337	1,986	10,728	1,308	1,193	2,670	1,136	16,674	1,506,039
Enplaned/Deplaned Passengers (000's)	1,489	1,242	1,444	732	478	628	252	311	172	337	432	119,884
<i>Ratios:</i>												
Expenses (incl. interest) as a % of Revenues	81.93%	78.61%	71.61%	81.94%	90.82%	88.27%	87.87%	79.45%	74.05%	84.70%	72.98%	81.83%
Aeronautical Revenues as a % of Total	30.80%	24.08%	24.76%	63.05%	29.95%	37.19%	25.93%	22.33%	51.04%	22.36%	31.81%	32.55%
Non-Aeronautical Revenues as a % of Total	31.48%	33.35%	29.78%	35.51%	38.51%	28.90%	26.94%	30.71%	32.32%	24.82%	26.92%	33.57%
Revenue per passenger (excluding subsidies)	\$36.23	\$22.86	\$30.81	\$14.54	\$22.63	\$28.09	\$24.81	\$24.60	\$61.44	\$22.60	\$27.05	\$28.17
Expenses (including interest) per passenger	\$29.69	\$17.97	\$22.06	\$12.09	\$20.55	\$24.79	\$21.80	\$21.72	\$45.49	\$22.45	\$21.96	\$23.08

Notes: Aeronautical revenues are generated principally from airlines and other commercial aviation sources, and consist mainly of landing fees, terminal fees and the recovery of security costs.

Revenues from concessionaire sales (stores, restaurants etc.), car parking and space rental are considered non-aeronautical.

Rent figures may differ from the actual cash received by the Federal Government due to accrual accounting treatment.

Sources : Financial Figures - Airport Authority 2015 Annual Reports (Consolidated Financial Statements); Passenger Volume Figures - Statistics Canada and Airport Authority 2015 Annual Reports

Table A4: Airport Improvement Fees (AIF) at National Airport System (NAS) Airports, 2007–2016

Airport	Charge per passenger (dollars)										Airline Handling Fee (per cent)
	2007	2008	2009	2010	2011	2012	2013	2014	2015	As of January 1, 2016	
Calgary	20	20	21	22	25	25	30	30	30	30	5
Charlottetown	15	15	15	15	20	20	20	20	20	20	5
Edmonton	15	15	20	20	20	25	25	25	30	30	6
Fredericton	15	15	20	20	20	20	20	20	20	20	5
Gander	20	20	20	20	20	25	25	25	25	25	7
Halifax	10	10	15	15	20	20	20	25	25	25	6
Iqaluit	0	0	0	0	0	0	0	0	0	0	N/A
Kelowna	10	10	10	10	12	15	15	15	15	15	7
London	15	15	15	15	15	15	15	15	15	15	7
Moncton	15	15	15	15	20	20	20	20	20	20	7
Montreal (Trudeau)	20	20	20	25	25	25	25	25	25	25	5
Ottawa ¹	15	15	15	15	20	20	20	23	23	23	6
Prince George	15	15	15	18	18	18	20	20	20	25	7
Quebec City	15	20	20	25	25	25	27	29	30	33	7
Regina ²	15	15	15	15	15	20	20	20	20	20	7
Saint John ³	15	15	20	20	20	20	20	25	25	25	5
Saskatoon ⁴	10	10	15	15	15	15	20	20	20	20	7
St. John's	15	15	15	15	20	20	20	20	30	30	7
Thunder Bay	0	0	0	0	0	0	0	0	0	0	N/A
Toronto ⁵	20	20	25	25	25	25	25	25	25	25	4
Vancouver ⁶	15	15	15	15	15	15	20	20	20	20	4
Victoria ⁷	10	10	10	10	10	10	10	10	15	15	7
Whitehorse	0	0	0	0	0	0	0	0	0	0	N/A
Winnipeg	15	20	20	20	20	20	25	25	25	25	6
Yellowknife	0	0	0	0	0	0	0	0	0	0	N/A

Notes: N/A= Not applicable.

1 Effective March 1, 2014, AIF will increase to \$23.

2 Passengers are charged \$5 for intra-provincial flights and \$20 for all other destinations.

3 Effective April 10, 2014, AIF will increase to \$25.

4 Passengers are charged \$5 for intra-provincial short-haul flights (Regina, Prince Albert, La Ronge, Stony Rapids, Fond du Lac, Wollaston Lake, Uranium City, Points North Landing) and \$15 for all other destinations.

5 Connecting passengers are charged \$4.

6 Effective May 1, 2012, passengers are charged \$5 for intra-provincial flights and \$20 for all other destinations.

7 Effective June 1, 2015, AIF will increase to \$15.

Source: Air Transport Association of Canada and Airport Authorities

Table A5: Air Travellers Security Charge (ATSC), 2002–2016

ATSC Rates (Current dollars per enplaned passenger)

Sector	Effective Date						Current since April 1st 2010 ¹
	April 1st 2002 ¹	March 1st 2003 ¹	April 1st 2004 ¹	March 1st 2005 ¹	July 1st 2006 ¹	January 1st 2008 ¹	
Domestic (One-way)	\$12.00	\$7.00	\$6.00	\$5.00	\$4.95	\$4.90	\$7.48
Domestic (round-trip)	\$24.00	\$14.00	\$12.00	\$10.00	\$9.90	\$9.80	\$14.96
Transborder ²	\$12.00	\$12.00	\$10.00	\$8.50	\$8.42	\$8.34	\$12.71
Other International	\$24.00	\$24.00	\$20.00	\$17.00	\$17.00	\$17.00	\$25.91

Notes: GST/HST= Goods and Services Tax/Harmonized Sales Tax.

1 The total charge includes the GST or the federal portion of HST where applicable.

From April 1, 2002 to June 30, 2006, the rate of GST and HST was 7% and 15%, respectively;

From July 1, 2006 to December 31, 2007, the rate of GST and HST was 6% and 14%, respectively ;

Effective January 1, 2008, the rate of GST has been established at 5%.

As of July 2010, the rate of HST was 12% in British Columbia; 13% in Ontario, New Brunswick, and Newfoundland and Labrador, respectively and 15% in Nova Scotia.

Additional information on GST/HST rates is available from the Canada Revenue Agency and the TaxTips.ca websites.

2 Transborder ATSC rate is for air travel to a destination outside Canada but within the continental zone (includes Mexico).

Sources: Transport Canada, adapted from Finance Canada, Canada Revenue Agency, ATSC Rates

Table A6: Top 10 Busiest Canadian Airports in Terms of Aircraft Movements, 2005–2016

(Thousands of aircraft movements)

		All Movements											2005-16	
Ranking		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P	CAGR ¹
2016	Airport/Province													
1	Toronto Pearson International, ON	412	417	425	429	408	419	431	436	434	437	446	458	1.0
2	Vancouver International, BC	323	323	326	338	314	297	298	300	302	312	319	325	0.1
3	Calgary International, AB	233	243	249	247	234	235	238	241	246	252	250	236	0.1
4	Montréal Trudeau International, QC	208	213	223	226	213	220	235	234	225	221	222	227	0.8
5	Boundary Bay, BC	188	186	193	200	184	144	147	149	146	156	162	173	(0.8)
6	Ottawa/Macdonald-Cartier Int'l, ON	149	145	166	171	172	173	172	161	167	156	152	155	0.3
7	Montréal/St-Hubert, QC	129	139	150	195	204	190	170	157	170	157	179	154	1.6
8	Edmonton International, AB	116	125	131	134	127	131	137	143	157	169	159	141	1.8
9	Victoria International, BC	151	145	168	175	167	145	142	138	144	168	141	138	(0.8)
10	Abbotsford, BC	153	160	175	157	125	105	100	111	118	126	136	132	(1.3)
	Subtotal	2,062	2,096	2,205	2,271	2,148	2,058	2,070	2,071	2,108	2,152	2,164	2,140	0.3
	Share of total movements -													
	Top 10 airports (%)	33.5	33.3	32.0	32.7	32.6	31.9	32.8	32.8	33.8	34.5	34.6	34.3	
	Total for All Airports²-													
	All Movements	6,159	6,288	6,891	6,944	6,585	6,442	6,319	6,320	6,238	6,238	6,253	6,246	0.1
	Itinerant movements	4,486	4,566	4,860	4,960	4,731	4,682	4,651	4,686	4,653	4,601	4,635	4,587	0.2
	Local movements	1,673	1,722	2,031	1,984	1,854	1,760	1,669	1,633	1,585	1,637	1,618	1,659	(0.1)
	Share Itinerant movements (%)	72.8	72.6	70.5	71.4	71.8	72.7	73.6	74.2	74.6	73.8	74.1	73.4	
	Share Local movements (%)	27.2	27.4	29.5	28.6	28.2	27.3	26.4	25.8	25.4	26.2	25.9	26.6	
	Itinerant Movements³													
1	Toronto Pearson International, ON	412	417	425	429	408	418	429	434	433	435	445	456	0.9
2	Vancouver International, BC	323	323	326	338	314	296	298	299	301	311	318	321	(0.1)
3	Calgary International, AB	229	239	246	245	232	233	236	240	244	250	249	235	0.3
4	Montréal Trudeau International, QC	208	213	223	226	213	219	233	233	224	220	221	226	0.7
5	Edmonton International, AB	105	118	125	130	124	127	132	139	153	166	157	138	2.6
6	Ottawa Macdonald-Cartier Int'l, ON	117	113	122	133	133	134	134	132	126	120	117	118	0.0
7	Winnipeg Richardson International, MB	129	130	138	135	126	124	125	120	116	116	113	111	(1.4)
8	Victoria International, BC	35	37	48	54	56	81	82	89	88	90	91	97	9.7
9	Québec City Jean Lesage Int'l, QC	98	93	96	104	93	90	90	88	86	86	85	90	(0.8)
10	Halifax Robert L. Stanfield Int'l, NS	78	82	88	92	92	91	91	97	89	83	80	82	0.4
	Subtotal	1,734	1,767	1,837	1,886	1,791	1,813	1,851	1,870	1,860	1,877	1,875	1,873	0.7
	Share of total Itinerant movements -													
	Top 10 airports (%)	38.6	38.7	37.8	38.0	37.9	38.7	39.8	39.9	40.0	40.8	40.4	40.8	
	Total for All Airports² -													
	All Itinerant Movements	4,486	4,566	4,860	4,960	4,731	4,682	4,651	4,686	4,653	4,601	4,635	4,587	0.2
	Local Movements⁴													
1	Boundary Bay, BC	114	113	118	118	104	84	87	89	84	90	95	106	(0.7)
2	Montréal/St-Hubert, QC	90	95	105	93	67	55	60	71	74	80	86	83	(0.7)
3	Abbotsford, BC	62	75	82	106	109	101	88	80	91	81	93	74	1.6
4	Toronto Buttonville Municipal, ON	8	5	9	33	48	48	33	44	51	55	60	64	21.0
5	Pitt Meadows, BC	57	57	71	79	71	64	72	55	49	52	61	64	0.9
6	Victoria International, BC	52	54	57	57	48	53	54	59	62	56	59	63	1.9
7	Kitchener-Waterloo-Guelph, ON	17	9	5	9	11	21	27	28	22	62	49	50	10.0
8	London, ON	53	52	71	70	74	55	53	50	57	82	56	48	(0.8)
9	Edmonton/Villeneuve, AB	22	30	56	60	72	50	32	20	21	30	33	44	6.6
10	Moncton/Greater Moncton Int'l, NB	32	32	43	38	39	39	37	30	41	36	35	38	1.5
	Subtotal	507	522	618	663	644	569	543	526	553	623	627	633	2.0
	Share of total Local movements -													
	Top 10 airports (%)	30.3	30.3	30.4	33.4	34.7	32.3	32.6	32.2	34.9	38.1	38.8	38.2	
	Total for All Airports² -													
	All Local Movements	1,673	1,722	2,031	1,984	1,854	1,760	1,669	1,633	1,585	1,637	1,618	1,659	(0.1)

Notes: P= Preliminary data.

1 CAGR= Compound Annual Growth Rate.

2 Including airports with control towers and/or flight service stations (93 in 2012) and airports without control towers or flight service stations reporting aircraft movements on a voluntary basis (125 in 2012).

3 Itinerant movements are those in which aircraft arrive from or depart to a point other than the reporting airport; or where aircraft leave the circuit (i.e. a pattern or a standard path for coordinating air traffic usually at close proximity of the airport) but return without landing at another airport.

4 Local movements are those in which aircraft remain in the circuit (i.e. a pattern or a standard path for coordinating air traffic usually at close proximity of the airport). Local movements are often carried out during training flights (touch-and-go), equipment tests, etc.

Sources: Statistics Canada, "Aircraft Movement Statistics", TP 577, Cat. 51-209 and 51-210; Transport Canada, Aircraft movement database, for 2016 data

Table A7: Licence Authorities Held by Air Carriers as of December 31, 2015 and 2016

Licence Aircraft Type	Services			Total Licences	Number of Air Carriers ¹
	Domestic	International Scheduled	International Non-Scheduled		
2015					
Total Canada	716	289	328	1,333	627
Small aircraft	633	8	263	904	
Medium aircraft	25	36	22	83	
Large aircraft	13	155	13	181	
All cargo aircraft	45	90	30	165	
Total US	0	40	600	640	609
Total Foreign	0	102	154	256	197
Total	716	431	1,082	2,229	1,433
2016					
Total Canada	700	292	322	1,314	615
Small aircraft	618	9	257	884	
Medium aircraft	25	40	22	87	
Large aircraft	13	147	13	173	
All cargo aircraft	44	96	30	170	
Total US	0	41	595	636	604
Total Foreign	0	110	173	283	221
Total	700	443	1,090	2,233	1,440

Notes: Represents licence authorities held by air carriers; however, an air carrier can hold multiple licence authorities.

1 Number of air carriers holding Canadian Transportation Agency licences, by nationality.

Source: Canadian Transportation Agency

Table A8: Civil Aviation Personnel Licences and Permits, by Category, as of December 2016

Category	In Force	Issued		Male	Female
		12 Months			
Aeroplanes					
Private Pilot	23,810	2,548	22,316	1,494	
Commercial Pilot	7,582	1,019	7,020	562	
Airline Transport Pilot	13,735	574	12,969	738	
Total	45,127	4,141	42,305	2,794	
Helicopters					
Private Pilot	701	62	673	28	
Commercial Pilot	2,959	220	2,826	133	
Airline Transport Pilot	1,051	31	1,020	31	
Total	4,711	313	4,519	192	
Permits					
Gyroplane Pilot	62	5	60	2	
Ultra-Light Pilot	2,643	137	2,565	78	
Recreational Pilot	1,329	101	1,260	69	
Total	4,034	243	3,885	149	
Other Licences					
Glider Pilot	5,873	283	5,202	671	
Balloon Pilot	180	4	166	14	
Flight Engineer	302	1	294	8	
Air Traffic Controller	1,742	43	1,472	270	
Total	8,097	331	7,134	963	
Total Licences & Permits	61,969	5,028	57,843	4,098	

Note: Excludes student pilot permits

Source: Transport Canada, Safety and Security, Civil Aviation

Table A9: Personnel Licences and Permits, by Province/Territory, as of December 2015 and 2016

Province/Territory	Number of Licences		Growth (per cent) 2016/15
	2015	2016	
Ontario	22,069	22,026	(0.2)
Quebec	13,374	13,132	(1.8)
British Columbia	11,200	11,187	(0.1)
Alberta	10,614	10,438	(1.7)
Manitoba	3,252	3,214	(1.2)
Saskatchewan	2,343	2,284	(2.5)
Other	2,252	2,272	0.9
New Brunswick	1,437	1,505	4.7
Nova Scotia	1,250	1,174	(6.1)
Newfoundland and Labrador	936	904	(3.4)
Northwest Territories	383	390	1.8
Yukon	322	322	0.0
Prince Edward Island	141	141	0.0
Nunavut	26	23	(11.5)
Total	69,599	69,012	(0.8)

Note: Including student pilot permits.

Source: Transport Canada, Safety and Security, Civil Aviation

Table A10: Total Operating Revenues of Canadian Air Carriers, 2004–2015

(millions de dollars)

Year	Passengers Services	Goods Services	Other Services ¹	Total	Growth (per cent)
2004	10,893	1,034	903	12,830	9.7
2005	12,145	1,189	665	13,999	9.1
2006	13,455	1,275	561	15,291	9.2
2007	14,178	1,220	831	16,229	6.1
2008	15,305	1,268	920	17,493	7.8
2009	13,562	1,033	803	15,398	(12.0)
2010	15,356	1,159	837	17,352	12.7
2011	16,930	1,196	941	19,067	9.9
2012	18,054	1,224	1,024	20,302	6.5
2013	18,413	1,171	1,110	20,695	1.9
2014 ^R	19,726	1,209	1,374	22,309	7.8
2015 ^P	19,822	1,199	1,573	22,593	1.3
CAGR 2004-14 (per cent)	5.5	1.1	4.0	5.1	

Notes: R= Revised data. P= Preliminary data. CAGR= Compounded Average Growth Rate.

Scheduled and charter services, passengers and goods, for Level I to Level III carriers.

1 Other services include other flying services, subsidies and net incidental air transport related revenue.

Sources: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004-X

Table A11: Annual Labour Costs per Employee of Canadian Air Carriers, 2006–2015

Average annual salary (dollars)

Levels I-III ¹	2006	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^P
Pilots and Copilots	93,710	96,134	98,677	101,337	102,225	105,963	113,702	117,456	116,571	113,208
Other Flight Personnel	44,638	47,226	44,602	43,694	44,523	48,605	51,425	52,630	49,901	57,439
Management and Administration	63,339	71,219	84,531	76,037	75,058	80,632	75,421	81,607	76,431	82,915
Other Carrier Personnel ²	49,680	52,210	52,870	52,837	49,079	53,444	54,792	54,983	56,854	58,712
Total Levels I - III	59,405	62,440	63,730	62,957	59,460	64,140	66,749	68,059	68,084	71,308

Number of employees

Levels I-III ¹	2006	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^P
Pilots and Copilots	8,813	9,506	9,933	9,512	9,667	10,094	10,242	10,287	10,420	11,246
Other Flight Personnel	10,471	11,085	11,487	10,903	11,770	12,042	12,176	12,318	12,469	11,485
Management and Administration	3,109	3,027	2,999	3,101	3,355	3,543	4,280	3,942	4,495	4,069
Other Carrier Personnel ²	16,446	17,422	17,477	19,326	27,930	27,444	27,717	28,411	28,144	28,513
Total Levels I - III	38,839	41,040	41,896	42,842	52,722	53,123	54,415	54,958	55,528	55,313

Notes: R= Revised data. P= Preliminary data.

1 Levels I-III (from 2001): Canadian air carriers that in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$1 million or more for the air services for which the air carrier held a license.

2 Including maintenance labour, aircraft and traffic servicing, and other personnel.

Sources: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues

Table A12: Average Scheduled Daily Seat-Kilometres, by Air Carrier, Domestic Sector, 2015 and 2016

<i>Airlines¹</i>	<i>Daily Seat-Kilometres² (million)</i>		<i>Percentage</i>	<i>Capacity Share (per cent)</i>	
	<i>2015^R</i>	<i>2016</i>	<i>Change</i>	<i>2015^R</i>	<i>2016</i>
Air Canada Family					
Air Canada ³	76.8	78.5	2.2	37.1	38.4
Air Canada Express - Jazz	19.5	20.4	4.9	9.4	10.0
Air Canada Express - Others ⁴	3.7	5.3	42.3	1.8	2.6
Total	100.1	104.3	4.2	48.2	51.1
National and Leisure Airlines					
WestJet ⁵	83.4	75.9	(9.0)	40.2	37.1
Porter Airlines	6.1	6.7	9.3	3.0	3.3
Sunwing Airlines ⁶	1.1	1.1	3.1	0.5	0.5
Air Transat ⁶	0.4	0.9	108.2	0.2	0.4
Total	91.0	84.5	(7.1)	43.9	41.4
Northern Airlines					
First Air	0	0.0	0.0	0.0	0.0
First Air	3.4	3.3	(4.2)	1.6	1.6
Canadian North	2.9	2.6	(11.3)	1.4	1.3
Air North	1.7	1.8	8.4	0.8	0.9
Total	8.0	7.7	(4.1)	3.9	3.8
Local Service Airlines	8.3	7.7	(6.9)	4.0	3.8
Grand Total	207.4	204.2	(1.5)	100.0	100.0

Notes:

1 Air Carriers listed are the marketing airlines, with the exception of the Air Canada Family.

2 Daily average seat-kilometres in 2015 and 2016 are based on the full year.

3 Air Canada includes domestic portion of Air Canada rouge flights.

4 Air Canada Express - Others includes services operated for Air Canada by Exploit Valley Air Services, Sky Regional, and Air Georgian.

