

Transportation in Canada

2019

STATISTICAL ADDENDUM



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Transportation and the Economy

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TRANSPORTATION AND THE ECONOMY

Table EC1: Economic Indicators, 2019

	2019 (level)	2018 to 2019 (percentage change)	2014 to 2018 (CAGR)	2019 Share of total GDP (percentage)
GDP at Basic Prices (millions of constant 2012 dollars)¹				
All industries	1,978,782	1.5	2.0	100.0
Goods-Producing Industries	582,582	(0.7)	1.6	29.4
Manufacturing	202,212	0.2	1.8	10.2
Mining, quarrying, and oil and gas extraction	154,013	(2.9)	2.9	7.8
Construction	142,120	(0.5)	(0.3)	7.2
Agriculture, forestry, fishing and hunting	40,621	0.7	3.0	2.1
Service-Producing Industries	1,396,200	2.4	2.1	70.6
Real estate and rental and leasing	251,127	2.6	2.5	12.7
Wholesale Trade	102,744	2.8	0.6	5.2
Retail trade	102,604	1.0	2.7	5.2
Transportation (core)	75,790	1.1	3.3	3.8
Air transportation	10,120	2.1	7.9	0.5
Rail transportation	8,504	0.6	2.5	0.4
Water transportation	1,786	2.7	(0.2)	0.1
Truck transportation	22,368	0.4	2.6	1.1
Urban transit systems	5,973	2.3	2.4	0.3
Taxi and limousine services	1,193	6.0	2.9	0.1
Other ground and sightseeing	2,250	(1.8)	0.9	0.1
Support activities for transportation	17,235	2.1	5.4	0.9
Postal service and couriers and messengers	6,361	(2.0)	(1.3)	0.3
Pipelines	9,780	1.6	3.5	0.5
Warehousing and storage	3,614	2.2	6.0	0.2
Transportation and warehousing (NAICS)	89,184	1.2	3.4	4.5
GDP at Basic Prices (millions of chained 2012 dollars)¹				
All industries	1,970,073	1.6	1.8	
Goods-producing sector	572,816	(0.9)	1.2	
Service-producing sector	1,394,407	2.5	2.1	
Transportation and Warehousing (NAICS)	88,745	1.1	3.3	
Air transportation	10,119	2.0	7.9	
Rail transportation	8,454	0.4	2.3	
Water transportation	1,771	3.4	(0.6)	
Truck transportation	22,234	0.5	2.5	
Real GDP (millions of 2012 chained dollars)²	2,091,793	1.6	1.7	
Merchandise Trade (Customs basis, millions of current dollars)³				
Exports	593,224	1.5	2.6	
Imports	601,478	0.9	3.9	
Services Trade (Balance of Payments basis, millions of current dollars)⁴				
Transportation services				
Receipts (exports)	18,665	3.2	4.5	
Payments (imports)	32,099	0.8	6.2	
Travel services				
Receipts (exports)	35,584	4.1	9.5	
Payments (imports)	46,152	3.5	1.8	
Tourism Indicators (Thousands of persons)⁵				
Canadian residents returning from abroad	56,149	(0.3)	(3.0)	
U.S. visitors to Canada	24,979	2.3	4.7	
Non-U.S. visitors to Canada	7,464	8.8	7.1	
Canadian Dollar, Foreign Exchange (CDN cents per US\$)⁶	132.69	2.4	4.1	
Population (Thousands)⁷	37,589	0.9	1.1	
Employment (Thousands)⁸	19,056	2.1	1.2	

Table EC1 continues on the next page

	2019 (level)	2018 to 2019 (percentage change)	2014 to 2018 (CAGR)
Household Income and Consumption (current dollars)			
Household disposable income per capita ⁹	34,278	2.9	2.2
Household final consumption per capita (total) ¹⁰	34,497	1.8	2.5
Household final consumption per capita (transportation) ¹⁰	5,474	(0.5)	3.1
Price indices			
GDP implicit deflator (2012=100) ²	110.1	1.9	1.0
Terms of trade (2012 = 100) ¹¹	89.6	(6.9)	(1.9)
Consumer Price Index (2002=100) ¹²			
All-items	136.0	1.9	1.6
Transportation	141.5	1.8	1.6

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

Sources:

- 1 Statistics Canada, Table 36-10-0434-01
- 2 Statistics Canada, Table 36-10-0104-01
- 3 Transport Canada, adapted from Statistics Canada, International Trade Database
- 4 Statistics Canada, Table 12-10-0134-01
- 5 Statistics Canada, Table 24-10-0041-01
- 6 Bank of Canada Annual Exchange Rates
- 7 Statistics Canada, Table 17-10-0009-01
- 8 Statistics Canada, Table 14-10-0327-01
- 9 Derived from Statistics Canada, Tables 36-10-0112-01 and 17-10-0009-01
- 10 Derived from Statistics Canada, Tables 36-10-0124-01 and 17-10-0009-01. Includes transport insurance.
- 11 Statistics Canada, Table 12-10-0128-01. Calculated based on merchandise trade, customs, unadjusted, Laspeyres basis.
- 12 Statistics Canada, Table 18-10-0004-01

Table EC2: Transportation Sector GDP and GDP Shares by Province and Territory, 2016

Province	Transport Sector ¹ GDP (millions of current dollars)	Share of National Total	Transport Share of Overall Prov./Terr. GDP
Newfoundland and Labrador	961.2	1.3	3.3
Prince Edward Island	202.2	0.3	3.5
Nova Scotia	1,216.2	1.6	3.2
New Brunswick	1,457.6	1.9	4.7
Quebec	15,571.1	20.8	4.2
Ontario	27,205.0	36.3	3.7
Manitoba	3,036.8	4.0	4.9
Saskatchewan	1,978.8	2.6	2.8
Alberta	10,341.8	13.8	3.5
British Columbia	12,646.1	16.9	5.2
Yukon	84.8	0.1	3.2
Northwest Territories	247.3	0.3	5.7
Nunavut	69.1	0.1	2.7
Total	75,018.0	100.0	

Notes: GDP= Gross Domestic Product. Current dollar estimates.

1 Transport Sector, excluding both Pipelines & Warehousing and Storage.

Source: Statistics Canada, Table 36-10-0402-01

Table EC3: Aggregate Household Final Consumption Expenditures on Transportation, 2019

	<i>2019 (millions of current dollars)</i>	<i>Per cent share of transportation expenses</i>	<i>Per cent change (2018 to 2019)</i>	<i>CAGR (2014 to 2018)</i>
New and Used Transportation Equipment				
New passenger cars	14,838	7.2	(15.2)	(2.9)
New trucks, vans and sport utility vehicles	47,983	23.3	4.5	10.2
Used motor vehicles	19,823	9.6	5.8	8.5
Other vehicles	3,435	1.7	3.8	3.7
Subtotal	86,079	41.8	0.7	6.2
Fuels and lubricants	45,557	22.1	(4.1)	0.8
Repair and Maintenance (including parts)				
Spare parts and accessories for vehicles	19,120	9.3	3.8	5.7
Maintenance and repair of vehicles	11,823	5.7	4.2	4.4
Subtotal	30,943	15.0	4.0	5.2
Other Motor Vehicle Related Services				
Passenger vehicle renting	1,381	0.7	5.2	3.0
Insurance related to transport	8,043	3.9	4.9	3.2
Parking	3,463	1.7	4.8	4.7
Other services related to the operation of transport equipment	2,726	1.3	3.7	4.7
Subtotal	15,613	7.6	4.7	3.8
Commercial Transportation				
Urban transit	4,885	2.4	3.4	3.2
Railway transport	346	0.2	5.2	8.8
Interurban bus	1,012	0.5	(13.7)	(2.2)
Air transport	16,297	7.9	7.0	6.0
Water transport	506	0.2	2.6	4.1
Taxi and limousine	1,417	0.7	5.4	3.4
Other transport services	3,113	1.5	3.7	3.5
Subtotal	27,576	13.4	4.9	4.6
Total Household Expenditures on Transportation (including insurance)	205,768	100.0	0.9	4.3

Note: CAGR= Compound Annual Growth Rate.

Source: Statistics Canada, Table 36-10-0124-01

Table EC4: Volume of Goods in Domestic Trade, by Sector and Mode of Transport, 2009–2018

(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>
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	N/A	N/A	550.8	89.8	10.2	N/A	N/A
2013	518.3	56.6	N/A	N/A	574.9	90.2	9.8	N/A	N/A
2014	550.2	53.5	N/A	N/A	603.7	91.1	8.9	N/A	N/A
2015	545.3	53.0	N/A	N/A	598.3	91.1	8.9	N/A	N/A
2016	579.0	49.8	N/A	N/A	628.8	92.1	7.9	N/A	N/A
2017	569.7	52.7	N/A	N/A	622.4	91.5	8.5	N/A	N/A
2018 ^P	574.8	52.2	N/A	N/A	627.0	91.7	8.3	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>
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	N/A	N/A	204.6	38.4	61.6	N/A	N/A
2013	74.6	120.4	N/A	N/A	195.0	38.3	61.7	N/A	N/A
2014	78.0	128.4	N/A	N/A	206.4	37.8	62.2	N/A	N/A
2015	81.9	132.4	N/A	N/A	214.3	38.2	61.8	N/A	N/A
2016	74.0	130.7	N/A	N/A	204.7	36.2	63.8	N/A	N/A
2017	84.4	133.6	N/A	N/A	218.0	38.7	61.3	N/A	N/A
2018 ^P	84.5	136.3	N/A	N/A	220.8	38.3	61.7	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>
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	N/A	0.5	755.8	75.8	24.1	N/A	0.1
2013	592.9	177.0	N/A	0.5	770.4	77.0	23.0	N/A	0.1
2014	628.3	181.9	N/A	0.5	810.7	77.5	22.4	N/A	0.1
2015	627.2	185.4	N/A	0.5	813.1	77.1	22.8	N/A	0.1
2016	653.0	180.5	N/A	0.5	834.0	78.3	21.6	N/A	0.1
2017	654.2	186.3	N/A	0.6	841.0	77.8	22.1	N/A	0.1
2018 ^P	659.3	188.5	N/A	0.6	848.4	77.7	22.2	N/A	0.1

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

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

Table EC5: Modal Shares in Canada's International Trade, 2010–2019

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>
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	526,773	184,666	80,376	98,602	55,003	108,127	35.1	15.3	18.7	10.4	20.5
2015	524,066	211,852	83,640	93,337	59,075	76,163	40.4	16.0	17.8	11.3	14.5
2016	516,772	223,559	81,841	89,314	58,811	63,248	43.3	15.8	17.3	11.4	12.2
2017 ^R	546,087	219,943	84,270	101,564	60,101	80,208	40.3	15.4	18.6	11.0	14.7
2018 ^R	584,354	226,112	92,186	113,279	63,351	89,427	38.7	15.8	19.4	10.8	15.3
2019 ^P	593,224	233,922	87,852	109,709	69,814	91,926	39.4	14.8	18.5	11.8	15.5

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>
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	512,200	275,976	45,821	111,848	61,980	16,575	53.9	8.9	21.8	12.1	3.2
2015	536,152	298,872	43,830	111,940	69,321	12,187	55.7	8.2	20.9	12.9	2.3
2016	533,251	295,386	46,436	107,203	66,935	17,291	55.4	8.7	20.1	12.6	3.2
2017 ^R	562,029	306,079	51,881	116,624	70,571	16,874	54.5	9.2	20.8	12.6	3.0
2018 ^R	595,963	313,711	51,279	138,210	75,636	17,127	52.6	8.6	23.2	12.7	2.9
2019 ^P	601,478	317,424	52,455	136,794	79,800	15,005	52.8	8.7	22.7	13.3	2.5

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>
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	1,038,973	460,642	126,196	210,450	116,983	124,701	44.3	12.1	20.3	11.3	12.0
2015	1,060,218	510,724	127,470	205,277	128,396	88,350	48.2	12.0	19.4	12.1	8.3
2016	1,050,023	518,944	128,276	196,517	125,746	80,539	49.4	12.2	18.7	12.0	7.7
2017 ^R	1,108,116	526,023	136,151	218,188	130,672	97,081	47.5	12.3	19.7	11.8	8.8
2018 ^R	1,180,318	539,823	143,465	251,489	138,987	106,554	45.7	12.2	21.3	11.8	9.0
2019 ^P	1,194,702	551,346	140,307	246,503	149,614	106,931	46.1	11.7	20.6	12.5	9.0

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, 2010–2019

Canadian Exports to the U.S.											
(Millions of dollars)											
	Total Exports¹						Share of Total (%)				
	<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>
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	404,711	179,605	78,288	22,516	16,892	107,410	44.4	19.3	5.6	4.2	26.5
2015	402,171	206,382	81,181	19,174	19,824	75,610	51.3	20.2	4.8	4.9	18.8
2016	394,183	217,654	79,218	15,192	19,004	63,116	55.2	20.1	3.9	4.8	16.0
2017 ^R	414,184	214,457	81,613	19,405	18,562	80,147	51.8	19.7	4.7	4.5	19.4
2018 ^R	437,949	219,763	89,480	20,257	19,076	89,374	50.2	20.4	4.6	4.4	20.4
2019 ^P	447,220	226,308	85,636	22,090	21,302	91,884	50.6	19.1	4.9	4.8	20.5

Canadian Imports from the U.S.											
(Millions of dollars)											
	Total Imports²						Share of Total (%)				
	<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>
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	278,510	191,932	36,342	19,936	17,307	12,993	68.9	13.0	7.2	6.2	4.7
2015	285,345	204,636	33,794	16,106	20,769	10,039	71.7	11.8	5.6	7.3	3.5
2016	278,206	199,903	37,326	8,751	19,324	12,902	71.9	13.4	3.1	6.9	4.6
2017 ^R	288,857	203,129	40,752	10,131	19,197	15,648	70.3	14.1	3.5	6.6	5.4
2018 ^R	304,606	208,557	40,696	17,880	21,569	15,904	68.5	13.4	5.9	7.1	5.2
2019 ^P	304,910	208,404	41,572	18,845	21,778	14,311	68.3	13.6	6.2	7.1	4.7

Total Canada-U.S. Trade											
(Millions of dollars)											
	Total Exports and Imports						Share of Total (%)				
	<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>
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	683,220	371,537	114,630	42,452	34,199	120,403	54.4	16.8	6.2	5.0	17.6
2015	687,516	411,018	114,975	35,280	40,593	85,649	59.8	16.7	5.1	5.9	12.5
2016	672,390	417,557	116,544	23,943	38,328	76,018	62.1	17.3	3.6	5.7	11.3
2017 ^R	703,041	417,586	122,365	29,536	37,759	95,795	59.4	17.4	4.2	5.4	13.6
2018 ^R	742,555	428,319	130,176	38,137	40,644	105,278	57.7	17.5	5.1	5.5	14.2
2019 ^P	752,131	434,712	127,208	40,935	43,080	106,195	57.8	16.9	5.4	5.7	14.1

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, 2010–2019

Canadian Exports to Other Countries (excluding the U.S.)											
(Millions of dollars)											
	----- Total Exports ¹ -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	122,062	5,061	2,088	76,085	38,111	717	4.1	1.7	62.3	31.2	0.6
2015	121,895	5,470	2,459	74,163	39,251	553	4.5	2.0	60.8	32.2	0.5
2016	122,588	5,905	2,623	74,122	39,807	133	4.8	2.1	60.5	32.5	0.1
2017 ^R	131,902	5,486	2,657	82,159	41,539	61	4.2	2.0	62.3	31.5	0.0
2018 ^R	146,406	6,349	2,706	93,021	44,275	53	4.3	1.8	63.5	30.2	0.0
2019 ^P	146,003	7,615	2,216	87,619	48,511	42	5.2	1.5	60.0	33.2	0.0

Canadian Imports from Other Countries (excluding the U.S.)											
(Millions of dollars)											
	----- Total Imports ² -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	233,690	84,044	9,479	91,913	44,673	3,582	36.0	4.1	39.3	19.1	1.5
2015	250,807	94,236	10,037	95,834	48,552	2,148	37.6	4.0	38.2	19.4	0.9
2016	255,045	95,483	9,110	98,453	47,611	4,389	37.4	3.6	38.6	18.7	1.7
2017 ^R	273,172	102,950	11,130	106,493	51,373	1,226	37.7	4.1	39.0	18.8	0.4
2018 ^R	291,357	105,154	10,582	120,330	54,068	1,223	36.1	3.6	41.3	18.6	0.4
2019 ^P	296,568	109,020	10,883	117,949	58,022	694	36.8	3.7	39.8	19.6	0.2

Total Canada-Other Countries Trade											
(Millions of dollars)											
	----- Total Exports and Imports -----						----- Share of Total (%) -----				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	355,752	89,105	11,566	167,998	82,784	4,299	25.0	3.3	47.2	23.3	1.2
2015	372,702	99,706	12,495	169,997	87,803	2,701	26.8	3.4	45.6	23.6	0.7
2016	377,633	101,388	11,732	172,574	87,418	4,522	26.8	3.1	45.7	23.1	1.2
2017 ^R	405,074	108,436	13,786	188,652	92,913	1,287	26.8	3.4	46.6	22.9	0.3
2018 ^R	437,763	111,504	13,289	213,352	98,343	1,276	25.5	3.0	48.7	22.5	0.3
2019 ^P	442,571	116,634	13,099	205,568	106,534	736	26.4	3.0	46.4	24.1	0.2

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, 2018–2019

(Millions of dollars)

Canadian Region	U.S. Region ¹	Exports	Imports	Total	Total	Percentage	Share of	Main Modes Used
		from Canada	to Canada	Trade 2019 ^P	Trade 2018 ^R	Change 2019/18	Total (%) 2019	(Per cent of total value) 2019 ^P
Ontario	Central	91,690	92,597	184,287	182,802	0.8	24.5	Road (75), Rail (20)
Ontario	South	36,281	53,658	89,939	87,173	3.2	12.0	Road (73), Rail (18)
Ontario	North-East	32,504	32,244	64,747	64,259	0.8	8.6	Road (85), Air (9)
Alberta	Central	54,141	7,374	61,515	62,749	(2.0)	8.2	Pipeline (85), Rail (9)
Ontario	West	39,096	15,616	54,712	51,777	5.7	7.3	Road (51), Rail (37)
Quebec	North-East	26,105	9,127	35,232	35,066	0.5	4.7	Road (73), Air (9)
Quebec	South	20,076	14,325	34,401	31,753	8.3	4.6	Road (49), Marine (24)
Manitoba and Saskatchewan	Central	13,975	16,438	30,412	30,499	(0.3)	4.0	Road (60), Pipeline (22)
Alberta	West	23,019	4,769	27,788	25,656	8.3	3.7	Pipeline (48), Road (27)
Alberta	South	21,127	4,740	25,866	28,371	(8.8)	3.4	Rail (44), Pipeline (33)
British Columbia	West	12,359	12,341	24,700	26,267	(6.0)	3.3	Road (71), Pipeline (13)
Quebec	Central	14,668	5,950	20,618	20,939	(1.5)	2.7	Road (61), Air (15)
Atlantic provinces	North-East	16,817	1,855	18,671	17,533	6.5	2.5	Marine (62), Road (29)
Manitoba and Saskatchewan	South	7,159	7,981	15,139	14,430	4.9	2.0	Road (60), Rail (23)
Subtotal		409,016	279,013	688,029	679,272	1.3	91.5	
Other		38,204	25,897	64,102	63,282	1.3	8.5	
Total Canada/U.S.		447,220	304,910	752,131	742,555	1.3	100.0	Road (58), 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, 2019

(Millions of dollars)

<i>Total Exports¹</i> <i>Regions of Destination</i>	Origin³		<i>Total</i> <i>2019^P</i>	<i>Main Modes Used</i> <i>(per cent of total value)</i>
	<i>Eastern</i> <i>Provinces</i>	<i>Western</i> <i>Provinces</i>		
United States	293,542	153,678	447,220	Road (51), Pipeline (21)
Other Regions	88,827	57,177	146,003	Marine (60), Air (33)
Asia	24,362	37,374	61,736	Marine (79), Air (20)
Western Europe	42,435	7,280	49,716	Air (56), Marine (44)
Latin America	9,082	6,242	15,324	Marine (43), Road (29)
Middle East	6,551	2,226	8,776	Marine (56), Air (24)
Africa	2,088	2,062	4,150	Marine (63), Air (35)
Eastern Europe	2,677	742	3,419	Marine (48), Air (47)
Oceania	1,608	1,249	2,858	Marine (46), Air (36)
Other	24	2	25	Marine (82), Air (14)
Total	382,369	210,855	593,224	

<i>Total Imports²</i> <i>Regions of Origin</i>	Destination³		<i>Total</i> <i>2019^P</i>	<i>Main Modes Used</i> <i>(Per cent of total value)</i>
	<i>Eastern</i> <i>Provinces</i>	<i>Western</i> <i>Provinces</i>		
United States	237,980	66,930	304,910	Road (68), Rail (13)
Other Regions	242,543	54,024	296,568	Marine (40), Road (37)
Asia	103,352	32,557	135,909	Marine (44), Road (40)
Western Europe	68,092	9,697	77,789	Marine (46), Air (31)
Latin America	46,932	7,285	54,217	Road (56), Air (15)
Eastern Europe	8,278	983	9,260	Marine (59), Air (20)
Middle East	7,656	676	8,332	Marine (66), Air (22)
Other	3,657	867	4,524	Road (64), Air (34)
Africa	3,081	278	3,359	Marine (54), Air (22)
Oceania	1,495	1,681	3,176	Road (45), Marine (42)
Total	480,524	120,954	601,478	

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, 2018–2019

(Millions of dollars)

<i>Countries</i>	<i>Total Exports</i>	<i>Ranking</i>	<i>Total Imports</i>	<i>Ranking</i>	<i>Total Trade 2019^P</i>	<i>Ranking</i>	<i>Country Share in %</i>	<i>Cumulative Share in %</i>	<i>Total Trade 2018^R</i>	<i>Percentage Change 2019/2018</i>
United States	447,220	1	304,910	1	752,131	1	63.0	63.0	742,555	1.3
China, People's Republic	23,269	2	75,032	2	98,301	2	8.2	71.2	103,259	(4.8)
Mexico	7,320	5	36,950	3	44,269	3	3.7	74.9	45,029	(1.7)
Japan	12,609	4	16,529	5	29,137	4	2.4	77.3	29,795	(2.2)
United Kingdom	19,808	3	9,241	8	29,049	5	2.4	79.8	25,811	12.5
Germany	6,296	6	19,287	4	25,583	6	2.1	81.9	23,922	6.9
South Korea	5,524	7	9,671	6	15,196	7	1.3	83.2	15,318	(0.8)
Italy	3,242	12	9,469	7	12,710	8	1.1	84.2	12,109	5.0
France	3,637	11	8,693	9	12,330	9	1.0	85.3	10,635	15.9
India	4,846	9	5,284	13	10,131	10	0.8	86.1	9,425	7.5
Netherlands	5,184	8	4,665	16	9,848	11	0.8	86.9	9,278	6.2
Belgium	3,219	13	4,963	14	8,182	12	0.7	87.6	8,238	(0.7)
Taiwan	2,041	18	5,971	11	8,012	13	0.7	88.3	7,876	1.7
Vietnam	994	26	6,987	10	7,981	14	0.7	89.0	6,468	23.4
Brazil	2,254	16	5,399	12	7,653	15	0.6	89.6	7,700	(0.6)
Switzerland	1,434	24	4,947	15	6,381	16	0.5	90.1	6,464	(1.3)
Saudi Arabia	2,819	14	3,295	21	6,114	17	0.5	90.7	5,694	7.4
Spain	1,504	22	3,497	20	5,000	18	0.4	91.1	5,120	(2.3)
Thailand	898	28	3,745	18	4,643	19	0.4	91.5	4,342	6.9
Australia	2,258	15	2,338	24	4,596	20	0.4	91.8	4,153	10.7
Canada ¹			4,516	17	4,516	21	0.4	92.2	4,387	2.9
Hong Kong	4,020	10	379	61	4,399	22	0.4	92.6	4,249	3.5
Peru	768	32	3,590	19	4,359	23	0.4	93.0	2,177	100.2
Ireland	843	30	3,020	22	3,863	24	0.3	93.3	3,757	2.8
Indonesia	1,930	19	1,815	31	3,745	25	0.3	93.6	3,907	(4.1)
Other countries	29,286		47,287		76,573		6.4	100.0	78,648	(2.6)
Grand Total Trade	593,224		601,478		1,194,702		100.0		1,180,318	1.2
Total "Next 11"	21,610		62,808		84,418				82,706	2.1
Total APEC	513,965		482,409		996,373				988,346	0.8
Total BRIC	31,036		87,578		118,614				122,429	(3.1)
Total EU	48,303		77,364		125,667				118,597	6.0
Total OECD	529,759		463,827		993,586				979,363	1.5

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, 2016–2017

	(Thousands of person-visits)						Percentage Change 2017/16	Per Cent of Total 2017
	Same Day		Overnight		Total			
	2016	2017	2016	2017	2016	2017		
United States	28,228	29,320	25,993	26,905	54,221	56,225	3.7	73.8
New York	6,507	6,726	3,086	3,210	9,593	9,936	3.6	13.0
Washington	6,448	6,573	2,509	2,503	8,957	9,076	1.3	11.9
Michigan	5,763	6,039	1,323	1,354	7,086	7,393	4.3	9.7
Florida	220	159	3,345	3,448	3,565	3,607	1.2	4.7
Maine	2,111	2,086	745	740	2,856	2,826	(1.1)	3.7
Other	7,179	7,737	14,985	15,650	22,164	23,387	5.5	30.7
Europe	1,088	1,185	6,674	7,443	7,762	8,628	11.2	11.3
United Kingdom	121	118	1,261	1,490	1,382	1,608	16.4	2.1
France	122	121	1,150	1,262	1,272	1,383	8.7	1.8
Germany	158	186	578	634	736	820	11.4	1.1
Italy	118	113	487	516	605	629	4.0	0.8
Spain	16	14	450	503	466	517	10.9	0.7
Netherlands	87	111	280	332	367	443	20.7	0.6
Ireland	1	1	274	285	275	286	4.0	0.4
Portugal	51	50	200	211	251	261	4.0	0.3
Other	414	471	1,994	2,210	2,408	2,681	11.3	3.5
Africa	138	138	658	725	796	863	8.4	1.1
South Africa	22	33	145	183	167	216	29.3	0.3
Other	116	105	513	542	629	647	2.9	0.8
Asia and Oceania	159	164	2,752	3,100	2,911	3,264	12.1	4.3
China	1	7	497	500	498	507	1.8	0.7
India	7	7	247	308	254	315	24.0	0.4
Hong Kong	9	5	271	282	280	287	2.5	0.4
Australia	3	2	208	222	211	224	6.2	0.3
Japan	23	38	100	127	123	165	34.1	0.2
Thailand	28	32	100	116	128	148	15.6	0.2
Other	88	73	1,329	1,545	1,417	1,618	14.2	2.1
Caribbean	742	667	2,935	2,911	3,677	3,578	(2.7)	4.7
Cuba	0	0	858	881	858	881	2.7	1.2
Dominican Republic	44	44	505	512	549	556	1.3	0.7
Bahamas	133	117	224	197	357	314	(12.0)	0.4
Jamaica	87	57	221	231	308	288	(6.5)	0.4
Barbados	25	28	172	163	197	191	(3.0)	0.3
Other	453	421	955	927	1,408	1,348	(4.3)	1.8
Mexico, Central and South America	526	406	3,193	3,210	3,719	3,616	(2.8)	4.7
Mexico	222	187	2,033	2,053	2,255	2,240	(0.7)	2.9
Costa Rica	64	43	181	191	245	234	(4.5)	0.3
Peru	0	0	142	142	142	142	0.0	0.2
Other	240	176	837	824	1,077	1,000	(7.1)	1.3
Total non-US	2,653	2,560	16,212	17,389	18,865	19,949	5.7	26.2
Grand Total	30,881	31,880	42,205	44,294	73,086	76,174	4.2	100.0

Notes: Including side trips from the United States.