5 WestJet includes WestJet Encore.

6 Domestic portion of international flights, only those flights designated as scheduled flights are included.

Totals may not add up due to rounding.

Sources: International Air Transport Association (IATA), Schedule Reference Service

Table A13: Competition in the Top 25 Domestic Air Markets as of December 31, 2016

Rank	Market ¹	Daily Seats ²		Percentage change over				----- Capacity Market Shares (per cent) -----			
		2016	2015	Air Canada ³	WestJet ⁴	Porter Airlines	Others	Daily Seats ²	2015		
1	Montreal, QC - Toronto, ON ⁵	6,140	7.0	62.6	19.5	14.3	3.5	5,739			
2	Vancouver, BC - Toronto, ON	4,301	10.4	69.1	28.4	0.0	2.5	3,895			
3	Ottawa, ON - Toronto, ON ⁵	3,974	5.6	52.3	24.0	23.6	0.1	3,763			
4	Calgary, AB - Vancouver, BC	3,514	0.4	47.6	51.2	0.0	1.2	3,498			
5	Calgary, AB - Toronto, ON	3,298	0.7	54.4	45.3	0.0	0.4	3,276			
6	Edmonton, AB - Toronto, ON	2,106	(5.9)	55.8	44.2	0.0	0.0	2,237			
7	Vancouver, BC - Edmonton, AB	2,065	1.7	51.1	48.9	0.0	0.0	2,029			
8	Halifax, NS - Toronto, ON ⁵	1,916	4.9	63.5	35.9	0.5	0.0	1,828			
9	Winnipeg, MB - Toronto, ON	1,767	11.3	55.44	44.48	0.03	0.04	1,588			
10	Calgary, AB - Edmonton, AB	1,748	(7.3)	42.9	51.0	0.0	6.1	1,885			
11	Vancouver, BC - Victoria, BC ^{6,7}	1,377	14.2	60.9	25.4	0.0	13.8	1,206			
12	Winnipeg, MB - Calgary, AB	1,086	(1.4)	26.8	73.2	0.0	0.0	1,101			
13	Thunder Bay, ON - Toronto, ON ⁴	1,072	4.8	39.8	28.1	32.1	0.0	1,022			
14	Toronto, ON - St John's, NL	1,031	3.4	68.5	28.9	0.0	2.6	998			
15	Montreal, QC - Vancouver, BC	984	17.6	91.5	8.5	0.0	0.0	837			
16	Calgary, AB - Kelowna, BC	984	5.5	21.0	78.8	0.0	0.1	932			
17	Calgary, AB - Saskatoon, SK	976	1.1	31.9	68.1	0.0	0.0	965			
18	Vancouver, BC - Kelowna, BC	955	5.5	57.7	40.1	0.0	2.2	905			
19	St John's, NL - Halifax, NS	856	(0.5)	43.6	39.5	16.8	0.0	860			
20	Montreal, QC - Quebec City, QC	839	8.1	87.4	0.0	0.0	12.6	776			
21	Victoria, BC - Calgary, AB	828	(0.6)	23.6	76.4	0.0	0.0	834			
22	Ottawa, ON - Halifax, NS	801	6.4	44.1	25.9	30.1	0.0	753			
23	Quebec City, QC - Toronto, ON ⁵	793	4.8	67.6	20.9	11.4	0.1	756			
24	Regina, SK - Calgary, AB	765	(0.7)	30.9	69.1	0.0	0.0	770			
25	Montreal, QC - Halifax, NS	733	4.2	75.4	0.0	0.0	24.6	703			

Notes:

- 1 The top 25 markets are ranked on the number of 2016 daily seats.
- 2 The number of daily seats is defined as the average number of seats offered on non-stop flights in each direction.
- 3 Data for Air Canada include the number of seats operated by Air Canada rouge and Air Canada Express.
- 4 Data for WestJet includes the number of seats operated by WestJet Encore.
- 5 Includes Toronto Lester B Pearson and Billy Bishop Toronto City Airport.
- 6 Includes Vancouver International and Vancouver Harbour.
- 7 Includes Victoria International and Victoria Harbour.

Source: International Air Transport Association (IATA)-Schedule Reference Service

Table A14: Top 20 busiest Canadian airports in terms of Enplaned/Deplaned Revenue Passengers, 2007–2016

(Millions of E/D revenue passengers)

Ranking Average 2007-16	Airport/Province	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P	2007-16 CAGR
1	Toronto Pearson International, ON	29.8	30.8	29.3	30.9	32.4	34.1	35.1	37.5	39.6	42.3	4.0
2	Vancouver International, BC	17.0	17.1	15.7	16.3	16.6	17.2	17.5	18.9	19.7	21.4	2.6
3	Montréal Trudeau International, QC	12.3	12.3	11.8	12.6	13.3	13.4	13.5	14.2	14.8	15.4	2.5
4	Calgary International, AB	11.9	12.1	11.6	11.8	12.1	12.9	13.5	14.4	14.6	14.8	2.4
5	Edmonton International, AB	5.8	6.2	6.0	6.0	6.2	6.7	7.2	7.6	7.5	7.0	2.0
6	Ottawa Macdonald-Cartier Int'l, ON	4.0	4.2	4.1	4.2	4.4	4.5	4.4	4.5	4.4	4.5	1.5
7	Halifax Robert L. Stanfield Int'l, NS	3.3	3.5	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.8	1.4
8	Winnipeg Richardson Int'l, MB	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.6	3.8	0.7
9	Victoria International, BC	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	2.5
10	Kelowna, BC	1.3	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.6	1.7	2.6
	Total - Top 10 Airports	90.5	92.6	88.1	91.4	94.5	98.6	101.2	107.4	110.9	116.5	2.8
11	St John's International, NL	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.4	1.5	2.9
12	Québec City Jean Lesage Int'l, QC	0.9	1.1	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	6.0
13	Saskatoon John G. Diefenbaker, SK	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.5	1.4	1.4	4.0
14	Regina International, SK	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	3.3
15	Fort McMurray, AB	0.6	0.7	0.7	0.7	0.7	0.9	1.1	1.2	1.0	0.7	2.7
16	Thunder Bay, ON	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.9
17	Moncton/Greater Moncton Int'l, NB	0.5	0.5	C	0.5	0.6	0.6	0.6	0.6	0.6	0.6	2.6
18	Abbotsford, BC	0.5	0.5	C	C	C	C	C	C	C	C	
19	London, ON	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2
20	Prince George, BC	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	(0.6)
	Total - Top 20 Airports¹	97.6	100.2	95.7	99.4	102.8	107.5	110.5	117.0	120.3	125.8	2.9
	Grand Total for All Airports	106.4	109.4	104.8	109.1	113.5	119.2	122.7	129.9	133.4	140.0	3.1
	Top 10's Share (%) of Grand Total	85.0	84.7	84.1	83.7	83.3	82.7	82.5	82.7	83.2	83.2	
	Top 20's Share (%) of Grand Total	91.7	91.6	91.4	91.1	90.6	90.1	90.0	90.1	90.2	89.8	

Notes: R= Revised data. P= Preliminary data. C= Confidential data. E/D= Enplaned/Deplaned passengers. CAGR= Compounded Annual Growth Rate.

1 Toronto Billy Bishop Airport ranks amongst the top 20 airports, but was not included due to confidentiality.

Sources: Transport Canada, adapted from Statistics Canada, "Air Carrier Traffic at Canadian airports", Cat. 51-203, various issues
Transport Canada, ECATS database for 2016 data

Table A15: Top 10 busiest Canadian airports in terms of Enplaned/Deplaned Revenue Passengers, by Sector, 2007–2016

		(Millions of E/D revenue passengers)										
Ranking Average 2007-16	Sector, Airport/Province	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P	2007-16 CAGR
Domestic												
1	Toronto Pearson International, ON	13.3	13.5	12.6	12.7	13.0	13.7	14.3	15.0	15.7	16.7	2.6
2	Vancouver International, BC	8.9	9.1	8.5	8.6	8.6	9.0	9.2	9.9	10.2	10.8	2.2
3	Calgary International, AB	8.6	8.6	8.2	8.1	8.3	8.9	9.4	10.0	10.2	10.5	2.2
4	Edmonton International, AB	4.8	4.9	4.6	4.6	4.7	5.2	5.6	5.9	5.8	5.7	2.0
5	Montreal Trudeau International, QC	5.2	5.0	4.6	4.7	5.0	5.1	5.1	5.4	5.5	6.0	1.7
6	Winnipeg Richardson International, MB	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.3	3.4	3.2	0.8
7	Ottawa Macdonald-Cartier Int'l, ON	3.0	3.0	2.8	2.8	2.8	2.8	2.7	2.9	3.0	3.6	2.0
8	Halifax Stanfield International, NS	2.7	2.8	2.7	2.8	2.8	2.8	2.8	2.9	2.9	3.2	1.8
9	Kelowna, BC	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	2.5
10	Victoria International, BC	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.5	2.1
	Subtotal (Domestic)	51.8	52.5	49.4	49.8	50.8	53.2	54.9	57.9	59.4	62.7	2.1
Transborder¹												
1	Toronto Pearson International, ON	8.6	8.6	8.0	8.5	8.7	9.3	9.6	10.2	10.8	11.3	3.1
2	Vancouver International, BC	4.4	4.2	3.8	4.0	4.1	4.3	4.2	4.7	4.9	5.2	1.9
3	Montreal Trudeau International, QC	3.1	2.9	2.8	3.1	3.1	3.1	3.2	3.4	3.4	3.3	0.8
4	Calgary International, AB	2.3	2.4	2.3	2.4	2.5	2.7	2.9	3.0	3.0	2.9	2.4
5	Edmonton International, AB	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.2	0.9	1.1
6	Ottawa Macdonald-Cartier Int'l, ON	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.6	(3.0)
7	Winnipeg Richardson International, MB	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4	(0.9)
8	Halifax Robert L. Stanfield Int'l, NS	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	(1.7)
9	Victoria International, BC	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3	4.9
10	Québec City Jean Lesage Int'l, QC	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	2.8
	Subtotal (Transborder)	21.0	21.1	19.8	21.0	21.6	22.7	23.2	24.6	25.1	25.3	2.1
Other International												
1	Toronto Pearson International, ON	7.9	8.7	8.8	9.7	10.6	11.1	11.3	12.3	13.2	14.2	6.8
2	Montreal Trudeau International, QC	4.1	4.3	4.5	4.8	5.2	5.2	5.2	5.4	5.8	6.1	4.5
3	Vancouver International, BC	3.8	3.8	3.4	3.7	3.8	3.9	4.1	4.4	4.7	5.4	4.1
4	Calgary International, AB	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.5	4.5
5	Ottawa Macdonald-Cartier Int'l, ON	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	4.5
6	Edmonton International, AB	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.4	3.8
7	Québec City Jean Lesage Int'l, QC	0.2	0.2	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	8.6
8	Halifax Robert L. Stanfield Int'l, NS	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
9	Winnipeg Richardson International, MB	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.2
10	St John's International, NL	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	11.1
	Subtotal (Other International)	17.9	19.3	19.3	21.0	22.6	23.3	23.6	25.3	27.0	29.0	5.5
All Sectors												
1	Toronto Pearson International, ON	29.8	30.8	29.3	30.9	32.4	34.1	35.1	37.5	39.6	42.3	4.0
2	Vancouver International, BC	17.0	17.1	15.7	16.3	16.6	17.2	17.5	18.9	19.7	21.4	2.6
3	Montreal Trudeau International, QC	12.3	12.3	11.8	12.6	13.3	13.4	13.5	14.2	14.8	15.4	2.5
4	Calgary International, AB	11.9	12.1	11.6	11.8	12.1	12.9	13.5	14.4	14.6	14.8	2.4
5	Edmonton International, AB	5.8	6.2	6.0	6.0	6.2	6.7	7.2	7.6	7.5	7.0	2.0
6	Ottawa Macdonald-Cartier Int'l, ON	4.0	4.2	4.1	4.2	4.4	4.5	4.4	4.5	4.4	4.5	1.5
7	Halifax Robert L. Stanfield Int'l, NS	3.3	3.5	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.8	1.4
8	Winnipeg Richardson International, MB	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.6	3.8	0.7
9	Victoria International, BC	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	2.5
10	Kelowna, BC	1.3	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.6	1.7	2.6
	Subtotal (All Sectors)	90.5	92.6	88.1	91.4	94.5	98.6	101.2	107.4	110.9	116.5	2.8
Grand Total for All Airports												
	Domestic	66.7	68.1	64.7	65.8	67.8	71.5	74.1	78.0	79.5	83.9	2.6
	Transborder	21.5	21.7	20.5	22.0	22.8	24.0	24.7	26.2	26.5	26.7	2.4
	Other International	18.3	19.5	19.6	21.4	22.9	23.6	24.0	25.7	27.4	29.4	5.4
	All Sectors	106.4	109.4	104.8	109.1	113.5	119.2	122.7	129.9	133.4	140.0	3.1
Top 10's Share (%) of Grand Total												
	Domestic	77.7	77.1	76.4	75.7	75.0	74.3	74.2	74.3	74.8	74.7	(0.4)
	Transborder	97.9	97.0	96.4	95.4	94.9	94.5	94.0	94.0	94.7	94.9	(0.3)
	Other International	98.2	98.7	98.6	98.5	98.5	98.4	98.3	98.4	98.4	98.6	0.0
	All Sectors	85.0	84.7	84.1	83.7	83.3	82.7	82.5	82.7	83.2	83.2	(0.2)

Notes: R= Revised data. P= Preliminary data. C= Confidential data. CAGR= Compounded Annual Growth Rate.

¹ Toronto Billy Bishop Airport ranks amongst the top 10 transborder airports, but was not included due to confidentiality.Sources: Transport Canada, adapted from Statistics Canada, "Air Carrier Traffic at Canadian airports", Cat. 51-203, various issues
Transport Canada, ECATS database for 2016 data

Table A16: Volume of Traffic Carried by Canadian Air Carriers, 2006–2015

<i>Year</i>	<i>(Millions)</i>			
	<i>Passengers</i>	<i>Passenger - Kilometers</i>	<i>Goods (Tonnes)</i>	<i>Goods Tonne-Kilometers</i>
2006	51.8	118,729	0.790	2,033
2007	55.0	126,334	0.893	1,997
2008	57.7	129,600	0.878	1,809
2009	55.0	122,683	0.671	1,628
2010	59.0	136,286	0.790	2,085
2011	62.9	147,107	0.754	2,212
2012	66.9	156,323	0.747	2,266
2013	67.4	155,876	0.715	2,169
2014	72.2	167,108	0.737	2,376
2015	75.5	176,255	0.695	2,283
CAGR 2006–2015 (%)	4.3	4.5	(1.4)	1.3

Notes: CAGR= Compounded Annual Growth Rate
Scheduled and charter services, Canadian air carriers Level I-III

Source: Statistics Canada, "Air Service Bulletin", Cat. 51-004

Table A17: Top 10 busiest Canadian airports in terms of Loaded/ Unloaded Revenue Cargo, by Sector 2007–2016

(Thousands of Loaded/Unloaded tonnes)

Ranking Average 2007-16	Sector, Airport/Province	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P	2007-16 CAGR
Domestic												
1	Vancouver International, BC	72.8	66.8	70.4	79.4	77.4	79.1	73.1	83.7	90.2	91.5	2.6
2	Hamilton, ON	73.3	67.8	63.9	70.8	66.6	63.2	61.3	63.1	77.1	77.8	0.7
3	Toronto Pearson International, ON	52.3	50.3	58.3	66.3	64.4	67.3	67.7	72.7	79.0	80.6	4.9
4	Winnipeg Richardson International, MB	54.0	49.0	47.1	53.9	58.1	57.8	51.1	52.2	57.3	75.6	3.8
5	Calgary International, AB	29.4	28.7	32.5	36.7	38.7	40.5	34.8	36.6	40.2	36.0	2.3
6	Moncton/Greater Moncton Int'l, NB	20.0	19.1	31.3	34.1	28.4	27.1	27.4	27.7	32.6	37.1	7.1
7	Montreal Mirabel, QC	17.3	17.8	22.0	22.5	23.7	22.8	19.8	21.1	28.6	28.7	5.8
8	Halifax Robert L. Stanfield Int'l, NS	14.3	16.0	20.9	23.6	23.9	23.6	24.5	25.2	22.8	20.4	4.0
9	Edmonton International, AB	15.3	13.5	14.6	16.6	16.2	16.9	17.7	18.1	19.4	17.1	1.2
10	Montreal Trudeau International, QC	16.7	16.6	11.6	12.4	11.8	11.4	10.1	13.8	15.7	17.7	0.7
	Subtotal (Domestic)	365.5	345.7	372.6	416.4	409.2	409.6	387.5	414.2	462.7	482.4	3.1
Transborder												
1	Toronto Pearson International, ON	132.6	126.8	97.0	100.1	94.3	90.2	90.3	91.9	87.2	88.6	(4.4)
2	Montreal Mirabel, QC	39.8	39.5	29.4	34.0	38.0	36.2	36.5	36.1	36.8	35.6	(1.2)
3	Vancouver International, BC	37.0	35.4	28.1	33.0	34.2	32.7	36.6	33.4	37.7	36.2	(0.2)
4	Calgary International, AB	31.7	26.8	23.3	23.3	24.5	24.9	27.4	22.9	20.1	20.2	(4.9)
5	Hamilton, ON	9.1	9.1	9.2	10.8	18.2	17.3	22.8	25.4	33.4	45.0	19.4
6	Winnipeg Richardson International, MB	8.9	8.7	6.4	7.1	7.1	8.3	8.8	8.1	8.2	7.9	(1.4)
7	Edmonton International, AB	0.2	1.8	3.4	4.9	5.5	6.5	7.9	8.3	6.8	5.3	44.8
8	Montreal Trudeau International, QC	5.6	4.9	3.3	3.0	1.0	1.0	1.3	1.2	0.9	0.7	(21.2)
9	Ottawa Macdonald-Cartier Int'l, ON	4.1	3.0	0.5	0.8	0.7	0.7	0.8	0.8	1.0	0.6	(19.3)
10	Halifax Robert L. Stanfield Int'l, NS	0.5	0.3	0.7	0.5	0.0	0.2	0.0	0.0	0.3	1.8	15.0
	Subtotal (Transborder)	269.7	256.3	201.3	217.6	223.4	218.0	232.4	228.1	232.5	241.9	(1.2)
Other International												
1	Toronto Pearson International, ON	164.3	151.4	143.3	174.0	185.6	188.2	188.4	192.2	201.8	210.3	2.8
2	Vancouver International, BC	70.5	73.1	70.3	84.2	78.9	81.7	85.3	100.1	110.2	129.3	7.0
3	Montreal Trudeau International, QC	56.6	55.5	51.4	61.8	64.2	65.8	65.5	61.7	63.2	73.9	3.0
4	Calgary International, AB	19.3	19.9	17.1	20.5	20.4	18.4	21.4	26.1	22.9	21.7	1.3
5	Halifax Robert L. Stanfield Int'l, NS	7.6	4.5	5.0	3.8	1.7	2.9	3.0	3.4	3.6	4.4	(5.9)
6	Ottawa Macdonald-Cartier Int'l, ON	1.0	1.3	1.7	3.9	2.8	2.1	2.0	2.1	2.5	1.9	6.8
7	Edmonton International, AB	2.0	1.9	1.4	1.4	1.2	1.4	1.1	1.2	1.7	1.8	(1.6)
8	Hamilton, ON	0.6	1.0	0.6	0.2	0.6	0.9	2.4	0.5	0.3	0.2	(10.1)
9	Montreal Mirabel, QC	1.4	1.3	0.1	1.1	0.5	0.6	0.4	0.4	0.7	0.3	(16.7)
10	Winnipeg Richardson International, MB	1.9	0.0	0.0	0.0	0.1	0.4	0.4	0.9	0.4	0.6	(11.9)
	Subtotal (Other International)	325.1	309.8	290.8	350.9	356.0	362.3	369.8	388.7	407.4	444.4	3.5
All Sectors												
1	Toronto Pearson International, ON	349.3	328.5	298.5	340.4	344.3	345.7	346.4	356.8	368.0	379.4	0.9
2	Vancouver International, BC	180.3	175.4	168.8	196.6	190.5	193.4	195.0	217.2	238.1	257.1	4.0
3	Hamilton, ON	83.0	77.8	73.7	81.9	85.3	81.3	86.5	89.0	110.8	123.0	4.5
4	Calgary International, AB	80.4	75.4	72.9	80.5	83.5	83.8	83.6	85.5	83.2	77.8	(0.4)
5	Montreal Trudeau International, QC	78.9	76.9	66.3	77.2	77.0	78.2	76.9	76.7	79.8	92.3	1.8
6	Montreal Mirabel, QC	61.2	59.8	60.8	69.3	66.9	63.8	64.3	64.1	70.2	73.0	2.0
7	Winnipeg Richardson International, MB	64.8	57.7	53.5	61.0	65.2	66.5	60.3	61.2	65.9	84.1	2.9
8	Halifax Robert L. Stanfield Int'l, NS	22.4	20.9	26.7	27.9	25.6	26.7	27.5	28.7	26.7	26.6	1.9
9	Edmonton International, AB	17.6	17.3	19.4	22.9	23.0	24.8	26.7	27.6	27.9	24.2	3.6
10	Moncton/Greater Moncton Int'l, NB	17.3	17.8	22.0	22.5	23.7	22.9	19.8	21.3	29.0	28.8	5.8
	Subtotal (All Sectors)	955.1	907.5	862.6	980.2	985.1	987.1	986.8	1028.2	1099.5	1166.2	2.2
Grand Total for All Airports												
	Domestic	417.8	401.2	431.1	478.7	471.7	475.7	469.9	483.3	531.5	549.1	3.1
	Transborder	271.7	256.7	201.8	218.2	224.1	218.8	233.0	228.8	232.9	242.3	(1.3)
	Other International	327.9	316.7	297.9	355.8	359.5	362.9	370.0	390.3	408.3	445.2	3.5
	All Sectors	1017.3	974.6	930.7	1052.7	1055.3	1057.3	1072.9	1102.4	1172.6	1236.6	2.2
Top 10's Share (%) of Grand Total												
	Domestic	87.5	86.2	86.4	87.0	86.8	86.1	82.5	85.7	87.1	87.9	0.0
	Transborder	99.3	99.8	99.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	0.1
	Other International	99.1	97.8	97.6	98.6	99.0	99.8	99.9	99.6	99.8	99.8	0.1
	All Sectors	93.9	93.1	92.7	93.1	93.3	93.4	92.0	93.3	93.8	94.3	0.1

Notes: R= Revised data. P= Preliminary data. C= Confidential data. CAGR= Compounded Annual Growth Rate.

Reported tonnage might be underestimated as:

- cargo data were not collected for the smaller scheduled services / or the smaller charter operations
- some carriers report their data after the submission period. Updated data is published in the next edition.

Sources: Transport Canada, adapted from Statistics Canada, "Air Carrier Traffic at Canadian airports", Cat. 51-203, various issues
Transport Canada, ECATS database for 2016 data

Table A18: Air Exports and Imports, by World Region, 2015 and 2016

(Millions of dollars)

Destination	Region of Origin		Grand Total	Per Cent of Total
	Eastern Canada	Western Canada		
Exports (2015^R)				
Europe	20,507	2,631	23,137	39.2
United States	18,644	1,179	19,824	33.6
Asia	8,389	1,638	10,027	17.0
Latin America	1,632	276	1,908	3.2
Other	3,094	1,064	4,158	7.0
Total Exports¹	52,266	6,788	59,054	100.0
Exports (2016^P)				
Europe	23,272	2,473	25,745	44.2
United States	17,306	1,172	18,478	31.8
Asia	7,035	1,637	8,673	14.9
Latin America	1,816	281	2,097	3.6
Other	2,546	653	3,199	5.5
Total Exports¹	51,975	6,216	58,192	100.0
Origin	Region of Clearance		Grand Total	Per Cent of Total
	Eastern Canada	Western Canada		
Imports (2015^R)				
Europe	19,490	2,203	21,693	31.2
United States	15,806	5,032	20,838	30.0
Asia	13,274	2,766	16,041	23.1
Latin America	7,053	515	7,568	10.9
Other	2,834	446	3,279	4.7
Total Imports	58,457	10,962	69,419	100.0
Imports (2016^P)				
Europe	18,076	2,176	20,253	30.2
United States	15,245	4,142	19,387	28.9
Asia	13,426	2,922	16,348	24.4
Latin America	6,658	608	7,266	10.8
Other	3,240	502	3,742	5.6
Total Imports	56,645	10,351	66,996	100.0

Notes: R= Revised data. P= Preliminary data.

1 Total exports include domestic exports and re-exports.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table A19: Main Commodity Groups Shipped by Air in Canada's International Trade, 2015 and 2016

(Millions of dollars)

	2015 ^R	2016 ^P	Per Cent Change
Exports¹			
Other manufactured and miscellaneous goods	26,642	27,058	1.6
Machinery and electrical equipment	13,563	14,279	5.3
Automobiles, parts and other transportation equipment	11,781	9,402	(20.2)
Aviation-related equipment	11,583	9,204	(20.5)
Chemical products, plastics and rubber	3,840	4,269	11.2
Agricultural and food products	1,725	1,633	(5.3)
Base metals and articles thereof	668	663	(0.6)
Waste and scrap material	566	623	10.2
Wood and paper products	155	181	17.0
Non-metallic minerals, coal and stone products	72	76	5.9
Petroleum products, LNG and other fuels	5	6	9.4
Metallic ores	36	0	(99.3)
Total Exports	59,054	58,192	(1.5)
Imports	2015 ^R	2016 ^P	Per Cent Change
Machinery and electrical equipment	25,073	24,451	(2.5)
Other manufactured and miscellaneous goods	20,012	20,533	2.6
Chemical products, plastics and rubber	12,794	12,069	(5.7)
Automobiles, parts and other transportation equipment	8,534	6,597	(22.7)
Aviation-related equipment	7,788	5,855	(24.8)
Base metals and articles thereof	1,407	1,394	(0.9)
Agricultural and food products	785	810	3.2
Waste and scrap material	276	636	130.5
Wood and paper products	314	281	(10.5)
Non-metallic minerals, coal and stone products	197	213	8.5
Petroleum products, LNG and other fuels	29	12	(57.2)
Metallic ores	0	0	16.2
Total Imports	69,419	66,996	(3.5)

Notes: R= Revised data. P= Preliminary data.

1 Total exports include domestic exports and re-exports.

2 LNG= Liquefied natural gas.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Marine Transportation

Table M1: Port Classifications, as of December 31, 2016

	<i>Federal</i>	<i>Provincial</i>	<i>Local</i>	<i>Total</i>
Federal Agency Ports				
Canada Port Authorities	18	N/A	N/A	18
Harbour Authorities	0	N/A	N/A	0
Ports Operated by Transport Canada				
Regional/Local	27	N/A	N/A	27
Remote	21	N/A	N/A	21
Ports Transferred¹				
From Transport Canada	66	43	149	258
Status of Other Former Transport Canada Ports				
Demolished	8	N/A	N/A	8
Interests Terminated	24	N/A	N/A	24
Deproclaimed ²	211	N/A	N/A	211

Notes: N/A= Not available.

Additional detailed information on ports is presented in tables M2 and M3 “in the Addendum”. This includes summaries of the provincial distribution of the ports Transport Canada administered from 2007 to 2016 and the divestiture status of regional/local and remote ports on a regional basis.

1 Includes 20 sites where facilities have been transferred but the harbour bed has not yet been deproclaimed, 65 sites that were transferred to Fisheries and Oceans Canada and one site that was transferred to Health Canada.

2 Public harbours deproclaimed between June 1996 and March 1999.

Source: Port Program Management - AHPP, Transport Canada

Table M2: Number of Port Sites Under the Control and Administration of Transport Canada, by Province, 2007–2016

(Status as of December 31, 2016)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Newfoundland and Labrador	14	14	14	8	7	7	6	3	3	3
Nova Scotia	4	4	4	2	2	2	2	2	2	1
Prince Edward Island	2	2	2	1	1	1	0	0	0	0
New Brunswick	0	0	0	0	0	0	0	0	0	0
Quebec	31	31	31	31	27	26	25	25	25	25
Ontario	9	9	9	8	8	8	8	8	8	7
Manitoba	1	1	1	1	1	1	1	1	1	1
Saskatchewan	0	0	0	0	0	0	0	0	0	0
Alberta	1	1	1	1	1	1	1	1	1	1
British Columbia	15	15	16	15	15	15	13	10	10	10
Northwest Territories	0	0	0	0	0	0	0	0	0	0
Total	77	77	78	67	62	61	56	50	50	48

Source: Port Program Management – AHPP, Transport Canada

Table M3: Divestiture Status of Transport Canada Regional/Local and Remote Ports

(Status as of December 31, 2016)

Region	Transferred to Provinces	Transferred to Other Federal Departments	Divested to Local Interests	Transport Canada				Total	Partial Divestitures (not counted in transfer total) ²	
				Demolished	Interests Terminated	Deproclaimed ¹	Remaining			
Atlantic	35	5	41	1		14	160	4	260	8
Quebec	7	2	15	2		0	23	25	74	7
Ontario	1	4	21	1		4	17	7	55	15
Manitoba	0	0	0	0		0	0	1	1	0
Prairie/Northern	0	55	0	0		0	1	1	57	0
Pacific	0	0	72	4		6	10	10	102	14
Total	43	66	149	8		24	211	48	549	44

Notes:

- Does not include deproclamation of 26 harbours found during subsequent archival research, nor the 20 sites where facilities have been transferred but cannot be deproclaimed because the harbour bed has not yet been divested.
- In some port divestitures, harbour beds were not transferred, therefore those would be considered partial divestitures.

Source: Port Program Management - AHPP, Transport Canada

Table M4: Canada Port Authorities (CPA) Financial Profiles, 2015

(Thousands of dollars)

Financial Information	Port of							Port		Total CPAs
	Vancouver	Montreal	Halifax	Quebec City	Saint John	St. John's	Prince Rupert	Alberni	Hamilton	
Operating revenues	239,188	102,637	35,438	26,020	17,612	7,412	53,117	4,985	23,213	
Operating expenses	86,703	57,105	19,324	20,238	11,691	5,330	23,222	4,433	12,605	
Operating income	152,485	45,532	16,114	5,782	5,921	2,082	29,895	552	10,608	
Gross revenue charge	6,786	4,073	1,524	974	511	150	2,605	100	801	
Other revenues/(expenses) ¹	(38,236)	823	(10,195)	(6,498)	(3,144)	(1,194)	(1,494)	(519)	(6,746)	
Net Income (loss)²	107,463	42,282	4,395	(1,690)	2,266	738	25,796	(67)	3,061	
<i>Other Information</i>										
Acquisition of capital assets	107,609	34,581	12,335	12,650	5,319	1,886	11,500	226	9,385	
Total assets	1,517,157	375,424	226,174	171,046	94,649	37,902	206,686	15,684	131,750	
Equity	1,313,158	303,050	162,483	96,306	90,787	33,124	131,924	10,764	121,988	
<i>Ratios</i>										
Operating ratio	36.2%	55.6%	54.5%	77.8%	66.4%	71.9%	43.7%	88.9%	54.3%	
Return on assets	7.1%	11.3%	1.9%	(1.0%)	2.4%	1.9%	12.5%	(0.4%)	2.3%	
<i>Thunder</i>										
Financial Information	Nanaimo	Bay	Toronto	Windsor	Saguenay	Sept-Îles	Trois-Rivières	Belledune	Oshawa	Total CPAs
Operating revenues	8,767	2,981	55,894	1,681	2,817	7,423	6,876	7,727	1,648	605,436
Operating expenses	7,253	2,246	42,071	1,173	1,959	5,813	3,969	3,445	945	309,525
Operating income	1,514	735	13,823	508	858	1,610	2,907	4,282	703	295,911
Gross revenue charge	176	72	2,748	38	60	152	149	158	33	21,110
Other revenues/(expenses) ¹	(1,641)	146	(5,178)	22	(73)	(4,632)	(1,253)	(2,646)	(904)	(83,362)
Net Income (loss)²	(303)	809	5,897	492	725	(3,174)	1,505	1,478	(234)	191,439
<i>Other Information</i>										
Acquisition of capital assets	5,616	359	29,428	864	1,163	17,991	6,268	559	110	257,849
Total assets	35,420	42,633	235,947	13,718	29,669	349,070	76,502	71,477	11,112	3,642,020
Equity	29,955	41,649	112,119	12,476	23,508	71,170	62,252	46,924	8,474	2,672,111
<i>Ratios</i>										
Operating ratio	82.7%	75.3%	75.3%	69.8%	69.5%	78.3%	57.7%	44.6%	57.3%	51.1%
Return on assets	(0.9%)	1.9%	2.5%	3.6%	2.4%	(0.9%)	2.0%	2.1%	(2.1%)	5.3%

Notes:

- Other revenue/(expenses) includes items such as amortization, interest expense, interest income, etc.
- Net income (loss) is before other comprehensive income, such as fair value changes.

Sources: CPAs 2015 Audited Financial Statements

Table M5: Canada Port Authorities (CPA) Financial Comparison, 2014 and 2015

(Thousands of dollars)

CPA Ports	Operating revenues		Operating expenses		Gross Revenue Charge		Other revenues/(expenses) ¹		Net Income/(Loss) ²	
	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014
Vancouver	239,188	222,539	86,703	86,645	6,786	6,453	(38,236)	(32,872)	107,463	96,569
Montreal	102,637	94,079	57,105	56,298	4,073	3,912	823	(19,335)	42,282	14,534
Halifax	35,438	33,802	19,324	18,690	1,524	1,425	(10,195)	(9,415)	4,395	4,272
Quebec	26,020	30,541	20,238	21,117	974	1,253	(6,498)	(6,421)	(1,690)	1,750
Saint John	17,612	16,182	11,691	11,057	511	456	(3,144)	(2,971)	2,266	1,698
St. John's	7,412	7,401	5,330	4,289	150	148	(1,194)	(1,127)	738	1,837
Prince Rupert	53,117	51,902	23,222	21,515	2,605	2,529	(1,494)	(1,586)	25,796	26,272
Port Alberni	4,985	5,019	4,433	4,718	100	97	(519)	(549)	(67)	(345)
Hamilton	23,213	21,367	12,605	11,616	801	664	(6,746)	(6,343)	3,061	2,744
Nanaimo	8,767	9,019	7,253	7,588	176	181	(1,641)	(1,641)	(303)	(391)
Thunder Bay	2,981	3,079	2,246	2,095	72	74	146	152	809	1,062
Toronto	55,894	50,515	42,071	30,757	2,748	2,425	(5,178)	(2,446)	5,897	14,887
Windsor	1,681	1,536	1,173	1,189	38	34	22	(2)	492	311
Saguenay	2,817	2,457	1,959	1,705	60	50	(73)	(177)	725	525
Sept-Îles	7,423	13,047	5,813	5,672	152	374	(4,632)	(353)	(3,174)	6,648
Trois-Rivières	6,876	7,288	3,969	3,290	149	160	(1,253)	(730)	1,505	3,108
Belledune	7,727	7,606	3,445	2,907	158	160	(2,646)	(2,678)	1,478	1,861
Oshawa	1,648	1,482	945	875	33	30	(904)	(594)	(234)	(17)
Total CPA Ports	605,436	578,861	309,525	292,023	21,110	20,425	(83,362)	(89,088)	191,439	177,325

Notes:

1 Other revenue/(expenses) includes items such as amortization, interest expense, interest income, etc.

2 Net income (loss) is before other comprehensive income, such as fair value changes.

Sources: CPAs 2014 and 2015 Audited Financial Statements

Table M6: Financial Results for Transport Canada Ports, 2007/2008–2016/2017

(Millions of dollars)

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17 ^F
Revenues	10.3	10.7	10.2	10.5	10.4	9.3	8.8	8.7	8.1	7.8
Expenses	18.2	21.3	19.3	18.5	12.3	12.1	12.2	11.6	11.7	12.8
Operating Income (loss)	(7.9)	(10.6)	(9.1)	(8.0)	(1.9)	(2.8)	(3.4)	(2.9)	(3.6)	(5.0)
Capital Expenditures	11.0	21.5	16.3	7.6	11.6	6.2	11.9	8.4	4.8	4.2
Grants and Contributions	16.0	0.4	23.8	14.5	28.2	12.9	24.3	3.0	0.1	5.5
Net Income (loss)	(34.9)	(32.5)	(49.2)	(30.1)	(41.7)	(21.9)	(39.6)	(14.3)	(8.4)	(14.7)

Note: F= Forecast (as of December 31, 2016).

Source: Air and Marine Programs, AHP, Transport Canada

Table M7: Pilotage Authorities Financial Results, 2007–2016

		(Thousands of dollars)									
<i>Pilotage Authority</i>		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^P
Atlantic (APA)	Revenues	16,864	17,956	19,648	21,584	22,041	20,341	21,576	22,562	22,673	24,093
	Expenditures	17,540	18,718	18,339	19,208	20,148	20,483	21,475	23,180	23,224	22,896
	Net Income (loss)	(676)	(762)	1,309	2,376	1,893	(142)	101	(618)	(551)	1,197
Laurentian (LPA)	Revenues	66,527	67,824	62,886	69,241	77,399	78,752	78,066	85,136	86,229	91,430
	Expenditures	62,395	62,739	59,691	64,054	72,030	76,020	76,554	83,045	82,597	89,890
	Net Income (loss)	4,132	5,085	3,195	5,187	5,369	2,732	1,512	2,091	3,632	1,540
Great Lakes (GLPA)	Revenues	19,006	16,221	13,770	20,089	19,599	20,558	22,223	26,602	25,554	25,888
	Expenditures	18,744	16,458	15,635	18,076	18,945	20,182	21,328	25,266	25,906	26,742
	Net Income (loss)	262	(237)	(1,865)	2,013	654	376	894	1,336	(352)	(854)
Pacific (PPA)	Revenues	52,738	55,076	55,925	59,212	61,758	64,576	71,959	74,689	73,016	76,552
	Expenditures	51,227	53,146	51,990	55,973	58,801	63,123	72,313	78,193	77,411	80,330
	Net Income (loss)	1,511	1,930	3,935	3,239	2,957	1,453	(354)	(3,504)	(4,395)	(3,778)
Total All Authorities	Revenues	155,135	157,077	152,229	170,126	180,797	184,227	193,824	208,989	207,472	217,963
	Expenditures	149,906	151,061	145,655	157,279	169,924	179,808	191,670	209,684	209,138	219,858
	Net Income (loss)	5,229	6,016	6,574	12,847	10,873	4,419	2,154	(695)	(1,666)	(1,895)

Notes: P= Preliminary data.