Source: Statistics Canada, International Travel Survey unpublished data

Table EC12: Canada - United States Travel, by Mode of Transport and by Purpose, 2017

(Thousands of person-trips)

	----- Same Day -----			----- Overnight -----			Trip Duration (Percentage)		
	Primary Trip Purpose			Primary Trip Purpose			Same Day	Overnight	
	Total	Non-business	Business	Total	Non-business	Business			Total
Canadian Residents									
Automobile	32,183	20,208	1,273	21,481	10,153	549	10,702	66.7	33.3
Airplane	8,566	13	29	42	5,606	2,918	8,524	0.5	99.5
Bus	827	315	10	325	485	17	502	39.3	60.7
Rail	31	0	0	0	30	1	31	0.0	100.0
Boat	156	3	0	3	149	4	153	1.9	98.1
Other modes	343	43	2	45	288	10	298	13.1	86.9
Total	42,106	20,582	1,314	21,896	16,711	3,499	20,210	52.0	48.0
U.S. Residents									
Automobile	16,188	7,593	607	8,200	7,605	383	7,988	50.7	49.3
Airplane	5,660	496	387	883	2,472	2,305	4,777	15.6	84.4
Bus	899	492	3	495	373	31	404	55.1	44.9
Rail	140	26	0	26	103	11	114	18.6	81.4
Boat	1,021	402	5	407	598	16	614	39.9	60.1
Other modes	427	21	25	46	325	56	381	10.8	89.2
Total	24,335	9,030	1,027	10,057	11,476	2,802	14,278	41.3	58.7
Canadian and U.S. Residents									
Automobile	48,371	27,801	1,880	29,681	17,758	932	18,690	61.4	38.6
Airplane	14,226	509	416	925	8,078	5,223	13,301	6.5	93.5
Bus	1,726	807	13	820	858	48	906	47.5	52.5
Rail	171	26	0	26	133	12	145	15.2	84.8
Boat	1,177	405	5	410	747	20	767	34.8	65.2
Other modes	770	64	27	91	613	66	679	11.8	88.2
Total	66,441	29,612	2,341	31,953	28,187	6,301	34,488	48.1	51.9

Source: Statistics Canada, International Travel Survey unpublished data

Table EC13: Overseas Travel, by Mode of Transport and by Purpose, 2017

(Thousands of person-trips)

	----- Same Day -----			----- Overnight -----			Trip Duration (Percentage)		
	Primary Trip Purpose			Primary Trip Purpose			Same Day	Overnight	
	Total	Non-business	Business	Total	Non-business	Business			Total
Canadian Residents									
Automobile	7	0	0	0	6	1	7	0.0	100.0
Airplane	12,809	0	0	0	9,577	3,232	12,809	0.0	100.0
Boat	34	0	0	0	33	1	34	0.0	100.0
Total	12,850	0	0	0	9,616	3,234	12,850	0.0	100.0
Foreign Residents¹									
Automobile	498	22	3	25	398	75	473	5.0	95.0
Airplane	5,813	300	9	309	4,630	874	5,504	5.3	94.7
Bus	113	3	0	3	102	8	110	2.7	97.3
Rail	35	0	0	0	35	0	35	0.0	100.0
Boat	132	19	0	19	104	9	113	14.4	85.6
Other modes	69	4	2	6	48	15	63	8.7	91.3
Total	6,660	348	14	362	5,317	981	6,298	5.4	94.6
Canadian and Foreign Residents									
Automobile	505	22	3	25	404	76	480	5.0	95.0
Airplane	18,622	300	9	309	14,207	4,106	18,313	1.7	98.3
Bus	113	3	0	3	102	8	110	2.7	97.3
Rail	35	0	0	0	35	0	35	0.0	100.0
Boat	166	19	0	19	137	10	147	11.4	88.6
Other modes	69	4	2	6	48	15	63	8.7	91.3
Total	19,510	348	14	362	14,933	4,215	19,148	1.9	98.1

Note:

1 Excludes U.S. residents

Source: Statistics Canada, International Travel Survey unpublished data

Table EC14: Employment in the Transportation Sector, 2010–2019

	(Number of people)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Transportation and related services										
Scheduled air transportation	51,829	52,498	54,490	56,026	57,627	57,470	59,344	61,698	59,428	61,962
Non-scheduled air transportation	11,945	11,940	12,085	12,301	12,323	12,760	12,137	11,674	11,646	12,698
Support activities for air transportation	24,409	26,584	28,050	28,201	29,722	30,775	30,916	31,447	32,192	32,700
Subtotal for air transportation and support activities	88,183	91,022	94,625	96,528	99,672	101,005	102,397	104,819	103,266	107,360
Marine shipping and support activities¹	18,535	19,486	18,967	22,745	23,846	21,699	22,594	21,747	25,366	25,431
Rail transportation	36,466	37,286	38,095	37,607	37,073	37,456	37,437	37,203	36,889	35,744
Support activities for rail transportation	2,792	2,615	2,620	2,947	3,727	4,039	4,370	3,479	3,913	3,989
Subtotal for rail	39,258	39,901	40,715	40,554	40,800	41,495	41,807	40,682	40,802	39,733
Truck transportation	170,025	175,518	182,446	189,381	192,924	195,965	195,841	200,821	206,137	208,495
Support activities for road transportation	21,801	21,807	22,864	23,615	24,134	24,707	26,614	27,169	28,002	28,610
Post office plus private couriers and messengers ¹	120,269	116,022	122,898	117,681	108,672	107,673	110,238	106,665	120,888	125,743
Waste collection ²	11,037	10,576	12,373	12,849	13,953	15,110	15,702	16,631	19,191	19,443
Subtotal for trucking and related activities²	323,132	323,923	340,581	343,526	339,683	343,455	348,395	351,286	374,218	382,291
Urban transit systems	57,378	58,794	59,540	61,309	60,918	61,396	63,124	62,159	63,154	65,317
School and employee bus transportation	32,607	31,487	32,230	32,825	33,487	33,433	33,779	34,645	35,331	35,906
Interurban and rural bus transportation	3,685	4,329	5,138	5,657	4,974	4,915	4,865	4,284	4,066	3,741
Charter bus industry	4,884	5,010	5,030	5,172	4,945	4,899	4,965	5,239	5,590	5,687
Other transit and ground passenger transportation	4,347	4,348	4,349	4,350	4,351	4,352	4,353	4,354	4,355	4,356
Subtotal for buses and urban transit	102,901	103,968	106,287	109,313	108,675	108,995	111,086	110,681	112,496	115,007
Taxi and limousine service	11,572	11,952	11,880	11,727	11,708	11,425	10,994	11,010	10,752	10,786
Logistics and other freight support services	37,274	38,037	39,065	39,333	40,817	41,714	42,214	41,517	43,448	45,054
Travel arrangement and sightseeing services ^{1,2}	38,714	40,655	39,060	38,740	39,442	40,619	38,505	40,661	37,624	40,868
Subtotal for arrangement and other support services²	87,560	90,644	90,005	89,800	91,967	93,758	91,713	93,188	91,824	96,708
Self-employment ¹	140,366	144,200	146,184	157,279	176,265	181,223	179,151	173,895	172,194	206,059
Total - Transportation and related services	799,935	813,144	837,364	859,745	880,908	891,630	897,143	896,298	920,166	972,589
<i>NAICS Transportation and warehousing employment not included above³</i>	<i>55,549</i>	<i>51,423</i>	<i>50,398</i>	<i>46,706</i>	<i>40,888</i>	<i>42,366</i>	<i>45,662</i>	<i>60,996</i>	<i>84,212</i>	<i>73,150</i>
Transportation manufacturing, commercial services and construction										
Aerospace product and parts manufacturing	43,286	44,324	46,440	47,613	49,303	47,259	45,683	43,980	46,540	51,349
Ship and boat building	6,580	6,045	6,457	6,480	6,482	6,876	7,233	7,872	8,128	8,252
Railroad rolling stock manufacturing	3,462	4,016	3,703	3,354	3,461	4,150	3,889	3,771	3,545	4,358
Motor vehicle manufacturing	37,188	37,401	37,207	38,880	40,161	41,417	43,209	43,673	44,122	44,277
Parts and other motor vehicle manufacturing	72,187	74,415	77,980	78,534	81,339	83,987	83,666	87,266	92,851	90,356
Other transportation equipment manufacturing	6,273	6,568	6,535	7,114	6,415	7,434	8,221	9,099	9,914	10,541
Subtotal for transportation equipment manufacturing	168,976	172,769	178,322	181,975	187,161	191,123	191,901	195,661	205,100	209,133
Motor vehicle wholesalers	57,707	60,123	62,031	62,404	63,801	65,047	63,300	62,319	63,476	65,035
Motor vehicle retailers	182,626	185,202	189,159	196,118	204,593	207,295	210,853	215,736	222,013	226,409
Transport equipment rental and leasing ⁴	24,035	24,417	25,043	26,038	27,064	28,065	27,613	28,123	28,268	29,069
Gasoline stations	80,531	80,281	78,885	78,536	80,838	81,642	82,565	84,048	84,704	83,269
Automotive repair and maintenance	93,200	94,978	96,657	98,120	101,628	104,485	106,024	108,517	111,572	113,787
Subtotal for transportation-related commercial services	438,099	445,001	451,775	461,216	477,924	486,534	490,355	498,743	510,033	517,569
Highway, street and bridge construction	56,552	57,187	59,563	57,812	56,302	54,850	54,441	53,301	53,937	53,938
Total - Transportation manufacturing, commercial services and construction	663,627	674,957	689,660	701,003	721,387	732,507	736,697	747,705	769,070	780,640

Notes: NAICS= North American Industry Classification System

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

1 Transport Canada estimate.

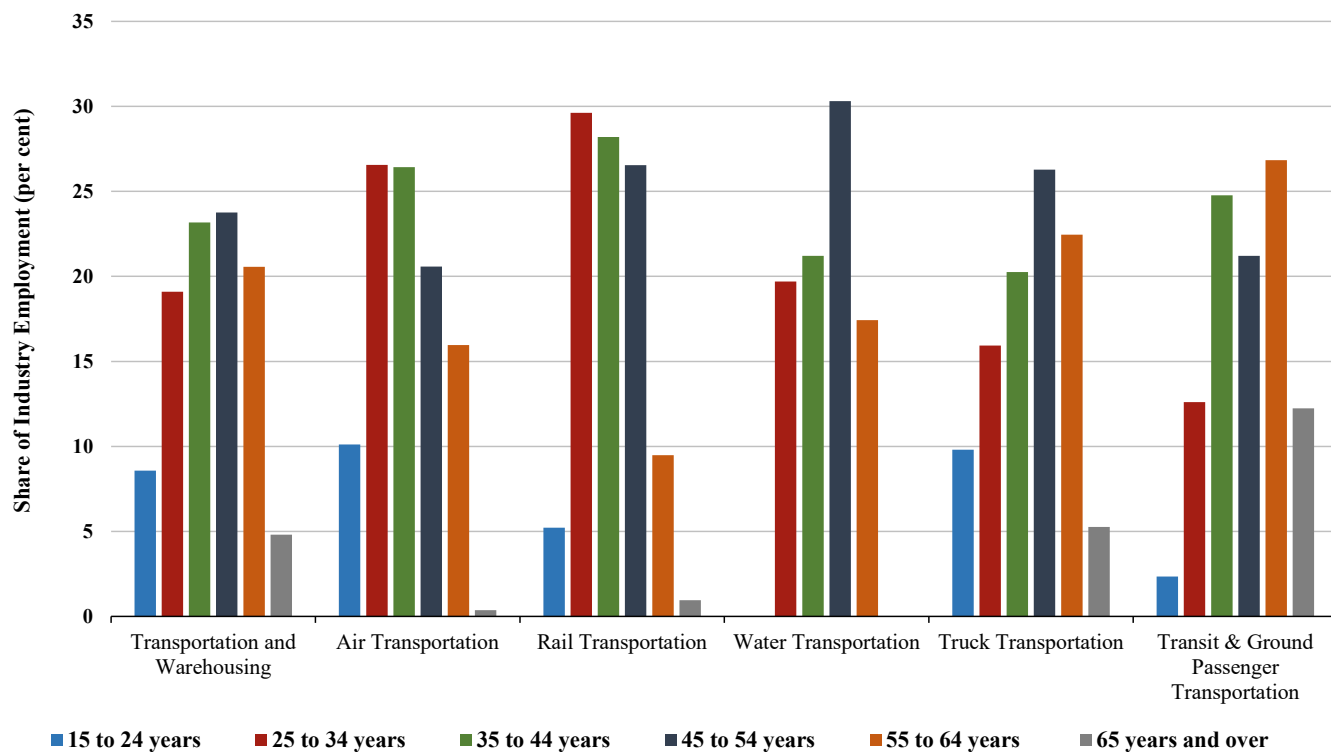
2 Includes employment from sectors outside of NAICS 48-49 Transportation and warehousing.

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.

Sources: Transport Canada estimates derived from Statistics Canada, Tables 14-10-0202-01 and 14-10-0027-01 and other sources

Figure EC15: Labour in Transportation Modes in Canada, by Age Range, 2019



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

Table EC16: Average Weekly Earnings¹ by Selected Industries, 2010–2019

	(Current Dollars)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Transportation and Warehousing²	879	914	928	969	1,001	1,027	1,010	1,034	1,035	1,091
Air transportation										
Scheduled air transportation	1,026	1,012	1,063	1,097	1,100	1,199	1,065	1,163	1,064	1,217
Non-scheduled air transportation	1,041	1,100	1,100	1,150	1,181	1,247	1,122	1,198	1,187	1,268
Support activities for air transportation	N/A	1,200	1,153	1,207	1,199	1,247	1,232	1,271	1,282	1,312
Marine transportation										
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	1,091	1,145	1,174	1,291	1,259	1,324	N/A	1,328	1,502	1,441
Rail transportation										
Rail transportation	1,246	1,284	1,369	1,353	1,308	1,496	1,415	1,490	1,375	1,682
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
Truck transportation										
General freight trucking	835	842	858	866	889	883	894	917	965	1,015
Specialized freight trucking	864	925	961	982	1,050	1,032	983	1,011	1,067	1,101
Support activities for road transportation	823	856	853	893	928	879	883	917	1,002	1,027
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	651	711	675	749	757	801	790	864	878	854
Waste collection	888	912	883	905	925	949	1,002	992	1,040	1,070
Buses and urban transit										
Urban transit systems	943	979	982	1,143	1,268	1,315	1,330	1,306	1,206	1,327
Interurban and rural bus transportation	N/A	N/A	N/A	N/A	N/A	N/A	903	1,049	N/A	N/A
School and employee bus transportation	531	518	522	523	545	551	539	517	546	595
Charter bus industry	N/A	589	589	N/A	N/A	N/A	N/A	624	N/A	N/A
Other transit and ground passenger transportation	555	552	N/A	N/A	N/A	556	585	578	578	584
Other transport-related industries										
Taxi and limousine service	413	420	439	430	N/A	473	459	472	N/A	N/A
Freight transportation arrangement	899	911	965	996	1,021	1,000	1,018	1,020	1,102	1,158
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	736	778	771	735	764	N/A	837	856	858	940
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	731	750	760	781	806	800	832	847	870	905
Highway, street and bridge construction	1,129	1,185	1,262	1,342	1,363	1,357	1,335	1,321	1,347	1,392
Pipeline transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Warehousing and storage	790	760	783	835	862	820	909	920	921	963
Transit and ground passenger transportation	740	760	767	847	915	948	955	935	893	976

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, Table 14-10-0204-01

Table EC17: Labour Actions in the Transport Sector, by Mode, 2010–2019

	2010	2011	2012	2013	2014	2015	2016 ^R	2017	2018 ^R	2019
Number of Stoppages										
Air ¹	1	3	2	2	2	1	0	2	0	2
Marine ^{1,2}	1	5	1	0	0	5	2	2	2	2
Rail ¹	0	1	3	0	0	3	0	0	1	3
Truck	1	2	0	0	0	2	1	0	2	1
Bus/transit ³	1	9	7	3	3	1	7	1	3	4
Taxi/limousine	1	1	1	0	1	1	0	0	0	0
Other ⁴	2	2	2	0	2	4	0	0	2	1
Total	7	23	16	5	8	17	10	5	10	13
Number of Workers Involved										
Air ¹	21	4,222	102	110	475	56	0	730	0	84
Marine ^{1,2}	830	418	17	0	0	285	250	54	84	61
Rail ¹	0	109	4,529	0	0	4,137	0	0	3,200	3,681
Truck	24	86	0	0	0	126	90	0	155	130
Bus/transit ³	100	906	1,591	168	549	48	615	602	564	208
Taxi/limousine	142	142	754	0	22	240	0	0	0	0
Other ⁴	458	48,100	131	0	75	249	0	0	50,500	30
Total	1,575	53,983	7,124	278	1,121	5,141	955	1,386	54,503	4,194
Person-days Not Worked										
Air ¹	380	17,440	9,280	14,980	25,280	40	0	41,090	0	161
Marine ^{1,2}	4,150	6,270	100	0	0	3,910	27,330	540	8,280	4,553
Rail ¹	0	14,400	54,450	0	0	22,990	0	0	3,200	25,164
Truck	340	610	0	0	0	3,060	960	0	420	92
Bus/transit ³	4,100	29,420	41,410	1,180	9,570	240	4,830	1,810	3,770	4,010
Taxi/limousine	3,140	12,440	18,320	0	770	21,590	0	0	0	0
Other ⁴	57,390	418,200	1,350	0	10,340	15,420	0	0	142,680	2,010
Total	69,500	498,780	124,910	16,160	45,960	67,250	33,120	43,440	158,350	35,990

Notes: 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, 2010–2019

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Per cent change		
											2016/17	2017/18	2018/19
WTI (Cushing, Oklahoma) \$US/Bbl	79.43	95.00	94.19	97.98	93.00	48.80	43.32	50.95	64.77	57.02	17.6	27.1	(12.0)
WTI (Cushing, Oklahoma) \$CDN/Bbl	81.79	93.84	94.11	100.89	102.68	62.29	57.36	66.06	83.86	75.65	15.2	26.9	(9.8)
Brent (UK) \$US/Bbl	79.48	111.22	111.44	108.52	99.51	53.64	45.04	54.83	71.53	64.17	21.7	30.5	(10.3)
Brent (UK) \$CDN/Bbl	81.84	109.87	111.33	111.74	109.87	68.46	59.63	71.09	92.61	85.13	19.2	30.3	(8.1)
Western Canada Select \$CDN/Bbl	67.21	77.09	73.08	74.93	81.06	44.83	38.89	50.24	52.34	58.77	29.2	4.2	12.3
Hardisty (Bow River) \$CDN/Bbl	68.27	78.30	74.36	76.16	81.67	45.35	39.22	50.56	53.11	59.10	28.9	5.0	11.3
Exchange Rate \$US/\$Cdn	0.97	1.01	1.00	0.97	0.91	0.78	0.76	0.77	0.77	0.75	2.1	0.1	(2.4)

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, 2010–2019

	(Cents per litre)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Regular Gasoline										
St John's	110.7	129.1	132.6	129.9	131.4	109.6	114.5	125.2	127.1	134.1
Charlottetown	101.2	118.8	123.9	129.3	131.2	105.8	99.0	108.8	121.2	128.2
Halifax	105.8	125.4	131.4	131.2	131.1	105.9	99.1	108.4	119.0	118.2
Saint John	99.9	121.7	127.7	127.1	127.7	104.1	98.7	108.9	120.4	129.7
Montreal	108.3	130.5	136.9	137.9	137.5	115.7	108.0	119.0	131.9	128.0
Toronto	102.1	124.0	126.7	127.8	128.2	106.7	101.2	113.6	127.0	118.2
Winnipeg	97.2	114.0	117.9	120.5	117.5	97.1	92.5	97.7	113.1	120.0
Regina	102.0	121.6	122.2	120.1	120.7	100.4	92.0	98.8	114.4	117.7
Calgary	93.0	111.0	111.8	112.9	115.3	99.1	92.0	101.9	119.9	116.6
Vancouver	114.7	131.6	135.1	137.5	137.7	124.2	118.8	134.7	150.1	136.9
Canada	103.5	123.9	127.5	128.1	128.3	108.8	102.8	114.6	128.8	123.1
Road Diesel										
St John's	111.4	133.8	137.6	138.5	139.9	115.7	108.4	121.6	138.3	122.0
Charlottetown	101.8	123.2	127.2	137.7	141.2	114.0	103.1	113.8	132.2	114.8
Halifax	103.5	126.2	131.5	132.5	133.9	105.2	94.1	104.5	121.8	114.1
Saint John	104.8	128.8	134.2	135.5	137.2	111.1	101.9	112.5	129.3	118.1
Montreal	107.2	132.0	137.3	138.9	139.9	116.6	103.1	112.4	131.7	125.7
Toronto	101.8	127.9	125.2	125.8	130.7	107.8	93.8	107.9	125.6	117.4
Winnipeg	96.6	116.5	119.3	124.7	131.9	100.5	92.7	103.3	121.2	109.1
Regina	96.5	118.0	118.4	123.2	132.4	99.9	90.9	101.3	119.5	110.6
Calgary	91.3	113.4	113.6	118.5	127.7	99.6	90.5	106.0	126.2	105.7
Vancouver	111.1	132.1	138.6	141.9	145.7	122.1	111.9	121.0	139.7	149.2
Canada	100.9	124.5	125.4	128.5	134.1	109.2	97.7	110.2	128.8	120.9

Note:

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, 2010–2019

	(Cents per litre)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jet Fuel (Turbo) ¹	58.43	78.31	80.70	79.56	78.71	51.53	43.72	53.57	69.08	65.82
Aviation Gasoline ²	94.08	110.81	116.35	119.27	N/A	N/A	N/A	N/A	N/A	N/A
Marine Bunker ³	56.26	76.19	83.82	81.76	88.40	N/A	N/A	N/A	N/A	N/A
Rail Diesel (Proxy) ⁴	63.73	82.79	86.20	86.02	85.87	60.19	51.30	60.88	75.67	72.99

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

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, 2013–2018

	Price Changes (Annual per cent change)					Output Changes (Annual per cent change)				
	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17
	CN and CP									
Agriculture	0.8	3.4	(1.8)	2.9	3.9	21.3	1.4	(2.8)	3.9	2.9
Other Bulk	5.6	2.6	0.8	2.1	5.5	(7.3)	(1.9)	2.3	0.1	1.0
Other Commodities	7.2	2.9	(0.2)	0.9	7.7	8.0	(2.3)	(9.1)	9.2	7.6
Intermodal	2.9	(3.6)	0.2	0.9	(0.2)	4.5	3.1	(1.2)	9.5	8.3
Total Transportation Activities	4.5	1.1	(0.2)	1.5	4.1	6.2	(0.1)	(3.9)	6.6	6.1
Airline Industry										
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	7.0	7.1	9.9	11.7	5.7
Freight	(4.6)	1.1	(11.2)	(2.7)	16.2	9.0	(1.4)	13.0	24.6	7.2
Total Transportation Activities	(0.4)	(3.4)	(7.0)	0.5	5.0	7.1	6.8	10.0	12.1	5.8
Business Carriers¹										
Freight	4.1	1.1	(0.7)	1.3	4.5	6.3	(0.2)	(3.2)	7.5	6.4
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	7.0	7.1	9.9	11.7	5.7
Total Transportation Activities	1.6	(1.6)	(4.6)	0.8	4.6	6.7	3.8	4.0	9.9	6.0
VIA Rail										
Corridor	6.9	3.8	6.5	11.6	4.8	(1.4)	1.2	(0.8)	2.3	6.7
Long Haul	7.9	13.0	16.5	(4.3)	16.3	(5.1)	(4.2)	7.2	21.0	(16.8)
Remote-Regional	7.5	1.3	(10.9)	(0.7)	(0.2)	(29.9)	12.8	11.4	(26.5)	(26.0)
Total Transportation Activities	7.1	5.6	8.2	7.4	7.3	(2.9)	0.3	1.1	6.0	0.4
Transit										
Passenger	3.0	3.4	2.3	(1.4)	(1.7)	1.0	(0.5)	(1.3)	3.7	2.6
Public Carriers										
Total Transportation Activities	3.3	3.5	2.7	(0.8)	(1.0)	0.8	(0.5)	(1.2)	3.9	2.5
All Carriers Listed Above										
Total Transportation Activities	1.8	(1.0)	(3.7)	0.6	3.9	5.9	3.3	3.3	9.1	5.6
Overall Economy	2.0	(0.9)	0.8	2.4	1.9	2.9	0.6	0.8	3.6	2.3

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' files

Table EC22: Efficiency Indicators, Transport Industries, 2013–2018

	<i>Productivity (Annual per cent change)</i>					<i>Unit Costs (Annual per cent change)</i>				
	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17
CN and CP										
Labour	(0.1)	3.6	6.4	3.2	(3.4)	(0.1)	(17.4)	(3.7)	(6.3)	5.4
Fuel	1.2	4.0	3.2	(0.9)	1.5	5.1	(29.5)	(14.2)	17.1	21.1
Capital	4.6	(6.2)	(5.9)	3.7	2.0	(4.2)	1.9	5.7	(3.5)	(11.5)
Total	0.3	(2.8)	5.6	(0.4)	(0.3)	1.5	(8.3)	(6.0)	2.9	2.7
Airline Industry										
Labour	10.2	4.5	5.5	2.1	(4.4)	(5.9)	(0.3)	(5.9)	(3.9)	4.2
Fuel	1.7	3.9	1.9	1.2	(4.0)	(0.9)	(28.2)	(19.6)	14.6	7.9
Capital	1.1	(1.6)	(6.4)	6.2	(3.6)	1.0	11.1	15.1	(4.2)	(9.1)
Total	2.0	1.0	0.3	3.1	(2.6)	(0.7)	(5.8)	(2.3)	(0.1)	1.9
Business Carriers¹										
Labour	4.9	4.1	5.9	2.6	(4.0)	(3.0)	(8.9)	(4.9)	(4.9)	4.7
Fuel	1.4	2.9	(0.0)	0.1	(2.1)	0.7	(28.5)	(18.3)	15.2	11.2
Capital	2.5	(3.4)	(6.2)	5.4	(1.8)	(1.2)	7.4	11.7	(4.0)	(9.9)
Total	1.4	(0.3)	2.0	2.0	(1.9)	0.1	(6.7)	(3.5)	0.8	2.2
Via Rail										
Labour	(4.7)	1.0	(5.5)	2.5	(3.3)	(4.1)	10.7	0.8	2.5	6.9
Fuel	0.5	(3.3)	(1.4)	(0.1)	(2.0)	2.1	2.2	(15.8)	9.4	(5.8)
Capital	(4.2)	(0.5)	5.0	8.4	1.9	4.2	14.3	1.6	(2.6)	(7.0)
Total	(2.7)	(7.9)	(10.8)	8.4	(0.3)	(0.1)	14.8	9.9	(3.8)	1.2
Transit										
Labour	(5.0)	1.6	(1.5)	9.8	5.5	3.6	6.3	0.7	(2.6)	(0.6)
Fuel	(1.8)	0.5	(0.4)	20.2	5.7	3.3	(8.0)	(10.4)	(1.4)	4.0
Capital	(7.9)	(11.8)	(8.3)	(5.5)	(6.2)	6.4	7.7	6.7	0.6	4.1
Total	(5.7)	(4.3)	(4.0)	4.6	0.6	4.9	5.9	1.8	(1.6)	1.3
Total Transport										
Business Carriers	1.4	(0.3)	2.0	2.0	(1.9)	0.1	(6.7)	(3.5)	0.8	2.2
Public Carriers	(5.5)	(4.5)	(4.4)	4.8	0.6	4.6	6.4	2.3	(1.8)	1.3
Total	(0.6)	(1.6)	0.0	2.9	(1.2)	1.4	(3.1)	(1.8)	0.1	1.9

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' files

Table EC23: Cost Structure of Transport Industries, 2015–2018

Variable	(Percentage of Total Costs)											
	<i>Business Carriers¹</i>				<i>Public Carriers</i>				<i>Total Carriers</i>			
	2015 ^R	2016 ^R	2017 ^R	2018	2015 ^R	2016 ^R	2017 ^R	2018	2015 ^R	2016 ^R	2017 ^R	2018
Variable	78.7	75.5	76.6	79.4	70.8	69.6	68.9	68.1	76.3	73.7	74.3	76.0
Labour	22.3	21.7	20.4	21.0	44.7	44.0	43.7	43.1	29.1	28.5	27.3	27.5
Fuel	19.8	17.0	19.4	21.1	5.9	5.1	5.2	5.3	15.6	13.4	15.2	16.4
Other	36.6	36.8	36.8	37.3	20.2	20.5	20.0	19.7	31.6	31.8	31.8	32.1
Capital	21.3	24.5	23.4	20.6	29.2	30.4	31.1	31.9	23.7	26.3	25.7	24.0

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' files

Table EC24: Financial Performance of Transportation Industries, 2012–2018

	(millions of dollars)						
	2012	2013	2014	2015	2016	2017	2018
CN and CP – Canadian Operations							
Operating Revenues	11,100	11,704	12,945	13,090	12,589	13,600	14,971
Operating Expenses	8,501	8,631	9,274	8,456	7,563	8,368	9,560
Operating Profit (Loss)	2,599	3,073	3,670	4,634	5,027	5,232	5,411
Operating Ratio ¹	76.6	73.7	71.6	64.6	60.1	61.5	63.9
Regional Railways²							
Operating Revenues	355	385	379	327	257	153	194
Operating Expenses	251	251	235	260	254	139	159
Operating Profit (Loss)	104	134	143	67	3	14	36
Operating Ratio ¹	70.6	65.1	62.2	79.5	98.7	90.9	81.7
Short Line Railways³							
Operating Revenues ^R	348	373	449	660	502	440	424
Operating Expenses ^R	313	326	422	552	473	376	349
Operating Profit (Loss) ^R	35	47	27	108	29	64	74
Operating Ratio ^{1,R}	90.0	87.5	94.0	83.6	94.2	85.5	82.5
Air Canada and Affiliates							
Operating Revenues ^R	11,381	11,536	12,318	12,914	13,243	14,712	15,724
Operating Expenses ^R	10,813	10,782	11,319	11,245	11,884	13,163	14,044
Operating Profit (Loss) ^R	567	754	999	1,669	1,359	1,549	1,680
Operating Ratio ^{1,R}	95.0	93.5	91.9	87.1	89.7	89.5	89.3
WestJet							
Operating Revenues	3,427	3,662	3,977	4,029	4,123	4,507	4,759
Operating Expenses	3,052	3,263	3,501	3,460	3,683	4,074	4,302
Operating Profit (Loss)	376	400	475	570	440	433	457
Operating Ratio ¹	89.0	89.1	88.0	85.9	89.3	90.4	90.4
VIA Rail							
Operating Revenues	264	258	265	281	307	349	375
Operating Subsidies	279	308	317	280	268	265	273
Operating Expense	583	599	567	659	741	756	785
Operating Ratio ¹	220.6	231.7	214.0	234.7	241.3	216.7	209.4
Transit Industry							
Operating Revenues ^R	3,893	4,107	4,240	4,385	4,507	4,742	4,884
Operating Subsidies ^R	3,593	3,843	4,044	4,405	4,469	5,119	5,209
Total Costs ^R	9,565	10,083	10,592	11,262	11,561	12,161	12,923
Cost Recovery Ratio ^{4,R}	40.7	40.7	40.0	38.9	39.0	39.0	37.8

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' files

GOVERNMENT SPENDING AND REVENUES ON TRANSPORTATION

Table G1: Summary of Transportation Expenditures and Revenues by Level of Government, 2009/10–2018/19¹

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Transport Canada										
Operating	884.3	882.9	873.6	753.9	826.5	923.4	942.5	795.6	895.4	923.5
Capital	106.6	84.4	69.2	58.2	75.6	124.1	119.2	89.6	97.6	105.6
Transfer payments	362.7	411.0	426.7	608.0	526.4	646.9	591.0	379.2	277.0	276.1
Gross expenditures	1,353.7	1,378.3	1,369.4	1,420.1	1,428.5	1,694.3	1,652.7	1,264.4	1,270.0	1,305.2
Licences and fees	5.3	5.0	4.8	4.0	3.9	3.0	1.5	1.3	1.4	1.5
User fees and other revenues	890.2	425.1	441.9	434.4	435.4	443.1	455.9	541.0	517.6	539.5
Total revenues	895.6	430.1	446.7	438.4	439.3	446.1	457.4	542.3	519.0	541.0
Expenditures net of revenues	458.1	948.2	922.7	981.7	989.2	1,248.3	1,195.3	722.1	751.1	764.2
Other federal departments/agencies										
Operating	2,004.8	2,213.1	2,068.1	2,090.9	2,316.2	2,382.5	2,963.0	3,092.5	2,793.0	3,216.8
Capital	494.1	498.8	347.7	334.2	308.3	418.8	962.1	1,040.2	1,732.0	1,859.9
Transfer payments	2,283.1	3,401.3	2,152.3	1,675.2	1,280.7	1,273.0	1,376.1	1,359.4	1,286.1	2,500.4
Gross expenditures	4,782.0	6,113.2	4,568.1	4,100.2	3,905.2	4,074.3	5,301.2	5,492.2	5,811.0	7,577.1
Fuel taxes	5,178.3	5,342.1	5,328.3	5,380.5	5,486.4	5,527.9	5,564.8	5,634.1	5,738.7	5,799.3
Sales taxes	5,375.8	5,674.5	5,925.7	6,118.8	6,407.8	6,567.1	6,487.9	6,741.6	7,414.6	7,562.8
Licences and fees	0.0	0.0	0.0	0.0	0.0	0.0	30.3	28.0	33.8	28.6
User fees and other revenues	419.4	642.3	673.4	768.9	822.6	923.9	1,023.6	1,099.5	1,093.2	1,239.2
Total revenues	10,973.5	11,658.8	11,927.4	12,268.2	12,716.7	13,019.0	13,106.6	13,503.2	14,280.3	14,629.9
Expenditures net of revenues²	(6,191.5)	(5,545.6)	(7,359.3)	(8,168.0)	(8,811.5)	(8,944.7)	(7,805.4)	(8,011.0)	(8,469.2)	(7,052.8)
Provinces and territories										
Operating	4,202.0	4,435.9	4,669.5	6,499.3	9,029.2	9,233.7	7,957.0	7,177.7	8,152.1	7,800.5
Capital	7,664.6	8,454.4	8,042.9	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	10,111.7
Transfer payments	3,829.3	3,445.5	3,386.5	4,563.6	4,782.2	5,118.2	5,534.0	5,824.6	8,035.6	7,752.0
Gross expenditures	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,622.4	23,680.7	23,210.4	26,402.2	25,664.2
Federal transfers to provinces/territories ³	(779.3)	(1,330.6)	(966.4)	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,154.9)	(3,350.0)
Expenditures net of transfers	14,916.7	15,005.2	15,132.4	18,743.0	21,752.7	21,768.1	21,090.4	20,624.0	23,247.3	22,314.1
Fuel taxes	8,113.2	8,147.1	8,610.2	8,639.9	9,198.0	9,157.7	9,700.9	10,166.7	10,297.5	10,341.1
Sales taxes	6,027.2	7,176.8	8,209.6	8,676.4	9,126.8	9,490.2	9,623.1	10,109.4	10,916.5	11,134.8
Licences and fees	3,558.1	3,348.5	3,330.8	3,570.3	3,968.9	4,227.4	4,484.7	4,865.8	5,199.8	5,342.5
User fees and other revenues	42.5	48.2	890.5	957.7	1,139.7	1,328.0	414.2	485.9	986.5	832.9
Total revenues	17,740.9	18,720.6	21,041.1	21,844.2	23,433.4	24,203.3	24,222.9	25,627.8	27,400.2	27,651.3
Expenditures net of revenues²	(2,824.3)	(3,715.4)	(5,908.7)	(3,101.2)	(1,680.7)	(2,435.2)	(3,132.5)	(5,003.8)	(4,152.9)	(5,337.2)
Combined federal and provincial/territorial governments										
Expenditures net of transfers										
Federal government (gross expenditures)	6,135.7	7,491.5	5,937.6	5,520.3	5,333.7	5,768.7	6,953.9	6,756.5	7,081.1	8,882.3
Provincial/territorial governments (expenditures net of transfers)	14,916.7	15,005.2	15,132.4	18,743.0	21,752.7	21,768.1	21,090.4	20,624.0	23,247.3	22,314.1
Overall	21,052.3	22,496.7	21,070.0	24,263.4	27,086.4	27,536.8	28,044.3	27,380.5	30,328.4	31,196.4
Revenues										
Federal government revenues ³	11,869.0	12,088.9	12,374.1	12,706.6	13,156.0	13,465.1	13,564.0	14,045.4	14,799.2	15,170.9
Provincial/territorial government revenues	17,740.9	18,720.6	21,041.1	21,844.2	23,433.4	24,203.3	24,222.9	25,627.8	27,400.2	27,651.3
Overall	29,609.9	30,809.5	33,415.2	34,550.8	36,589.4	37,668.4	37,786.9	39,673.2	42,199.4	42,822.2
Revenues (not including sales taxes)										
Federal government revenues (not including sales taxes)	6,493.2	6,414.4	6,448.4	6,587.8	6,748.2	6,898.0	7,076.1	7,303.9	7,384.7	7,608.0
Provincial/territorial government revenues (not including sales taxes)	11,713.7	11,543.8	12,831.5	13,167.8	14,306.7	14,713.2	14,599.8	15,518.4	16,483.7	16,516.5
Overall⁴	18,206.9	17,958.2	19,279.9	19,755.6	21,054.9	21,611.1	21,675.9	22,822.3	23,868.4	24,124.5

Notes:

1. The tables in this section (G) cover the 10 fiscal years up to the end of March, 2019. Data are presented on a modified cash (public accounts) basis.
2. Brackets indicate revenues exceed expenditures.
3. Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).
4. 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, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Federal Operating Expenditures, Capital Expenditures and Transfers¹										
Air Mode	982.5	934.4	847.7	811.2	885.1	984.8	1,003.8	1,048.2	1,081.5	1,183.8
Marine Mode	1,339.8	1,494.8	1,235.7	1,279.5	1,329.5	1,267.2	2,044.2	1,972.1	2,059.2	2,919.7
Rail Mode	445.6	581.0	544.0	470.1	448.8	451.5	499.7	396.3	412.9	615.0
Road Mode	1,478.2	2,420.1	1,336.9	1,166.4	752.4	1,006.4	1,371.6	1,606.0	1,995.2	1,755.2
Transit	1,059.6	1,149.3	1,051.0	775.7	846.2	750.1	814.3	803.6	629.3	1,566.4
Other Modes	829.9	911.8	922.3	1,017.4	1,071.7	1,308.7	1,220.4	930.4	903.0	842.2
Sub-Total	6,135.7	7,491.5	5,937.6	5,520.3	5,333.7	5,768.7	6,953.9	6,756.5	7,081.1	8,882.3
Provincial/Territorial Expenditures (before deducting federal transfers)										
Air Mode	180.8	218.2	189.2	184.8	263.5	279.7	356.5	284.9	313.9	297.0
Marine Mode	399.3	428.4	487.4	496.2	479.8	544.3	568.3	524.9	627.6	1,076.2
Rail Mode	71.3	78.5	81.5	91.6	117.8	92.7	103.3	86.1	94.6	106.1
Road Mode	12,767.8	13,182.2	12,713.6	12,978.8	14,794.4	14,572.5	17,456.1	16,873.2	17,976.8	17,010.7
Transit	1,936.5	2,096.6	2,278.6	5,633.3	6,476.1	6,784.1	4,956.2	5,206.6	7,209.5	6,985.9
Other Modes	340.1	331.9	348.5	424.2	349.9	349.2	240.2	234.7	179.8	188.1
Sub-Total	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,622.4	23,680.7	23,210.4	26,402.2	25,664.2
Provincial/Territorial Expenditures Net of Federal Transfers²										
Air Mode	163.8	211.9	185.4	164.8	237.7	261.5	343.0	279.7	298.0	293.2
Marine Mode	372.4	400.9	459.4	467.6	449.0	514.9	538.6	495.8	593.1	1,045.7
Rail Mode	66.0	74.6	77.5	84.2	108.6	85.2	90.5	86.0	93.6	106.1
Road Mode	12,037.7	11,939.9	11,857.2	11,974.8	14,147.8	13,829.6	16,665.1	15,984.1	16,959.8	16,081.2
Transit	1,936.5	2,045.9	2,205.3	5,633.3	6,459.7	6,727.7	3,212.9	3,543.5	5,122.9	4,599.7
Other Modes	340.1	331.9	347.6	418.3	349.9	349.2	240.2	234.7	179.8	188.1
Sub-Total	14,916.7	15,005.2	15,132.4	18,743.0	21,752.7	21,768.1	21,090.4	20,624.0	23,247.3	22,314.1
Total Expenses: (Gross) Federal plus (Net) Provincial/Territorial Government Levels										
Air Mode	1,146.4	1,146.3	1,033.0	976.0	1,122.8	1,246.3	1,346.8	1,328.0	1,379.4	1,477.1
Marine Mode	1,712.3	1,895.7	1,695.1	1,747.1	1,778.5	1,782.1	2,582.8	2,467.9	2,652.3	3,965.4
Rail Mode	511.7	655.6	621.5	554.3	557.4	536.7	590.3	482.3	506.5	721.1
Road Mode	13,515.9	14,360.1	13,194.1	13,141.2	14,900.2	14,836.0	18,036.7	17,590.2	18,955.1	17,836.4
Transit	2,996.2	3,195.3	3,256.3	6,409.0	7,305.9	7,477.8	4,027.2	4,347.1	5,752.2	6,166.2
Other Modes	1,170.0	1,243.7	1,269.9	1,435.7	1,421.6	1,657.9	1,460.6	1,165.1	1,082.8	1,030.3
Sub-Total	21,052.3	22,496.7	21,070.0	24,263.4	27,086.4	27,536.8	28,044.3	27,380.5	30,328.4	31,196.4
Federal Revenues										
Air Mode	855.8	1,129.7	1,193.9	1,238.2	1,271.2	1,379.7	1,394.5	1,508.5	1,579.5	6,002.5
Marine Mode	82.0	81.1	84.1	142.0	158.4	163.1	239.6	277.0	203.8	339.6
Rail Mode	13.1	13.8	15.5	16.8	19.6	17.6	18.0	17.6	18.7	18.7
Road Mode	9,321.4	9,690.9	9,901.3	10,133.5	10,479.6	10,671.8	10,658.3	11,044.2	11,703.2	7,477.5
Transit	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3
Other Modes	1,596.7	1,173.4	1,179.4	1,176.1	1,227.2	1,232.9	1,253.5	1,198.1	1,293.7	1,332.3
Sub-Total	11,869.0	12,088.9	12,374.1	12,706.6	13,156.0	13,465.1	13,564.0	14,045.4	14,799.2	15,170.9
Provincial/Territorial Revenues										
Air Mode	45.2	86.1	111.0	115.7	119.9	124.1	133.7	139.3	160.0	160.9
Marine Mode	0.0	0.0	0.0	0.0	0.0	20.8	22.3	25.2	57.0	64.2
Rail Mode	0.0	0.0	0.0	0.0	11.4	11.5	11.2	10.6	11.0	11.9
Road Mode ⁴	17,630.1	18,507.1	19,863.9	20,626.0	22,036.4	22,760.9	23,838.7	25,194.9	26,496.9	26,838.6
Transit	20.4	40.0	943.3	977.3	1,144.6	1,164.8	46.1	58.2	59.1	67.5
Other Modes	45.3	87.4	122.9	125.3	121.1	121.2	170.9	199.6	616.2	508.3
Sub-Total	17,740.9	18,720.6	21,041.1	21,844.2	23,433.4	24,203.3	24,222.9	25,627.8	27,400.2	27,651.3
Total Revenues: Federal plus Provincial/Territorial Government Levels										
Air Mode	901.0	1,215.8	1,304.9	1,353.9	1,391.1	1,503.8	1,528.2	1,647.9	1,739.5	6,163.3
Marine Mode	82.0	81.1	84.1	142.0	158.4	183.9	261.9	302.2	260.8	403.8
Rail Mode	13.1	13.8	15.5	16.8	31.0	29.1	29.3	28.2	29.7	30.6
Road Mode	26,951.5	28,198.1	29,765.2	30,759.5	32,516.0	33,432.7	34,497.0	36,239.1	38,200.1	34,316.1
Transit ⁴	20.4	40.0	943.3	977.3	1,144.6	1,164.8	46.2	58.2	59.3	67.8
Other Modes	1,642.0	1,260.8	1,302.3	1,301.4	1,348.3	1,354.1	1,424.4	1,397.7	1,909.9	1,840.6
Sub-Total	29,609.9	30,809.5	33,415.2	34,550.8	36,589.4	37,668.4	37,786.9	39,673.2	42,199.4	42,822.2

Notes:

1. Tax expenditures are also included.
2. Excludes estimated transportation-related transfer payments received (as reported by provincial/territorial respondents).
3. 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.
4. Transit revenues and expenses from Quebec have been adjusted to transfers (in/out) for 2016/17 - 2018/19.

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, 2009/10–2018/19 ¹

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
AIR MODE										
Transport Canada²										
Operating	290.6	283.2	272.6	238.7	238.0	256.4	242.1	219.1	241.8	246.9
Capital	5.8	7.9	5.0	3.8	4.4	7.8	11.2	5.0	11.7	9.9
Transfer payments	53.4	10.9	31.8	31.3	13.0	0.2	0.2	0.2	0.2	0.1
Gross expenditures	349.8	302.1	309.4	273.8	255.5	264.4	253.4	224.2	253.8	256.9
Transportation Safety Board ³										
Operating	13.6	14.3	14.4	13.7	14.7	15.0	13.1	12.9	0.0	0.0
Gross expenditures	13.6	14.3	14.4	13.7	14.7	15.0	13.1	12.9	0.0	0.0
Canadian Air Transport Security Authority										
Operating	603.9	573.1	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8
Gross expenditures	603.9	573.1	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8
Infrastructure Canada										
Transfer payments	7.4	39.4	6.9	0.3	0.0	0.9	1.3	6.9	6.0	3.3
Gross expenditures	7.4	39.4	6.9	0.3	0.0	0.9	1.3	6.9	6.0	3.3
Environment and Climate Change Canada										
Capital	0.0	0.0	0.0	0.0	0.0	0.6	4.7	3.1	0.0	8.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.6	4.7	3.1	0.0	8.0
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	9.2	1.0	16.9	11.6	12.8	21.1	21.4
Gross expenditures	0.0	0.0	0.0	9.2	1.0	16.9	11.6	12.8	21.1	21.4
Atlantic Canada Opportunities Agency										
Transfer payments	1.2	1.2	0.3	0.2	0.1	1.0	2.2	1.3	1.1	2.0
Gross expenditures	1.2	1.2	0.3	0.2	0.1	1.0	2.2	1.3	1.1	2.0
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	4.8	1.8	1.0	0.0	2.6	0.0	2.3	1.8	4.0	0.2
Gross expenditures	4.8	1.8	1.0	0.0	2.6	0.0	2.3	1.8	4.0	0.2
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.8	0.8	1.9	3.2	4.8	9.0
Gross expenditures	0.0	0.0	0.0	0.0	0.8	0.8	1.9	3.2	4.8	9.0
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.6	0.8	0.5	0.6	1.2	1.3	1.0	0.4	0.4	0.9
Gross expenditures	0.6	0.8	0.5	0.6	1.2	1.3	1.0	0.4	0.4	0.9
Western Economic Diversification										
Transfer payments	1.2	0.3	0.2	0.0	0.4	0.1	0.0	0.9	8.7	8.4
Gross expenditures	1.2	0.3	0.2	0.0	0.4	0.1	0.0	0.9	8.7	8.4
Canadian Northern Economic Development Agency										
Transfer payments	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Gross expenditures	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	1.4	1.8	1.9	1.7	2.4	2.0
Gross expenditures	0.0	0.0	0.0	0.0	1.4	1.8	1.9	1.7	2.4	2.0
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	19.4	24.9	22.5	16.8	20.0	17.8
Capital	0.0	0.0	0.0	0.0	8.0	8.3	7.4	10.7	9.2	7.4
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.4	0.8	0.3	0.1	0.1
Gross expenditures	0.0	0.0	0.0	0.0	27.5	33.7	30.7	27.8	29.3	25.3
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	20.8	24.4	22.8	25.8	26.4	28.2
Gross expenditures	0.0	0.0	0.0	0.0	20.8	24.4	22.8	25.8	26.4	28.2
Total (federal government departments and agencies)										
Operating	908.1	870.7	802.1	775.0	833.6	938.9	948.0	988.7	1,008.8	1,105.9
Capital	5.8	7.9	5.0	3.8	12.5	16.7	23.3	18.8	20.9	25.3
Transfer payments	68.6	55.8	40.6	32.4	39.1	29.1	32.5	40.8	51.8	52.6
Gross expenditures	982.5	934.4	847.7	811.2	885.1	984.8	1,003.8	1,048.2	1,081.5	1,183.8

Table G3 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
MARINE MODE										
Transport Canada²										
Operating	115.0	111.3	104.3	97.3	96.3	112.4	102.2	89.5	122.4	148.5
Capital	4.4	2.6	2.1	1.2	2.7	3.7	5.9	6.0	6.2	5.1
Transfer payments	12.3	3.9	1.8	0.7	0.5	5.1	9.4	12.6	4.4	8.8
Gross expenditures	131.7	117.8	108.2	99.2	99.5	121.2	117.6	108.1	133.0	162.4
Transportation Safety Board³										
Operating	5.5	4.5	4.6	5.8	5.5	4.9	5.2	5.0	0.0	0.0
Gross expenditures	5.5	4.5	4.6	5.8	5.5	4.9	5.2	5.0	0.0	0.0
Department of Finance Canada										
Transfer payments	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marine Atlantic										
Operating	123.5	210.9	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9
Gross expenditures	123.5	210.9	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9
Infrastructure Canada										
Transfer payments	24.4	114.7	20.8	4.5	1.0	1.7	4.1	15.1	18.3	56.3
Gross expenditures	24.4	114.7	20.8	4.5	1.0	1.7	4.1	15.1	18.3	56.3
Canadian Coast Guard										
Operating	572.1	567.1	539.4	562.4	620.0	529.9	652.3	700.5	782.7	869.6
Capital	240.5	248.2	187.8	219.2	200.6	241.9	450.3	423.3	483.5	1,046.4
Transfer payments	5.3	5.2	11.5	10.5	5.1	5.1	5.6	5.6	8.2	11.2
Gross expenditures	817.9	820.5	738.7	792.1	825.7	776.9	1,108.2	1,129.5	1,274.4	1,927.3
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	118.8	112.4	102.5	67.4	61.7	63.7	50.2	56.8	50.8	68.3
Capital	98.8	86.8	51.9	40.8	32.0	37.5	165.4	234.9	156.9	96.0
Transfer payments	3.5	7.2	9.2	7.1	5.0	3.2	2.3	4.5	3.4	4.0
Gross expenditures	221.0	206.4	163.6	115.3	98.7	104.5	217.9	296.2	211.1	168.3
Parks Canada Agency										
Operating	2.8	5.5	6.4	8.2	13.3	32.2	32.8	30.5	32.1	37.6
Capital	5.1	8.3	6.1	1.2	10.2	20.9	54.1	92.0	126.5	194.1
Gross expenditures	8.0	13.8	12.5	9.3	23.5	53.1	86.9	122.5	158.6	231.7
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	60.1	99.6	59.8	135.2	177.2	98.9	229.0
Capital	0.0	0.0	0.0	1.3	0.3	0.5	0.3	0.6	2.0	0.0
Gross expenditures	0.0	0.0	0.0	61.4	99.9	60.3	135.5	177.8	100.9	229.0
Atlantic Canada Opportunities Agency										
Transfer payments	0.3	0.3	1.2	1.0	2.5	4.8	5.1	8.5	3.6	10.1
Gross expenditures	0.3	0.3	1.2	1.0	2.5	4.8	5.1	8.5	3.6	10.1
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	5.9	3.2	2.2	3.9	4.6	0.1	0.1	1.0	1.1	0.0
Gross expenditures	5.9	3.2	2.2	3.9	4.6	0.1	0.1	1.0	1.1	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.1	0.2	0.0
Gross expenditures	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.1	0.2	0.0
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.3	2.5	0.0	0.6	0.6	0.5	2.4	0.6	0.4	0.6
Gross expenditures	0.3	2.5	0.0	0.6	0.6	0.5	2.4	0.6	0.4	0.6
Western Economic Diversification										
Transfer payments	1.2	0.0	0.6	1.3	5.5	5.3	3.9	1.7	2.4	0.8
Gross expenditures	1.2	0.0	0.6	1.3	5.5	5.3	3.9	1.7	2.4	0.8
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.1	0.1	0.0	0.0	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	0.4	0.5	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.1

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2009/10–2018/19¹ (continued)

(Millions of dollars)

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	5.3	5.8	5.7	6.1	7.7	6.0
Capital	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.1	0.2
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.2
Gross expenditures	0.0	0.0	0.0	0.0	5.6	6.2	6.3	6.4	7.9	6.3
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	1.0
Gross expenditures	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	1.0
Total (federal government departments and agencies)										
Operating	937.8	1,011.7	940.4	986.1	1,056.0	936.3	1,334.4	1,164.9	1,241.8	1,485.1
Capital	348.8	346.0	248.0	263.8	246.0	304.7	676.3	757.1	775.3	1,341.7
Transfer payments	53.2	137.1	47.3	29.6	27.5	26.3	33.4	50.0	42.2	92.9
Gross expenditures	1,339.8	1,494.8	1,235.7	1,279.5	1,329.5	1,267.2	2,044.2	1,972.1	2,059.2	2,919.7
RAIL MODE										
Transport Canada²										
Operating	20.1	20.7	21.2	20.7	21.7	25.4	100.3	22.3	29.0	26.8
Capital	3.0	2.5	2.6	1.3	0.4	1.3	1.1	1.1	1.2	1.1
Transfer payments	14.1	8.0	9.0	12.4	7.4	8.8	9.3	9.7	16.3	18.4
Gross expenditures	37.3	31.1	32.8	34.4	29.5	35.5	110.8	33.1	46.4	46.3
Transportation Safety Board³										
Operating	5.1	4.6	5.1	4.7	6.9	6.1	5.7	5.8	0.0	0.0
Gross expenditures	5.1	4.6	5.1	4.7	6.9	6.1	5.7	5.8	0.0	0.0
VIA Rail Canada										
Operating	387.3	527.2	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2
Gross expenditures	387.3	527.2	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2
Infrastructure Canada										
Transfer payments	8.7	13.5	9.2	10.1	3.6	0.0	11.6	0.1	0.0	0.0
Gross expenditures	8.7	13.5	9.2	10.1	3.6	0.0	11.6	0.1	0.0	0.0
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	4.8	4.7	2.5	0.9	0.1	0.0	0.1	0.1	0.1	0.1
Gross expenditures	4.8	4.7	2.5	0.9	0.1	0.0	0.1	0.1	0.1	0.1
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.3	0.0	1.8	2.1	2.9	3.3
Gross expenditures	0.0	0.0	0.0	0.0	0.3	0.0	1.8	2.1	2.9	3.3
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Gross expenditures	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Western Economic Diversification										
Transfer payments	1.0	0.0	0.5	0.1	0.2	0.0	0.0	0.8	0.5	64.1
Gross expenditures	1.0	0.0	0.5	0.1	0.2	0.0	0.0	0.8	0.5	64.1
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.4	0.3	0.5
Gross expenditures	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.4	0.3	0.5
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	1.8	2.6	3.2	4.3	4.2	3.1
Gross expenditures	0.0	0.0	0.0	0.0	1.8	2.6	3.2	4.3	4.2	3.1
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.7	0.8	0.6	1.1	1.0	1.3
Gross expenditures	0.0	0.0	0.0	0.0	0.7	0.8	0.6	1.1	1.0	1.3
Total (federal government departments and agencies)										
Operating	412.5	552.5	520.1	445.4	436.2	440.6	475.2	381.2	391.0	526.7
Capital	3.0	2.5	2.6	1.3	0.4	1.3	1.1	1.1	1.2	1.1
Transfer payments	30.1	26.1	21.3	23.4	12.3	9.6	23.4	14.0	20.6	87.2
Gross expenditures	445.6	581.0	544.0	470.1	448.8	451.5	499.7	396.3	412.9	615.0