Sources: Pilotage Authorities' Annual Reports, various years; Transport Canada

Table M8: St. Lawrence Seaway Financial Performance, 2006/07–2015/16

Year	(Thousands of dollars)			
	Revenues	Expenditures	Excess of Revenue Over Expenses	Net Excess of Revenue Over Expenses ²
2006/07	85,198	101,064	(15,866)	3,224
2007/08	78,097	102,876	(24,779)	(5,255)
2008/09	70,959	115,108	(44,149)	(1,270)
2009/10	55,247	111,803	(56,556)	(2,440)
2010/11	65,952	117,916	(51,964)	15,108
2011/12	68,165	129,381	(61,216)	5,376
2012/13	72,010	133,580	(61,570)	10,837
2013/14	68,526	160,768	(92,242)	16,297
2014/15	77,894	169,687	(91,793)	20,083
2015/16 ¹	71,894	179,359	(107,465)	23,058

Notes: Fiscal from April 1st to March 31st.

1 Revenues for the 2015/16 fiscal year consist primarily of tolls collected during the 2015 navigation season, which ended on December 30, 2015.

2 Following contribution from Capital Trust Fund.

Source: St. Lawrence Seaway Management Corporation

Table M9: Canadian-Registered Fleet by Vessel Type, 1996, 2006 and 2016

Type of Vessel	Gross Tons (Thousands of tons)			Number of Vessels		
	1996	2006	2016	1996	2006	2016
Dry Bulk	1,289	1109	1,238	72	62	68
Tankers	159	520	615	21	24	25
General Cargo	131	108	113	16	18	16
Ferries	345	408	470	60	72	70
Other	34	38	36	7	6	6
Total	1,958	2,183	2,472	176	182	185

Note: Self-propelled vessels of 1,000 gross tons and over, including government-owned ferries; excluding tugs used in offshore supply.

Source: Transport Canada vessel registration data

Table M10: Total Pilotage Assignments and Assignments Per Pilot, 2007–2016

Pilotage Authority	Indicators	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^P
Atlantic (APA)	Number of pilots ¹	57	57	58	59	45	55	52	56	58	58
	Total Assignments	10,134	9,541	9,063	9,338	8,997	8,254	8,338	8,472	8,348	7,959
	Assignments per Pilot	178	167	156	158	199	150	160	151	144	137
Laurentian (LPA)	Number of pilots ²	179	181	175	191	185	187	188	187	184	185
	Total Assignments	23,162	22,658	19,611	21,096	22,729	22,115	20,928	22,415	21,495	22,432
	Assignments per Pilot	129	125	112	110	123	118	111	120	117	121
Great Lakes (GLPA)	Number of pilots	62	63	57	57	57	56	56	56	56	59.5
	Total Assignments	7,177	5,989	4,468	6,059	6,389	6,358	6,403	7,462	7,166	7,020
	Assignments per Pilot	116	96	79	107	113	114	114	133	128	118
Pacific (PPA) ³	Number of pilots	104	106	106	105	105	105	107	106	106	111
	Total Assignments	13,012	12,598	11,124	11,688	12,522	12,292	12,840	13,264	12,892	12,661
	Assignments per Pilot	125	119	114	119	101	123	120	125	122	114
Total All Authorities	Number of pilots	402	407	396	412	392	403	403	405	404	414
	Total Assignments	53,485	50,786	45,188	48,181	50,637	49,019	48,509	51,613	49,901	50,072
	Assignments per Pilot	133	125	114	121	121	123	120	127	124	121

Notes: P= Preliminary data.

1 Atlantic Pilotage Authority: Employee pilots and contract pilots.

2 Laurentian Pilotage Authority: Contract pilots, apprentice pilots and staff pilots.

3 Pacific Pilotage Authority: Coastal and Fraser River sectors.

Sources: Pilotage Authorities' Annual Reports, various years; Transport Canada

Table M11: Total Tonnage Handled in Canada's Port System, 2006–2015

	(Millions of tonnes)			Shares (%)	
	Port System		Total	Canada Port Authorities	Transport Canada and
	Canada Port Authorities (CPAs)	Transport Canada and Other Ports		(CPAs)	Other Ports
2006	254.1	212.5	466.6	54.5	45.5
2007	253.9	215.4	469.3	54.1	45.9
2008	253.5	210.6	464.0	54.6	45.4
2009	234.6	175.3	410.0	57.2	42.8
2010	269.0	181.5	450.5	59.7	40.3
2011	285.5	180.7	466.2	61.2	38.8
2012 ^E	294.2	181.0	475.2	61.9	38.1
2013 ^E	297.8	181.9	479.7	62.1	37.9
2014 ^E	295.0	181.2	476.2	62.0	38.0
2015 ^E	290.2	182.8	473.0	61.4	38.6
CAGR 2006-15	1.5%	(1.7)	0.2%		

Notes: E= Estimated data. CAGR= Compound Annual Growth Rate.

Sources: Statistics Canada, Shipping in Canada, Cat. 54-205; Canadian Port Authorities (CPA) web sites data; Transport Canada

Table M12: St. Lawrence Seaway Cargo Traffic, 2007–2016

(Millions of tonnes)

	<i>Montreal–Lake Ontario Section</i>	<i>Welland Canal Section</i>
2007	32.0	34.9
2008	29.3	33.6
2009	20.7	26.4
2010	26.9	29.2
2011	28.7	29.6
2012	31.4	30.0
2013	28.6	29.2
2014	30.1	31.8
2015	27.4	28.2
2016 ^P	27.1	26.2

Note: P= Preliminary data.

Source: St. Lawrence Seaway Management Corporation

Table M13: St. Lawrence Seaway Traffic¹, by Commodity, 2007–2016

(Millions of tonnes)

<i>Year</i>	<i>General Cargo</i>					<i>Total</i>
	<i>Grain</i>	<i>Iron Ore</i>	<i>Coal</i>	<i>Other</i>	<i>Cargo</i>	
2007	10.4	11.9	2.4	3.2	15.1	43.0
2008	7.6	11.9	1.9	3.6	15.7	40.8
2009	8.2	7.0	0.9	2.9	11.7	30.7
2010	9.2	9.7	1.5	3.7	12.3	36.5
2011	8.6	8.8	1.9	3.7	14.4	37.5
2012	8.6	10.3	2.0	4.6	13.5	39.0
2013	8.4	9.9	1.6	4.5	12.6	37.0
2014	12.1	6.9	3.2	4.2	13.6	39.9
2015	10.9	7.2	2.7	2.5	13.0	36.2
2016 ^P	11.3	6.2	2.6	2.2	12.6	35.0

Notes: P= Preliminary data.

¹ Combined traffic on the two sections of the Seaway.

Source: St. Lawrence Seaway Management Corporation

Table M14: International Cruise Ship Traffic at Major Canadian Ports, 2007–2016

(Thousands of passengers)

<i>Year</i>	<i>Vancouver</i>	<i>Montreal</i>	<i>Quebec City</i>	<i>Halifax</i>	<i>Saint John</i>
2007	960.6	34.8	66.2	176.7	133.7
2008	854.5	39.6	82.1	228.1	181.9
2009	898.5	38.8	87.0	227.8	186.5
2010	580.0	40.1	102.2	261.2	205.9
2011	663.4	38.0	83.0	243.6	184.8
2012	666.2	54.8	117.0	252.8	187.9
2013	812.4	55.6	122.7	252.1	166.6
2014	812.1	56.5	135.0	217.3	106.5
2015	805.4	71.3	122.0	222.3	119.2
2016 ^P	826.8	69.2	108.9	238.2	143.9

Note: P= Preliminary data.

Source: Canadian Port Authorities (CPA) web sites data

Table M15: Canada's Marine Domestic and International Traffic Handled by Canada Port Authorities (CPAs) and Other Ports, 2014 and 2015

Port	Total Tonnes Handled (millions)		Annual Growth (per cent)	Port's Share (per cent)	
	2014 ^R	2015 ^E		2014 ^R	2015 ^E
Vancouver ¹	123.1	121.9	(1.0)	25.9	25.8
Saint John	23.9	26.4	10.4	5.0	5.6
Montreal/Contrecoeur	30.4	32.0	5.2	6.4	6.8
Sept-Iles/Pointe-Noire	23.9	22.7	(5.1)	5.0	4.8
Quebec City/Lévis	24.3	21.4	(12.0)	5.1	4.5
Prince Rupert	20.7	19.7	(4.8)	4.3	4.2
Hamilton	10.5	9.2	(12.3)	2.2	2.0
Halifax	7.8	7.6	(3.4)	1.6	1.6
Thunder Bay	9.3	8.9	(4.6)	2.0	1.9
Windsor (Ontario)	5.4	5.6	3.8	1.1	1.2
Trois-Rivières	3.8	3.1	(18.6)	0.8	0.6
Belledune	1.7	1.8	7.2	0.3	0.4
Toronto	1.9	1.5	(18.7)	0.4	0.3
St. John's	1.7	1.7	(0.4)	0.4	0.4
Nanaimo	4.1	4.4	5.3	0.9	0.9
Port Alberni	1.7	1.6	(5.6)	0.3	0.3
Saguenay	0.3	0.3	21.7	0.1	0.1
Oshawa	0.4	0.4	5.8	0.1	0.1
Total CPA Ports	295.0	290.2	(1.6)	62.0	61.4
Other Ports	181.2	182.8	0.9	38.0	38.6
Total Handled All Ports	476.2	473.0	(0.7)	100.0	100.0

Notes: R= Revised data. E= Estimated data.

Totals may not add up due to rounding.

1 Adjustment for Port of Vancouver due to double counting of Fraser River and North Fraser River ports traffic, as observed in the historical Statistics Canada data up to the year 2011.

Sources: Statistics Canada, *Shipping in Canada, Cat. 54-205*; Canada Port Authorities (CPA) websites; Transport Canada

Table M16: Share of Tonnage Carried by Foreign-Flag Ships in the Canadian Coasting Trade (Domestic), 2006–2015

Year	(Millions of tonnes)			Share (per cent)	
	Canadian	Foreign	Total	Canadian	Foreign
2006	65.4	2.8	68.2	95.9	4.1
2007	60.1	7.5	67.7	88.9	11.1
2008	63.9	5.1	69.1	92.6	7.4
2009	52.8	1.3	54.1	97.6	2.4
2010	57.2	1.1	58.3	98.1	1.9
2011	61.1	1.1	62.2	98.2	1.8
2012 ^E	61.8	1.2	63.0	98.1	1.9
2013 ^E	62.3	1.2	63.5	98.1	1.9
2014 ^E	61.9	1.2	63.1	98.1	1.9
2015 ^E	61.3	1.2	62.5	98.1	1.9

Note: E= Estimated data.

Sources: Statistics Canada, *Cat. 54-205*; Transport Canada

Table M17: Canada's International Marine Traffic, by Foreign Regions, 2006–2015

<i>Foreign Regions</i>	2006	2007	2008	2009	2010	2011	2012 ^E	2013 ^E	2014 ^E	2015 ^E	<i>CAGR (%) 2006-15</i>
United States											
Loaded	84.6	80.8	74.1	67.6	68.6	63.6	64.9	65.7	65.2	64.6	(2.9)
Unloaded	42.3	42.5	44.5	31.3	34.4	33.0	33.7	34.0	33.7	33.4	(2.6)
Total¹	126.9	123.3	118.6	98.9	103.0	96.6	98.5	99.7	98.9	98.0	(2.8)
Other International											
Loaded	121.7	133.4	129.4	129.7	151.4	163.7	167.5	169.0	167.8	167.1	3.6
Unloaded	81.7	77.3	78.0	73.1	79.8	81.3	83.1	84.0	83.3	82.9	0.2
Total¹	203.4	210.7	207.4	202.8	231.2	245.0	250.7	253.0	251.1	250.0	2.3
Total International											
Loaded	206.3	214.2	203.5	197.3	220.0	227.3	232.4	234.7	232.9	231.7	1.3
Unloaded	124.0	119.7	122.5	104.4	114.2	114.3	116.8	118.0	117.0	116.3	(0.7)
Total¹	330.3	333.9	326.0	301.7	334.2	341.5	349.2	352.7	350.0	348.0	0.6
Share of Total (%)											
United States	38.4	36.9	36.4	32.8	30.8	28.3	28.2	28.3	28.3	28.2	
Other International	61.6	63.1	63.6	67.2	69.2	71.7	71.8	71.7	71.7	71.8	

Notes: E= Estimated data. CAGR= Compound Annual Growth Rate.

1 Loadings and unloadings at Canadian ports.

Sources: Statistics Canada, *Shipping in Canada, Cat. 54-205*; Canadian Port Authorities (CPA) web sites data; Transport Canada

Table M18: Canada's International Marine Traffic, by Canadian Region and Containerization Rate, 2002–2011

	(Millions of Tonnes)										CAGR (%) 2002-11
<i>Canadian Regions</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Atlantic Region Ports											
Loaded	48.6	54.6	55.5	56.1	54.9	56.5	50.5	45.9	48.8	46.7	(0.4)
Unloaded	32.3	38.2	40.0	43.7	37.4	34.2	35.1	37.4	38.7	37.4	1.7
Total	80.9	92.8	95.5	99.9	92.3	90.7	85.7	83.3	87.4	84.2	0.4
<i>Containerization Rate</i>											
Loaded (%)	5.1	4.7	4.9	4.9	5.0	4.7	4.1	4.3	4.9	4.8	
Unloaded (%)	5.9	5.5	4.8	4.7	5.3	4.7	3.5	2.5	3.0	3.1	
St. Lawrence Region Ports											
Loaded	39.4	45.5	40.6	44.0	49.0	52.5	52.0	53.2	56.4	57.9	4.3
Unloaded	32.9	34.2	36.4	39.8	38.9	40.1	39.0	32.8	36.5	40.9	2.4
Total	72.3	79.7	77.0	83.8	87.9	92.6	91.0	86.0	93.0	98.7	3.5
<i>Containerization Rate</i>											
Loaded (%)	10.3	9.5	11.8	11.3	10.5	12.4	14.2	11.9	11.3	11.3	
Unloaded (%)	15.3	14.7	15.7	14.3	14.8	13.9	14.3	14.0	14.8	13.9	
Great Lakes Region Ports											
Loaded	15.9	16.4	17.8	16.3	16.3	15.1	14.6	13.3	12.3	13.6	(1.7)
Unloaded	32.3	31.2	29.5	31.7	31.8	28.7	29.6	18.2	21.4	17.7	(6.5)
Total	48.2	47.6	47.2	48.0	48.1	43.7	44.2	31.4	33.7	31.3	(4.7)
<i>Containerization Rate</i>											
Loaded (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Unloaded (%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
Pacific Region Ports											
Loaded	70.4	74.9	82.2	85.3	86.1	90.2	86.3	84.9	102.5	109.1	5.0
Unloaded	10.9	11.6	13.1	13.9	15.9	16.8	18.7	16.0	17.6	18.3	5.9
Total	81.3	86.5	95.3	99.2	102.0	107.0	105.0	101.0	120.1	127.4	5.1
<i>Containerization Rate</i>											
Loaded (%)	10.9	11.7	12.2	11.5	11.8	13.4	13.9	14.9	12.7	13.1	
Unloaded (%)	47.3	52.1	51.8	53.1	51.1	52.3	50.8	51.3	58.3	58.8	
Total Canada Ports											
Loaded	174.3	191.4	196.0	201.8	206.3	214.2	203.5	197.3	220.0	227.3	3.0
Unloaded	108.5	115.3	119.0	129.2	124.0	119.7	122.5	104.4	114.2	114.3	0.6
Total	282.7	306.7	315.1	330.9	330.3	333.9	326.0	301.7	334.2	341.5	2.1
<i>Regional shares (%)</i>											
Atlantic	28.6	30.3	30.3	30.2	27.9	27.2	26.3	27.6	26.2	24.6	
St. Lawrence	25.6	26.0	24.4	25.3	26.6	27.7	27.9	28.5	27.8	28.9	
Great Lakes	17.0	15.5	15.0	14.5	14.6	13.1	13.6	10.4	10.1	9.2	
Pacific	28.8	28.2	30.3	30.0	30.9	32.0	32.2	33.5	35.9	37.3	
Containerized Tonnes (millions)											
Loaded	14.2	15.7	17.5	17.5	18.0	21.2	21.5	21.0	21.8	23.0	5.5
Unloaded	12.1	13.2	14.5	15.1	15.9	15.9	16.3	13.8	16.9	17.6	4.2
Total	26.3	28.9	32.0	32.7	33.9	37.1	37.8	34.8	38.7	40.6	4.9
<i>Containerization Rate</i>											
Loaded (%)	8.1	8.2	8.9	8.7	8.7	9.9	10.5	10.7	9.9	10.1	
Unloaded (%)	11.2	11.5	12.1	11.7	12.8	13.3	13.3	13.2	14.8	15.4	
Total (%)	9.3	9.4	10.2	9.9	10.3	11.1	11.6	11.5	11.6	11.9	

Note: CAGR= Compound Annual Growth Rate.

Sources: Statistics Canada, Shipping in Canada, Cat. 54-205; Transport Canada

Table M19: Canada's Leading Ports Handling International Containerized Freight, 2006–2015

	(Thousands of TEUs)										CAGR (%)
Leading ports	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2006-15
Vancouver¹											
Loaded	1,125	1,192	1,198	1,030	1,218	1,188	1,262	1,317	1,356	1,474	3.0
Unloaded	1,173	1,278	1,294	1,124	1,297	1,321	1,451	1,508	1,557	1,581	3.4
Total	2,298	2,471	2,492	2,154	2,515	2,508	2,713	2,825	2,913	3,054	3.2
(Empy containers in %)	14.6	11.4	13.6	10.2	13.5	10.9	11.6	10.0	12.6	14.6	
Montreal											
Loaded	574	658	728	587	625	613	695	697	706	718	2.5
Unloaded	569	597	652	555	587	607	681	649	697	728	2.8
Total	1,143	1,255	1,380	1,142	1,212	1,220	1,375	1,346	1,402	1,446	2.6
(Empy containers in %)	4.1	4.4	7.4	7.5	7.9	4.4	9.0	11.4	11.9	12.3	
Halifax											
Loaded	254	230	179	173	209	200	217	226	198	208	(2.2)
Unloaded	242	217	165	142	184	169	200	216	202	210	(1.6)
Total	496	447	344	315	392	369	417	442	400	418	(1.9)
(Empy containers in %)	12.9	13.7	13.3	13.9	17.3	14.9	15.5	15.5	15.5	15.5	
Prince Rupert											
Loaded	0	2	77	109	148	174	246	233	258	340	
Unloaded	0	10	102	155	194	231	318	304	360	436	
Total	0	12	179	264	342	406	564	536	618	776	
(Empy containers in %)	0.0	0.0	31.1	26.2	25.3	18.3	21.6	15.5	16.5	24.1	
Other Ports											
Loaded	26	25	28	25	29	25	32	48	56	60	9.7
Unloaded	27	25	25	24	28	28	31	46	54	58	8.9
Total	53	50	53	49	58	53	63	94	110	118	9.3
(Empy containers in %)	40.1	46.2	44.0	45.8	44.5	43.2	43.9	43.9	43.9	44.0	
Total Canada											
Loaded	1,980	2,108	2,210	1,924	2,230	2,200	2,452	2,521	2,574	2,800	3.9
Unloaded	2,011	2,128	2,239	2,001	2,290	2,356	2,681	2,723	2,869	3,012	4.6
Total	3,990	4,236	4,448	3,924	4,520	4,557	5,132	5,244	5,444	5,813	4.3
(Empy containers in %)	11.7	9.9	12.7	11.2	13.6	10.5	12.7	12.0	13.7	16.0	
Shares of Total Canada (%)											
Vancouver	57.6	58.3	56.0	54.9	55.6	55.0	52.9	53.9	53.5	52.5	
Montreal	28.6	29.6	31.0	29.1	26.8	26.8	26.8	25.7	25.8	24.9	
Halifax	12.4	10.6	7.7	8.0	8.7	8.1	8.1	8.4	7.3	7.2	
Prince Rupert	0.0	0.3	4.0	6.7	7.6	8.9	11.0	10.2	11.4	13.4	
Other Ports	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.8	2.0	2.0	

Notes: E= Estimated data. TEUs= Twenty-foot Equivalent Units. CAGR= Compound Annual Growth Rate.

2012 to 2015 data from websites of the Port of Vancouver, Montreal, Halifax, Prince Rupert and Saint John; 2004 to 2011 data is from Statistics Canada.

1 On January 1, 2008, the three lower Mainland port authorities (Fraser River, North Fraser and Vancouver) amalgamated to continue as Port of Vancouver.

Sources: Statistics Canada, *Shipping in Canada, Cat. 54-205*; *Canadian Port Authorities (CPA) web sites data*; *Transport Canada*

Table M20: Main Commodities Shipped in Canada's International Marine Trade, by Market, 2016

	(Millions of dollars)			Percentage Share in Per Cent		
	Marine Exports ¹	Marine Imports	Marine Total	Marine Exports	Marine Imports	Marine Total
<i>Canada/U.S.</i>						
Petroleum products, LNG and other fuels	11,651	6,000	17,651	76.6	69.4	74.0
Base metals and articles thereof	1,541	43	1,583	10.1	0.5	6.6
Non-metallic minerals, coal and stone products	491	520	1,010	3.2	6.0	4.2
Metallic ores	81	905	987	0.5	10.5	4.1
Chemical products, plastics and rubber	279	615	894	1.8	7.1	3.8
Agricultural and food products	552	244	795	3.6	2.8	3.3
Machinery and electrical equipment	57	225	283	0.4	2.6	1.2
Wood and paper products	204	6	210	1.3	0.1	0.9
Waste and scrap material	192	11	203	1.3	0.1	0.9
Other manufactured and miscellaneous goods	91	25	116	0.6	0.3	0.5
Automobiles, parts and other transportation equipment	62	46	108	0.4	0.5	0.5
Total Canada/U.S. Marine Trade	15,201	8,640	23,841	100.0	100.0	100.0
				Percentage Share in Per Cent		
	Marine Exports ¹	Marine Imports ²	Marine Total	Marine Exports	Marine Imports	Marine Total
<i>Canada/Other Countries</i>						
Agricultural and food products	26,194	11,877	38,071	35.4	11.7	21.7
Machinery and electrical equipment	3,776	20,145	23,921	5.1	19.9	13.6
Other manufactured and miscellaneous goods	1,799	18,171	19,970	2.4	17.9	11.4
Chemical products, plastics and rubber	6,394	11,864	18,258	8.6	11.7	10.4
Automobiles, parts and other transportation equipment	4,401	13,639	18,040	5.9	13.5	10.3
Base metals and articles thereof	5,519	8,045	13,564	7.5	7.9	7.7
Petroleum products, LNG and other fuels	1,847	10,941	12,789	2.5	10.8	7.3
Wood and paper products	10,183	2,025	12,208	13.8	2.0	7.0
Metallic ores	7,255	1,681	8,936	9.8	1.7	5.1
Non-metallic minerals, coal and stone products	4,875	2,456	7,331	6.6	2.4	4.2
Waste and scrap material	1,757	419	2,176	2.4	0.4	1.2
Total Canada/Other Countries Marine Trade	74,000	101,263	175,263	100.0	100.0	100.0

Notes: Preliminary data for 2016. LNG- Liquefied natural gas.

1 Including domestic exports and re-exports.

2 Marine imports from countries other than the US might be underestimated. In the case of imports, the mode of transport represents the last mode (often truck) by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table M21: End-to-End Transit Times from Shanghai to Toronto via British Columbia Ports using a Direct Rail Model, 2010–2016

Month	(Number of days)							Change 2016/2015 (Per cent)
	2010	2011	2012	2013	2014	2015	2016	
January	23.0	22.8	24.5	23.4	26.1	26.9	26.1	(2.9)
February	21.2	23.4	23.9	25.5	28.0	29.8	24.9	(16.3)
March	21.0	22.7	22.3	25.3	27.5	30.1	24.2	(19.6)
April	21.6	22.6	23.5	24.3	27.4	25.5	23.2	(8.9)
May	22.1	21.7	23.1	23.6	24.3	25.1	23.2	(7.6)
June	22.1	21.1	25.0	23.4	23.8	24.8	24.1	(2.7)
July	22.4	20.6	23.8	23.4	25.7	23.2	24.6	6.1
August	21.3	21.3	23.2	24.3	28.0	23.3	24.2	4.0
September	21.4	22.9	22.8	24.5	27.1	24.1	22.0	(8.8)
October	22.8	22.2	23.5	24.6	25.1	24.6	23.0	(6.5)
November	22.2	22.5	23.7	23.9	24.6	23.6	24.0	1.8
December	22.8	23.4	23.8	25.1	27.5	24.5	26.5	8.2
Annual Average	22.0	22.3	23.6	24.3	26.2	25.4	24.2	(4.9)

Source: Transport Canada, Policy Group

Table M22: Key Performance Indicators for Selected Intermodal Container Ports, 2016**British Columbia Ports¹**

<i>Indicators</i>	<i>2016</i>	<i>2013-15 Average</i>
Container volumes - TEUs	3,666,041	3,829,530 ^a
Import Share - %	53	52
Import rail container dwell time - days	3.1	3.5
Vessel on-time performance - %	63.0	54.0
End-to-end transit time – Shanghai to Chicago - days	23.6	25.1
U.S. comparison – Shanghai to Chicago via Seattle/Tacoma - days	23.6	25.9
U.S. comparison – Shanghai to Chicago via LA/Long Beach - days	23.2	24.7

Port of Montreal

<i>Indicators</i>	<i>2016</i>	<i>2013-15 Average</i>
Container volumes - TEUs	1,438,012	1,446,071 ^a
Import Share - %	45	43
Import rail container dwell time - days	2.7	2.5
End-to-end transit time – Antwerp to Chicago - days	17.1	17.3

Notes: TEUs= Twenty-foot Equivalent Units. LA - Los Angeles

¹ Port of Vancouver and Prince Rupert.

^a 2015 container volumes.

Sources: Transport Canada; Canada Port Authorities; Class I Railways

Rail Transportation

Table RA1: Railways in Canada, 2016

	2016 Owned/Leased Route Kilometres	2015 ^R Owned/Leased Route Kilometres	Percent of 2016 Total	Percentage Change Over Previous Year
CN	22,186	22,205	49.1	(0.1)
CPR	11,574	11,698	25.6	(1.1)
Regional and Shortline Railways	10,077	10,077	22.3	0.0
All Others ¹	1,363	1,274	3.0	6.9
Total	45,199	45,254	100.0	(0.1)

Notes: R= Revised data. CN= Canadian National. CPR= Canadian Pacific Railway.

By definition, route kilometres do not include parallel trackage, spurs, sidings and yard trackage.

¹ Terminal and switching railways, Canadian subsidiaries of U.S. railroads and passenger railways. Also includes a co-owned CN-CPR line discontinuance adjustment.

Source: Transport Canada

Table RA2: Railway Revenues, 2006–2015

	(Millions of dollars)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015
CN	5,398	5,371	5,720	5,029	5,611	6,202	6,821	7,179	8,135	8,292
CPR	3,908	4,035	4,164	3,349	3,796	3,930	4,279	4,525	4,809	4,798
VIA	440	475	503	482	525	532	545	568	585	568
Subtotal - Class I	9,746	9,881	10,387	8,860	9,931	10,664	11,645	12,271	13,530	13,658
Regional	231	230	239	228	288	354	355	385	379	304
Shortlines	411	413	367	328	368	362	348	373	449	396
Total	10,389	10,523	10,992	9,417	10,587	11,380	12,348	13,029	14,357	14,358

Notes: R= Revised data. CN= Canadian National. CPR= Canadian Pacific Railway. VIA= VIA Rail Canada.

Revenues are tabulated as per Uniform Classification of Accounts requirements.

Sources: Transport Canada, Statistics Canada

Table RA3: Railway Fleet, 2006–2015

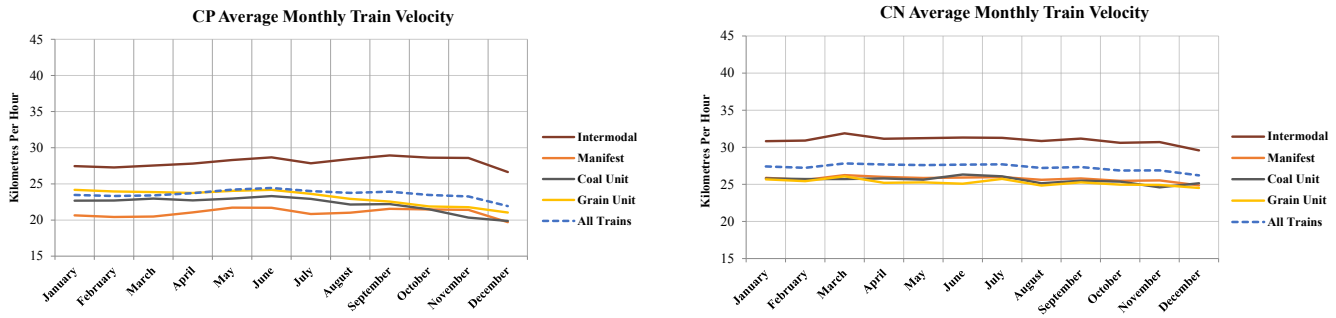
	2006	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015
Locomotives										
<i>Freight or Passenger</i>										
Class I	2,167	2,166	2,113	2,109	1,910	1,951	2,361	2,428	2,415	2,388
Class II	290	321	305	278	284	273	294	330	355	343
Total	2,457	2,487	2,418	2,387	2,194	2,224	2,655	2,758	2,770	2,731
<i>Switching and other uses</i>										
Class I	576	525	502	477	863	821	468	396	370	365
Class II	166	126	114	99	93	83	70	76	73	49
Total	742	651	616	576	956	904	538	472	443	414
<i>Total Locomotives</i>										
Class I	2,743	2,691	2,615	2,586	2,773	2,772	2,829	2,824	2,785	2,753
Class II	456	447	419	377	377	356	364	406	428	392
Total	3,199	3,138	3,034	2,963	3,150	3,128	3,193	3,230	3,213	3,145
Passenger Cars										
Class I	520	528	527	544	505	506	507	519	519	519
Class II	82	86	66	58	59	57	57	52	68	71
Total	602	614	593	602	564	563	564	571	587	590
Freight Cars										
<i>Boxcars</i>										
Class I	20,072	16,460	13,448	12,687	13,443	13,177	12,861	10,947	10,641	9,822
Class II	2,007	2,982	2,368	2,564	1,379	1,275	1,289	1,311	2,052	2,955
Total	22,079	19,442	15,816	15,251	14,822	14,452	14,150	12,258	12,693	12,777
<i>Flatcars</i>										
Class I	20,915	17,300	15,301	13,578	12,682	13,142	12,770	12,143	12,091	12,191
Class II	2,004	1,811	1,679	1,451	1,117	702	710	609	804	965
Total	22,919	19,111	16,980	15,029	13,799	13,844	13,480	12,752	12,895	13,139
<i>Gondolas</i>										
Class I	10,076	11,002	12,953	12,180	11,218	10,934	10,378	8,687	8,584	7,796
Class II	1,233	1,239	1,240	231	320	273	272	270	293	498
Total	11,309	12,241	14,193	12,411	11,538	11,207	10,650	8,957	8,877	8,199
<i>Hopper Cars</i>										
Class I	37,207	35,339	33,825	29,178	27,185	27,781	25,002	21,447	20,204	19,155
Class II	924	953	934	927	924	837	837	838	1,002	1,150
Total	38,131	36,292	34,759	30,105	28,109	28,618	25,839	22,285	21,206	19,987
<i>Other Freight Cars</i>										
Class I	3,158	3,074	140	127	105	99	93	78	73	113
Class II	404	438	508	107	102	85	96	104	98	97
Total	3,562	3,512	648	234	207	184	189	182	171	208
<i>Total Freight Cars</i>										
Class I	91,428	83,175	75,667	67,750	64,633	65,133	61,104	53,302	51,593	49,077
Class II	6,572	7,423	6,729	5,280	3,842	3,172	3,204	3,132	4,249	5,665
Total	98,000	90,598	82,396	73,030	68,475	68,305	64,308	56,434	55,842	54,742

Notes: R= Revised data.

Freight railcars belonging to shippers, including tanker cars, are not included in the table above

Source: Transport Canada and Statistics Canada, Rail Carrier annual reports

Table RA4: Average Monthly Train Velocity, by Rail Carrier, 2016



Notes: CP= Canadian Pacific Railway. CN= Canadian National.

Train velocity measures the line-haul movement from origin to destination. The average velocity is calculated by dividing train-miles by total hours operated, excluding yard and local trains, passenger trains, maintenance of way trains. Weekly miles per hour are averaged to produce a monthly estimate and are then converted to kilometres per hour. Estimates are for each carriers' North American rail network.

Sources: Class I rail carriers, adapted by Transport Canada
<http://investor.cpr.ca/key-metrics/default.aspx>
<https://www.cn.ca/en/investors/key-weekly-metrics>

Table RA5: Revenue Tonne-Kilometres, by Railway Sector, 2006–2015

	(Millions)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015
Class I	330,988.7	338,344.4	325,019.6	288,842.5	327,831.6	337,929.5	356,943.0	371,799.0	402,612.9	399,353.2
Regional	14,818.9	13,701.2	14,336.7	7,711.3	9,802.8	10,392.4	10,617.4	11,192.4	9,552.9	8,964.5
Short Line	6,681.2	5,197.6	5,462.5	3,227.7	3,689.9	3,668.1	3,349.8	3,459.7	3,536.0	3,306.5
Total	352,488.8	357,243.2	344,818.7	299,781.4	341,324.3	351,989.9	370,910.2	386,451.1	415,701.8	411,624.2
	(Percentage of total)									
Class I	93.9	94.7	94.3	96.4	96.0	96.0	96.2	96.2	96.9	97.0
Regional	4.2	3.8	4.2	2.6	2.9	3.0	2.9	2.9	2.3	2.2
Short Line	1.9	1.5	1.6	1.1	1.1	1.0	0.9	0.9	0.9	0.8

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

Table RA6: Overall Rail Traffic Characteristics, 2007–2016

	(Thousands of tonnes)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Intraprovincial	51,006	49,697	40,813	49,456	52,577	56,322	56,587	53,511	52,972	52,063
Interprovincial	122,604	117,951	115,532	121,480	125,017	126,078	120,363	128,376	132,397	129,981
Total Domestic	173,610	167,649	156,345	170,936	177,595	182,400	176,950	181,887	185,368	182,044
Imports	25,197	27,292	22,934	30,319	34,204	37,959	40,464	40,902	35,781	34,493
Exports	74,969	68,557	49,331	60,086	62,878	65,258	73,588	75,741	74,903	72,557
Transshipments	7,466	6,990	6,185	6,494	7,070	8,178	9,389	10,624	8,856	8,341
Canada-U.S.	73,546	66,879	48,097	58,712	61,575	63,940	72,387	74,597	73,558	70,949
Canada-Mexico	1,424	1,678	1,234	1,374	1,304	1,318	1,201	1,144	1,345	1,609
Mexico-Canada	139	124	156	280	329	403	407	507	442	472
Mexico-U.S.	0	0	2	0	4	8	8	6	0	0
U.S.-Canada	25,059	27,168	22,779	30,039	33,875	37,556	40,057	40,396	35,339	34,021
U.S.-Mexico	3	5	4	7	5	10	11	13	11	5
U.S.-U.S.	7,463	6,985	6,179	6,487	7,061	8,160	9,369	10,604	8,845	8,336
Total International	107,633	102,839	78,450	96,899	104,153	111,395	123,440	127,266	119,540	115,391
	(Millions of tonnes-km)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Intraprovincial	38,497	37,884	31,174	36,848	42,368	47,191	48,403	44,694	43,365	43,783
Interprovincial	207,037	198,958	185,113	203,444	206,100	209,431	210,214	232,708	239,415	233,189
Total Domestic	245,534	236,842	216,287	240,292	248,468	256,622	258,617	277,402	282,780	276,972
Imports	21,054	22,403	19,963	23,585	25,534	30,704	33,683	34,683	29,259	27,304
Exports	74,031	68,552	52,300	62,232	67,453	72,158	82,923	87,694	88,523	83,357
Transshipments	7,303	7,026	6,236	6,527	6,368	8,812	11,042	14,290	12,424	10,155
Canada-U.S.	72,978	67,409	51,299	61,193	66,362	71,120	81,949	86,739	87,401	81,936
Canada-Mexico	1,052	1,143	1,001	1,039	1,091	1,038	973	955	1,122	1,421
Mexico-Canada	103	93	113	236	289	398	395	528	407	446
Mexico-U.S.	0	0	1	0	2	11	11	3	0	0
U.S.-Canada	20,951	22,310	19,850	23,348	25,246	30,307	33,288	34,154	28,852	26,858
U.S.-Mexico	3	4	3	6	4	9	10	12	11	4
U.S.-U.S.	7,300	7,022	6,233	6,521	6,362	8,793	11,022	14,276	12,413	10,150
Total International	102,388	97,982	78,499	92,343	99,356	111,674	127,649	136,667	130,205	120,815

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada; Rail Traffic Database

Table RA7: Traffic Received and Forwarded by Canadian-Based Class II Carriers¹, 2007–2016

	(Millions of tonnes)		
Year	Received Only	Forwarded Only	Received and Forwarded
2007	8.80	14.08	0.34
2008	8.58	12.96	0.35
2009	7.08	10.58	0.75
2010	7.45	11.20	0.71
2011	7.77	11.79	0.75
2012	6.27	10.85	0.68
2013	7.12	9.91	0.30
2014	7.11	11.19	0.15
2015	6.00	10.89	0.15
2016 ^P	5.60	10.08	0.14

Notes: P= Preliminary data.

“Received only” applies to movements in which a Class II carrier was involved by only receiving from Canadian National (CN) or Canadian Pacific Railway (CPR).

“Forwarded only” applies to movements in which a Class II carrier was involved by only forwarding to CN or CPR.

“Received and Forwarded” applies to movements in which one or more Class II carriers received from and forwarded to CN and CPR.