Table G3 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
ROAD MODE										
Transport Canada²										
Operating	28.0	25.5	22.5	19.6	21.4	21.2	19.6	20.1	21.5	47.8
Capital	7.2	12.7	1.9	2.8	4.6	3.7	2.5	2.4	1.2	1.7
Transfer payments	0.2	9.1	4.7	4.4	4.4	4.4	3.0	3.5	3.3	53.1
Gross expenditures	35.5	47.3	29.0	26.9	30.5	29.4	25.2	26.0	26.0	102.6
Department of Finance Canada										
Transfer payments	15.1	15.1	10.1	10.1	10.1	10.1	10.1	10.1	11.3	15.1
Gross expenditures	15.1	15.1	10.1	10.1	10.1	10.1	10.1	10.1	11.3	15.1
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	25.8	19.4	8.5	72.8	9.6
Capital	0.0	0.0	0.0	0.0	0.0	14.9	46.9	19.7	568.1	109.1
Transfer payments	1,021.9	1,935.5	915.8	749.0	247.0	298.9	296.3	248.7	293.0	495.7
Gross expenditures	1,021.9	1,935.5	915.8	749.0	247.0	339.6	362.6	276.9	933.9	614.4
Federal Bridge Corporation										
Operating	2.1	0.4	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5
Gross expenditures	2.1	0.4	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5
The Jacques Cartier and Champlain Bridges										
Operating	78.2	90.0	97.3	109.1	151.6	245.0	247.3	284.3	133.0	116.4
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.3	50.4
Gross expenditures	78.2	90.0	97.3	109.1	151.6	245.0	247.3	284.3	179.2	166.8
Windsor-Detroit Bridge Authority										
Operating	0.0	0.0	0.0	0.0	0.0	8.1	138.5	334.5	64.0	146.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	184.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	8.1	138.5	334.5	184.0	330.5
Natural Resources Canada										
Operating	0.0	0.0	0.0	0.0	0.0	7.8	9.8	10.8	10.4	12.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.4	1.8	1.8
Transfer payments	0.0	0.0	0.0	0.0	0.0	6.2	4.4	6.6	34.0	22.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	14.0	16.6	21.8	46.2	37.4
Department of Indigenous Services										
Operating	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Transfer payments	106.6	100.1	107.2	96.9	81.2	112.9	119.5	154.5	175.6	139.8
Gross expenditures	106.9	100.4	107.5	97.0	81.2	113.0	119.6	154.5	175.7	140.0
National Capital Commission										
Operating	3.1	1.4	1.4	2.0	5.0	3.9	4.7	0.0	0.0	0.0
Capital	0.8	0.8	0.8	1.0	0.0	0.0	0.0	5.6	4.7	6.9
Gross expenditures	3.9	2.2	2.2	3.0	5.0	3.9	4.7	5.6	4.7	6.9
Parks Canada Agency										
Operating	31.3	35.4	29.1	33.0	51.2	28.0	26.1	32.3	31.5	41.0
Capital	93.6	101.3	53.5	41.9	34.7	69.0	188.8	201.0	209.9	147.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
Gross expenditures	124.9	136.7	82.7	74.9	85.9	97.0	214.9	233.3	241.5	188.6
Public Services and Procurement Canada										
Operating	27.6	35.4	30.3	48.5	51.0	56.4	102.8	98.1	97.8	76.6
Capital	55.3	53.4	25.4	27.0	14.7	16.4	35.2	36.0	0.0	0.0
Gross expenditures	82.9	88.8	55.6	75.5	65.7	72.8	138.0	134.1	97.8	76.6
PPP Canada										
Capital	0.0	0.0	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Transfer payments	0.0	0.0	0.1	0.1	1.6	2.4	4.3	3.3	3.8	3.3
Gross expenditures	0.0	0.0	0.1	0.1	1.6	2.4	4.3	3.3	3.8	3.3
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	0.0	0.2	0.0	0.0	0.0	2.9	1.4	0.5	1.3	0.0
Gross expenditures	0.0	0.2	0.0	0.0	0.0	2.9	1.4	0.5	1.3	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	4.9	0.0	17.1	15.2	8.7	11.2
Gross expenditures	0.0	0.0	0.0	0.0	4.9	0.0	17.1	15.2	8.7	11.2

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2009/10–2018/19¹ (continued)

(Millions of dollars)

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	3.0	0.0	0.2	0.3	0.1	0.3	0.2	0.8	0.5	0.2
Gross expenditures	3.0	0.0	0.2	0.3	0.1	0.3	0.2	0.8	0.5	0.2
Western Economic Diversification										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	3.5	1.7
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	3.5	1.7
Canadian Northern Economic Development Agency										
Transfer payments	3.8	3.6	0.3	0.6	0.6	1.0	0.3	3.6	1.3	0.5
Gross expenditures	3.8	3.6	0.3	0.6	0.6	1.0	0.3	3.6	1.3	0.5
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	1.6	2.0	1.9	1.5	2.4	2.5
Gross expenditures	0.0	0.0	0.0	0.0	1.6	2.0	1.9	1.5	2.4	2.5
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	20.2	19.8	19.2	20.9	21.9	17.8
Capital	0.0	0.0	0.0	0.0	4.5	7.3	5.7	7.3	2.5	4.6
Transfer payments	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.7
Gross expenditures	0.0	0.0	0.0	0.0	24.9	27.3	25.1	28.3	24.4	23.0
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	28.5	29.6	23.6	29.8	28.9	30.6
Gross expenditures	0.0	0.0	0.0	0.0	28.5	29.6	23.6	29.8	28.9	30.6
Total (federal government departments and agencies)										
Operating	170.6	188.4	194.9	230.5	315.3	426.0	609.5	852.8	475.4	474.1
Capital	156.9	168.2	103.7	74.4	58.6	111.3	281.5	276.5	954.5	506.2
Transfer payments	1,150.6	2,063.6	1,038.3	861.5	378.6	469.1	480.6	476.8	565.4	774.8
Gross expenditures	1,478.2	2,420.1	1,336.9	1,166.4	752.4	1,006.4	1,371.6	1,606.0	1,995.2	1,755.2
TRANSIT										
Department of Finance Canada										
Transfer payments	530.0	320.0	332.5	345.0	362.5	372.5	380.0	361.3	202.6	212.6
Gross expenditures	530.0	320.0	332.5	345.0	362.5	372.5	380.0	361.3	202.6	212.6
Infrastructure Canada										
Transfer payments	529.6	829.3	718.5	430.7	482.3	376.7	433.3	440.7	424.2	1,350.5
Gross expenditures	529.6	829.3	718.5	430.7	482.3	376.7	433.3	440.7	424.2	1,350.5
Natural Resources Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0
Atlantic Canada Opportunities Agency										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6
Gross expenditures	0.0	0.0	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6
National Research Council Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.0	0.0	0.6	0.4	0.4	1.1	0.8	1.6
Gross expenditures	0.0	0.0	0.0	0.0	0.6	0.4	0.4	1.1	0.8	1.6
Total (federal government departments and agencies)										
Operating	0.0	0.0	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6
Transfer payments	1,059.6	1,149.3	1,051.0	775.7	845.7	749.6	813.7	803.1	628.8	1,565.9
Gross expenditures	1,059.6	1,149.3	1,051.0	775.7	846.2	750.1	814.3	803.6	629.3	1,566.4

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	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
OTHER MODES										
Transport Canada²										
Operating	430.6	442.2	453.1	377.6	449.0	508.0	478.3	444.6	480.7	453.5
Capital	86.2	58.7	57.5	49.0	63.5	107.6	98.4	75.1	77.3	87.9
Transfer payments	282.7	379.0	379.4	559.2	501.0	628.3	569.0	353.2	252.8	195.7
Gross expenditures	799.5	880.0	890.0	985.8	1,013.6	1,243.9	1,145.8	872.9	810.8	737.1
Canadian Transportation Agency										
Operating	28.0	28.8	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1
Gross expenditures	28.0	28.8	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1
Transportation Appeal Tribunal of Canada										
Operating	1.4	1.7	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.3
Gross expenditures	1.4	1.7	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.3
Transportation Safety Board³										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	5.7	6.0	32.4	32.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	5.7	6.0	32.4	32.1
Infrastructure Canada										
Transfer payments	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.1	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	19.2	23.2	23.0	19.4	25.2	25.2
Capital	0.0	0.0	0.0	0.0	2.9	1.3	0.6	1.3	0.5	3.3
Transfer payments	0.0	0.0	0.0	0.0	0.6	0.5	0.5	0.2	0.4	0.3
Gross expenditures	0.0	0.0	0.0	0.0	22.7	25.0	24.1	20.9	26.1	28.8
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.4
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.4
Atlantic Canada Opportunities Agency										
Transfer payments	0.4	0.4	0.6	0.5	0.1	0.1	2.3	0.0	0.1	0.0
Gross expenditures	0.4	0.4	0.6	0.5	0.1	0.1	2.3	0.0	0.1	0.0
Economic Development Agency of Canada for the Regions of Quebec										
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
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	1.9	6.3	11.6	0.0	0.0	1.6
Gross expenditures	0.0	0.0	0.0	0.0	1.9	6.3	11.6	0.0	0.0	1.6
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1
Western Economic Diversification										
Transfer payments	0.5	0.9	0.5	0.8	0.3	0.9	0.1	0.0	0.6	5.2
Gross expenditures	0.5	0.9	0.5	0.8	0.3	0.9	0.1	0.0	0.6	5.2
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.5	0.6	0.3	0.1	0.5	0.7
Gross expenditures	0.0	0.0	0.0	0.0	0.5	0.6	0.3	0.1	0.5	0.7
National Research Council Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2
Gross expenditures	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6
Gross expenditures	0.0	0.0	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6
Total (federal government departments and agencies)										
Operating	460.1	472.8	484.2	407.9	501.2	563.5	537.8	500.1	571.0	547.9
Capital	86.2	58.7	57.5	49.0	66.4	108.9	99.0	76.4	77.8	91.2
Transfer payments	283.6	380.3	380.5	560.5	504.0	636.2	583.5	353.9	254.2	203.0
Gross expenditures	829.9	911.8	922.3	1,017.4	1,071.7	1,308.7	1,220.4	930.4	903.0	842.2

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2009/10–2018/19¹ (continued)

(Millions of dollars)

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
TOTAL (ALL MODES)										
Transport Canada²										
Operating	884.3	882.9	873.6	753.9	826.5	923.4	942.5	795.6	895.4	923.5
Capital	106.6	84.4	69.2	58.2	75.6	124.1	119.2	89.6	97.6	105.6
Transfer payments	362.7	411.0	426.7	608.0	526.4	646.9	591.0	379.2	277.0	276.1
Gross expenditures	1,353.7	1,378.3	1,369.4	1,420.1	1,428.5	1,694.3	1,652.7	1,264.4	1,270.0	1,305.2
Canadian Transportation Agency										
Operating	28.0	28.8	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1
Gross expenditures	28.0	28.8	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1
Transportation Appeal Tribunal of Canada³										
Operating	1.4	1.7	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.3
Gross expenditures	1.4	1.7	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.3
Transportation Safety Board⁴										
Operating	24.2	23.4	24.2	24.2	27.0	26.1	29.7	29.7	32.4	32.1
Gross expenditures	24.2	23.4	24.2	24.2	27.0	26.1	29.7	29.7	32.4	32.1
Department of Finance Canada⁵										
Transfer payments	545.2	335.2	342.6	355.1	372.6	382.6	390.1	371.3	213.9	227.6
Gross expenditures	545.2	335.2	342.6	355.1	372.6	382.6	390.1	371.3	213.9	227.6
Canadian Air Transport Security Authority										
Operating	603.9	573.1	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8
Gross expenditures	603.9	573.1	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8
Marine Atlantic										
Operating	123.5	210.9	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9
Gross expenditures	123.5	210.9	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9
VIA Rail Canada										
Operating	387.3	527.2	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2
Gross expenditures	387.3	527.2	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	25.8	19.4	8.5	72.8	9.6
Capital	0.0	0.0	0.0	0.0	0.0	14.9	46.9	19.7	568.1	109.1
Transfer payments	1,592.1	2,932.4	1,671.1	1,194.7	733.9	678.2	746.6	711.6	741.6	1,905.8
Gross expenditures	1,592.1	2,932.4	1,671.1	1,194.7	733.9	718.9	812.9	739.8	1,382.5	2,024.5
Federal Bridge Corporation										
Operating	2.1	0.4	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5
Gross expenditures	2.1	0.4	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5
The Jacques Cartier and Champlain Bridges										
Operating	78.2	90.0	97.3	109.1	151.6	245.0	247.3	284.3	133.0	116.4
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.3	50.4
Gross expenditures	78.2	90.0	97.3	109.1	151.6	245.0	247.3	284.3	179.2	166.8
Windsor-Detroit Bridge Authority⁶										
Operating	0.0	0.0	0.0	0.0	0.0	8.1	138.5	334.5	64.0	146.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	184.5
Gross expenditures	0.0	0.0	0.0	0.0	0.0	8.1	138.5	334.5	184.0	330.5
Canadian Coast Guard⁷										
Operating	572.1	567.1	539.4	562.4	620.0	529.9	652.3	700.5	782.7	869.6
Capital	240.5	248.2	187.8	219.2	200.6	241.9	450.3	423.3	483.5	1,046.4
Transfer payments	5.3	5.2	11.5	10.5	5.1	5.1	5.6	5.6	8.2	11.2
Gross expenditures	817.9	820.5	738.7	792.1	825.7	776.9	1,108.2	1,129.5	1,274.4	1,927.3
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	118.8	112.4	102.5	67.4	61.7	63.7	50.2	56.8	50.8	68.3
Capital	98.8	86.8	51.9	40.8	32.0	37.5	165.4	234.9	156.9	96.0
Transfer payments	3.5	7.2	9.2	7.1	5.0	3.2	2.3	4.5	3.4	4.0
Gross expenditures	221.0	206.4	163.6	115.3	98.7	104.5	217.9	296.2	211.1	168.3

Table G3 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Natural Resources Canada										
Operating	0.0	0.0	0.0	0.0	0.0	7.8	9.8	10.8	10.4	12.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.4	1.8	1.8
Transfer payments	0.0	0.0	0.0	0.0	0.0	6.2	4.4	6.6	35.2	23.8
Gross expenditures	0.0	0.0	0.0	0.0	0.0	14.0	16.6	21.8	47.4	38.4
Environment and Climate Change Canada										
Operating	0.0	0.0	0.0	0.0	19.2	23.2	23.0	19.4	25.2	25.2
Capital	0.0	0.0	0.0	0.0	2.9	1.9	5.3	4.4	0.5	11.3
Transfer payments	0.0	0.0	0.0	0.0	0.6	0.5	0.5	0.2	0.4	0.3
Gross expenditures	0.0	0.0	0.0	0.0	22.7	25.6	28.8	24.0	26.1	36.8
Department of Indigenous Services⁸										
Operating	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Transfer payments	106.6	100.1	107.2	96.9	81.2	112.9	119.5	154.5	175.6	139.8
Gross expenditures	106.9	100.4	107.5	97.0	81.2	113.0	119.6	154.5	175.7	140.0
National Capital Commission⁹										
Operating	3.1	1.4	1.4	2.0	5.0	3.9	4.7	0.0	0.0	0.0
Capital	0.8	0.8	0.8	1.0	0.0	0.0	0.0	5.6	4.7	6.9
Gross expenditures	3.9	2.2	2.2	3.0	5.0	3.9	4.7	5.6	4.7	6.9
Parks Canada Agency										
Operating	34.1	40.9	35.5	41.2	64.5	60.2	58.9	62.8	63.6	78.6
Capital	98.8	109.6	59.6	43.1	44.9	89.9	242.9	293.0	336.4	341.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
Gross expenditures	132.9	150.5	95.2	84.3	109.4	150.1	301.8	355.8	400.1	420.3
Public Services and Procurement Canada¹⁰										
Operating	27.6	35.4	30.3	117.8	151.6	133.1	249.6	288.4	218.0	327.4
Capital	55.3	53.4	25.4	28.4	15.1	16.8	35.5	36.6	2.0	0.0
Gross expenditures	82.9	88.8	55.6	146.2	166.7	149.9	285.1	325.0	220.0	327.4
PPP Canada¹¹										
Capital	0.0	0.0	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Transfer payments	1.9	1.9	2.2	1.9	4.3	8.3	13.9	13.1	8.7	15.4
Gross expenditures	1.9	1.9	2.2	1.9	4.3	8.3	13.9	13.1	8.7	15.4
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	15.5	9.8	5.7	4.8	7.4	3.1	4.0	3.6	6.6	0.3
Gross expenditures	15.5	9.8	5.7	4.8	7.4	3.1	4.0	3.6	6.6	0.3
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	10.6	7.2	32.4	20.6	16.6	25.1
Gross expenditures	0.0	0.0	0.0	0.0	10.6	7.2	32.4	20.6	16.6	25.1
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	5.4	3.2	0.7	1.6	2.0	2.1	3.6	2.2	1.5	1.8
Gross expenditures	5.4	3.2	0.7	1.6	2.0	2.1	3.6	2.2	1.5	1.8
Western Economic Diversification										
Transfer payments	3.9	1.2	1.8	2.1	6.5	6.5	4.1	3.7	15.7	80.2
Gross expenditures	3.9	1.2	1.8	2.1	6.5	6.5	4.1	3.7	15.7	80.2
Canadian Northern Economic Development Agency										
Transfer payments	3.8	5.1	0.3	0.6	0.6	1.0	0.3	3.6	1.3	0.7
Gross expenditures	3.8	5.1	0.3	0.6	0.6	1.0	0.3	3.6	1.3	0.7
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	4.1	5.2	5.1	4.7	6.5	6.4
Gross expenditures	0.0	0.0	0.0	0.0	4.1	5.2	5.1	4.7	6.5	6.4
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	46.6	53.1	50.7	48.1	53.8	44.6
Capital	0.0	0.0	0.0	0.0	12.8	15.8	13.4	18.3	11.8	12.1
Transfer payments	0.0	0.0	0.0	0.0	0.4	0.8	1.3	0.4	0.2	1.3
Gross expenditures	0.0	0.0	0.0	0.0	59.9	69.8	65.3	66.8	65.8	58.1

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2009/10–2018/19¹ (continued)

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6
Transfer payments	0.0	0.0	0.0	0.0	50.7	55.3	47.5	57.9	57.2	62.7
Gross expenditures	0.0	0.0	0.0	0.0	53.1	57.8	49.6	60.3	59.7	65.3
Total (federal government departments and agencies)										
Operating	2,889.1	3,096.0	2,941.7	2,844.8	3,142.7	3,305.9	3,905.6	3,888.1	3,688.4	4,140.3
Capital	600.7	583.2	416.9	392.4	383.8	542.9	1,081.3	1,129.8	1,829.6	1,965.6
Transfer payments	2,645.8	3,812.3	2,579.0	2,283.2	1,807.2	1,919.9	1,967.1	1,738.6	1,563.1	2,776.5
Gross expenditures	6,135.7	7,491.5	5,937.6	5,520.3	5,333.7	5,768.7	6,953.9	6,756.5	7,081.1	8,882.3

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. See notes for specific departments/agencies in the totals-by-department section at the end of this table.
2. Due to changes in how the public accounts are structured, some mode allocation has been moved to the "other" category.
3. TSB stopped allocating funds to modes. Expense data is recorded under the other category in 2018.
4. Effective November 1, 2014, reported under the Administrative Tribunals Support Service of Canada.
5. Includes tax expenditures and trust fund allocations.
6. Transferred from Transport Canada portfolio to Infrastructure Canada, effective November 4, 2015.
7. Marine transportation activities only.
8. Formerly Indigenous and Northern Affairs.
9. Allocated total to operating expenses for last three periods: no breakdown by type of spending provided.
10. Formerly Public Works and Government Services Canada.
11. PPP Canada has ceased operation at the end of 2017. There is no new information for 2016/17.

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, 2009/2010–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Federal fuel taxes										
Air Mode	46.7	88.6	83.9	97.2	82.3	86.5	78.4	66.8	93.1	123.6
Road Mode	4,142.3	4,228.8	4,202.9	4,227.5	4,290.4	4,317.6	4,349.9	4,496.3	4,501.1	4,483.0
Other Modes ¹	989.2	1,024.6	1,041.5	1,055.8	1,113.7	1,123.9	1,136.5	1,071.0	1,144.5	1,192.7
Total	5,178.3	5,342.1	5,328.3	5,380.5	5,486.4	5,527.9	5,564.8	5,634.1	5,738.7	5,799.3
Provincial/Territorial fuel taxes²										
Newfoundland and Labrador	154.5	168.9	168.6	170.7	170.7	185.7	193.2	309.1	258.1	205.4
Prince Edward Island	40.0	41.9	41.8	41.2	35.1	35.4	36.0	37.4	38.3	37.3
Nova Scotia	248.4	255.4	250.2	243.4	246.8	248.3	247.6	271.7	266.4	263.4
New Brunswick	198.1	210.8	246.6	239.5	240.1	242.8	284.5	285.5	289.5	255.0
Quebec	1,662.9	1,832.8	2,064.0	2,030.6	2,293.0	2,200.4	2,176.0	2,336.0	2,302.5	2,326.9
Ontario	2,994.3	3,060.4	3,090.4	3,100.2	3,081.1	3,186.1	3,210.1	3,367.9	3,461.0	3,483.0
Manitoba	155.9	161.4	151.1	151.1	315.6	311.7	321.1	334.7	341.9	366.3
Saskatchewan	441.5	463.1	475.5	496.0	509.8	515.4	479.2	488.6	525.1	555.6
Alberta	701.0	661.8	849.3	898.2	925.0	944.0	1,370.0	1,343.0	1,399.0	1,394.0
British Columbia	1,488.0	1,260.4	1,240.8	1,236.9	1,350.2	1,256.2	1,346.0	1,354.0	1,373.0	1,407.5
Yukon	6.8	8.2	8.0	8.1	8.2	7.9	7.7	8.2	8.0	7.9
Northwest Territories	14.0	16.1	18.9	18.6	17.7	18.4	20.5	21.3	20.7	20.9
Nunavut	7.7	5.9	5.0	5.3	4.7	5.5	9.0	9.3	14.0	18.0
Total (all provinces/territories)	8,113.2	8,147.1	8,610.2	8,639.9	9,198.0	9,157.7	9,700.9	10,166.7	10,297.5	10,341.1
Federal transportation-related sales tax revenues³										
Air Mode	116.7	129.7	141.6	152.4	161.2	172.3	179.3	184.1	199.1	203.0
Road Mode	5,172.6	5,456.5	5,692.9	5,872.4	6,149.1	6,294.0	6,203.6	6,447.7	7,101.1	7,243.1
Other Modes ⁴	86.6	88.4	91.2	94.0	97.5	100.9	105.0	109.8	114.4	116.7
Transportation-related sales tax revenues	5,375.8	5,674.5	5,925.7	6,118.8	6,407.8	6,567.1	6,487.9	6,741.6	7,414.6	7,562.8
Provincial/Territorial transportation-related sales tax revenues³										
Newfoundland and Labrador										
Air Mode	5.2	6.1	6.8	7.4	7.9	8.5	9.7	11.1	12.1	12.3
Road Mode	155.9	171.3	179.1	190.1	202.1	203.5	203.5	226.8	242.0	246.8
Transit	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8
Other Modes ⁴	2.2	2.1	2.3	2.4	2.5	2.5	2.6	3.0	3.4	3.5
Transportation-related sales tax revenues	163.8	180.1	188.8	200.5	213.2	215.2	216.5	241.6	258.3	263.4

Table G4 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Prince Edward Island										
Air Mode	0.0	0.0	0.0	0.2	1.0	1.8	1.9	2.1	2.3	2.4
Road Mode	26.6	29.1	29.4	35.5	49.3	54.3	54.7	59.4	65.2	66.5
Transit	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3
Other Modes ⁴	0.0	0.0	0.0	0.1	0.5	0.6	0.7	0.8	0.9	0.9
Transportation-related sales tax revenues	26.6	29.1	29.4	35.9	51.1	57.0	57.5	62.5	68.7	70.1
Nova Scotia										
Air Mode	8.4	9.3	8.3	9.0	9.4	10.4	11.5	12.0	12.9	13.2
Road Mode	258.6	303.8	337.2	353.4	376.9	378.9	367.6	377.5	405.6	413.7
Transit	1.5	1.8	2.0	1.8	1.8	1.9	1.9	1.9	1.9	1.9
Other Modes ⁴	3.7	4.2	4.6	4.7	4.7	4.8	4.9	5.1	5.5	5.6
Transportation-related sales tax revenues	272.1	319.0	352.1	368.9	392.8	396.0	386.0	396.5	425.8	434.3
New Brunswick										
Air Mode	3.8	3.8	3.4	3.9	4.7	5.0	5.8	6.5	7.5	7.6
Road Mode	205.4	226.2	237.2	242.0	257.4	264.3	268.6	304.2	336.2	342.9
Transit	0.5	0.6	0.6	0.5	0.4	0.5	0.4	0.5	0.5	0.5
Other Modes ⁴	1.8	1.9	2.0	2.1	2.0	2.0	2.2	2.4	2.8	2.9
Transportation-related sales tax revenues	211.5	232.5	243.2	248.4	264.5	271.8	277.0	313.6	347.0	353.9
Quebec										
Air Mode	17.4	18.8	23.4	25.9	26.2	27.5	27.6	28.3	31.3	31.9
Road Mode	1,959.3	2,179.6	2,517.5	2,768.6	2,852.3	2,870.8	2,827.9	2,910.7	3,113.4	3,175.6
Transit	13.5	15.2	16.9	18.8	19.8	20.5	20.2	20.0	19.6	20.0
Other Modes ⁴	27.6	29.5	34.6	38.4	39.4	40.6	42.4	44.4	46.9	47.8
Transportation-related sales tax revenues	2,017.9	2,243.1	2,592.4	2,851.6	2,937.7	2,959.3	2,918.0	3,003.2	3,211.2	3,275.4
Ontario										
Air Mode	6.8	32.8	50.4	52.7	51.7	54.9	59.4	60.5	65.9	67.2
Road Mode	2,421.8	3,106.5	3,623.7	3,738.0	4,003.6	4,247.8	4,356.8	4,600.0	4,985.9	5,085.6
Transit	3.0	15.0	23.8	24.6	24.8	24.0	22.6	22.8	23.0	23.5
Other Modes ⁴	7.5	37.6	60.2	61.6	63.4	65.8	69.4	73.1	75.9	77.4
Transportation-related sales tax revenues	2,439.1	3,191.8	3,758.1	3,876.9	4,143.5	4,392.5	4,508.1	4,756.4	5,150.7	5,253.7
Manitoba										
Road Mode	163.1	169.5	176.0	190.4	215.6	236.4	238.9	243.3	263.9	269.2
Transportation-related sales tax revenues	163.1	169.5	176.0	190.4	215.6	236.4	238.9	243.3	263.9	269.2
Saskatchewan										
Road Mode	94.0	95.5	103.1	111.1	120.2	126.4	129.1	135.4	157.2	160.3
Transportation-related sales tax revenues	94.0	95.5	103.1	111.1	120.2	126.4	129.1	135.4	157.2	160.3
British Columbia										
Air Mode	3.6	15.4	18.8	16.8	3.9	0.0	0.0	0.0	0.0	0.0
Road Mode	631.9	682.1	717.3	750.4	778.1	835.4	892.0	956.7	1,033.7	1,054.4
Transit	1.4	6.9	11.4	9.7	2.3	0.0	0.0	0.0	0.0	0.0
Other Modes ⁴	2.5	12.1	19.2	16.0	4.0	0.1	0.1	0.1	0.1	0.1
Transportation-related sales tax revenues	639.3	716.4	766.7	792.9	788.3	835.5	892.1	956.8	1,033.8	1,054.5
Total (all provinces/territories)⁶										
Air Mode	45.2	86.1	111.0	115.7	104.7	108.1	115.8	120.4	132.0	134.6
Road Mode	5,916.3	6,963.3	7,920.4	8,379.4	8,855.4	9,217.8	9,339.0	9,813.9	10,602.9	10,815.0
Transit	20.4	40.0	55.3	56.1	50.1	47.9	46.1	46.2	46.1	47.0
Other Modes ⁴	45.3	87.4	122.9	125.3	116.6	116.4	122.2	128.9	135.5	138.2
Transportation-related sales tax revenues	6,027.2	7,176.8	8,209.6	8,676.4	9,126.8	9,490.2	9,623.1	10,109.4	10,916.5	11,134.8
Federal transportation-related licences and fees										
Air Mode	0.0	0.0	0.0	0.0	0.0	0.0	15.9	13.2	16.8	14.5
Marine Mode	0.0	0.0	0.0	0.0	0.0	0.0	3.4	2.2	4.5	3.4
Rail Mode	0.0	0.0	0.0	0.0	0.0	0.0	2.9	4.6	4.6	3.0
Road Mode ⁷	5.3	5.0	4.8	4.0	3.9	3.0	9.6	9.4	9.3	9.1
Total (federal government departments and agencies)	5.3	5.0	4.8	4.0	3.9	3.0	31.8	29.3	35.2	30.1
Provincial/Territorial transportation-related licences and fees²										
Newfoundland and Labrador	70.2	62.3	68.3	73.5	73.5	79.0	86.2	99.2	96.8	92.6
Prince Edward Island	14.5	13.3	13.7	15.1	18.4	18.9	18.8	19.6	20.0	20.2
Nova Scotia	85.4	80.5	83.2	113.4	120.5	123.0	121.5	127.5	134.5	134.2
New Brunswick	101.4	103.5	113.7	120.0	125.7	127.9	132.0	138.3	143.0	144.5
Quebec	1,100.3	941.7	848.7	914.4	940.1	963.0	1,056.4	1,252.0	1,303.0	1,318.1
Ontario	1,057.4	1,080.4	1,081.3	1,132.8	1,255.5	1,441.1	1,576.3	1,741.8	1,971.1	2,054.8
Manitoba	137.3	152.8	157.5	173.9	171.1	177.3	178.1	181.4	184.0	187.5