1 Does not include US-based carriers operating in Canada.

Sources: Transport Canada, Statistics Canada

Table RA8: Volume of Rail Exports and Imports, by Commodity, 2007–2016

(Thousands of tonnes)

	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Exports										
Agriculture and Food	3,592	3,987	3,427	3,720	5,094	5,376	5,634	6,051	6,154	6,033
Automotive	2,881	2,056	1,374	2,022	2,155	2,499	2,294	2,232	2,487	2,427
Chemicals	11,217	10,318	8,642	10,003	10,515	10,467	11,876	12,154	11,489	11,686
Coal	955	1,028	627	888	987	657	600	477	527	520
Fertilizer Materials	11,501	10,869	5,377	10,816	11,164	9,682	10,673	10,485	10,091	9,334
Forest	23,398	18,269	12,972	13,508	13,602	13,524	14,771	15,376	15,714	16,423
Grains	4,569	5,165	3,518	3,315	2,993	3,557	4,384	3,606	2,526	1,960
Iron Ore	5	0	0	0	0	14	80	79	1	0
Metals	4,796	4,880	3,476	4,335	3,948	3,495	3,537	3,482	3,973	3,664
Miscellaneous	4,580	4,808	3,711	4,913	5,482	6,418	6,892	7,179	7,600	7,355
Other Mine Products	2,509	2,409	1,724	1,680	1,972	1,910	1,985	2,112	2,241	2,520
Petroleum	4,966	4,769	4,482	4,887	4,964	7,659	10,863	12,509	12,100	10,635
Total	74,969	68,557	49,331	60,086	62,878	65,258	73,588	75,741	74,903	72,557
Imports										
Agriculture and Food	3,307	3,400	2,959	3,210	2,769	3,028	2,612	2,690	2,607	2,657
Automotive	1,905	1,551	1,168	1,526	1,624	1,536	1,683	1,945	2,025	2,059
Chemicals	5,785	5,405	4,612	5,287	5,701	5,989	6,220	6,228	5,977	5,620
Coal	419	1,714	1,956	5,822	9,576	11,174	11,651	10,229	8,571	8,530
Fertilizer Materials	3	7	27	26	41	49	14	11	4	5
Forest	1,033	1,234	1,008	1,098	1,325	1,366	1,284	1,214	1,147	1,024
Grains	1,448	1,341	791	727	392	207	165	370	338	238
Iron Ore	43	45	22	27	107	107	28	10	647	1,356
Metals	2,150	2,168	1,051	2,021	2,171	2,424	2,514	2,322	1,363	1,121
Miscellaneous	4,079	4,320	3,576	3,772	3,716	3,777	4,428	3,943	3,463	3,328
Other Mine Products	2,774	2,817	2,452	3,416	3,450	4,087	5,020	5,963	5,605	4,790
Petroleum	2,250	3,290	3,313	3,386	3,331	4,216	4,846	5,978	4,035	3,765
Total	25,197	27,292	22,934	30,319	34,204	37,959	40,464	40,902	35,781	34,493

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, Rail Traffic Database

Table RA9: Value of Rail Exports and Imports by Commodity, 2007–2016

(Millions of dollars)

	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P
Exports										
Agriculture and food	1,627.1	2,480.0	2,004.9	2,025.4	3,193.0	3,435.1	3,474.0	3,724.1	3,809.9	4,037.2
Automotive products	30,873.3	23,152.0	17,156.8	24,874.4	26,502.9	32,152.5	30,144.3	29,799.9	35,948.1	38,125.1
Chemicals products	9,418.1	10,581.6	7,078.9	8,275.9	9,987.6	9,531.3	10,656.4	11,433.4	11,085.7	10,216.2
Coal	145.2	146.7	90.4	174.2	282.7	144.5	101.7	80.8	88.5	61.5
Fertilizer materials	1,655.2	3,535.0	2,208.4	3,033.9	3,585.3	3,258.8	3,184.9	2,709.1	3,489.1	2,380.4
Forest products	12,558.2	10,789.7	7,543.7	7,987.8	7,825.6	7,993.7	9,519.4	10,374.7	10,711.9	11,149.6
Grains	1,559.0	2,954.5	1,696.1	1,398.6	1,597.4	1,779.6	2,061.7	1,904.1	1,655.1	1,340.4
Iron ore	0.0			0.0	0.2		0.1		0.5	
Metals	11,473.0	12,027.9	7,047.7	8,880.7	8,929.4	7,792.9	8,242.2	9,070.1	9,105.7	8,002.5
Miscellaneous	1,983.0	1,691.5	1,624.4	1,767.8	1,768.6	1,996.8	2,239.0	1,987.3	1,984.9	2,200.3
Other mine products	163.7	183.1	122.7	103.6	202.1	110.5	119.9	143.4	185.5	210.4
Petroleum products	2,883.9	3,524.8	2,455.6	3,141.9	3,608.1	4,919.3	7,398.0	9,148.9	5,574.4	4,135.6
Totals	74,339.6	71,066.9	49,029.5	61,664.3	67,482.9	73,115.0	77,141.6	80,375.7	83,639.4	81,859.2
Imports										
Agriculture and food	2,050.8	2,367.8	2,075.3	2,028.8	2,498.1	2,972.2	2,752.2	3,015.4	2,916.9	2,732.0
Automotive products	13,662.6	12,906.6	10,455.5	13,563.0	12,919.5	14,889.9	15,118.2	18,160.3	20,683.6	26,853.2
Chemicals products	6,415.6	7,213.5	5,477.5	6,362.3	7,447.3	7,897.6	8,296.2	8,828.6	8,129.6	7,507.1
Coal	9.1	12.0	6.8	5.8	16.2	33.9	20.5	36.3	25.7	35.5
Fertilizer materials	20.3	8.8	14.4	31.8	16.7	41.3	86.4	25.0	45.0	36.4
Forest products	994.0	1,112.5	1,068.2	1,104.8	1,252.6	1,268.7	1,321.4	1,309.6	1,439.6	1,316.5
Grains	421.4	564.5	394.0	302.6	320.4	293.5	250.5	289.9	274.3	243.9
Iron ore	104.4	128.8	107.5	142.4	171.5	223.6	229.6	209.7	154.0	137.2
Metals	2,555.8	3,564.8	1,599.2	2,576.1	3,171.6	3,423.2	3,406.1	3,456.7	2,418.9	1,728.4
Miscellaneous	3,517.2	3,643.3	2,661.7	2,707.1	3,267.3	4,422.2	4,904.6	5,471.1	5,004.8	3,994.3
Other mine products	437.4	545.9	405.4	442.4	649.1	694.0	477.9	637.3	798.7	660.4
Petroleum products	1,089.9	2,386.3	1,655.7	2,049.5	2,462.1	3,275.9	3,630.9	4,380.6	1,937.4	1,193.9
Totals	31,278.6	34,454.9	25,921.3	31,316.6	34,192.4	39,436.0	40,494.4	45,820.7	43,828.5	46,438.7

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from Statistics Canada, International Trade Division

Table RA10: Dangerous Goods Shipments on Rail, 2007–2016

(Thousands of tonnes)

	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Petroleum Products										
Crude Oil ¹	1	0	8	24	375	4,344	10,620	16,517	12,554	6,087
Ethanol or Ethanol Mix ²	3,492	3,356	3,359	3,500	5,055	6,170	6,781	6,704	5,781	5,810
All Other Petroleum Products ^{3,4}	15,970	16,538	16,240	17,862	17,119	18,466	17,281	17,296	17,754	19,456
Dangerous Goods										
Minerals, Ores & Concentrates Other Manufactured & Miscellaneous Goods	2,271	2,349	1,623	2,459	2,770	2,486	2,478	2,013	2,226	1,845
Petroleum Products ⁵	774	785	733	724	816	861	960	876	775	707
Plastic & Chemical Products ⁵	13,532	13,705	13,749	14,212	14,700	20,360	25,096	30,372	26,965	22,036
Waste & Scrap	11,648	11,330	9,554	10,901	11,448	11,638	12,927	13,230	12,261	11,786
Other Commodities ⁵	122	187	197	195	216	241	260	249	209	216
Total	29,047	29,103	26,449	29,606	31,837	37,401	43,506	48,378	44,105	38,452
All Goods										
All Dangerous Goods	29,047	29,103	26,449	29,606	31,837	37,401	43,506	48,378	44,105	38,452
Non-Dangerous Goods	250,739	240,386	207,896	237,726	249,812	256,394	256,884	260,775	260,803	258,983
Grand Total	279,785	269,489	234,345	267,332	281,648	293,795	300,390	309,153	304,908	297,435
Dangerous Goods Share of Grand Total (%)	10.4	10.8	11.3	11.1	11.3	12.7	14.5	15.6	14.5	12.9

(Number of Carloads)

	2007 ^R	2008 ^R	2009 ^R	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^P
Petroleum Products										
Crude Oil ¹	35	15	144	349	4,773	53,491	127,746	193,386	146,643	72,103
Ethanol or Ethanol Mix ²	45,758	44,110	44,868	45,616	64,182	77,819	84,184	83,083	72,173	72,211
All Other Petroleum Products ^{3,4}	218,184	226,605	220,325	238,690	229,405	248,133	236,059	237,831	246,762	272,131
Dangerous Goods										
Minerals, Ores & Concentrates Other Manufactured & Miscellaneous Goods	25,589	26,344	18,268	27,396	30,920	27,955	27,829	22,386	24,914	20,806
Petroleum Products ⁵	24,137	24,040	22,694	21,835	24,308	26,379	29,105	27,546	24,565	22,974
Plastic & Chemical Products ⁵	186,061	189,352	188,749	193,782	198,405	270,673	326,528	386,408	349,193	297,632
Waste & Scrap	143,653	140,640	119,452	135,674	143,249	144,951	159,767	162,873	152,894	147,868
Other Commodities ⁵	2,094	3,109	3,185	2,927	3,285	3,585	4,186	3,958	3,041	3,259
Total	391,722	394,502	360,620	395,919	423,253	496,766	570,471	625,113	576,539	515,813
All Goods										
All Dangerous Goods	391,722	394,502	360,620	395,919	423,253	496,766	570,471	625,113	576,539	515,828
Non-Dangerous Goods	3,794,258	3,662,182	3,096,772	3,562,475	3,694,491	3,841,143	3,899,994	4,023,134	4,100,971	4,033,841
Grand Total	4,185,980	4,056,685	3,457,392	3,958,394	4,117,744	4,337,909	4,470,466	4,648,247	4,677,510	4,549,668
Dangerous Goods Share of Grand Total (%)	9.4	9.7	10.4	10.0	10.3	11.5	12.8	13.4	12.3	11.3

Notes: R= Revised data. P= Preliminary data.

1 Standard Classification of Transported Goods (SCTG) code #16000.

2 Includes ethanol, methanol and various types of ethanol blends.

3 Not all ethanol or ethanol mix products are included in this commodity group.

4 Includes petroleum products that are not flagged as dangerous.

5 Includes some ethanol and ethanol blends.

Source: Transport Canada, Rail Traffic Database

Table RA11: Volume of Rail Exports and Imports, by Province/Territory of Origin, 2007–2016

		(Thousands of tonnes)									
Exports											
<i>Province/Territory of Origin</i>		2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
Alberta		14,018	12,838	11,221	12,875	13,600	14,263	16,892	19,515	20,653	19,999
Saskatchewan		14,798	14,601	8,755	13,488	15,256	16,206	19,595	19,771	16,909	14,479
Ontario		15,254	13,283	8,367	11,014	11,219	11,212	11,543	11,178	11,623	12,150
British Columbia		12,003	10,486	7,806	8,672	8,761	10,028	10,315	10,626	11,620	12,108
Quebec		12,494	11,382	8,521	9,176	9,322	8,903	9,753	9,680	9,215	8,696
Manitoba		4,176	4,071	3,057	2,850	2,576	2,809	3,410	3,044	2,992	3,019
New Brunswick		1,240	971	900	1,122	1,296	1,242	1,363	1,244	1,200	1,421
Nova Scotia		987	922	703	889	847	596	717	683	692	684
Other ¹		0	3	0	0	1	0	0	0	0	0
Total		74,969	68,557	49,331	60,086	62,878	65,258	73,588	75,741	74,903	72,557
Imports											
<i>Province/Territory of Clearance</i>											
British Columbia		1,976	3,416	3,620	8,362	11,778	13,935	15,072	13,635	11,789	12,203
Alberta		5,612	6,826	5,674	6,608	6,681	8,054	9,017	9,524	7,955	6,360
Ontario		7,810	7,294	5,536	6,757	6,815	7,034	7,112	6,996	7,291	8,165
Quebec		6,430	6,333	5,647	5,742	5,701	5,513	5,593	7,261	5,648	4,838
Saskatchewan		1,503	1,771	1,134	1,362	1,511	1,554	1,732	1,784	1,555	1,485
Manitoba		873	866	545	534	817	836	858	907	846	670
Nova Scotia		509	425	462	579	548	518	498	436	415	530
New Brunswick		480	361	317	375	353	516	581	359	282	241
Other ¹		5	0	0	0	0	1	2	0	0	0
Totals		25,197	27,292	22,934	30,319	34,204	37,959	40,464	40,902	35,781	34,493

Notes: R= Revised data. P= Preliminary data.

1 Includes Newfoundland and Labrador, Northwest Territories and Yukon.

Ranking is based on a ten-year average.

Source: Transport Canada, Rail Traffic Database

Table RA12: Value of Rail Exports by Port of Exit and Clearance, 2007–2016

		(Millions of dollars)									
Exports											
<i>Port of Exit</i>		2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P
Sarnia		24,807.1	21,130.1	14,177.5	17,867.5	18,515.4	17,927.0	18,272.7	19,024.1	20,039.1	20,327.3
Windsor		14,089.7	10,974.9	8,569.3	12,646.1	14,723.2	18,169.8	17,934.7	17,553.8	20,669.5	21,470.9
Fort Frances		8,125.3	8,689.3	6,114.2	6,528.8	7,753.8	7,992.6	9,761.1	10,744.8	10,699.4	10,343.1
Fort Erie		8,168.4	8,089.7	5,812.8	7,567.4	7,934.2	9,272.5	8,372.1	8,193.0	9,367.3	9,009.2
North Portal		4,910.5	5,628.4	3,554.1	4,153.9	3,630.6	3,537.7	5,197.2	5,647.3	5,201.4	4,328.9
Emerson		2,073.8	2,991.9	1,941.9	2,393.6	3,945.2	4,993.3	4,520.3	4,799.0	4,119.2	3,720.6
White Rock		2,990.8	2,949.6	2,130.1	2,105.3	2,641.3	2,863.1	3,557.9	3,750.2	3,742.3	4,226.6
Lacolle		2,448.3	2,639.1	2,016.8	2,574.5	1,830.7	1,950.4	2,717.9	3,302.0	3,086.2	2,116.0
Kingsgate		815.2	2,029.0	1,476.9	2,026.2	2,228.7	2,186.8	2,542.0	2,765.2	2,681.2	1,858.2
Huntington		1,507.2	1,362.0	849.8	808.7	940.9	939.1	1,089.2	1,223.3	1,120.9	1,432.8
Other		4,403.3	4,582.9	2,386.0	2,992.3	3,338.7	3,282.8	3,176.6	3,373.1	2,913.1	3,025.5
Total		74,339.6	71,066.9	49,029.5	61,664.3	67,482.9	73,115.0	77,141.6	80,375.7	83,639.4	81,859.2
Imports											
<i>Port of Clearance</i>											
Windsor		4,614.8	4,619.0	5,245.7	7,987.6	7,294.0	9,664.9	8,236.4	8,884.4	9,397.3	15,268.0
Toronto		6,372.0	7,120.4	5,448.5	5,996.5	6,924.9	7,551.8	7,601.3	8,357.3	8,541.2	10,386.0
Sarnia		6,543.9	5,553.2	3,137.3	3,503.3	3,741.5	3,224.3	3,488.5	3,772.8	3,476.7	4,223.4
Edmonton		2,101.8	3,440.2	2,464.5	2,672.5	3,260.7	3,470.4	3,848.0	3,620.5	2,675.8	1,706.2
Montreal		2,125.6	2,687.0	2,232.9	2,257.8	2,769.4	3,227.4	3,166.1	3,907.9	3,438.2	1,757.1
Calgary		1,782.6	1,812.5	1,213.4	1,420.7	1,702.4	1,772.6	2,189.3	2,404.0	2,132.5	2,067.0
Winnipeg		517.5	741.0	544.0	832.4	986.0	2,589.8	2,447.6	2,632.9	2,293.0	2,207.2
Vancouver		1,322.3	1,495.2	1,214.5	1,607.7	1,553.8	1,766.7	1,685.6	1,663.6	1,651.9	1,285.7
Fort Erie		1,157.2	1,051.1	923.3	849.9	930.7	1,024.8	1,465.1	2,067.3	2,813.3	2,947.8
Hamilton		806.9	690.9	465.5	785.7	856.1	1,120.5	1,089.9	1,569.1	1,189.8	326.6
Other		3,933.9	5,244.5	3,031.7	3,402.6	4,172.9	4,022.7	5,276.6	6,940.8	6,218.7	4,263.6
Total		31,278.6	34,454.9	25,921.3	31,316.6	34,192.4	39,436.0	40,494.4	45,820.7	43,828.5	46,438.7

Notes: R= Revised data. P= Preliminary data.

Ranking of Port of Exit is in descending order, based on a 10 year average.

Source: Transport Canada, adapted from Statistics Canada, International Trade Division

Table RA13: Volume of Rail Marine Exports and Imports, 2007–2016

(Thousands of tonnes)

	2007	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^P
Exports ¹	94,313	86,755	85,108	97,108	98,586	104,143	103,905	109,389	105,253	105,253
Imports ²	13,478	11,345	8,862	10,460	12,707	14,694	14,763	16,239	16,804	16,804
Grand Total	107,792	98,100	93,971	107,568	111,293	118,837	118,668	125,628	122,057	122,057

Notes: R= Revised data. P= Preliminary data.

1 Volume of rail cargo shipped through Canadian marine ports.

2 Volume of rail cargo coming from Canadian marine ports.

Source: Transport Canada; Rail Traffic Database

Table RA14: Volume of Rail Marine Exports¹ by Commodity, 2007–2016

(Thousands of tonnes)

Commodity	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^P
Agriculture and Food	11,159.2	10,640.1	14,084.7	15,176.3	15,472.0	15,770.1	14,950.7	18,217.2	18,354.1	20,164.3
Automotive Products	16.8	9.5	8.1	10.5	43.3	7.1	179.0	15.7	42.7	165.5
Chemical Products	1,702.0	1,709.4	1,525.0	1,254.4	1,143.0	1,122.9	1,089.7	1,164.8	1,265.5	1,484.9
Coal	30,361.7	30,172.8	27,795.6	36,689.5	36,955.1	40,040.1	40,695.2	38,150.9	31,758.9	31,563.3
Fertilizer Materials	13,275.8	12,115.1	6,782.7	10,244.5	11,750.8	9,532.6	9,358.3	10,351.1	12,577.7	11,655.1
Forest Products	5,470.4	4,415.3	4,252.4	3,934.4	4,532.4	6,587.3	6,677.8	5,144.9	5,868.7	6,396.3
Grains	19,634.9	16,414.1	20,019.0	19,064.1	18,737.1	19,709.6	19,158.9	25,261.1	23,706.5	20,914.9
Metals	22.3	32.4	41.3	46.3	70.5	54.5	43.2	60.4	47.6	73.2
Ores and mine products	3,735.2	2,555.6	2,240.5	1,936.4	1,773.1	1,911.0	1,919.0	2,017.5	2,295.9	2,372.2
Petroleum Products	638.8	905.3	919.4	1,524.6	1,012.7	2,305.8	2,076.0	1,514.8	3,175.3	2,804.3
Mixed/unidentified freight ²	8,296.3	7,785.8	7,439.6	7,227.3	7,096.0	7,102.4	7,757.5	7,893.4	7,634.4	7,753.4
Grand Total	94,313.4	86,755.5	85,108.5	97,108.3	98,586.0	104,143.3	103,905.3	109,791.8	106,727.2	105,347.4

Notes: P= Preliminary data.

1 Volume of rail cargo shipped through Canadian marine port of origin.

2 Predominantly intermodal.

Source: Transport Canada

Table RA15: CN and CPR Intermodal Traffic, 2007–2016

(Millions of tonnes)

Origin-Destination	2007	2008	2009	2010	2011	2012	2013	2014	2015 ^R	2016 ^P
North America	12.0	12.7	11.6	12.5	11.9	12.6	13.2	13.3	13.3	13.9
Canada - Canada	9.8	10.0	9.4	9.8	9.6	10.0	10.4	10.5	10.9	11.9
Canada - United States	0.9	1.3	1.1	1.5	0.8	0.9	0.9	1.0	0.8	0.7
Canada - Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
United States - Canada	1.2	1.4	1.1	1.2	1.4	1.6	1.7	1.7	1.5	1.1
Mexico - Canada	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
United States - United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marine Exports	9.8	9.0	8.4	8.3	8.2	8.2	9.0	9.6	8.9	9.1
Marine Imports	10.9	10.5	8.3	9.9	11.5	12.7	13.1	14.0	15.2	14.1
Total	32.6	32.3	28.2	30.7	31.5	33.5	35.3	36.9	37.4	37.2
Type of cars										
COFC	31.4	30.9	27.1	29.5	30.4	32.5	34.1	35.6	36.4	36.6
TOFC	1.2	1.3	1.1	1.2	1.1	1.0	1.1	1.3	1.0	0.6
Total	32.6	32.3	28.2	30.7	31.5	33.5	35.3	36.9	37.4	37.2

Notes: R= Revised data. P= Preliminary data. CN= Canadian National. CPR= Canadian Pacific Railway. COFC= Containers on flat cars. TOFC= Trailers on flat cars.