Table G4 continues on the next page

Table G4: Government Revenues from Transport Users, 2009/2010–2018/19 (continued)

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Provincial/Territorial transportation-related licences and fees² (continued)										
Saskatchewan	158.3	161.1	173.2	183.1	188.4	190.4	200.7	197.5	189.9	204.9
Alberta	377.4	346.6	376.4	420.5	492.0	516.0	517.0	502.0	509.0	520.0
British Columbia	447.9	397.6	405.9	415.0	568.9	575.0	581.0	589.0	623.7	638.6
Yukon	4.1	4.6	4.6	4.5	4.9	5.8	6.1	6.9	6.7	7.2
Northwest Territories	3.9	3.8	3.9	3.8	9.2	9.3	10.1	10.1	17.1	19.4
Nunavut	0.1	0.3	0.4	0.3	0.7	0.7	0.5	0.5	1.0	0.5
Total (all provinces/territories)	3,558.1	3,348.5	3,330.8	3,570.3	3,968.9	4,227.4	4,484.7	4,865.8	5,199.8	5,342.5
Other federal transport-related revenues⁸										
Transport Canada										
Air Mode - user fees	13.5	13.3	14.0	15.7	15.5	15.0	14.2	15.4	14.5	14.8
Air Mode - other	304.9	297.1	323.4	329.7	340.9	357.6	368.4	448.3	408.5	440.0
Marine Mode - user fees	16.9	8.3	16.1	17.6	18.7	19.7	18.8	18.2	17.9	17.2
Marine Mode - other	20.9	32.3	26.1	28.1	27.4	28.0	28.9	30.1	29.6	30.8
Rail Mode - other	13.1	13.8	15.5	16.8	17.2	14.9	14.2	12.3	13.2	14.9
Road Mode - other	0.4	0.2	0.3	0.4	0.4	0.5	0.0	0.0	0.0	0.0
Other Modes - user fees	0.0	0.0	0.0	0.0	0.0	1.3	3.6	7.1	6.7	0.3
Other Modes - other	520.6	60.1	46.5	26.1	15.3	6.3	7.8	9.6	27.2	21.5
Total (Transport Canada)	890.2	425.1	441.9	434.4	435.4	443.1	455.9	541.0	517.6	539.5
Other federal departments/agencies										
Air Mode - user fees	374.0	601.0	631.0	634.0	653.0	708.0	723.0	766.0	823.0	859.0
Air Mode - other	0.0	0.0	0.0	9.2	18.3	40.4	15.3	14.8	24.6	25.4
Marine Mode - user fees	0.0	0.0	0.0	0.0	2.2	3.1	3.5	3.4	1.3	2.6
Marine Mode - other	44.2	40.5	41.9	96.3	110.1	112.3	185.0	223.0	150.4	285.6
Rail Mode - other	0.0	0.0	0.0	0.0	2.4	2.7	1.0	0.8	1.0	0.8
Road Mode - user fees	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Mode - other	0.0	0.0	0.0	29.2	35.8	56.8	95.3	90.8	91.7	64.4
Transit - other	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3
Other Modes - other	0.3	0.3	0.2	0.2	0.7	0.6	0.5	0.6	1.0	1.1
Total (other federal government departments and agencies)	419.4	642.3	673.4	768.9	822.6	923.9	1,023.6	1,099.5	1,093.2	1,239.2
Other provincial/territorial transport-related revenues⁹										
Nova Scotia - user fees	0.0	0.0	0.0	0.0	0.0	1.3	1.8	1.9	2.0	1.1
Nova Scotia - other	0.0	0.0	0.0	10.2	10.3	16.3	18.6	15.9	19.3	11.7
Quebec - user fees	0.0	0.0	809.4	842.2	913.5	960.2	245.7	256.9	268.0	279.1
Quebec - other	0.0	0.0	38.1	54.6	91.2	261.3	0.0	3.6	3.4	1.2
Ontario - user fees	42.5	48.2	43.0	50.7	45.1	34.1	45.2	74.2	51.3	45.2
Ontario - other	0.0	0.0	0.0	0.0	0.0	0.0	43.7	67.0	476.9	366.5
British Columbia - other	0.0	0.0	0.0	0.0	70.7	45.4	50.5	57.6	118.7	76.7
Northwest Territories - user fees	0.0	0.0	0.0	0.0	7.1	7.8	7.5	7.5	37.9	46.3
Northwest Territories - other	0.0	0.0	0.0	0.0	1.8	1.7	1.2	1.3	2.1	4.6
Nunavut - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.5
Total (all provinces/territories)	42.5	48.2	890.5	957.7	1,139.7	1,328.0	414.2	485.9	986.5	832.9

Notes:

1. Road, rail and other diesel fuel (no breakdown by mode available).
2. 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.
3. Sales tax for 2018/2019 was imputed.
4. Includes rail, marine and other expenditure categories where no breakdown exists.
5. Sales tax allocation moved from road to transit.
6. Alberta, Yukon, Northwest Territories and Nunavut do not have provincial/territorial sales taxes.
7. Revenues from the registrar of imported vehicles program.
8. 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).
9. 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, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	444.9	512.2	476.3	395.6	395.6	423.5	418.7	319.4	366.0	392.2
Prince Edward Island	124.6	121.8	127.1	121.7	108.8	114.9	119.4	108.6	120.0	126.9
Nova Scotia	420.9	520.3	602.5	603.5	624.6	631.5	604.7	623.9	603.7	688.7
New Brunswick	559.8	629.2	441.8	900.5	391.9	411.2	506.5	515.3	542.7	579.3
Quebec	4,606.3	4,994.8	5,259.0	7,100.5	10,005.8	9,604.6	7,190.5	7,538.3	8,885.7	8,169.8
Ontario	2,521.4	2,521.3	2,641.2	4,164.4	4,330.7	4,647.1	7,597.5	7,370.8	8,311.9	8,736.6
Manitoba	662.2	591.0	582.6	602.7	646.4	810.4	943.0	905.9	761.0	641.2
Saskatchewan	574.7	599.0	598.4	582.6	626.7	693.7	777.7	1,119.4	1,126.2	1,101.9
Alberta	3,160.1	2,684.9	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,228.6
British Columbia	2,306.5	2,668.8	2,297.0	2,371.0	2,448.5	2,467.4	2,457.5	2,334.1	2,218.8	2,485.7
Yukon	116.3	99.7	99.3	113.6	113.5	125.4	124.2	122.2	126.4	149.9
Northwest Territories	164.9	352.8	210.4	204.9	260.9	349.0	324.9	277.8	315.2	284.3
Nunavut	33.2	40.1	39.2	59.8	123.7	91.2	126.6	98.4	117.0	79.1
Total (all provinces/territories)	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,622.4	23,680.7	23,210.4	26,402.2	25,664.2
	(000s of persons)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Population by Province/Territory¹										
Newfoundland and Labrador	522.9	525.9	527.2	528.1	528.5	528.7	529.9	528.3	525.3	521.9
Prince Edward Island	142.7	144.4	144.5	144.1	144.5	144.9	148.0	151.5	155.1	157.9
Nova Scotia	944.2	945.0	943.3	940.1	939.0	938.3	946.1	954.1	964.4	976.8
New Brunswick	754.3	756.4	758.7	758.7	759.5	759.8	764.9	768.2	772.7	780.0
Quebec	7,955.0	8,021.9	8,078.4	8,124.7	8,165.4	8,190.0	8,249.5	8,330.9	8,417.5	8,522.8
Ontario	13,189.3	13,308.7	13,434.9	13,558.5	13,661.3	13,757.7	13,946.7	14,152.2	14,405.7	14,659.6
Manitoba	1,224.7	1,238.0	1,254.2	1,268.4	1,283.4	1,297.3	1,320.1	1,340.9	1,358.2	1,373.9
Saskatchewan	1,056.1	1,070.7	1,089.0	1,103.7	1,116.2	1,124.9	1,140.9	1,155.5	1,167.3	1,178.7
Alberta	3,747.2	3,807.7	3,900.3	4,010.9	4,106.1	4,159.5	4,210.1	4,260.5	4,321.7	4,395.6
British Columbia	4,483.6	4,525.7	4,590.5	4,658.9	4,737.7	4,803.0	4,881.8	4,949.9	5,027.2	5,105.6
Yukon	34.8	35.7	36.4	36.4	37.3	37.8	38.8	39.8	40.6	41.0
Northwest Territories	43.3	43.6	43.7	43.8	44.1	44.4	44.6	45.1	44.9	44.9
Nunavut	33.6	34.4	34.8	35.5	36.1	36.6	37.0	37.7	38.3	38.9
Total (all provinces/territories)	34,131.7	34,458.0	34,836.0	35,211.9	35,559.0	35,822.9	36,258.4	36,714.7	37,238.9	37,797.5
	(Dollars per capita)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Per Capita Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	851.0	973.9	903.5	749.1	748.6	801.0	790.1	604.5	696.8	751.5
Prince Edward Island	872.9	843.4	879.5	844.5	752.7	793.0	807.0	716.9	773.8	803.7
Nova Scotia	445.8	550.6	638.7	642.0	665.2	673.0	639.1	653.9	626.0	705.1
New Brunswick	742.2	831.8	582.3	1,186.9	516.0	541.2	662.2	670.8	702.3	742.7
Quebec	579.0	622.6	651.0	874.0	1,225.4	1,172.7	871.6	904.9	1,055.6	958.6
Ontario	191.2	189.4	196.6	307.1	317.0	337.8	544.8	520.8	577.0	596.0
Manitoba	540.7	477.4	464.5	475.1	503.7	624.7	714.3	675.6	560.3	466.7
Saskatchewan	544.2	559.5	549.5	527.9	561.5	616.7	681.6	968.8	964.8	934.9
Alberta	843.3	705.1	698.4	645.3	585.6	541.5	591.3	440.4	672.8	507.0
British Columbia	514.4	589.7	500.4	508.9	516.8	513.7	503.4	471.5	441.4	486.9
Yukon	3,344.1	2,794.3	2,724.9	3,116.2	3,046.5	3,321.1	3,204.3	3,067.8	3,113.7	3,654.1
Northwest Territories	3,807.6	8,093.5	4,817.4	4,683.6	5,921.2	7,855.4	7,291.2	6,154.6	7,023.3	6,332.3
Nunavut	989.6	1,166.1	1,124.6	1,682.5	3,426.1	2,491.6	3,417.3	2,608.9	3,054.7	2,034.8
Total (all provinces/territories)	459.9	474.1	462.1	562.6	632.2	631.5	653.1	632.2	709.0	679.0

Note:

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, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
AIR MODE										
Newfoundland and Labrador										
Operating	14.9	14.7	16.1	20.5	20.5	11.2	18.4	9.7	9.6	10.8
Capital	28.8	56.0	34.3	1.9	1.9	40.6	17.9	0.9	0.3	0.2
Operating and capital	43.7	70.7	50.4	22.4	22.4	51.8	36.3	10.6	9.9	11.0
Transfer payments	0.3	0.7	0.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Gross expenditures	44.0	71.4	50.6	23.6	23.6	51.8	36.3	10.6	9.9	11.0
Federal transfers to provinces/territories ¹	(0.3)	(0.3)	(1.8)	(1.2)	(1.2)	(2.6)	(2.3)	(1.2)	(1.3)	(0.9)
Net expenditures	43.7	71.1	48.8	22.4	22.4	49.2	34.0	9.4	8.6	10.1
Quebec										
Operating	24.4	26.7	32.6	35.0	29.0	18.4	70.8	70.4	78.8	100.0
Capital	0.0	0.0	0.0	0.0	0.0	24.1	26.8	26.8	26.0	24.7
Operating and capital	24.4	26.7	32.6	35.0	29.0	42.5	97.6	97.2	104.8	124.7
Transfer payments	8.4	8.5	8.1	7.9	2.9	2.9	0.0	0.0	0.0	0.0
Gross expenditures	32.8	35.2	40.7	42.9	31.9	45.4	97.6	97.2	104.8	124.7
Federal transfers to provinces/territories ¹	(6.0)	(0.1)	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Net expenditures	26.8	35.1	41.1	42.9	31.9	45.6	97.6	97.2	104.8	124.7
Ontario										
Operating	5.3	6.6	6.5	8.1	12.3	11.4	11.7	11.8	11.3	11.5
Capital	3.1	8.2	3.7	5.4	4.6	1.9	2.9	0.6	1.4	1.3
Net expenditures	8.4	14.8	10.2	13.5	16.9	13.3	14.6	12.4	12.7	12.8
Manitoba										
Operating	3.6	1.6	8.1	8.8	11.6	13.4	12.8	13.5	12.8	12.7
Capital	1.2	2.4	1.2	2.9	0.9	1.1	0.5	1.4	5.9	2.5
Operating and capital	4.8	4.0	9.3	11.7	12.5	14.5	13.3	14.9	18.7	15.2
Transfer payments	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	4.9	4.1	9.4	11.8	12.5	14.5	13.3	14.9	18.7	15.2
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	(0.3)	(0.8)	0.0	(1.1)	(0.9)	(6.3)	0.0
Net expenditures	4.9	4.1	9.4	11.5	11.7	14.5	12.2	14.0	12.4	15.2
Saskatchewan										
Operating	1.8	1.9	2.0	3.0	2.0	2.0	2.0	2.0	2.0	1.8
Capital	0.5	0.5	0.0	0.0	0.0	0.2	14.6	0.0	0.0	1.6
Operating and capital	2.2	2.4	2.0	3.0	2.0	2.2	16.6	2.0	2.0	3.4
Transfer payments	0.1	0.1	0.1	0.8	0.7	0.7	0.0	0.0	0.0	0.0
Net expenditures	2.3	2.5	2.1	3.8	2.7	2.9	16.6	2.0	2.0	3.4
Alberta										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
Transfer payments	3.2	2.4	1.0	2.6	1.5	0.0	0.1	0.0	0.0	0.0
Net expenditures	3.2	2.4	1.0	2.6	1.5	0.0	0.1	0.0	0.0	1.9
British Columbia										
Transfer payments	3.4	0.0	0.0	0.0	0.0	0.0	3.7	5.9	10.7	5.3
Net expenditures	3.4	0.0	0.0	0.0	0.0	0.0	3.7	5.9	10.7	5.3
Yukon										
Operating	8.3	8.7	9.5	10.2	10.9	10.8	11.4	11.8	12.5	12.5
Capital	13.5	5.6	3.5	5.0	9.8	13.3	5.9	5.7	5.7	21.9
Operating and capital	21.8	14.3	12.9	15.2	20.7	24.1	17.2	17.5	18.2	34.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Gross expenditures	21.8	14.3	12.9	15.2	20.7	24.1	17.2	17.6	18.2	34.4
Federal transfers to provinces/territories ¹	(5.0)	(0.0)	(0.2)	(0.3)	(0.1)	(5.0)	(1.8)	(2.1)	(1.9)	(2.1)
Net expenditures	16.7	14.3	12.7	14.9	20.6	19.2	15.4	15.6	16.3	32.3
Northwest Territories										
Operating	18.5	23.2	24.1	16.2	29.6	26.2	30.0	27.6	29.8	30.6
Capital	16.6	20.4	10.7	6.6	4.3	6.0	2.4	4.4	2.0	3.1
Operating and capital	35.0	43.7	34.8	22.8	34.0	32.2	32.4	32.0	31.7	33.7
Transfer payments	0.0	0.0	0.0	0.0	0.3	7.4	1.6	1.0	3.4	0.3
Gross expenditures	35.0	43.7	34.8	22.8	34.2	39.6	34.0	33.0	35.1	34.1
Federal transfers to provinces/territories ¹	(0.8)	0.0	(0.3)	(0.2)	(0.3)	(7.4)	(1.6)	(3.4)	(3.4)	(0.3)
Net expenditures	34.3	43.7	34.5	22.6	34.0	32.2	32.4	32.0	31.7	33.7
Nunavut										
Operating	13.2	17.7	17.6	22.3	24.2	21.9	24.5	24.7	30.0	41.8
Capital	6.9	6.3	8.1	8.3	71.8	62.7	91.8	66.6	68.7	12.0
Operating and capital	20.1	24.0	25.7	30.6	96.0	84.6	116.3	91.3	98.7	53.8
Transfer payments	4.9	5.9	1.9	18.0	23.5	3.4	6.7	0.0	3.0	0.5
Gross expenditures	24.9	29.9	27.5	48.6	119.5	88.0	123.0	91.3	101.7	54.3

Table G6 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Nunavut (continued)										
Federal transfers to provinces/territories ¹	(4.9)	(5.9)	(1.9)	(18.0)	(23.5)	(3.4)	(6.7)	0.0	(3.0)	(0.5)
Net expenditures	20.1	24.0	25.7	30.6	96.0	84.6	116.3	91.3	98.7	53.8
Total (all provinces/territories)										
Operating	90.0	101.1	116.4	124.0	140.1	115.4	181.6	171.5	186.8	223.6
Capital	70.5	99.4	61.4	30.1	93.3	149.9	162.8	106.3	110.0	67.3
Operating and capital	160.5	200.6	177.8	154.2	233.4	265.3	344.4	277.8	296.8	290.9
Transfer payments	20.4	17.6	11.4	30.6	30.1	14.4	12.1	7.1	17.1	6.1
Gross expenditures	180.8	218.2	189.2	184.8	263.5	279.7	356.5	284.9	313.9	297.0
Federal transfers to provinces/territories ¹	(17.0)	(6.3)	(3.8)	(20.0)	(25.9)	(18.2)	(13.5)	(5.1)	(15.9)	(3.8)
Net expenditures	163.8	211.9	185.4	164.8	237.7	261.5	343.0	279.7	298.0	293.2
MARINE MODE										
Newfoundland and Labrador										
Operating	66.3	66.4	82.5	77.7	77.7	87.8	79.5	84.0	76.6	79.5
Capital	24.1	27.6	5.9	5.4	5.4	31.1	25.0	5.2	9.1	7.3
Operating and capital	90.4	94.0	88.4	83.1	83.1	118.9	104.5	89.2	85.7	86.8
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(1.6)	0.0
Net expenditures	90.4	94.0	88.4	83.1	83.1	118.9	104.5	89.2	84.1	86.8
Nova Scotia										
Operating	8.6	10.5	10.2	10.2	10.5	10.2	10.5	10.4	11.9	12.5
Capital	0.0	0.0	0.0	0.6	0.7	3.9	4.1	3.4	1.5	3.2
Net expenditures	8.6	10.5	10.2	10.8	11.2	14.2	14.6	13.7	13.4	15.7
New Brunswick										
Operating	14.3	14.8	18.5	22.3	21.6	22.6	21.0	21.2	22.0	24.6
Capital	19.4	51.2	21.6	4.4	4.1	7.4	13.6	5.0	9.2	10.0
Net expenditures	33.7	66.0	40.1	26.7	25.7	30.0	34.6	26.2	31.2	34.6
Quebec										
Operating	10.7	0.9	91.2	96.0	95.3	120.7	139.7	118.5	137.4	157.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	373.6
Operating and capital	10.7	0.9	91.2	96.0	95.3	120.7	139.7	118.5	146.7	530.6
Transfer payments	15.0	7.2	4.9	4.9	4.8	4.8	0.0	0.0	0.0	0.0
Net expenditures	25.6	8.1	96.1	100.9	100.1	125.5	139.7	118.5	146.7	530.6
Ontario										
Operating	12.5	11.6	11.6	13.1	12.0	12.3	12.0	12.3	13.5	14.6
Capital	0.0	0.0	0.0	0.0	0.0	0.0	15.6	14.8	50.9	52.0
Operating and capital	12.5	11.6	11.6	13.1	12.0	12.3	27.6	27.1	64.4	66.6
Transfer payments	4.5	5.3	6.3	6.1	6.4	6.9	9.0	11.8	8.7	9.4
Net expenditures	17.0	16.9	17.9	19.2	18.4	19.2	36.6	38.9	73.1	76.0
Manitoba										
Operating	0.6	0.0	0.0	1.0	3.8	3.5	3.9	3.8	3.7	3.5
Capital	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.6	0.0	0.0	3.7	3.8	3.5	3.9	3.8	3.7	3.5
Transfer payments	0.0	4.0	5.0	0.0	0.3	0.0	1.1	0.0	0.0	0.0
Gross expenditures	0.6	4.0	5.0	3.7	4.1	3.5	5.0	3.8	3.7	3.5
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(2.3)			0.0	0.0	0.0
Net expenditures	0.6	4.0	5.0	3.7	1.8	2.5	4.0	3.8	3.7	3.5
Saskatchewan										
Operating	3.7	3.7	4.0	3.5	3.6	3.7	3.7	4.0	3.5	3.2
Capital	0.0	0.0	0.7	3.0	2.2	0.5	1.8	0.0	0.0	1.7
Net expenditures	3.7	3.7	4.7	6.6	5.8	4.2	5.5	4.0	3.5	4.9
Alberta										
Operating	2.1	2.0	2.2	2.0	1.6	2.1	1.5	1.8	1.9	2.2
Net expenditures	2.1	2.0	2.2	2.0	1.6	2.1	1.5	1.8	1.9	2.2
British Columbia										
Operating	19.0	19.0	20.7	21.3	20.8	22.6	24.6	25.6	26.8	28.6
Transfer payments	170.0	171.0	177.0	201.3	198.0	193.1	189.4	192.0	193.0	220.2
Gross expenditures	189.0	190.0	197.7	222.6	218.8	215.7	214.0	217.6	219.8	248.8
Federal transfers to provinces/territories ¹	(26.9)	(26.9)	(27.5)	(28.1)	(28.5)	(28.4)	(28.7)	(29.1)	(29.8)	(30.5)
Net expenditures	162.1	163.1	170.2	194.5	190.3	187.3	185.3	188.5	190.0	218.3
Yukon										
Operating	0.0	0.0	0.0	0.0	0.0	1.4	1.5	1.5	1.5	1.5
Capital	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.5	0.8
Net expenditures	0.0	0.0	0.0	0.0	0.0	1.6	1.7	1.9	2.0	2.3
Northwest Territories										
Operating	4.7	5.1	5.9	5.0	8.1	7.8	8.7	7.6	37.4	54.5
Capital	16.6	20.4	10.7	6.6	1.0	1.0	1.0	0.3	4.2	2.0
Operating and capital	21.3	25.6	16.5	11.6	9.1	8.8	9.7	7.9	41.6	56.6

Table G6 continues on the next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Northwest Territories (continued)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0.2)
Net expenditures	21.3	25.6	16.5	11.6	9.1	8.8	9.7	7.9	41.6	56.4
Nunavut										
Operating	0.5	0.7	0.2	0.2	0.2	0.2	0.3	0.5	0.3	0.3
Capital	6.9	6.3	8.1	8.3	1.7	0.4	0.6	0.9	1.6	14.1
Operating and capital	7.4	7.0	8.2	8.5	1.9	0.6	0.9	1.4	1.9	14.4
Transfer payments	0.0	0.6	0.5	0.5	0.0	0.0	0.0	0.0	3.1	0.0
Gross expenditures	7.4	7.6	8.7	9.0	1.9	0.6	0.9	1.4	5.0	14.4
Federal transfers to provinces/territories ¹	0.0	(0.6)	(0.5)	(0.5)	0.0	0.0	0.0	0.0	(3.1)	0.0
Net expenditures	7.4	7.0	8.2	8.5	1.9	0.6	0.9	1.4	1.9	14.4
Total (all provinces/territories)										
Operating	142.9	134.7	246.9	252.4	255.2	295.0	306.9	291.2	336.5	382.0
Capital	67.0	105.5	46.9	31.1	15.1	44.5	61.9	30.0	86.3	464.8
Operating and capital	209.9	240.2	293.8	283.4	270.3	339.5	368.8	321.1	422.8	846.8
Transfer payments	189.5	188.1	193.7	212.8	209.5	204.8	199.5	203.8	204.8	229.4
Gross expenditures	399.3	428.4	487.4	496.2	479.8	544.3	568.3	524.9	627.6	1,076.2
Federal transfers to provinces/territories ¹	(26.9)	(27.5)	(28.0)	(28.6)	(30.8)	(29.4)	(29.7)	(29.1)	(34.5)	(30.5)
Net expenditures	372.4	400.9	459.4	467.6	449.0	514.9	538.6	495.8	593.1	1,045.7
RAIL MODE										
New Brunswick										
Operating	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5
Capital	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.0	0.1
Net expenditures	0.5	0.4	0.5	0.6	0.7	0.5	0.7	0.6	0.5	0.6
Quebec²										
Operating	0.0	0.0	0.0	0.0	0.0	1.0	1.8	3.3	6.1	0.0
Capital	0.0	0.0	0.0	0.0	0.0	3.7	3.9	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	0.0	0.0	4.7	5.7	3.3	6.1	0.0
Transfer payments	8.0	8.5	1.9	1.7	2.0	2.0	0.0	0.0	0.0	0.0
Gross expenditures	8.0	8.5	1.9	1.7	2.0	6.7	5.7	3.3	6.1	0.0
Federal transfers to provinces/territories ¹	(5.3)	(3.9)	(4.0)	(7.5)	(7.5)	(7.5)	(12.8)	(0.1)	0.0	0.0
Net expenditures	2.7	4.6	(2.1)	(5.7)	(5.5)	(0.8)	(7.1)	3.2	6.1	0.0
Ontario										
Operating	1.0	1.4	1.0	0.7	0.7	1.0	0.8	1.3	1.6	1.5
Operating and capital	1.0	1.4	1.0	0.7	0.7	1.0	0.8	1.3	1.6	1.5
Transfer payments	52.6	66.2	75.7	87.0	111.5	83.2	94.8	79.3	85.4	103.0
Net expenditures	53.6	67.6	76.7	87.7	112.2	84.2	95.6	80.6	87.0	104.5
Manitoba										
Operating	0.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	7.5	0.8	1.2	0.0	1.7	0.0	0.0	0.0	0.0	0.0
Gross expenditures	8.1	0.8	1.2	0.4	1.7	0.0	0.0	0.0	0.0	0.0
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(1.7)	0.0	0.0	0.0	(1.0)	0.0
Net expenditures	8.1	0.8	1.2	0.4	0.0	0.0	0.0	0.0	(1.0)	0.0
Saskatchewan										
Operating	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.6	1.0	1.0
Net expenditures	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.6	1.0	1.0
Total (all provinces/territories)										
Operating	3.2	3.0	2.6	2.8	2.4	3.7	4.4	6.6	9.2	3.0
Capital	0.1	0.0	0.1	0.1	0.2	3.8	4.1	0.2	0.0	0.1
Operating and capital	3.3	3.0	2.7	2.9	2.6	7.5	8.5	6.8	9.2	3.1
Transfer payments	68.1	75.5	78.8	88.7	115.2	85.2	94.8	79.3	85.4	103.0
Gross expenditures	71.3	78.5	81.5	91.6	117.8	92.7	103.3	86.1	94.6	106.1
Federal transfers to provinces/territories ¹	(5.3)	(3.9)	(4.0)	(7.5)	(9.2)	(7.5)	(12.8)	(0.1)	(1.0)	0.0
Net expenditures	66.0	74.6	77.5	84.2	108.6	85.2	90.5	86.0	93.6	106.1
ROAD MODE										
Newfoundland and Labrador										
Operating	207.5	211.5	202.1	170.0	170.0	152.8	189.4	180.9	159.3	170.0
Capital	103.0	135.3	135.2	118.9	118.9	100.0	88.5	38.7	111.1	124.4
Gross expenditures	310.5	346.8	337.3	288.9	288.9	252.8	277.9	219.6	270.4	294.4
Federal transfers to provinces/territories ¹	(59.8)	(37.5)	(28.3)	(17.3)	(17.3)	(3.3)	(11.0)	(58.0)	(28.9)	(40.6)
Net expenditures	250.7	309.3	309.0	271.6	271.6	249.5	266.9	161.6	241.5	253.8

Table G6 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Prince Edward Island										
Operating	65.6	62.0	88.3	82.3	69.7	76.3	70.3	68.3	70.4	74.3
Capital	58.9	59.6	38.7	39.3	39.0	38.5	49.0	39.2	49.0	52.6
Gross expenditures	124.5	121.6	127.0	121.6	108.7	114.8	119.3	107.5	119.4	126.9
Federal transfers to provinces/territories ¹	(0.3)	(5.8)	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)	(13.7)	(22.3)	(17.5)
Net expenditures	124.2	115.8	122.4	118.5	98.7	105.7	110.2	93.8	97.1	109.4
Nova Scotia										
Operating	176.3	209.8	334.2	342.0	364.4	387.6	368.4	387.9	378.2	391.3
Capital	236.0	300.0	258.2	250.8	249.1	229.8	221.8	222.3	212.1	281.6
Gross expenditures	412.3	509.8	592.4	592.7	613.4	617.3	590.2	610.2	590.3	673.0
Federal transfers to provinces/territories ¹	0.0	0.0	(19.4)	(20.5)	(18.9)	(22.5)	(32.0)	(23.7)	(16.2)	(38.0)
Net expenditures	412.3	509.8	573.0	572.3	594.5	594.8	558.1	586.5	574.1	634.9
New Brunswick										
Operating	174.5	156.6	156.1	152.8	129.5	137.2	128.0	130.7	144.3	160.0
Capital	351.1	406.2	245.1	720.4	236.0	243.5	343.2	357.7	366.7	384.1
Gross expenditures	525.6	562.8	401.2	873.2	365.5	380.7	471.2	488.5	511.0	544.1
Federal transfers to provinces/territories ¹	(49.7)	(54.7)	(45.4)	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(27.0)	(28.4)
Net expenditures	475.9	508.1	355.8	651.9	348.6	372.9	452.8	474.9	484.0	515.7
Quebec										
Operating	695.3	753.2	805.4	847.3	3,014.1	3,110.0	3,721.5	3,014.2	3,942.7	3,355.9
Capital	3,055.0	3,369.1	3,455.2	3,191.1	3,279.9	2,801.7	2,438.9	3,159.8	2,795.0	2,338.1
Operating and capital	3,750.4	4,122.3	4,260.6	4,038.4	6,294.0	5,911.7	6,160.4	6,174.0	6,737.7	5,694.0
Transfer payments	196.5	200.9	199.2	138.6	203.3	203.3	0.0	0.0	0.0	0.0
Gross expenditures	3,946.8	4,323.1	4,459.8	4,177.0	6,497.3	6,115.0	6,160.4	6,174.0	6,737.7	5,694.0
Federal transfers to provinces/territories ¹	(5.5)	(80.2)	(77.3)	(112.3)	(99.5)	(75.2)	(52.7)	(49.7)	(233.0)	(302.1)
Net expenditures	3,941.3	4,242.9	4,382.4	4,064.7	6,397.8	6,039.8	6,107.7	6,124.3	6,504.7	5,391.9
Ontario										
Operating	471.3	466.5	453.7	468.8	472.2	495.7	515.3	522.8	576.5	654.9
Capital	683.9	722.3	791.2	929.7	1,049.6	988.6	3,285.0	2,994.6	3,171.1	3,149.3
Operating and capital	1,155.2	1,188.8	1,244.9	1,398.5	1,521.8	1,484.3	3,800.3	3,517.4	3,747.6	3,804.2
Transfer payments	53.8	29.5	23.5	27.3	22.5	44.3	34.1	77.3	41.7	61.7
Gross expenditures	1,209.0	1,218.3	1,268.4	1,425.8	1,544.3	1,528.6	3,834.4	3,594.7	3,789.3	3,865.9
Federal transfers to provinces/territories ¹	(16.2)	(43.0)	(33.3)	(33.4)	(37.4)	(35.0)	(43.8)	(67.0)	0.0	0.0
Net expenditures	1,192.8	1,175.3	1,235.1	1,392.4	1,506.9	1,493.6	3,790.6	3,527.7	3,789.3	3,865.9
Manitoba										
Operating	200.8	156.3	166.1	168.5	190.8	200.2	195.2	218.8	213.1	183.8
Capital	380.4	361.9	347.7	286.1	315.8	454.2	549.8	520.1	444.0	347.3
Operating and capital	581.2	518.2	513.8	454.6	506.6	654.4	745.0	738.9	657.1	531.1
Transfer payments	29.7	23.1	1.8	1.8	45.4	69.2	101.3	66.3	80.2	72.7
Gross expenditures	610.9	541.3	515.6	456.4	552.0	723.6	846.3	805.2	737.3	603.8
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	(35.8)	(68.1)	(87.8)	(76.1)	(67.9)	(64.8)	76.5
Net expenditures	610.9	541.3	515.6	420.6	483.9	635.8	770.2	737.3	672.4	680.3
Saskatchewan										
Operating	248.2	219.8	268.4	233.6	233.6	258.2	229.6	236.2	205.4	214.8
Capital	259.7	302.3	295.3	296.3	347.1	390.9	501.0	851.5	887.5	853.8
Operating and capital	507.9	522.1	563.7	529.8	580.7	649.1	730.6	1,087.7	1,092.9	1,068.6
Transfer payments	59.7	69.5	26.8	41.3	36.3	36.2	23.7	24.1	26.8	24.0
Gross expenditures	567.6	591.7	590.5	571.1	617.0	685.3	754.3	1,111.8	1,119.7	1,092.6
Federal transfers to provinces/territories ¹	(80.2)	(90.0)	(54.9)	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)
Net expenditures	487.3	501.7	535.6	547.6	594.0	657.3	695.3	980.6	1,021.3	1,039.5
Alberta										
Operating	488.8	475.0	520.9	598.3	640.8	661.9	591.3	609.7	652.6	637.2
Capital	1,349.1	1,235.8	1,298.3	1,198.9	1,034.5	1,127.4	1,432.2	904.2	1,108.2	1,045.3
Operating and capital	1,837.9	1,710.8	1,819.2	1,797.2	1,675.3	1,789.2	2,023.5	1,513.9	1,760.7	1,682.4
Transfer payments	1,279.7	866.1	665.0	656.0	476.6	221.7	214.1	221.5	308.5	250.1
Gross expenditures	3,117.6	2,576.9	2,484.2	2,453.2	2,151.9	2,010.9	2,237.6	1,735.4	2,069.2	1,932.6
Federal transfers to provinces/territories ¹	(306.9)	(577.2)	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)
Net expenditures	2,810.7	1,999.7	2,066.7	2,110.3	1,947.8	1,724.5	2,005.0	1,467.3	1,745.8	1,478.3
British Columbia										
Operating	804.8	930.5	759.5	715.5	714.3	903.0	837.0	808.0	896.0	921.7
Capital	923.1	1,084.7	925.3	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0
Operating and capital	1,727.9	2,015.2	1,684.8	1,724.4	1,734.3	1,729.0	1,710.0	1,635.6	1,607.0	1,777.7
Transfer payments	25.2	19.6	19.5	37.4	19.4	24.9	77.5	56.8	84.0	100.0
Gross expenditures	1,753.1	2,034.8	1,704.3	1,761.8	1,753.7	1,753.9	1,787.5	1,692.4	1,691.0	1,877.7
Federal transfers to provinces/territories ¹	(198.8)	(296.9)	(145.0)	(146.4)	(126.7)	(93.0)	(163.0)	(112.0)	(120.0)	(29.0)
Net expenditures	1,554.3	1,737.9	1,559.3	1,615.4	1,627.0	1,660.9	1,624.5	1,580.4	1,571.0	1,848.7

Table G6 continues on the next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Yukon										
Operating	40.1	39.4	41.5	44.3	48.7	50.3	53.1	52.9	52.3	52.9
Capital	54.5	45.9	44.8	54.0	43.2	48.8	51.5	49.1	52.4	59.8
Operating and capital	94.5	85.3	86.3	98.3	91.9	99.1	104.6	102.0	104.7	112.7
Transfer payments	0.0	0.0	0.0	0.0	1.0	0.4	0.4	0.5	0.8	0.4
Gross expenditures	94.6	85.3	86.3	98.4	92.9	99.4	105.0	102.5	105.6	113.1
Federal transfers to provinces/territories ¹	(8.9)	(13.2)	(8.3)	(7.8)	(5.6)	(14.1)	(13.3)	(19.1)	(27.1)	(11.6)
Net expenditures	85.7	72.1	78.1	90.5	87.3	85.3	91.8	83.4	78.5	101.5
Northwest Territories										
Operating	33.5	59.9	67.4	79.0	71.3	73.5	77.1	77.3	80.3	87.5
Capital	61.0	207.3	76.3	77.6	116.2	133.4	112.3	83.4	90.3	64.8
Operating and capital	94.5	267.2	143.7	156.6	187.4	206.9	189.3	160.7	170.6	152.3
Transfer payments	0.0	0.0	0.0	0.0	19.1	80.6	80.0	65.1	55.0	30.1
Gross expenditures	94.5	267.2	143.7	156.6	206.5	287.5	269.4	225.8	225.6	182.3
Federal transfers to provinces/territories ¹	(3.7)	(42.4)	(22.4)	(39.7)	(19.1)	(80.6)	(80.0)	(65.1)	(55.0)	(30.1)
Net expenditures	90.8	224.8	121.3	116.9	187.4	206.9	189.3	160.7	170.6	152.3
Nunavut										
Operating	0.5	0.7	2.9	2.2	2.3	2.6	2.7	3.0	6.7	5.5
Capital	0.4	0.5	0.0	0.0	0.0	0.0	0.0	2.7	2.8	3.5
Operating and capital	0.9	1.2	2.9	2.2	2.3	2.6	2.7	5.7	9.5	9.0
Transfer payments	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4
Gross expenditures	0.9	2.6	2.9	2.2	2.3	2.6	2.7	5.7	10.3	10.4
Federal transfers to provinces/territories ¹	0.0	(1.3)	0.0	0.0	0.0	0.0	0.0	0.0	(0.8)	(1.4)
Net expenditures	0.9	1.3	2.9	2.2	2.3	2.6	2.7	5.7	9.5	9.0
Total (all provinces/territories)										
Operating	3,607.1	3,741.2	3,866.4	3,904.5	6,121.7	6,509.3	6,978.7	6,310.7	7,377.8	6,909.7
Capital	7,516.2	8,231.0	7,911.3	8,171.9	7,849.2	7,382.6	9,946.2	10,050.9	10,001.2	9,560.6
Operating and capital	11,123.3	11,972.1	11,777.7	12,076.4	13,970.8	13,891.9	16,925.0	16,361.7	17,379.0	16,470.4
Transfer payments	1,644.6	1,210.0	935.9	902.4	823.6	680.5	531.1	511.5	597.8	540.4
Gross expenditures	12,767.8	13,182.2	12,713.6	12,978.8	14,794.4	14,572.5	17,456.1	16,873.2	17,976.8	17,010.7
Federal transfers to provinces/territories ¹	(730.1)	(1,242.2)	(856.4)	(1,004.0)	(646.6)	(742.9)	(791.0)	(889.0)	(1,016.9)	(929.5)
Net expenditures	12,037.7	11,939.9	11,857.2	11,974.8	14,147.8	13,829.6	16,665.1	15,984.1	16,959.8	16,081.2
TRANSIT										
Prince Edward Island										
Operating	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.7	0.4	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0
Net expenditures	0.0	0.0	0.0	0.0	0.1	0.1	0.1	1.1	0.6	0.0
New Brunswick										
Federal transfers to provinces/territories ¹	0.0	(35.7)	(58.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	(35.7)	(58.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec³										
Operating	0.0	0.0	0.0	1,603.1	1,922.9	1,696.3	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	475.3	707.5	684.4	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	2,078.4	2,630.4	2,380.7	0.0	0.0	0.0	0.0
Transfer payments ³	439.5	486.2	510.1	552.9	600.5	787.7	787.1	1,145.3	1,890.4	1,820.5
Gross expenditures	439.5	486.2	510.1	2,631.3	3,230.9	3,168.4	787.1	1,145.3	1,890.4	1,820.5
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	(54.9)	(78.0)	(31.5)	(59.5)	(10.6)
Net expenditures	439.5	486.2	510.1	2,631.3	3,230.9	3,113.5	709.1	1,113.8	1,830.9	1,809.9
Ontario										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	7.9
Transfer payments	1,099.1	1,062.3	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9	3,485.3	4,191.1	4,508.0
Gross expenditures	1,099.1	1,062.3	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9	3,485.3	4,194.5	4,515.9
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	(1,659.7)	(1,625.7)	(2,017.8)	(2,408.6)
Net expenditures	1,099.1	1,062.3	1,129.1	2,476.0	2,504.9	2,868.2	1,791.2	1,859.6	2,176.7	2,107.3
Manitoba										
Operating	0.0	27.1	32.7	25.8	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	7.0	9.6	17.5	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	34.1	42.3	43.3	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	36.9	0.0	2.2	3.0	48.2	40.9	50.5	52.6	1.3	18.7
Gross expenditures	36.9	34.1	44.5	46.3	48.2	40.9	50.5	52.6	1.3	18.7
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	(16.4)	(1.5)	(5.6)	(5.9)	(9.3)	33.0
Net expenditures	36.9	34.1	44.5	46.3	31.8	39.4	44.9	46.7	(8.0)	51.7
Alberta										
Transfer payments	0.0	70.0	199.9	93.2	216.0	208.5	215.1	103.9	824.9	276.8
Net expenditures	0.0	70.0	199.9	93.2	216.0	208.5	215.1	103.9	824.9	276.8

Table G6 continues on the next page

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
British Columbia										
Operating	69.0	147.0	96.0	209.7	299.9	328.0	287.4	212.3	74.8	105.0
Transfer payments	292.0	297.0	299.0	176.9	176.1	169.8	164.9	205.9	222.5	248.9
Net expenditures	361.0	444.0	395.0	386.6	476.0	497.8	452.3	418.2	297.3	353.9
Yukon										
Capital	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.6	0.1
Nunavut										
Federal transfers to provinces/territories ¹	0.0	(15.0)	(15.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	(15.0)	(15.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total (all provinces/territories)										
Operating	69.0	174.1	128.7	1,838.6	2,222.9	2,024.4	287.5	213.0	78.6	112.9
Capital	0.0	7.0	9.6	492.8	707.5	684.5	0.1	0.1	0.4	0.0
Operating and capital	69.0	181.1	138.3	2,331.4	2,930.4	2,708.9	287.6	213.1	79.0	112.9
Transfer payments	1,867.5	1,915.5	2,140.3	3,301.9	3,545.7	4,075.2	4,668.6	4,993.5	7,130.5	6,873.0
Gross expenditures	1,936.5	2,096.6	2,278.6	5,633.3	6,476.1	6,784.1	4,956.2	5,206.6	7,209.5	6,985.9
Federal transfers to provinces/territories ¹	0.0	(50.7)	(73.3)	0.0	(16.4)	(56.4)	(1,743.3)	(1,663.1)	(2,086.6)	(2,386.2)
Net expenditures	1,936.5	2,045.9	2,205.3	5,633.3	6,459.7	6,727.7	3,212.9	3,543.5	5,122.9	4,599.7
OTHER MODES										
Prince Edward Island										
Operating	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Quebec										
Operating	114.5	99.1	128.6	119.6	113.4	113.4	0.0	0.0	0.0	0.0
Transfer payments	39.1	34.4	22.0	27.1	30.2	30.2	0.0	0.0	0.0	0.0
Net expenditures	153.6	133.5	150.5	146.7	143.6	143.6	0.0	0.0	0.0	0.0
Ontario										
Operating	133.8	138.5	134.9	141.9	133.4	133.0	154.7	142.6	138.9	145.5
Capital	0.5	2.9	4.0	0.3	0.6	0.6	10.7	16.3	16.4	16.0
Net expenditures	134.3	141.4	138.9	142.2	134.0	133.6	165.4	158.9	155.3	161.5
Manitoba										
Operating	0.6	2.5	2.4	74.4	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.6	2.5	2.4	84.1	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.2	4.2	4.5	0.0	27.9	27.9	27.9	29.4	0.0	0.0
Gross expenditures	0.8	6.7	6.9	84.1	27.9	27.9	27.9	29.4	0.0	0.0
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	(5.7)	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.8	6.7	6.9	78.4	27.9	27.9	27.9	29.4	0.0	0.0
Saskatchewan										
Federal transfers to provinces/territories ¹	0.0	0.0	(0.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	(0.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alberta										
Operating	26.7	25.1	27.0	27.1	29.1	26.4	31.4	31.0	11.6	12.3
Capital	10.4	8.6	9.6	10.1	4.2	4.6	3.8	4.3	0.2	2.9
Net expenditures	37.2	33.7	36.6	37.2	33.3	31.0	35.1	35.3	11.7	15.1
Northwest Territories										
Operating	14.1	16.4	15.4	13.9	11.1	13.1	11.8	11.1	12.8	11.5
Federal transfers to provinces/territories ¹	0.0	0.0	(0.8)	(0.2)	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	14.1	16.4	14.6	13.7	11.1	13.1	11.8	11.1	12.8	11.5
Total (all provinces/territories)										
Operating	289.8	281.8	308.4	376.9	287.0	285.9	197.9	184.7	163.3	169.3
Capital	10.9	11.5	13.6	20.2	4.8	5.2	14.5	20.6	16.6	18.9
Operating and capital	300.8	293.3	322.1	397.1	291.8	291.1	212.3	205.3	179.8	188.1
Transfer payments	39.3	38.6	26.5	27.1	58.1	58.1	27.9	29.4	0.0	0.0
Gross expenditures	340.1	331.9	348.5	424.2	349.9	349.2	240.2	234.7	179.8	188.1
Federal transfers to provinces/territories ¹	0.0	0.0	(0.9)	(5.9)	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	340.1	331.9	347.6	418.3	349.9	349.2	240.2	234.7	179.8	188.1
TOTAL (ALL MODES)										
Newfoundland and Labrador										
Operating	288.7	292.6	300.7	268.2	268.2	251.8	287.3	274.6	245.5	260.3
Capital	155.9	218.9	175.4	126.2	126.2	171.7	131.4	44.8	120.5	131.9
Operating and capital	444.6	511.5	476.1	394.4	394.4	423.5	418.7	319.4	366.0	392.2
Transfer payments	0.3	0.7	0.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Gross expenditures	444.9	512.2	476.3	395.6	395.6	423.5	418.7	319.4	366.0	392.2
Federal transfers to provinces/territories ¹	(60.1)	(37.8)	(30.1)	(18.5)	(18.5)	(5.9)	(13.3)	(59.2)	(31.8)	(41.5)
Net expenditures	384.8	474.4	446.2	377.1	377.1	417.6	405.4	260.2	334.2	350.7

Table G6 continues on the next page

Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2009/10–2018/19

	(Millions of dollars)									
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Prince Edward Island										
Operating	65.7	62.2	88.4	82.4	69.8	76.4	70.4	69.0	70.8	74.3
Capital	58.9	59.6	38.7	39.3	39.0	38.5	49.0	39.2	49.0	52.6
Operating and capital	124.6	121.8	127.1	121.7	108.8	114.9	119.4	108.2	119.8	126.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0
Gross expenditures	124.6	121.8	127.1	121.7	108.8	114.9	119.4	108.6	120.0	126.9
Federal transfers to provinces/territories ¹	(0.3)	(5.8)	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)	(13.7)	(22.3)	(17.5)
Net expenditures	124.3	116.0	122.5	118.6	98.8	105.8	110.3	94.9	97.7	109.4
Nova Scotia										
Operating	184.9	220.3	344.3	352.2	374.9	397.8	378.9	398.3	390.1	403.8
Capital	236.0	300.0	258.2	251.3	249.8	233.7	225.9	225.6	213.6	284.8
Operating and capital	420.9	520.3	602.5	603.5	624.6	631.5	604.7	623.9	603.7	688.7
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	420.9	520.3	602.5	603.5	624.6	631.5	604.7	623.9	603.7	688.7
Federal transfers to provinces/territories ¹	0.0	0.0	(19.4)	(20.5)	(18.9)	(22.5)	(32.0)	(23.7)	(16.2)	(38.0)
Net expenditures	420.9	520.3	583.1	583.0	605.7	609.0	572.7	600.2	587.5	650.7
New Brunswick										
Operating	189.2	171.8	175.0	175.6	151.6	160.2	149.5	152.4	166.8	185.1
Capital	370.6	457.4	266.8	724.9	240.3	251.0	357.0	362.9	375.9	394.2
Operating and capital	559.8	629.2	441.8	900.5	391.9	411.2	506.5	515.3	542.7	579.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	559.8	629.2	441.8	900.5	391.9	411.2	506.5	515.3	542.7	579.3
Federal transfers to provinces/territories ¹	(49.7)	(90.4)	(103.7)	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(27.0)	(28.4)
Net expenditures	510.1	538.8	338.1	679.2	375.0	403.4	488.1	501.7	515.7	551.0
Quebec										
Operating	844.9	879.8	1,057.8	2,701.0	5,174.7	5,059.8	3,933.8	3,206.4	4,165.0	3,612.9
Capital	3,055.0	3,369.1	3,455.2	3,666.4	3,987.4	3,513.9	2,469.6	3,186.6	2,830.3	2,736.4
Operating and capital	3,900.0	4,249.0	4,512.9	6,367.4	9,162.1	8,573.7	6,403.4	6,393.0	6,995.3	6,349.3
Transfer payments	706.4	745.8	746.1	733.2	843.7	1,030.9	787.1	1,145.3	1,890.4	1,820.5
Gross expenditures	4,606.3	4,994.8	5,259.0	7,100.5	10,005.8	9,604.6	7,190.5	7,538.3	8,885.7	8,169.8
Federal transfers to provinces/territories ¹	(16.8)	(84.3)	(80.9)	(119.8)	(107.0)	(137.4)	(143.5)	(81.3)	(292.5)	(312.7)
Net expenditures	4,589.5	4,910.5	5,178.1	6,980.8	9,898.8	9,467.2	7,047.0	7,457.0	8,593.2	7,857.1
Ontario										
Operating	623.9	624.6	607.7	632.6	630.6	653.4	694.5	690.8	745.2	835.9
Capital	687.5	733.4	798.9	935.4	1,054.8	991.1	3,314.2	3,026.3	3,239.8	3,218.6
Operating and capital	1,311.4	1,358.0	1,406.6	1,568.0	1,685.4	1,644.5	4,008.7	3,717.1	3,985.0	4,054.5
Transfer payments	1,210.0	1,163.3	1,234.6	2,596.4	2,645.3	3,002.6	3,588.8	3,653.7	4,326.9	4,682.1
Gross expenditures	2,521.4	2,521.3	2,641.2	4,164.4	4,330.7	4,647.1	7,597.5	7,370.8	8,311.9	8,736.6
Federal transfers to provinces/territories ¹	(16.2)	(43.0)	(33.3)	(33.4)	(37.4)	(35.0)	(1,703.5)	(1,692.7)	(2,017.8)	(2,408.6)
Net expenditures	2,505.2	2,478.3	2,607.9	4,131.0	4,293.3	4,612.1	5,894.0	5,678.1	6,294.1	6,328.0
Manitoba										
Operating	206.2	187.5	209.3	278.8	206.2	217.1	211.9	236.1	229.6	200.0
Capital	381.6	371.3	358.5	318.9	316.7	455.3	550.3	521.5	449.9	349.8
Operating and capital	587.8	558.8	567.8	597.8	522.9	672.4	762.2	757.6	679.5	549.8
Transfer payments	74.4	32.2	14.8	4.9	123.5	138.0	180.8	148.3	81.5	91.4
Gross expenditures	662.2	591.0	582.6	602.7	646.4	810.4	943.0	905.9	761.0	641.2
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	(41.8)	(89.3)	(90.3)	(83.8)	(74.7)	(81.4)	109.5
Net expenditures	662.2	591.0	582.6	560.9	557.1	720.1	859.2	831.2	679.6	750.7
Saskatchewan										
Operating	254.8	226.6	275.5	241.3	240.4	265.2	236.6	243.8	211.9	220.8
Capital	260.2	302.8	295.9	299.3	349.3	391.6	517.4	851.5	887.5	857.1
Operating and capital	515.0	529.4	571.5	540.6	589.7	656.8	754.0	1,095.3	1,099.4	1,077.9
Transfer payments	59.8	69.6	26.9	42.1	37.0	36.9	23.7	24.1	26.8	24.0
Gross expenditures	574.7	599.0	598.4	582.6	626.7	693.7	777.7	1,119.4	1,126.2	1,101.9
Federal transfers to provinces/territories ¹	(80.2)	(90.0)	(55.0)	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)
Net expenditures	494.5	509.0	543.4	559.1	603.7	665.7	718.7	988.2	1,027.8	1,048.8
Alberta										
Operating	517.6	502.0	550.1	627.4	671.5	690.4	624.2	642.5	666.0	653.5
Capital	1,359.6	1,244.4	1,307.9	1,209.0	1,038.7	1,132.0	1,436.0	908.5	1,108.3	1,048.1
Operating and capital	1,877.1	1,746.5	1,858.1	1,836.4	1,710.2	1,822.3	2,060.2	1,551.0	1,774.4	1,701.6
Transfer payments	1,283.0	938.5	865.9	751.8	694.2	430.2	429.3	325.4	1,133.3	526.9
Gross expenditures	3,160.1	2,684.9	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,228.6
Federal transfers to provinces/territories ¹	(306.9)	(577.2)	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)
Net expenditures	2,853.2	2,107.7	2,306.5	2,245.2	2,200.3	1,966.1	2,256.9	1,608.4	2,584.2	1,774.3