Source: Transport Canada; Rail Traffic Database

Table RA16: Passenger and Passenger-Kms for VIA Rail Canada and Class II Carriers, 2007–2016

Passengers Carried (Thousands)			
<i>Year</i>	<i>VIA Rail</i>	<i>Class II</i>	<i>Total</i>
2007	4,181	155	4,336
2008	4,605	148	4,753
2009	4,229	144	4,373
2010	4,153	147	4,300
2011	4,130	153	4,283
2012	3,923	137	4,060
2013	3,890	102	3,992
2014	3,800	103	3,903
2015	3,818	197	4,015
2016 ^P	3,974	N/A	N/A

Passenger - Kilometres (Millions)			
<i>Year</i>	<i>VIA Rail</i>	<i>Class II</i>	<i>Total</i>
2007	1,406.6	46.4	1,453.0
2008	1,530.5	43.8	1,574.3
2009	1,379.2	34.1	1,413.4
2010	1,361.5	42.3	1,403.9
2011	1,369.6	34.8	1,404.4
2012	1,342.2	33.5	1,375.7
2013	1,339.0	26.4	1,365.4
2014	1,300.3	26.5	1,326.9
2015	1,322.9	99.0	1,421.8
2016 ^P	1,380.9	N/A	N/A

Notes: P= Preliminary data. N/A= Not available.

Source: Transport Canada

Road Transportation

Table RO1: National Highway System, 2015

Province	(Kilometres)			Total
	Core Routes	Feeder Routes	Northern & Remote Routes	
Newfoundland and Labrador	1,007.6	298.0	1,161.0	2,466.6
Nova Scotia	904.7	294.3	0.0	1,199.0
Prince Edward Island	208.2	188.8	0.0	397.0
New Brunswick	994.5	830.5	0.0	1,825.0
Quebec	3,442.7	773.4	1,434.9	5,650.9
Ontario	6,130.7	705.6	0.0	6,836.3
Manitoba	985.1	741.9	368.2	2,095.2
Saskatchewan	2,442.0	0.0	236.3	2,678.3
Alberta	4,036.2	215.5	196.5	4,448.3
British Columbia	5,869.3	446.7	724.0	7,040.0
Nunavut	0.0	0.0	0.0	0.0
Northwest Territories	575.6	0.0	847.2	1,422.8
Yukon	1,068.6	0.0	947.9	2,016.5
Canada	27,665.1	4,494.7	5,916.0	38,075.8

Source: NHS Route Inventory as of December 31, 2015

Table RO2: Length of Public Road Network in Canada, 2016

	Length (two-lane equivalent kilometres)			Provinces/Territories Share of Total (per cent)	Percentage Distribution	
	Paved	Unpaved	Total		Paved	Unpaved
Newfoundland and Labrador	11,100	9,200	20,300	1.8	54.7	45.3
Nova Scotia	19,100	17,600	36,700	3.3	52.0	48.0
Prince Edward Island	4,400	1,800	6,200	0.6	71.0	29.0
New Brunswick	21,200	900	22,100	2.0	95.9	4.1
Quebec	93,000	42,000	135,000	12.0	68.9	31.1
Ontario	125,100	120,400	245,500	21.8	51.0	49.0
Manitoba	19,900	67,900	87,800	7.8	22.7	77.3
Saskatchewan	30,800	199,000	229,800	20.4	13.4	86.6
Alberta	63,200	173,300	236,500	21.0	26.7	73.3
British Columbia	51,700	35,400	87,100	7.7	59.4	40.6
Nunavut	0	1,300	1,300	0.1	0.0	100.0
Northwest Territories	1,200	4,200	5,400	0.5	22.2	77.8
Yukon	2,500	3,600	6,100	0.5	41.0	59.0
Total	449,400	676,600	1,126,000	100.0	39.9	60.1

Notes: Does not include private roads.

The methodology used to calculate the two-lane equivalent kilometers has been revised since the previous edition of this table was published.

Source: National Road Network (NRN), current as of December 2016

Table RO3: Road Vehicle Statistics, by Province/Territory, 2009

	Vehicles (thousands)			Vehicle-Km (millions)			Light Vehicles Only		Vehicles per 1,000 Population
	Light	Medium	Heavy	Light	Medium	Heavy	Passenger-Km (Billions)	Litres of Fuel Purchased (Billions)	
Newfoundland and Labrador	290	3.5	3.4	4,400	41	225	7.4	0.5	570
Nova Scotia	538	7.9	8.0	9,400	181	500	15.1	0.9	573
Prince Edward Island	82	1.3	2.7	1,200	11	39	1.9	0.1	578
New Brunswick	482	5.3	4.6	7,800	60	138	13.2	0.8	643
Quebec	4,593	48.5	37.8	68,100	1,031	3,563	111.0	6.8	587
Ontario	7,167	90.4	105.5	116,100	1,719	8,006	186.0	12.3	548
Manitoba	670	11.2	17.3	10,000	160	1,529	16.6	1.1	548
Saskatchewan	718	38.9	30.9	11,000	529	1,224	18.1	1.3	697
Alberta	2,581	131.4	87.4	41,700	2,617	5,421	70.0	4.8	700
British Columbia	2,584	96.3	16.7	33,300	1,891	585	53.7	3.8	580
Nunavut	4	0.3	0.2	30	3	2	N/A	N/A	120
Northwest Territories	21	1.0	1.3	200	16	62	N/A	N/A	494
Yukon Territory	27	2.1	1.5	400	34	122	N/A	N/A	793
Canada	19,756	438.0	317.2	303,630	8,294	21,417	493.1	32.3	586

Notes: N/A= Data not available. Medium vehicles have a gross weight between 4.5 tonnes and 15 tonnes. Heavy vehicles have a gross weight of 15 tonnes or more.

Source: Canadian Vehicle Survey, 2009 Annual Averages (*The Canadian Vehicle Survey (CVS) was terminated in 2011. Motor vehicle activity data are no longer available from this survey beginning with the 2010 reference year.*)

Table RO4: Canadian Vehicle Use Study Light Vehicle Statistics, Annual Averages Per Vehicle, 2015

	----- Annual Averages Per Vehicle -----				----- Per Vehicle Ratios -----		
	<i>Fleet Size (thousands)</i>	<i>Travel Time (hours)</i>	<i>Passenger- Kilometres</i>	<i>Distance Driven (Km)</i>	<i>Distance Driven Per Day (Km)</i>	<i>Fuel Consumption (L/100 Km)</i>	<i>Percentage of Time Spent Idling¹</i>
2015 Total	15,009	384^a	28,072^a	16,509^a	49.7^a	12.2^a	22.5^a
<i>by Participating Province</i>							
Quebec	5,263	365 ^a	27,698 ^a	15,917 ^a	47.3 ^a	11.9 ^a	21.8 ^a
Ontario	8,164	403 ^a	28,641 ^a	17,246 ^a	52.2 ^a	12.2 ^a	22.3 ^a
Manitoba	802	384 ^a	26,429 ^a	15,187 ^a	46.5 ^a	13.4 ^a	25.8 ^a
Saskatchewan	699	345 ^a	27,146 ^a	15,101 ^a	46.3 ^a	13.3 ^a	26.5 ^a
Prince Edward Island	81	391 ^b	28,863 ^c	17,920 ^b	53.9 ^a	12.0 ^a	20.2 ^b
<i>by Population Size of Participant's Location</i>							
700,000 and Over	N/A	410 ^a	27,685 ^a	16,190 ^a	48.3 ^a	12.0 ^a	23.5 ^a
200,000–699,999	N/A	374 ^a	25,650 ^a	15,322 ^a	45.8 ^a	12.3 ^a	22.9 ^a
100,000–199,999	N/A	384 ^a	27,600 ^a	17,368 ^a	51.9 ^a	12.3 ^a	22.0 ^a
50,000–99,999	N/A	339 ^a	26,595 ^a	15,050 ^a	45.6 ^a	12.8 ^a	22.2 ^a
Fewer than 50,000	N/A	368 ^a	31,803 ^a	18,856 ^a	58.6 ^a	12.1 ^a	20.5 ^a
<i>by Age of the Vehicle</i>							
Less than 4 Years	3,287	457 ^a	35,420 ^a	20,219 ^a	58.3 ^a	11.7 ^a	21.1 ^a
4-8 Years	5,098	399 ^a	30,171 ^a	17,606 ^a	51.7 ^a	12.1 ^a	21.5 ^a
9 Years or More	6,623	320 ^a	20,846 ^a	12,823 ^a	40.6 ^a	12.7 ^a	24.7 ^a
<i>by Vehicle Type</i>							
Passenger Car	8,233	371 ^a	26,222 ^a	15,884 ^a	47.8 ^a	10.5 ^a	22.0 ^a
Minivan	1,414	446 ^a	36,059 ^a	18,008 ^a	53.1 ^a	13.6 ^a	24.4 ^a
SUV	3,324	407 ^a	31,253 ^a	17,843 ^a	52.5 ^a	13.0 ^a	21.7 ^a
Pickup/Cargo	2,038	352 ^a	23,871 ^a	15,485 ^a	49.3 ^a	16.3 ^a	24.9 ^a
<i>by Engine Displacement (Litres)</i>							
Less than 2 L	N/A	375 ^a	25,055 ^a	16,380 ^a	47.9 ^a	8.5 ^a	21.1 ^a
2 L to 2.9 L	N/A	390 ^a	26,924 ^a	16,661 ^a	49.4 ^a	10.5 ^a	21.7 ^a
3 L to 3.9 L	N/A	407 ^a	33,072 ^a	17,329 ^a	51.4 ^a	13.5 ^a	22.7 ^a
4 L and More	N/A	344 ^a	23,906 ^a	14,969 ^a	48.6 ^a	16.3 ^a	25.0 ^a
<i>by Number of Cylinders in Vehicle Engine</i>							
4 or Less/Rotary	N/A	384 ^a	26,296 ^a	16,531 ^a	49.1 ^a	9.6 ^a	21.6 ^a
5 or 6	N/A	396 ^a	31,279 ^a	16,770 ^a	50.2 ^a	13.5 ^a	22.8 ^a
8 or More	N/A	353 ^a	24,750 ^a	15,701 ^a	50.4 ^a	17.0 ^a	24.9 ^a
<i>by Transmission Type</i>							
Automatic	N/A	390 ^a	28,420 ^a	16,570 ^a	49.8 ^a	12.6 ^a	22.9 ^a
Manual	N/A	338 ^a	25,200 ^a	16,003 ^a	49.1 ^a	9.3 ^a	19.9 ^a

Notes: N/A= Not applicable.

¹ Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island.

Light vehicles are defined as those less than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

Table RO5: Canadian Vehicle Use Study Light Vehicle Statistics, Averages Per Trip, 2015

	----- Averages Per Trip -----						
	Share of Trips (%)	Trip Duration (min)	Trip Length (km)	Vehicle Occupancy	Fuel Consumption (L)	Fuel Consumption (L/100 Km)	Percentage of Time Spent Idling ¹
2015 Total	100	13.4^a	9.6^a	1.5^a	1.1^a	13.6^a	26.8^a
	<i>by Trip Purpose</i>						
Unclassified	30.8	8.3 ^a	5.0 ^a	1.0 ^a	0.6 ^a	12.0 ^a	33.5 ^a
Work/Business	20.3	18.7 ^a	14.2 ^a	1.3 ^a	1.6 ^a	14.0 ^a	22.8 ^a
School/Daycare	3.1	12.3 ^a	6.9 ^a	2.2 ^a	0.8 ^a	15.5 ^a	26.5 ^a
Shopping/Appointments/Errands	23.1	11.3 ^a	6.8 ^a	1.6 ^a	0.8 ^a	15.0 ^a	25.8 ^a
Leisure/Visiting Family or Friends	20.8	18.3 ^a	15.7 ^a	2.0 ^a	1.7 ^a	13.8 ^a	22.3 ^a
Community Involvement ²	1.8	13.3 ^a	8.9 ^a	1.6 ^a	1.0 ^a	14.3 ^a	25.3 ^a
	<i>by Day Type</i>						
Workday	75.9	13.4 ^a	9.3 ^a	1.4 ^a	1.1 ^a	13.7 ^a	26.8 ^a
Weekend	24.1	13.6 ^a	10.5 ^a	1.6 ^a	1.2 ^a	13.3 ^a	26.7 ^a
	<i>by Trip Length</i>						
Less than 1 km	23.6	2.6 ^a	0.3 ^a	1.2 ^a	0.1 ^a	-- ^c	44.5 ^a
1 to 5.99 km	37.2	7.2 ^a	2.6 ^a	1.5 ^a	0.4 ^a	16.5 ^a	25.5 ^a
6 to 10.99 km	15.9	14.0 ^a	7.1 ^a	1.5 ^a	1.0 ^a	13.5 ^a	21.7 ^a
11 to 15.99 km	7.6	19.5 ^a	12.3 ^a	1.6 ^a	1.5 ^a	12.1 ^a	18.8 ^a
16 to 20.99 km	4.4	24.0 ^a	17.3 ^a	1.6 ^a	1.9 ^a	11.3 ^a	16.7 ^a
21 to 30.99 km	4.6	29.6 ^a	24.3 ^a	1.6 ^a	2.7 ^a	11.0 ^a	14.6 ^a
31 to 50.99 km	3.6	39.3 ^a	38.1 ^a	1.6 ^a	3.9 ^a	10.3 ^a	11.8 ^a
51 to 99.99 km	2.2	59.9 ^a	68.5 ^a	1.8 ^a	6.9 ^a	10.0 ^a	9.2 ^a
100 km or More	1.1	114.1 ^a	160.4 ^a	2.1 ^a	16.4 ^a	10.2 ^a	6.2 ^a
	<i>by Vehicle Occupancy</i>						
Unknown	N/A	8.3 ^a	5.0 ^a	1.0 ^a	0.6 ^a	12.0 ^a	33.5 ^a
Driver Only	N/A	11.7 ^a	8.0 ^a	1.0 ^a	0.9 ^a	13.3 ^a	27.7 ^a
Driver and 1 Passenger	N/A	16.2 ^a	12.1 ^a	2.0 ^a	1.4 ^a	14.3 ^a	24.4 ^a
Driver and 2+ Passengers	N/A	19.4 ^a	15.4 ^a	3.6 ^a	1.8 ^a	14.7 ^a	25.8 ^a

Notes: N/A= Not applicable.

1 Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

2 Community involvement includes volunteering, attending religious services, voting, or other.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island.

Light vehicles are defined as those less than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

Table RO6: Canadian Vehicle Use Study Trucking Statistics, Annual Averages Per Vehicle, 2015

	----- Annual Averages Per Vehicle-----			----- Per Vehicle Ratios -----		
	<i>Fleet Size (thousands)</i>	<i>Travel Time (hours)</i>	<i>Distance Driven (Km)</i>	<i>Distance Driven Per Day (Km)</i>	<i>Fuel Consumption (L/100 Km)</i>	<i>Percentage of Time Spent Idling¹</i>
2015 Total	468	1,398^c	44,876^b	171.9^a	48.2^a	42.4^a
<i>by Participating Province</i>						
Quebec	135	1,284 ^b	46,535 ^c	175.3 ^a	50.8 ^b	39.4 ^a
Ontario	229	1,581 ^d	47,347 ^b	171.1 ^a	44.0 ^a	41.6 ^a
Manitoba	46	-- ^e	-- ^e	229.7 ^c	50.6 ^c	45.4 ^b
Saskatchewan	55	-- ^e	-- ^e	114.1 ^c	57.4 ^c	51.2 ^b
<i>by Age of the Vehicle</i>						
Less than 4 Years	81	1,997 ^b	80,741 ^b	283.8 ^a	42.5 ^b	35.3 ^b
4-8 Years	110	1,521 ^c	52,196 ^c	199.2 ^a	49.9 ^b	39.5 ^a
9 Years or More	277	-- ^e	27,114 ^c	95.7 ^a	50.6 ^b	46.7 ^a
<i>by Vehicle Weight</i>						
4.5 to 10 Tonnes	138	632 ^c	17,997 ^c	69 ^b	42.6 ^b	42.9 ^a
10 to 15 Tonnes	52	906 ^c	28,771 ^d	102 ^a	38.6 ^d	42.9 ^b
More than 15 Tonnes	278	1,865 ^c	61,045 ^b	231 ^a	51.8 ^a	42.1 ^a
<i>by Truck Configuration</i>						
Straight Truck	N/A	906 ^c	28,525 ^c	133.0 ^b	46.9 ^b	44.4 ^a
Tractor & Trailer	N/A	2,248 ^c	102,833 ^c	414.7 ^b	48.5 ^b	37.7 ^b

Notes: N/A= Not available.

1 Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island. PEI data are included in the national estimates, but have been suppressed in the Participating Province section due to a low sample size.

Trucks are defined as those greater than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

Table RO7: Annual Trucking Bankruptcies by Region, 2007–2016

<i>Year</i>	<i>Atlantic Provinces</i>	<i>Quebec</i>	<i>Ontario</i>	<i>Manitoba & Saskatchewan</i>	<i>Alberta</i>	<i>British Columbia & Territories</i>	<i>Total Trucking</i>	<i>Total Economy¹</i>
2007	28	145	180	36	30	30	449	6,293
2008	64	148	196	34	34	37	513	6,164
2009	31	103	137	27	34	20	352	5,420
2010	11	76	90	25	40	14	256	4,072
2011	8	75	65	20	10	10	188	3,643
2012	8	66	55	9	10	7	155	3,236
2013	11	77	26	9	3	3	129	3,187
2014	8	74	34	10	6	7	139	3,116
2015	6	67	30	6	2	6	117	3,089
2016	5	79	21	10	2	7	124	2,884

Notes: Truck transportation bankruptcies data are based on the North American Industry Classification System (NAICS). This table includes bankruptcies data related to NAICS 484 Truck transportation and NAICS 4884 Support activities for road transportation.

1 Total Economy include all business bankruptcies (consumer bankruptcies excluded).

Source: Industry Canada, Office of the Superintendent of Bankruptcy

Table RO8: Traffic Volume by Canadian For-Hire Carriers, 2011–2015

	Metric Tonnes (Millions)					Share 2015 in percent	Tonne-Kilometres (Millions)					Share 2015 in percent
	2011	2012	2013	2014 ^R	2015 ^P		2011	2012	2013	2014 ^R	2015 ^P	
Intraprovincial	447.8	494.4	518.3	N/A	N/A	N/A	57,617	60,107	64,760	N/A	N/A	N/A
Interprovincial	72.4	78.5	74.6	N/A	N/A	N/A	78,776	82,936	79,161	N/A	N/A	N/A
Total Domestic	520.2	572.9	592.9	628.3	627.2	86.0	136,393	143,043	143,921	160,561	168,181	60.6
Exports	43.0	45.6	53.0	N/A	N/A	N/A	43,951	46,255	52,230	N/A	N/A	N/A
Imports	37.4	43.4	44.8	N/A	N/A	N/A	43,980	52,197	55,236	N/A	N/A	N/A
Total International	80.4	89.0	97.8	102.3	102.0	14.0	87,932	98,452	107,466	108,008	109,215	39.4
Total	600.6	661.9	690.8	730.6	729.2	100.0	224,325	241,495	251,387	268,568	277,396	100.0

Notes: R= Revised data. P= Preliminary data. N/A= Not available.