Table G6 continues on the next page

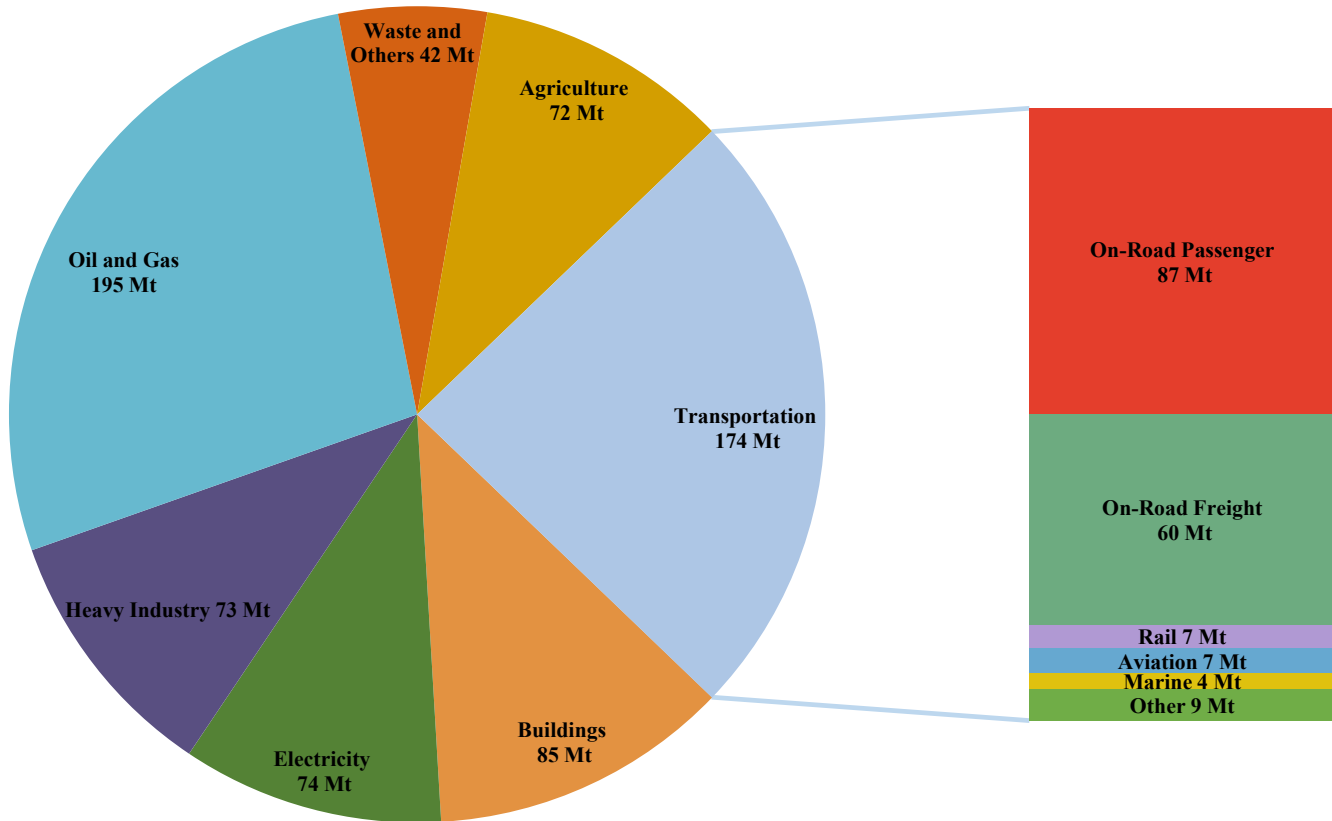
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
British Columbia										
Operating	892.8	1,096.5	876.2	946.5	1,035.0	1,253.6	1,149.0	1,045.9	997.6	1,055.3
Capital	923.1	1,084.7	925.3	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0
Operating and capital	1,815.9	2,181.2	1,801.5	1,955.4	2,055.0	2,079.6	2,022.0	1,873.5	1,708.6	1,911.3
Transfer payments	490.6	487.6	495.5	415.6	393.5	387.8	435.5	460.6	510.2	574.4
Gross expenditures	2,306.5	2,668.8	2,297.0	2,371.0	2,448.5	2,467.4	2,457.5	2,334.1	2,218.8	2,485.7
Federal transfers to provinces/territories ¹	(225.7)	(323.8)	(172.5)	(174.5)	(155.2)	(121.4)	(191.7)	(141.1)	(149.8)	(59.5)
Net expenditures	2,080.8	2,345.0	2,124.5	2,196.5	2,293.3	2,346.0	2,265.8	2,193.0	2,069.0	2,426.2
Yukon										
Operating	48.4	48.1	50.9	54.6	59.6	62.6	65.9	66.2	66.4	66.9
Capital	67.9	51.5	48.3	59.0	53.0	62.3	57.7	55.3	59.1	82.5
Operating and capital	116.3	99.6	99.2	113.5	112.6	124.9	123.7	121.5	125.4	149.4
Transfer payments	0.0	0.0	0.0	0.0	1.0	0.5	0.5	0.7	1.0	0.5
Gross expenditures	116.3	99.7	99.3	113.6	113.5	125.4	124.2	122.2	126.4	149.9
Federal transfers to provinces/territories ¹	(13.9)	(13.3)	(8.5)	(8.2)	(5.7)	(19.1)	(15.1)	(21.2)	(29.0)	(13.7)
Net expenditures	102.4	86.4	90.8	105.4	107.9	106.3	109.1	101.1	97.3	136.2
Northwest Territories										
Operating	70.8	104.6	112.8	114.1	120.1	120.7	127.6	123.6	160.3	184.1
Capital	94.1	248.2	97.7	90.9	121.5	140.4	115.7	88.1	96.5	70.0
Operating and capital	164.9	352.8	210.4	204.9	241.6	261.0	243.3	211.7	256.8	254.1
Transfer payments	0.0	0.0	0.0	0.0	19.3	88.0	81.6	66.1	58.4	30.2
Gross expenditures	164.9	352.8	210.4	204.9	260.9	349.0	324.9	277.8	315.2	284.3
Federal transfers to provinces/territories ¹	(4.5)	(42.4)	(23.5)	(40.1)	(19.3)	(88.0)	(81.6)	(66.1)	(58.4)	(30.4)
Net expenditures	160.4	310.4	186.9	164.8	241.6	261.0	243.3	211.7	256.8	253.9
Nunavut										
Operating	14.1	19.2	20.7	24.7	26.7	24.7	27.5	28.2	37.0	47.6
Capital	14.2	13.1	16.1	16.6	73.5	63.1	92.4	70.2	73.1	29.6
Operating and capital	28.3	32.3	36.8	41.3	100.2	87.8	119.9	98.4	110.1	77.2
Transfer payments	4.9	7.8	2.4	18.5	23.5	3.4	6.7	0.0	6.9	1.9
Gross expenditures	33.2	40.1	39.2	59.8	123.7	91.2	126.6	98.4	117.0	79.1
Federal transfers to provinces/territories ¹	(4.9)	(22.8)	(17.4)	(18.5)	(23.5)	(3.4)	(6.7)	0.0	(6.9)	(1.9)
Net expenditures	28.3	17.3	21.8	41.3	100.2	87.8	119.9	98.4	110.1	77.2
Total (all provinces/territories)										
Operating	4,202.0	4,435.9	4,669.5	6,499.3	9,029.2	9,233.7	7,957.0	7,177.7	8,152.1	7,800.5
Capital	7,664.6	8,454.4	8,042.9	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	10,111.7
Operating and capital	11,866.6	12,890.3	12,712.4	15,245.4	17,699.4	17,504.2	18,146.7	17,385.8	18,366.7	17,912.2
Transfer payments	3,829.3	3,445.5	3,386.5	4,563.6	4,782.2	5,118.2	5,534.0	5,824.6	8,035.6	7,752.0
Gross expenditures	15,695.9	16,335.8	16,098.8	19,809.0	22,481.6	22,622.4	23,680.7	23,210.4	26,402.2	25,664.2
Federal transfers to provinces/territories ¹	(779.3)	(1,330.6)	(966.4)	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,154.9)	(3,350.0)
Net expenditures	14,916.7	15,005.2	15,132.4	18,743.0	21,752.7	21,768.1	21,090.4	20,624.0	23,247.3	22,314.1

Notes:

1. Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).
2. Quebec has not reported any data this year for rail.
3. Quebec's expenditure data for Transit has been moved to the transfer out category.

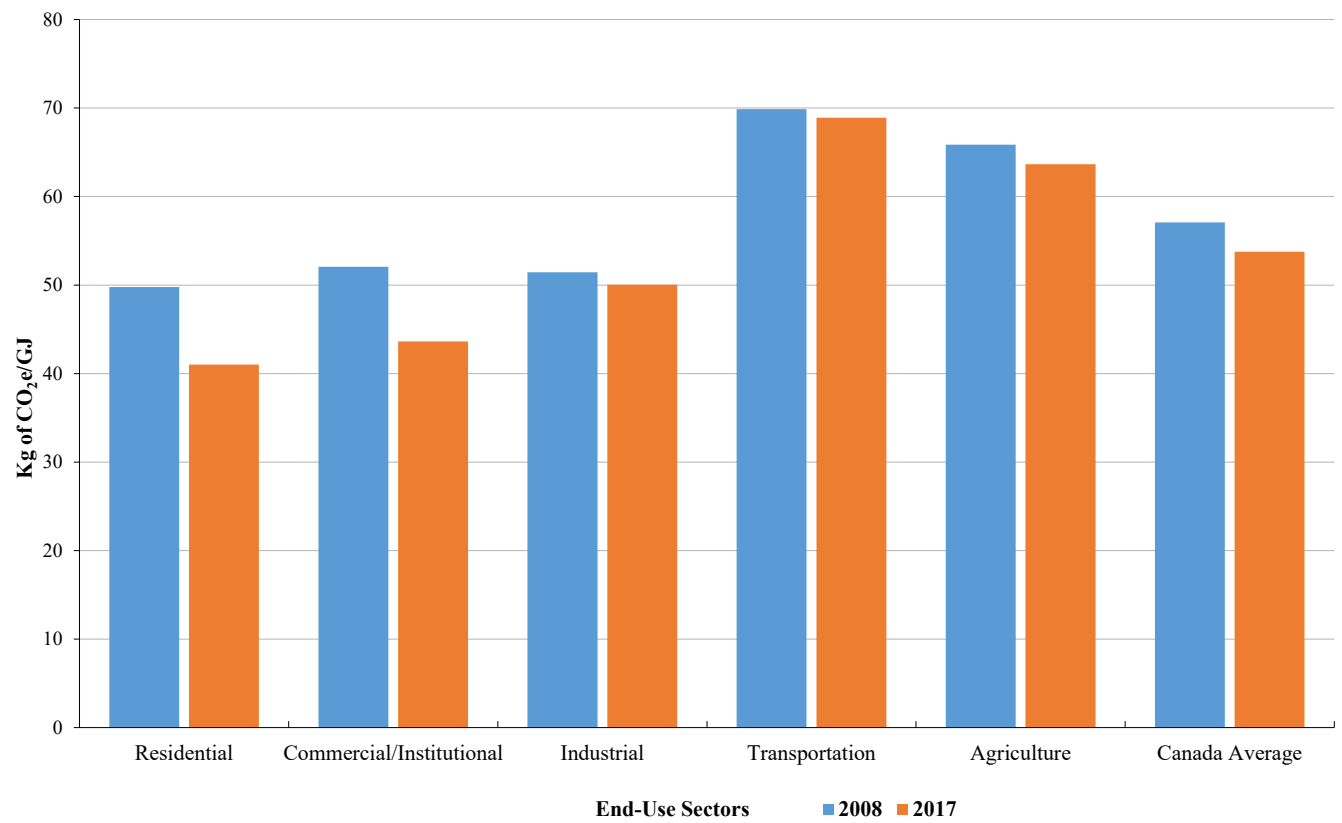
Sources: As reported by provinces and territories. In cases where no data has been reported by the province or territory, data has estimated using provincial/territorial Public Accounts or other published sources, or has been estimated or carried forward from the previous period.

Figure EN1: Greenhouse Gas Emissions, by Economic Sector, 2017



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

Source: Environment and Climate Change Canada, Canada's 2019 Greenhouse Gas Emissions Reference Case

Figure EN2: Greenhouse Gas Intensity of End-Use Sectors, 2008 and 2017

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

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 1990-2017

Table EN3: Transportation Energy Consumption, by Type and Mode, 2009–2018

(Petajoules, except where indicated)

	2009 ^R	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^P
Overall final energy demand (all sectors and fuels)¹	7,467	7,607	7,969	7,945	8,173	8,309	8,263	8,124	8,417	8,874
Transportation ²	2,463	2,537	2,523	2,547	2,611	2,574	2,557	2,551	2,627	2,751
<i>Transportation share of overall demand (per cent)</i>	<i>33.0</i>	<i>33.3</i>	<i>31.7</i>	<i>32.1</i>	<i>31.9</i>	<i>31.0</i>	<i>30.9</i>	<i>31.4</i>	<i>31.2</i>	<i>31.0</i>
Transportation subtotals by mode										
Railways	86	85	96	97	94	96	92	84	96	98
Airlines	190	198	204	239	249	246	252	257	281	312
Marine	122	129	104	98	94	84	77	67	72	71
Road transport and urban transit ³	369	421	424	446	434	444	426	387	382	403
Retail pump sales	1,654	1,670	1,655	1,628	1,685	1,661	1,661	1,702	1,721	1,783
Manufacturing/Commercial fleets	42	35	40	39	54	43	49	54	75	84
Transportation Demand: Breakdown by fuel and mode⁴										
Gasoline										
Retail pump sales	1,354	1,365	1,336	1,329	1,362	1,340	1,369	1,424	1,432	1,483
Road transport, urban transit and other fleets ⁵	56	67	66	75	79	79	85	81	87	89
Diesel										
Retail pump sales	298	301	317	298	323	318	289	275	285	297
Road transport, urban transit and other fleets ⁵	337	369	376	386	390	389	372	339	352	379
Railways	85	84	94	97	93	95	91	83	96	98
Marine	31	36	37	32	30	29	33	33	33	34
Natural gas										
Retail pump sales and fleets	2	2	2	2	1	4	4	4	5	5
Gas plant natural gas liquids (NGL's)										
Road transport and urban transit ³	12	13	14	15	12	10	11	12	12	12
Electricity										
Road transport and urban transit ³	3	4	4	4	4	4	5	5	4	4
Aviation fuels										
Aviation turbo fuels	188	196	202	237	248	244	250	256	279	311
Aviation gasoline	1	1	1	1	1	1	2	2	2	2
Heavy fuel oils										
Marine	87	86	61	63	59	51	41	N/A	37	37
Other fuels										
Air, marine, rail and road transport	7	13	12	8	8	8	6	36	4	3

Notes: R= Revised data. P= Preliminary data. N/A= Not available. The entire data series was revised at source.

1 Including both primary and secondary energy demand.

2 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.

3 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.

4 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.

5 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. Supply and demand of primary and secondary energy in terajoules, annual. Table: 25-10-0029-01

Table EN4: Total Transportation Greenhouse Gas Emissions, All Modes, 2000–2017

(Mt CO₂e)

Year	Aviation ^R	Rail ^R	Marine ^R	On-Road Passenger ^R	On-Road Freight ^R	Other ^R	Total ^R
2000	7.8	6.6	5.0	75.6	36.7	14.5	146.2
2001	7.1	6.6	5.5	78.5	39.1	11.5	148.3
2002	7.0	6.0	5.5	80.4	39.2	11.2	149.2
2003	7.1	6.1	6.4	81.6	41.9	11.0	154.0
2004	7.6	6.3	6.8	82.2	44.3	11.6	158.7
2005	7.7	6.7	6.5	83.6	47.9	10.0	162.3
2006	7.8	7.0	6.0	83.0	49.3	9.8	162.9
2007	7.8	7.5	6.6	83.2	51.9	10.1	167.1
2008	7.4	7.9	6.4	81.7	53.5	9.9	166.9
2009	6.5	6.8	6.6	82.2	51.9	9.7	163.7
2010	6.5	6.6	6.9	83.6	56.1	10.1	169.8
2011	6.4	7.5	5.7	82.8	59.0	8.4	169.8
2012	7.4	7.7	5.7	82.3	61.0	8.0	172.0
2013	7.7	7.4	5.3	83.9	62.7	8.1	175.1
2014	7.3	7.6	4.9	82.6	61.6	8.4	172.5
2015	7.3	7.2	4.8	85.1	60.5	8.7	173.5
2016	7.2	6.7	3.7	88.4	59.7	8.5	174.2
2017	7.2	6.7	4.5	87.2	59.9	8.8	174.3

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

Source: Environment and Climate Change Canada, Canada's 2019 Greenhouse Gas Emissions Reference Case

Table EN5: Air Pollutant Emissions from the Transportation Sector, by Type of Pollutant, 2009–2018

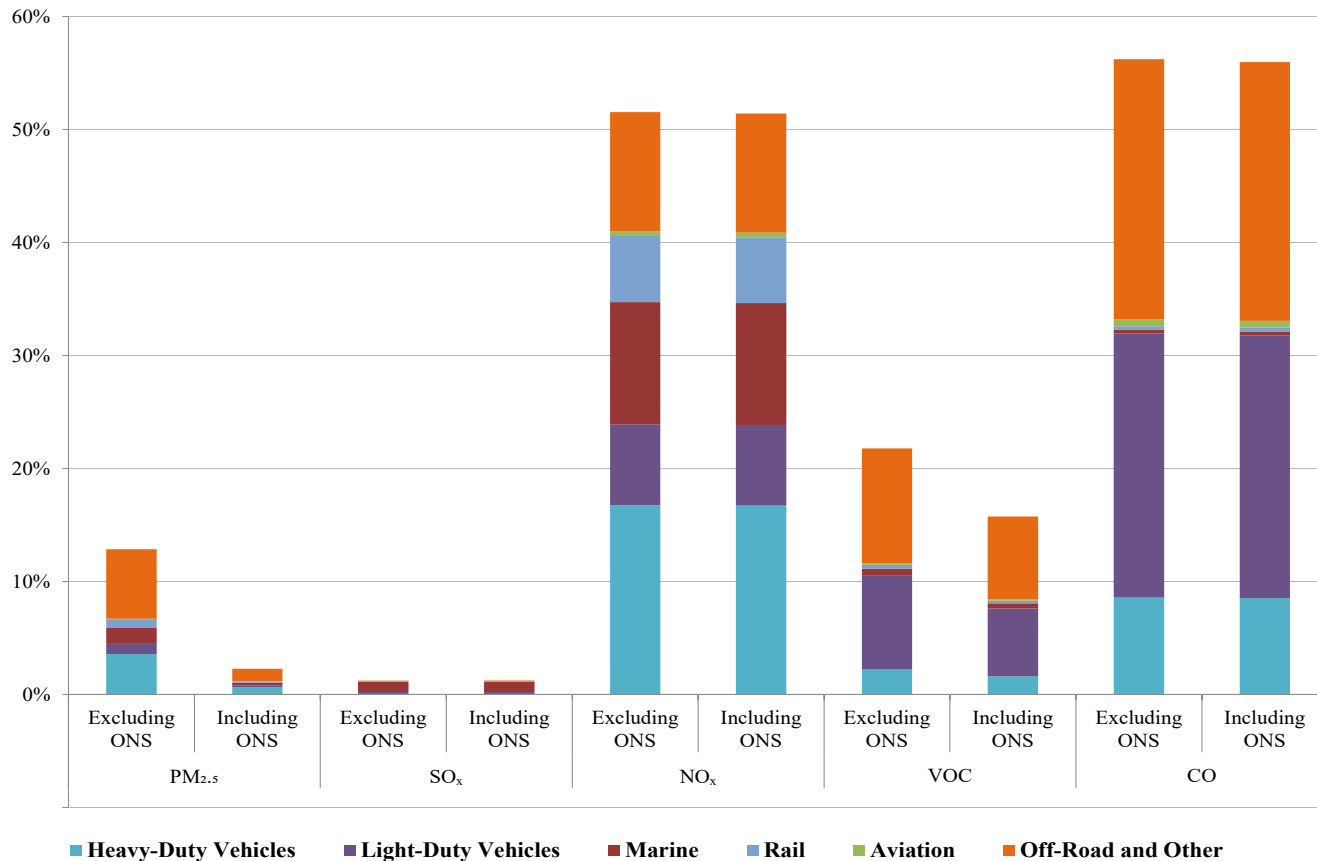
(Kilotonnes)

Year	SO _x	NO _x	PM _{2.5}	VOC	CO
2009 ^R	115	1,154	66	524	4,193
2010 ^R	111	1,155	66	508	4,071
2011 ^R	105	1,114	58	391	3,623
2012 ^R	100	1,044	52	356	3,370
2013 ^R	94	1,000	49	335	3,305
2014 ^R	88	936	45	316	3,167
2015 ^R	12	885	37	304	3,098
2016 ^R	11	839	33	283	3,033
2017 ^R	11	877	35	291	3,106
2018	10	909	37	302	3,219

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, 2018



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.

Sources: Environment and Climate Change Canada, National Pollutant Release Inventory; Environment and Climate Change Canada

Table EN7: Aviation Greenhouse Gas Emission Intensity, by Region of Operation, 2009–2018

Region of Operation	Units	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Domestic	g CO ₂ eq/RTK	N/A	N/A	N/A	1,161	1,151	1,100	1,089	1,047	1,053	1,019
International	g CO ₂ eq/RTK	N/A	N/A	N/A	876	865	847	847	827	792	768
Overall	g CO ₂ eq/RTK	1,002	982	976	960	951	923	916	886	860	832

Notes: RTK= Revenue tonne-kilometre. RPK = Revenue passenger-kilometre. N/A= Not available. RTK includes the weight of cargo and passengers. Passenger RTK is calculated by multiplying RPK by 100kg, which is the industry’s conventional assumption of the average weight per passenger, including baggage.

Source: Canada’s Action Plan to Reduce Greenhouse Gas Emissions from Aviation, 2018 Annual Report

Table EN8: Aviation Fuel Consumption, by Region of Operation, 2009–2018

(millions of litres)

Region of Operation	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Domestic	N/A	N/A	N/A	2,221	2,289	2,344	2,383	2,415	2,583	2,637
International	N/A	N/A	N/A	4,035	4,025	4,235	4,640	5,140	5,554	5,900
Total	5,098	5,659	6,089	6,256	6,314	6,579	7,023	7,555	8,137	8,537

Note: N/A= Not available.

Source: Canada’s Action Plan to Reduce Greenhouse Gas Emissions from Aviation, 2018 Annual Report

Table EN9: National Aerial Surveillance Program Key Metrics, 2009/10–2018/19

Fiscal Year	Patrol Hours	Vessel Over-Flights	Pollution Sightings	Oil Volume (litres)
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
2016 - 2017	2,068	12,461	246	2,870
2017 - 2018	3,995	23,410	458	3,795
2018 - 2019	4,152	27,520	629	4,534

Source: Transport Canada, Marine Safety

Table EN10: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2008–2017

Railway Operation	Units	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Class I Freight	kg CO ₂ eq/1,000 RTK	17.46	16.80	16.30	16.03	15.68	14.84	14.32	14.02	13.47	13.53
Regional and Short Lines	kg CO ₂ eq/1,000 RTK	15.72	14.08	15.09	14.76	13.33	13.47	11.07	16.7	16.09	18.19
Intercity Passenger	kg CO ₂ eq/RPK	0.121	0.132	0.123	0.122	0.109	0.099	0.100	0.102	0.101	0.098
Commuter Rail	kg CO ₂ eq/Passenger	1.68	1.93	2.04	2.17	2.14	2.06	2.06	2.34	2.23	2.42

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

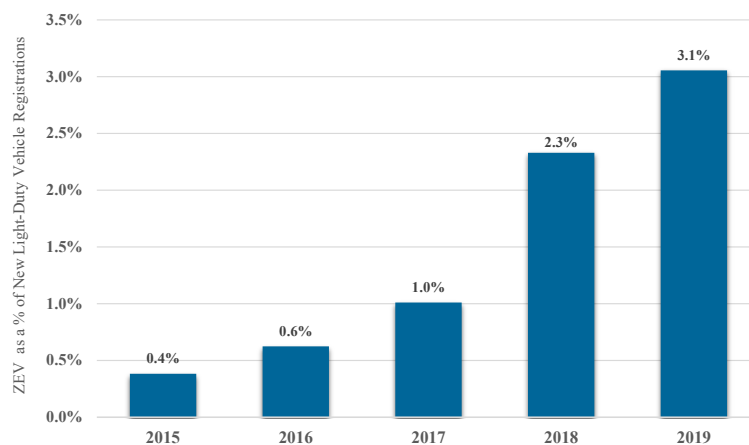
Source: Railway Association of Canada, Locomotive Emissions Monitoring Report 2017

Table EN11: Railway Fuel Consumption, 2009–2018

	(Millions of litres)										
	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018	
Class I	1,691.3	1,848.7	1,810.8	1,972.5	1,937.8	2,024.7	1,952.8	1,827.7	1,963.9	2,051.8	
Regional	31.9	35.7	39.1	38.8	37.4	35.3	34.7	34.1	35.4	35.2	
Short Line	46.6	48.6	50.6	47.0	47.1	47.7	48.8	46.4	47.2	50.0	
Total	1,769.8	1,933.0	1,900.6	2,058.3	2,022.2	2,107.6	2,036.3	1,908.2	2,046.5	2,137.0	

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

Figure EN12: Canadian Zero Emission Vehicle (ZEV) Market Share, 2015–2019

Source: IHS Markit Catalyst for Insight, New Registrations - Data as of December 31, 2019

TRANSPORTATION SAFETY AND SECURITY

Table S1: Summary of Transportation Safety Statistics for Aviation, Marine, Rail, Road and TDG, 2010–2019

	Year	Aviation ¹	Marine ²	Rail ³	Road ⁴	TDG ⁵
Accidents	2019 ^P	188	201	1,246	N/A	N/A
	2018 ^R	152	221	1,169	110,114	452
	2017	190	233	1,091	114,408	393
	2016	185	264	899	118,271	302
	2015	207	213	1,045	119,541	334
	2014	189	249	1,047	116,293	385
	2013	233	238	1,095	122,143	396
	2012	222	216	1,049	124,682	401
	2011	211	254	1,072	124,199	345
	2010	235	274	1,116	125,636	304
Fatalities	2019 ^P	54	12	72	N/A	N/A
	2018 ^R	25	19	57	1,922	0
	2017	27	11	76	1,856	2
	2016	29	7	66	1,899	2
	2015	36	19	46	1,889	0
	2014	13	12	56	1,841	1
	2013	53	18	124	1,951	50
	2012	51	14	81	2,075	0
	2011	57	16	71	2,023	0
	2010	65	18	81	2,238	0
Accident Rates	2019 ^P	3.6	3.6	14.2	N/A	N/A
	2018 ^R	3.2	5.6	13.3	0.77	N/A
	2017	4.0	11.1	13.2	0.76	N/A
	2016	4.2	15.4	11.3	0.78	N/A
	2015	4.8	12.4	12.3	0.79	N/A
	2014	4.4	10.6	12.0	0.78	N/A
	2013	5.4	10.2	13.0	0.85	N/A
	2012	5.1	15.8	12.1	0.93	N/A
	2011	4.9	16.7	12.6	0.91	N/A
	2010	5.9	19.0	13.3	1.02	N/A

Notes: R= Revised data. P= Preliminary 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 (nominator) 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 (nominator) data.

Comparing time periods: The data reported are preliminary for 2019, 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 are not operating in accordance with CARs (i.e. military and state aircraft) are not included. Accident rates per 100,000 hours flown.