Source: Statistics Canada, Trucking Commodity Origin and Destination (TCOD) Survey

Table RO9: Canadian International Trade Value Shipped by Trucks, by Commodity Groups, 2015–2016

Commodity Categories	(Millions of dollars)			
	(Total Exports by trucks)			
	2015 ^R	% Share	2016 ^P	% Share
Automobiles, parts and other transportation equipment	42,885	20.2	47,004	21.0
Other manufactured and miscellaneous goods	35,534	16.8	39,661	17.7
Machinery and electrical equipment	38,241	18.1	37,833	16.9
Chemical products, plastics and rubber	28,276	13.3	29,811	13.3
Agricultural and food products	28,432	13.4	29,633	13.2
Base metals and articles thereof	18,299	8.6	18,563	8.3
Wood and paper products	13,149	6.2	14,313	6.4
Non-metallic minerals, coal and stone products	2,909	1.4	3,107	1.4
Waste and scrap material	1,916	0.9	1,932	0.9
Petroleum products, LNG and other fuels	2,042	1.0	1,621	0.7
Metallic ores	171	0.1	241	0.1
Total Exports by Trucks	211,854	100.0	223,718	100.0
Destination: United States	206,385	97.4	217,806	97.4
Destination: Mexico	2,780	1.3	3,362	1.5
Destination: Other Countries	2,689	1.3	2,550	1.1
	(Total Imports by trucks) ¹			
	2015 ^R	% Share	2016 ^P	% Share
Machinery and electrical equipment	88,249	29.5	87,225	29.5
Automobiles, parts and other transportation equipment	56,793	19.0	53,392	18.1
Other manufactured and miscellaneous goods	43,227	14.5	43,010	14.6
Chemical products, plastics and rubber	38,990	13.0	39,925	13.5
Agricultural and food products	30,769	10.3	31,642	10.7
Base metals and articles thereof	20,866	7.0	20,030	6.8
Wood and paper products	10,494	3.5	10,516	3.6
Non-metallic minerals, coal and stone products	4,670	1.6	4,820	1.6
Waste and scrap material	2,275	0.8	2,398	0.8
Petroleum products, LNG and other fuels	2,287	0.8	2,122	0.7
Metallic ores	256	0.1	317	0.1
Total Imports by Trucks	298,877	100.0	295,398	100.0
Origin: United States	204,632	68.5	199,924	67.7
Origin: Mexico	21,856	7.3	23,017	7.8
Origin: Other Countries	72,388	24.2	72,456	24.5

Notes: R= Revised data. P= Preliminary data. LNG= Liquefied natural gas.

¹ Imports by trucks from other countries than the United States are overestimated. In the case of imports, the mode of transport represents the last mode by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade database

Table RO10: Canada's Road Trade with the United States, by Busiest Border Crossing Points, 2015–2016

Border Crossing Point	(Millions of dollars)						Cumulative Share in Per Cent 2016
	Exports by Road 2016 ^P	Imports by Road 2016 ^P	Total Trade by Road 2016 ^P	Total Trade by Road 2015 ^R	Percentage Change 2016/15	Share in Per Cent 2016	
Windsor-Ambassador, Ontario	64,221	62,267	126,488	124,115	1.9	30.3	30.3
Fort Erie/Niagara Falls, Ontario	39,339	28,559	67,899	66,819	1.6	16.3	46.5
Sarnia, Ontario	34,722	27,907	62,629	58,591	6.9	15.0	61.5
Lacolle, Quebec	17,767	6,968	24,735	22,986	7.6	5.9	67.4
Pacific Highway, British Columbia	9,672	9,810	19,482	19,407	0.4	4.7	72.1
Emerson, Manitoba	8,512	10,406	18,919	19,726	(4.1)	4.5	76.6
Lansdowne, Ontario	11,400	6,748	18,148	17,190	5.6	4.3	81.0
Coutts, Alberta	5,949	5,174	11,123	12,545	(11.3)	2.7	83.6
North Portal, Saskatchewan	3,181	6,142	9,323	10,603	(12.1)	2.2	85.9
Phillipsburg, Quebec	3,147	1,589	4,736	4,747	(0.2)	1.1	87.0
Woodstock, New Brunswick	3,264	1,310	4,574	4,061	12.6	1.1	88.1
Huntingdon, British Columbia	2,858	1,344	4,202	3,877	8.4	1.0	89.1
St. Stephen, New Brunswick	2,536	1,159	3,695	3,644	1.4	0.9	90.0
Kingsgate, British Columbia	1,768	1,603	3,371	3,199	5.4	0.8	90.8
Other crossing points	9,468	28,939	38,407	39,508	(2.8)	9.2	100.0
Total Road Trade	217,806	199,924	417,730	411,017	1.6	100.0	

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

Table RO11: Twenty Busiest Border Crossings for Cars/Other Vehicles, 2012–2016

2016 Rank	Crossing point	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
1	Pacific Highway/Douglas	B.C.	9.29	9.76	9.48	8.19	7.63	14.6	15.2	15.4	15.0	14.6
2	Detroit - Windsor Tunnel	Ont.	3.72	3.71	3.66	3.91	4.16	5.8	5.8	5.9	7.2	8.0
3	Fort Erie - Peace Bridge	Ont.	4.74	4.66	4.30	4.16	4.13	7.4	7.2	7.0	7.6	7.9
4	Windsor-Ambassador Bridge	Ont.	4.54	4.60	4.43	4.20	4.01	7.1	7.1	7.2	7.7	7.7
5	Sarnia - Blue Water Bridge	Ont.	3.76	3.84	3.74	3.19	3.02	5.9	6.0	6.1	5.8	5.8
6	Niagara Falls - Queenston Bridge	Ont.	3.32	3.04	2.98	2.67	2.61	5.2	4.7	4.8	4.9	5.0
7	Niagara Falls - Rainbow Bridge	Ont.	3.46	3.22	2.91	2.43	2.31	5.4	5.0	4.7	4.4	4.4
8	Lacolle ¹	Que.	1.97	2.07	2.04	1.91	1.83	3.1	3.2	3.3	3.5	3.5
9	Boundary Bay	B.C.	2.26	2.34	2.31	2.00	1.83	3.5	3.6	3.7	3.7	3.5
10	Huntingdon	B.C.	2.06	2.28	2.19	1.80	1.61	3.2	3.5	3.6	3.3	3.1
11	Cornwall	Ont.	1.79	1.71	1.73	1.62	1.59	2.8	2.7	2.8	3.0	3.1
12	Sault Ste. Marie	Ont.	1.89	1.85	1.71	1.41	1.36	3.0	2.9	2.8	2.6	2.6
13	Lansdowne	Ont.	1.66	1.72	1.68	1.23	1.20	2.6	2.7	2.7	2.2	2.3
14	St. Stephen	N.B.	1.40	1.35	1.28	1.07	1.02	2.2	2.1	2.1	2.0	2.0
15	Aldergrove	B.C.	1.55	1.54	1.36	0.95	0.92	2.4	2.4	2.2	1.7	1.8
16	Phillipsburg	Que.	0.86	0.91	0.89	0.87	0.87	1.3	1.4	1.4	1.6	1.7
17	Rock Island ²	Que.	0.99	1.01	0.97	0.85	0.78	1.6	1.6	1.6	1.6	1.5
18	Fort Frances	Ont.	0.91	0.91	0.91	0.80	0.75	1.4	1.4	1.5	1.5	1.4
19	Edmundston	N.B.	1.00	1.00	0.94	0.80	0.73	1.6	1.6	1.5	1.5	1.4
20	Prescott	Ont.	0.72	0.76	0.71	0.58	0.58	1.1	1.2	1.1	1.1	1.1
Top 20 Crossings			51.89	52.28	50.22	44.65	42.96	81.5	81.2	81.4	81.9	82.4
All other crossings			11.81	12.13	11.46	9.86	9.18	18.5	18.8	18.6	18.1	17.6
Total All Border Crossings			63.70	64.41	61.68	54.51	52.14	100.0	100.0	100.0	100.0	100.0

Notes: Two-way traffic volumes were estimated by doubling one-way flows northbound into Canada.

1 Lacolle includes routes 15, 221 and 223.

2 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, CANSIM Table 427-0002

Table RO12: Twenty Busiest Border Crossings for Trucks, 2012–2016

2016 Rank	Crossing point	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
1	Windsor-Ambassador Bridge	Ont.	2.71	2.64	2.54	2.46	2.69	25.1	24.6	23.7	23.3	24.7
2	Sarnia -Blue Water Bridge	Ont.	1.60	1.64	1.64	1.62	1.70	14.8	15.2	15.3	15.4	15.6
3	Fort Erie - Peace Bridge	Ont.	1.21	1.21	1.23	1.21	1.19	11.2	11.3	11.5	11.4	10.9
4	Pacific Highway/Douglas	B.C.	0.75	0.77	0.79	0.81	0.78	6.9	7.2	7.4	7.7	7.1
5	Niagara Falls - Queenston Bridge	Ont.	0.69	0.68	0.71	0.72	0.75	6.4	6.3	6.7	6.9	6.9
6	Lacolle ¹	Que.	0.57	0.55	0.53	0.56	0.54	5.3	5.1	5.0	5.3	5.0
7	Emerson	Man.	0.39	0.40	0.41	0.41	0.41	3.6	3.8	3.9	3.8	3.7
8	Lansdowne	Ont.	0.33	0.35	0.33	0.35	0.38	3.0	3.2	3.1	3.3	3.5
9	Coutts	Alb.	0.31	0.31	0.33	0.25	0.25	2.9	2.9	3.1	2.3	2.3
10	North Portal	Sas.	0.25	0.24	0.24	0.22	0.21	2.3	2.2	2.3	2.1	1.9
11	Huntingdon	B.C.	0.15	0.15	0.17	0.21	0.19	1.4	1.4	1.6	2.0	1.8
12	Phillipsburg	Que.	0.19	0.18	0.19	0.19	0.18	1.7	1.7	1.7	1.8	1.7
13	Rock Island ²	Que.	0.15	0.16	0.17	0.17	0.18	1.4	1.5	1.6	1.6	1.7
14	Kingsgate	B.C.	0.12	0.13	0.12	0.11	0.12	1.1	1.2	1.1	1.0	1.1
15	St. Stephen	N.B.	0.10	0.09	0.10	0.10	0.10	0.9	0.9	0.9	0.9	0.9
16	Woodstock	N.B.	0.10	0.10	0.09	0.09	0.10	0.9	0.9	0.9	0.9	0.9
17	Sault Ste. Marie	Ont.	0.10	0.10	0.10	0.09	0.09	0.9	0.9	0.9	0.8	0.8
18	Aldergrove	B.C.	0.03	0.02	0.02	0.02	0.08	0.2	0.2	0.2	0.2	0.7
19	Osoyoos	B.C.	0.06	0.07	0.07	0.06	0.06	0.6	0.6	0.7	0.6	0.5
20	Prescott	Ont.	0.05	0.06	0.06	0.06	0.06	0.5	0.5	0.5	0.6	0.5
	Top 20 Crossings		9.84	9.84	9.85	9.70	10.04	91.3	91.6	91.8	91.9	92.1
	All other crossings		0.94	0.90	0.87	0.86	0.86	8.7	8.4	8.2	8.1	7.9
	Total All Border Crossings		10.78	10.74	10.72	10.56	10.90	100.0	100.0	100.0	100.0	100.0

Notes: Two-way traffic volumes were estimated by doubling one-way flows northbound into Canada.

1 Lacolle includes routes 15, 221 and 223.

2 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, CANSIM Table 427-0002

Table RO13: Border Wait Times for Southbound Trucks at Selected Crossings, 2016

Border Name	Median Border Waiting Times - Minutes	Median Border Waiting Times 3 year average	95th percentile Wait Time - Minutes	95th percentile Wait Time - 3 year average
St. Stephen, NB	6.6	7.2	18.5	18.6
Rock Island, QC	13.2	12.0	34.5	32.3
Lacolle, QC	12.6	12.3	31.7	31.4
Lansdowne, ON	16.7	16.5	33.6	32.9
Niagara Falls, ON - Queenston Bridge	12.8	13.8	39.8	40.3
Fort Erie, ON - Peace Bridge	11.1	13.2	45.9	45.3
Windsor-Ambassador Bridge, ON	15.4	15.7	45.6	44.3
Sarnia, ON	15.0	15.2	33.2	35.8
Sault Ste. Marie, ON	13.1	13.4	30.2	29.8
Emerson, MB	15.4	14.8	29.7	28.3
North Portal, SK	11.6	13.0	27.2	27.1
Coutts, AB	12.5	12.8	31.4	28.9
Huntingdon, BC	14.8	13.8	34.1	32.9
Pacific Highway, BC	16.7	14.9	48.6	42.5

Source: Transport Canada

Table RO14: Bus Industry Revenues by Service Lines, 2005–2014

	2005	2006	2007	2008	2009	2010	2011	2012	2013 ^R	2014 ^P	2005-2014 CAGR (Per cent)
Number of companies											
Urban Transit ¹	71	66	78	84	88	86	85	87	85	90	2.7
Interurban (intercity)	25	21	24	26	20	20	18	22	18	17	(4.2)
School	883	937	964	910	915	1,020	749	751	542	538	(5.4)
Charter/Sightseeing ²	131	135	174	152	140	152	140	155	148	143	1.0
Other transit/shuttle	202	189	204	213	206	189	174	231	258	270	3.3
Total	1,312	1,348	1,444	1,385	1,369	1,467	1,166	1,246	1,051	1,058	(2.4)
	(Millions of dollars)										
Revenues by NAICS Industry³											
Urban Transit ¹	5,799	6,660	7,446	9,006	10,564	11,254	12,155	12,340	12,700	12,964	9.4
Interurban (intercity)	595	590	645	707	631	660	661	675	754	741	2.5
School	1,480	1,637	1,618	1,735	1,812	1,933	2,019	2,089	2,131	2,277	4.9
Charter/Sightseeing ²	379	417	519	507	458	478	472	512	583	599	5.2
Other transit/shuttle	171	150	162	184	171	168	209	224	317	329	7.5
Total	8,631	9,638	10,390	12,139	13,635	14,494	15,516	15,839	16,485	16,910	7.8
Revenues by Business Line											
Urban transit services	2,618	2,757	2,941	3,232	3,396	3,608	3,833	4,061	4,334	4,430	6.0
School Bus transportation	1,326	1,402	1,346	1,412	1,456	1,488	1,559	1,548	1,756	1,856	3.8
Charters services	470	542	601	571	524	577	554	602	492	535	1.4
Shuttle & sightseeing services	88	67	99	104	78	148	92	90	566	565	22.9
Scheduled Intercity services	394	394	434	491	433	442	436	457	452	457	1.7
Other passenger bus services	58	99	140	180	205	201	301	378	N/A	N/A	N/A
Other revenues	201	223	205	281	227	581	678	565	639	693	14.8
Parcels express delivery	108	114	110	94	85	85	90	84	76	85	(2.6)
Total (excluding government contributions)	5,263	5,597	5,877	6,366	6,405	7,130	7,544	7,785	8,314	8,622	5.6
Government contributions ⁴	3,368	4,041	4,513	5,773	7,230	7,364	7,973	8,054	8,171	8,288	10.5
Total	8,631	9,638	10,390	12,139	13,635	14,494	15,516	15,839	16,485	16,910	7.8

Notes: R= Revised data. P= Preliminary data. N/A= Not available. CAGR= Compound Annual Growth Rate.

1 Including NAICS 485110 as well as urban transit activity in other industries.

2 Including NAICS 485510 and 487110.

3 NAICS= North American Industry Classification System. The Canadian passenger bus and urban transit industries are covered by 6 categories: 485110 - Urban Transit Systems; 485210 - Interurban and Rural bus transportation; 485410 - School and Employee bus transportation; 485510 - Charter bus industry; 485990 - Other Transit/ Ground Passenger transportation; and finally 487110 - Scenic and Sightseeing Transportation Land.

4 Including operating and capital government contributions for public transit bus services and school bus services.

Sources: Transport Canada, adapted from Statistics Canada, "The Canadian Passenger Bus and Urban Transit Industries", Service Bulletin, Cat. 50-002, various editions and CANSIM, table 408-0005

Table RO15: Long-Term Trends in Urban Transit - Passengers Carried and Vehicle-Kilometres, 2006–2015

	(Millions of passengers)		Urban Transit ² Vehicle-Kilometres
	Intercity ¹ Passengers	Urban Transit ² Passengers	
2006	16.8	1,712.0	959.2
2007	N/A	1,766.3	993.1
2008	N/A	1,830.0	1,070.9
2009	N/A	1,795.0	1,064.9
2010	N/A	1,909.8	1,128.6
2011	N/A	2,000.8	1,173.3
2012	N/A	2,028.5	1,170.3
2013	N/A	2,050.4	1,185.4
2014	N/A	2,072.0	1,191.6
2015	N/A	2,070.0	1,176.3

Notes: N/A= Not Available (information not released by Statistics Canada)

1 Passengers using intercity scheduled services.

2 Passengers carried by urban transit operators only.

Sources: Transport Canada, adapted from Statistics Canada, "The Canadian Passenger Bus and Urban Transit Industries", Service Bulletin, Cat. 50-002, various editions and a special tabulation based on Canadian Urban Transit Association (CUTA)

Table RO16: Urban Transit Fleet Composition, 2006–2015

Vehicle Type	(Number of vehicles)									
	2006	2007	2008 ¹	2009	2010	2011	2012	2013	2014	2015
Standard motor bus	5,158	4,581	3,039 ²	2,535	1,547	983	751	590	394	234
Low floor bus	6,925	7,930	11,122 ³	12,263	13,624	14,209	14,493	15,014	15,494	15,679
Trolley coach	282	278	250	249	249	249	249	249	252	247
Articulated bus	495	510	N/A ⁴	N/A ⁴	N/A ⁴	N/A ⁴	N/A ⁴	N/A ⁴	N/A ⁴	N/A ⁴
Light rail vehicle	613	646	460	466	515	547	592	592	592	619
Heavy rail vehicle	1,437	1,437	1,434	1,434	1,434	1,506	1,596	1,528	1,480	1,552
Commuter rail vehicle	629	659	691	707	714	557	554	574	574	942
Other ⁵	535	531	96	103	111	77	71	74	76	125
Total Vehicles	16,074	16,572	17,092	17,757	18,194	18,128	18,306	18,621	18,862	19,398

Notes: N/A= Not Available.

- 1 New reporting system as of 2008 to diminish the reporting burden for carriers: e.g. Low floor characteristics no longer available as the accessible and non-accessible vehicle concept is confidential.
- 2 Number of non-accessible vehicles (bus), including all types of bus
- 3 Number of accessible vehicles (bus), including all types of bus
- 4 Articulated bus total distributed to accessible and non-accessible vehicles (bus) in the source data
- 5 Including locomotives, ferries and other unspecified.

Source: Special tabulation based on Canadian Urban Transit Association (CUTA)

Table RO17: Average Annual Compensation in the Bus Industry, 2005–2014

	(Current dollars)									
	2005	2006	2007	2008	2009	2010	2011	2012	2013 ^R	2014 ^P
Interurban bus transportation ¹	45,559	52,595	53,157	64,833	61,383	72,085	72,150	77,968	88,450	83,936
School bus transportation ²	21,448	19,943	22,486	23,879	25,210	28,522	28,749	27,898	28,694	27,522
Charter and sightseeing ³	34,922	32,746	38,410	34,989	33,171	38,598	38,055	38,038	37,182	40,319
Other transit-shuttle transportation ⁴	38,524	38,620	41,172	37,620	39,306	34,448	37,528	29,288	41,373	47,821
Urban transit systems ⁵	67,789	72,433	74,883	76,031	78,024	82,046	84,031	89,799	89,226	88,470
Total bus industries average annual compensation⁶	47,670	48,306	52,983	54,540	55,791	60,647	61,244	63,205	64,255	62,720

Notes: R= Revised data. P= Preliminary data. NAICS= North American Industry Classification System.

- 1 Interurban and Rural Bus Transportation, NAICS 485210.
- 2 School and Employee Bus Transportation, NAICS 485410.
- 3 Including 'Charter Bus Industry', NAICS 485510 and 'Scenic and Sightseeing Transportation Land', NAICS 487110.
- 4 Including Shuttle and Other Transit and Ground Passenger Transportation, NAICS 485990.
- 5 Urban Transit Systems, NAICS 485110.
- 6 Average Expenditure per employee.

Source: Statistics Canada, CANSIM Table 408-0007

Table RO18: Selected Provincial Systems Indicators, 2015

	Quebec	Ontario	Alberta	B.C.	Canada
Price levels, (Canada=100)	80.5	119.8	79.4	95.7	100.0
Total unit cost (Canada=100)	80.5	123.9	92.0	76.4	100.0
Cost recovery (in %)	39.4	38.1	34.0	49.3	39.4
Revenue Shortfall per passenger (\$)	2.6	4.1	3.3	2.5	3.3

Source: Transport Canada, based on Statistics Canada and CUTA information