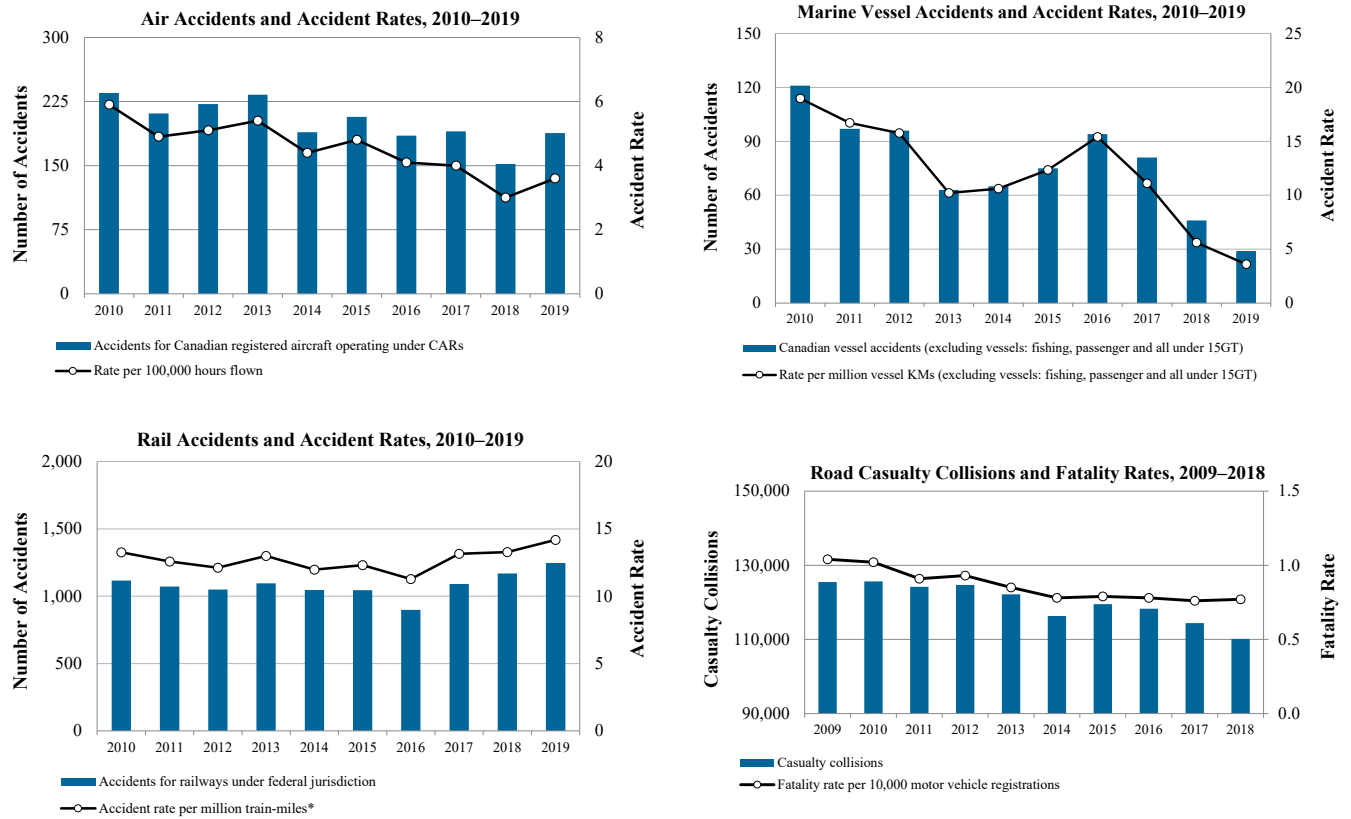
2 Fatalities involving all Canadian commercial vessels and foreign vessels in Canadian waters. Accidents and Accident rates (per million vessel-kilometres) for all Canadian commercial vessels, excluding all fishing vessels, passenger vessels and vessels under 15 GT (gross tons). For statistics on all 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 rate 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 TDG = 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. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

Figure S2: Accidents and Accident Rates per Activity Measure for Rail, Road, Marine and Aviation, 2009–2019



Notes: Road data on accidents and casualties were not available for 2019. CARs= Canadian Aviation Regulations. GT = gross tons.
 * Train-miles include main track miles and yard switching miles.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

Table S3: Railways Under Federal Jurisdiction, Accidents and Incidents, 2010–2019

Accident Type	2010	2011	2012	2013	2014	2015	2016 ^R	2017	2018 ^R	2019 ^P	Average 2010–2019
Accident Type											
Crossing collision	180	171	192	184	185	165	133	143	167	175	169.5
Trespasser accident	81	66	71	56	54	50	70	80	69	56	65.3
Main-track train derailment	82	110	67	84	100	75	58	81	87	93	83.7
Main-track train collision	4	3	6	4	9	4	5	3	5	4	4.7
Non-main-track train derailment	576	522	530	549	481	523	435	541	599	601	535.6
Non-main track train collision	94	89	101	93	106	92	69	103	101	111	95.9
Derailment involving track unit	11	10	7	18	7	11	7	24	16	19	13.0
Collision involving track unit	25	24	18	23	20	32	16	21	32	30	24.1
Employee accident	9	10	5	8	9	9	11	13	8	13	9.5
Passenger accident	0	1	2	0	3	6	5	4	5	1	2.7
Rolling stock with object	4	19	18	32	22	20	36	30	31	30	24.2
Rolling stock with abandoned vehicle	9	4	7	10	2	6	7	3	9	7	6.4
Rolling stock damage without derailment/collision	11	20	8	23	13	20	12	12	6	5	13.0
Fire	30	23	17	11	36	32	35	33	34	100	35.1
Other accidents	0	0	0	0	0	0	0	0	0	1	0.0
Total Accidents	1,116	1,072	1,049	1,095	1,047	1,045	899	1,091	1,169	1,246	1,082.7
Incident Type											
Main-track switch in abnormal position	5	10	5	7	6	12	7	12	7	15	8.6
Movement exceeds limits of authority	101	118	120	98	129	142	133	122	138	134	123.5
Signal less restrictive than required	4	3	1	1	2	5	1	1	2	0	2.0
Unprotected overlap of authorities	4	7	5	4	5	6	4	2	11	6	5.4
Runaway rolling stock	5	16	13	14	11	14	10	14	15	16	12.8
Crew member incapacitated	1	0	1	6	2	2	1	4	5	0	2.2
Dangerous goods leakage	68	79	93	94	63	33	7	0	0	0	43.7
Main-track train derailment ¹					2	3	5	3	4	3	3.3
Non-main-track train derailment ¹					166	125	97	67	96	54	100.8
Non-main track train collision ¹					8	4	4	2	2	0	3.3
Derailment involving track unit ¹					7	10	13	5	5	6	7.7
Rolling stock with object ²					6	10	14	3	0	1	5.7
Rolling stock with abandoned vehicle ²					1	5	5	0	1	0	2.0
Other incidents					0	1	0	0	0	1	0.3
Total Incidents	188	233	238	224	408	372	301	235	286	236	272.1
Million Train-Miles (MTM)³	84.1	85.3	86.6	84.3	87.4	85.0	79.6	82.9	88.0	87.9	85.1
Accidents per MTM - Accident Rate	13.3	12.6	12.1	13.0	12.0	12.3	11.3	13.2	13.3	14.2	12.7
Accident Fatalities											
Crossing collision	24	25	33	30	21	15	19	19	19	28	23.3
Trespasser accident	55	43	44	42	32	30	47	53	34	38	41.8
Other	2	3	4	52	3	1	0	4	4	6	7.9
Total Fatalities	81	71	81	124	56	46	66	76	57	72	73.0
Accident Injuries											
Crossing collision	28	22	32	27	29	18	24	22	42	31	27.5
Trespasser accident	19	21	22	10	21	17	20	22	30	17	19.9
Other	17	9	19	2	3	15	12	21	19	16	13.3
Total Injuries	64	52	73	39	53	50	56	65	91	64	60.7
Dangerous Goods Involved in Accidents	141	120	120	141	143	126	99	115	123	167	129.5
Passenger Train Accidents	60	68	47	45	48	46	57	51	67	47	53.6
Passenger Train-Miles (PTM)⁴	6.6	6.5	6.3	6.1	6.0	6.1	6.5	5.9	6.8	5.9	6.3
Passenger Rate	9.0	10.4	7.5	7.4	8.1	7.5	8.7	8.7	9.8	8.0	8.5

Notes: P= Preliminary. R= Revised.

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 website.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements: 1 = No Damage. 2 = No Derailment & No Damage.

³ Train-miles include main track-miles and yard switching miles.

⁴ 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, 2010 – 2019

<i>Province/Territory</i>	<i>Data</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016^R</i>	<i>2017</i>	<i>2018^R</i>	<i>2019^P</i>	<i>Average 2010–2019</i>
Alberta	Occurrences	247	211	271	275	246	186	153	198	240	244	227.1
	Fatalities	12	7	12	13	7	6	8	8	8	11	9.2
	Injuries (serious)	13	9	12	6	9	10	10	11	10	15	10.5
British Columbia	Occurrences	178	181	167	181	170	186	164	208	228	211	187.4
	Fatalities	10	8	8	8	11	8	17	11	12	11	10.4
	Injuries (serious)	10	14	10	4	10	14	10	15	10	10	10.7
Manitoba	Occurrences	144	132	134	115	123	122	101	119	107	132	122.9
	Fatalities	4	3	5	2	2	2	4	3	3	7	3.5
	Injuries (serious)	8	4	9	1	8	2	7	8	10	2	5.9
New Brunswick	Occurrences	19	24	13	9	26	24	21	12	12	17	17.7
	Fatalities	1	3	2	1	0	1	2	0	2	1	1.3
	Injuries (serious)	0	1	0	0	0	0	1	0	0	1	0.3
Newfoundland and Labrador	Occurrences	4	3	4	3	0	9	14	17	14	10	7.8
	Fatalities	0	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	0	0	2	0.0
Northwest Territories and Nunavut	Occurrences	0	2	0	2	1	1	0	1	0	0	0.7
	Fatalities	0	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	Occurrences	7	4	6	3	5	6	6	12	10	6	6.5
	Fatalities	1	0	0	0	0	0	2	1	0	0	0.4
	Injuries (serious)	2	0	0	0	0	0	0	0	2	2	0.6
Ontario	Occurrences	270	258	201	232	238	259	210	254	264	300	248.6
	Fatalities	35	36	33	39	20	18	22	33	21	28	28.5
	Injuries (serious)	12	14	31	18	9	12	14	19	23	19	17.1
Quebec	Occurrences	124	130	129	110	114	149	135	162	140	185	137.8
	Fatalities	11	12	9	53	13	9	5	17	10	6	14.5
	Injuries (serious)	15	7	4	4	8	3	10	9	22	4	8.6
Saskatchewan	Occurrences	123	127	124	165	124	103	95	108	154	141	126.4
	Fatalities	7	2	12	8	3	2	6	2	1	8	5.1
	Injuries (serious)	4	3	6	5	7	7	4	3	10	9	5.8
Total Occurrences		1,116	1,072	1,049	1,095	1,047	1,045	899	1,091	1,169	1,246	1,082.9
Total Fatalities		81	71	81	124	56	46	66	75	57	72	72.9
Total Injuries		64	52	72	38	51	48	56	65	87	64	59.7

Notes: P= Preliminary. R= Revised.

Source: Transport Canada, adapted from the Transportation Safety Board

Table S5: Railways Under Federal Jurisdiction, Crossing and Trespasser Accidents, 2010–2019

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 ^p	Average 2010 - 2019
Crossing Collisions	180	171	192	184	185	165	133	143	167	175	169.5
Public automated	87	89	97	107	86	79	69	70	86	87	85.7
Public passive	67	59	73	65	68	52	36	47	52	48	56.7
Private	24	15	18	10	27	28	24	21	28	37	23.2
Farm	2	8	4	2	4	6	4	5	1	3	3.9
Unknown	0	0	0	0	0	0	0	0	0	0	0.0
Trespasser Accidents	81	66	71	56	54	51	70	80	69	56	65.4
Fatalities	55	43	44	42	32	30	47	53	34	38	41.8
Serious Injuries	19	21	22	10	21	17	20	22	30	17	19.9
Alberta	9	7	9	7	10	5	11	8	10	14	9.0
British Columbia	17	13	11	8	13	12	22	18	12	8	13.4
Manitoba	3	1	2	2	2	1	4	4	3	2	2.4
New Brunswick	1	2	1	0	0	1	1	0	0	1	0.7
Newfoundland and Labrador	0	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	0	1	0	0	0	0	1	1	0	0	0.3
Ontario	35	32	31	30	21	23	25	36	31	21	28.5
Quebec	13	8	11	7	6	5	3	12	12	6	8.3
Saskatchewan	3	2	6	2	2	4	3	1	1	4	2.8

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), 2009–2018

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 ^R / Billion Vehicle-Kms
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 ^R	124,682	2,075	166,727	22,366	340,475	0.9	74.5	6.1	489.7
2013 ^R	122,143	1,951	164,525	23,006	352,367	0.8	71.5	5.5	466.9
2014 ^R	116,293	1,841	156,558	23,539	358,518	0.8	66.5	5.1	436.7
2015 ^R	119,541	1,889	161,061	23,924	365,854	0.8	67.3	5.2	440.2
2016 ^R	118,271	1,899	158,791	24,270	374,740	0.8	65.4	5.1	423.7
2017 ^R	114,408	1,856	152,772	24,567	382,510	0.8	62.2	4.9	399.4
2018 ^P	110,114	1,922	152,847	25,061	390,859	0.8	61.0	4.9	391.1
2009–2018 Average	120,074	1,991	162,387	23,222	357,194	0.9	70.3	5.6	456.9

Notes: MVR= Motor vehicle registrations. R= Revised data. P= Preliminary data.

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated.

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.

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

Sources: Collision statistics: Transport Canada, Road Safety Programs, National Collision Database

Motor Vehicle Registrations: 2009–2018: Statistics Canada, Table 23-10-0067-01

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, "Canadian Vehicle Survey". Vehicle-kilometres are estimated for 2010–2018

Table S7: Road Casualty Rates (Fatalities and Injuries per Billion Vehicle-Kilometres) by Province/Territory, 2017 and 2018

	<i>Fatalities¹</i>		<i>Injuries²</i>	
	<i>2017^R</i>	<i>2018^P</i>	<i>2017^R</i>	<i>2018^P</i>
Canada	4.8	4.9	399.4	391.1
Newfoundland and Labrador	6.0	7.2	378.4	498.9
Prince Edward Island	9.1	9.6	365.1	415.6
Nova Scotia	4.0	6.3	235.9	603.5
New Brunswick	5.7	5.6	307.6	301.1
Quebec	4.7	4.5	476.0	444.1
Ontario	4.1	4.1	363.7	347.4
Manitoba	4.9	4.6	844.4	791.6
Saskatchewan	6.8	8.6	285.9	284.0
Alberta	4.6	4.5	273.1	265.8
British Columbia	7.0	6.9	528.7	477.5
Yukon	10.3	10.1	254.0	284.5
Northwest Territories	7.2	4.7	241.0	235.8
Nunavut	0.0	48.8	575.0	609.8

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

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated. Vehicle-kilometres are estimated. Rate-based data in smaller jurisdictions have a high level of fluctuation due to their small sample size.

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, Road Safety Programs, 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, 2013–2018

<i>Vehicle Type</i>	<i>2013</i>	<i>2014^R</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2013-2017 Average</i>	<i>2018^E</i>
Commercial Vehicles							
All buses	38	28	33	31	28	32	33
Straight trucks > 4,536 kg	137	143	122	122	141	133	136
Tractor-trailers	227	240	206	220	262	231	235
Total Commercial Vehicles	402	411	361	373	431	396	404
Non-commercial vehicles involved with NSC vehicles ¹	330	394	340	374	372	362	388
Total vehicles in collisions involving commercial vehicles	732	805	701	747	803	758	792
Total all other vehicles involved	2,154	1,961	2,026	2,147	2,024	2,062	2,082
Total of all vehicles involved	2,886	2,766	2,727	2,894	2,827	2,820	2,874

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

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated.

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>

Source: *Transport Canada, Road Safety Programs, National Collision Database*

Table S9: Fatalities¹ Resulting from Commercial and Other Vehicles Involved in Fatal Collisions, by Vehicle Type, 2013–2018

<i>Vehicle Type</i>	<i>2013^R</i>	<i>2014^R</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2013-2017 Average</i>	<i>2018^E</i>
All buses	10	4	3	5	5	5	5
Straight trucks > 4,536 kg	21	20	17	16	20	19	19
Tractor-trailers	33	33	25	36	43	34	35
Commercial vehicle occupant total	64	57	45	57	68	58	59
Occupants of other vehicles involved with commercial vehicles	271	299	299	253	275	279	284
Bicyclists	18	10	7	13	11	12	12
Pedestrians	53	47	40	50	48	48	49
Total fatalities in collisions involving commercial vehicles	406	413	391	373	402	397	404
Fatalities in all other collisions	1,545	1,428	1,498	1,526	1,454	1,490	1,518
Total	1,951	1,841	1,889	1,899	1,856	1,887	1,922

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

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated.

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

Source: Transport Canada, Road Safety Programs, National Collision Database

Table S10: Fatalities¹ by Road User Class, 2013–2018

<i>Road User Class</i>	<i>2013^R</i>	<i>2014^R</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2013-2017 Average</i>	<i>2018^E</i>
Drivers	944	907	908	875	957	918	960
Passengers	357	337	353	333	316	339	340
Pedestrians	309	304	299	355	302	314	332
Bicyclists	69	42	49	49	40	50	44
Motorcyclists	200	191	211	214	197	203	200
Not stated	72	60	69	73	44	64	46
Total	1,951	1,841	1,889	1,899	1,856	1,887	1,922

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

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated.

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

Source: Transport Canada, Road Safety Programs, National Collision Database

Table S11: Vehicles Involved in Fatal Collisions by Vehicle Type, 2013–2018

<i>Vehicle Types</i>	<i>2013^R</i>	<i>2014^R</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2013-2017 Average</i>	<i>2018^E</i>
Automobile	1,356	1,218	1,299	1,393	1,357	1,325	1,349
Passenger vans	207	195	171	155	172	180	183
Light utility vehicles	45	59	61	83	60	62	63
Pickup trucks	374	405	351	370	349	370	377
Cargo vans	42	35	31	30	38	35	36
Other trucks/vans < 4,536kg	80	95	101	97	91	93	95
Trucks:							
Tractor-trailers	227	240	206	220	262	231	235
Trucks > 4,536 kg	137	143	122	122	141	133	136
Bus							
School	7	5	10	12	9	9	9
Urban	14	13	11	8	9	11	11
Intercity	4	2	4	1	2	3	3
Bus unspecified	13	8	8	10	8	9	10
Motorcycles and mopeds	210	195	209	230	205	210	214
Bicycles	70	45	51	58	40	53	54
Farm and construction equipments	18	30	13	32	24	23	24
Snowmobiles	11	10	16	8	9	11	11
Streetcars	4	4	5	3	3	4	4
Motorhomes	7	4	5	2	4	4	4
Off-road vehicles	28	26	31	30	17	26	27
Fire engines	2	0	1	0	0	1	1
Others	15	13	14	12	12	13	13
Unknown vehicle types	15	21	7	18	15	15	15
Total	2,886	2,766	2,727	2,894	2,827	2,820	2,874

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

Data for Ontario and Alberta are preliminary for 2018. Data for New Brunswick were estimated.

Source: Transport Canada, Road Safety Programs, National Collision Database

Table S12: Marine Occurrences, 2009–2019

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	Average 2009 - 2018	2019 ^P
<i>Canadian Vessels</i>												
Accidents	293	274	243	209	253	244	209	259	222	221	243	201
Shipping Accidents	251	227	212	170	200	205	180	227	189	180	204	152
Abandoned	2	0	4	2	1	1	2	1	1	0	1	
Capsizes	9	8	2	6	7	1	9	5	4	7	6	2
Collision	19	15	18	12	19	23	16	31	36	24	21	13
Explosion	5	2	4	3	3	1	2	1	0	1	2	1
Fire	41	45	43	28	24	27	26	43	26	29	33	24
Grounding	100	88	64	57	60	50	54	58	47	50	63	42
Sank	20	20	10	10	13	25	16	23	19	15	17	14
Striking	40	33	47	41	41	41	29	42	31	37	38	36
Sustains Damage Render Unseaworthy/ Unfit For Purpose	15	16	20	11	32	36	26	23	25	17	22	20
Accident Aboard Ship	42	47	31	39	53	39	29	32	33	41	39	49
Fatalities	14	18	13	12	16	11	18	6	8	19	14	12
Shipping Accident	7	11	3	4	10	4	12	6	4	14	8	1
Accident Aboard Ship	7	7	10	8	6	7	6	0	4	5	6	11
Injuries	40	43	25	36	43	32	28	37	33	41	36	40
Shipping Accident	5	4	2	6	0	1	4	5	3	3	3	5
Accident Aboard Ship	35	39	23	30	43	31	24	32	30	38	33	35
Type of Vessels Involved in Shipping												
Accidents (by Vessel Category)	237	227	205	180	196	203	181	212	176	213	203	169
Commercial	127	111	111	99	114	107	98	130	106	144	115	114
Barge	0	0	0	0	0	0	0	0	0	26	3	16
Cargo - Liquid	6	6	5	1	3	7	4	4	7	2	5	3
Cargo - Solid	23	30	26	28	31	29	18	20	13	30	25	24
Ferry	26	19	23	18	10	18	17	19	11	11	17	19
Passenger	14	11	12	13	13	11	11	14	13	14	13	17
Survey/Research	1	1	1	3	1	3	2	2	1		2	3
Service Ship	32	25	23	17	34	18	29	47	35	31	29	23
Tanker	0	0	0	0	0	0	0	0	0		0	
Tug	15	16	15	18	20	20	17	21	25	30	20	6
Sailing Vessel	3	2	1	0	1	1	0	3	1			
Ships Boat	7	1	5	1	1	0	0	0	0		2	
Other	0	0	0	0	0	0	0	0	0		0	3
Fishing	103	105	89	69	81	87	76	82	70	69	83	55
Non-commercial	7	11	5	12	1	9	7	0	0	0	5	0
Commercial Accident Rate												
Commercial vessel accidents (>15 GT, Canadian, non-fishing, non-passenger)	129	121	97	96	63	65	75	94	81	46	87	29
Million vessel-kms	5.6	6.4	5.8	6.1	6.2	6.1	6.1	6.1	7.3	8.2	6.4	8.1
Accident Rate/million vessel-kms	23.2	19.0	16.7	15.8	10.2	10.6	12.4	15.4	11.1	5.6	13.6	3.6
Vessel trips	24,871	25,539	28,269	28,800	29,000	28,700	28,550	28,700	24,949	28,127	27,551	27,229
Accident Rate/thousand vessel trips	5.2	4.7	3.4	3.3	2.2	2.3	2.6	3.3	3.2	1.6	3.1	1.1
Vessels Lost	27	25	22	22	20	18	23	17	9	7	19	2
Commercial	11	2	1	1	2	2	8	3	2	1	3	0
Fishing	16	23	21	21	18	16	15	14	7	6	16	2
Incidents	190	191	175	217	677	684	584	609	686	688	470	706
<i>Foreign Vessels</i>												
Accidents	65	63	52	59	46	57	39	48	56	69	55	66
Shipping Accident	50	47	42	46	38	44	33	37	44	53	43	55
Accident Aboard Ship	15	16	10	13	8	13	6	11	12	16	12	11
Type of Vessels Involved in Shipping												
Accidents (by Vessel Category)	71	58	54	48	43	55	39	52	57	40	52	48
Commercial	68	56	50	46	41	54	37	49	50	36	49	46
Fishing	3	2	4	2	2	1	2	3	7	4	3	2
Fatalities	1	0	3	2	2	1	1	1	3	3	2	5
Shipping Accident	0	0	0	1	0	0	1	0	0	0	0	3
Accident Aboard Ship	1	0	3	1	2	1	0	1	3	3	2	2
Injuries	14	32	7	12	6	14	14	11	13	20	14	13
Shipping Accident	0	1	0	0	0	0	8	0	4	5	2	5
Accident Aboard Ship	14	31	7	12	6	14	6	11	9	15	13	8
Vessels Lost	0	0	0	1	0	2	0	1	3	0	1	0
Incidents	59	33	41	53	57	63	123	159	196	243	103	240

Table S12 continues on the next page

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	Average 2009 - 2018	2019 ^P
<i>Total Marine Occurrences</i>												
Accidents	358	337	295	268	299	301	248	307	278	290	298	267
Shipping Accident	301	274	254	216	238	249	213	264	233	233	248	207
Accident Aboard Ship	57	63	41	52	61	52	35	43	45	57	51	60
Fatalities	15	18	16	14	18	12	19	7	11	22	15	17
Injuries	54	75	32	48	49	46	42	48	46	61	50	53
Vessels Involved in Shipping Accidents	308	285	259	228	239	258	220	264	233	253	255	217
Vessels Lost	27	25	22	23	20	20	23	18	12	7	20	2
Incidents (Mandatory reporting)	249	224	216	270	734	747	707	768	882	688	549	706

Notes: R= Revised data. P= Preliminary data. GT= Gross tons.

In 2014 the Transportation Safety Board (TSB) 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.

Injuries include both serious and minor injuries.

All definitions can be found in the TSB annual report, Appendix B.

Source: Transportation Safety Board

Table S13: Small Canadian Vessels Engaged in Commercial Activity—Marine Occurrences, 2009–2019

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	Average 2009 - 2018	2019 ^P
Total Accidents	103	88	90	63	80	79	71	97	69	58	80	54
Shipping Accident	93	80	79	58	67	66	64	91	65	52	72	45
Accident Aboard Ship	10	8	11	5	13	13	7	6	4	6	8	9
Vessels Involved in Shipping Accidents (By type of vessel)	89	76	76	57	67	65	64	91	65	52	70	45
Barge	0	0	0	0	0	0	0	0	0	1	0	1
Cargo - Liquid	0	0	0	0	0	0	0	0	0	0	0	0
Cargo - Solid	2	0	0	1	0	0	0	1	0	0	0	0
Ferry	0	0	0	0	1	1	0	2	0	0	0	0
Passenger	6	1	1	1	4	4	6	5	8	5	4	7
Survey/Research	1	0	0	2	0	0	0	0	0	0	0	0
Service Ship	15	10	11	11	17	3	15	17	18	7	12	11
Tanker	0	0	0	0	0	0	0	0	0	0	0	0
Tug	3	5	4	6	7	7	8	14	10	7	7	1
Sailing Vessel	2	2	0	0	1	0	0	0	1	0	1	0
Ships Boat	6	1	4	0	0	0	0	0	0	0	1	0
Other	0	0	0	0	0	0	0	0	0	0	0	1
Fishing	54	57	56	36	37	50	35	52	28	32	44	24
Fatalities	5	10	8	5	7	5	5	6	4	15	7	9
Injuries	10	9	8	9	10	11	10	10	5	6	9	10
Vessels Lost	12	11	12	12	9	9	9	10	5	0	9	0
Incident	57	68	68	60	328	309	238	238	257	281	190	247

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

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 publically available on the TBS website.

All definitions can be found in the TSB annual report, Appendix B.

Source: Transportation Safety Board

Table S14: Small Canadian Vessels Engaged in Commercial Fishing Activity—Marine Occurrences, 2009–2019

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	Average 2009 - 2018	2019 ^P
Total Accidents >15 GT and <=150 GT	45	46	33	34	37	30	38	24	40	42	37	36
Shipping Accident	6	4	1	0	6	0	0	0	1	2	2	0
Shipping accident fatalities	12	9	7	13	15	11	14	13	11	12	12	13
Accident aboard ship	0	0	4	3	2	4	2	0	2	1	2	2
Accident aboard ship fatalities	11	14	10	11	9	7	9	6	4	7	9	2
Vessels Lost												
Vessels <=15 GT												
Shipping Accident	40	45	46	28	22	40	30	46	24	52	37	45
Shipping accident fatalities	1	3	1	1	4	2	3	6	0	12	3	1
Accident aboard ship	4	2	5	3	4	6	4	4	2	6	4	9
Accident aboard ship fatalities	3	3	5	2	3	2	2	0	0	3	2	8
Vessels Lost	4	5	11	9	5	7	3	5	3	6	6	7
Vessels of Unknown GT												
Shipping Accident	14	12	10	8	15	10	5	6	4	6	9	3
Shipping accident fatalities	1	0	0	1	1	1	3	4	0	0	1	0
Accident aboard ship	2	2	2	1	3	2	0	0	0	1	1	0
Accident aboard ship fatalities	1	1	2	0	1	0	0	0	0	1	1	0
Vessels Lost	1	4	1	2	3	1	1	3	0	1	2	0
Total Shipping Accidents	99	103	89	70	74	80	73	76	68	100	83	84
Total Shipping accident fatalities	8	7	2	2	11	3	6	10	1	14	6	1
Total Accidents aboard ship	18	13	14	17	22	19	18	17	13	19	17	22
Total Accident aboard ship fatalities	4	4	11	5	6	6	4	0	2	5	5	10
Total Vessels Lost	16	23	22	22	17	15	13	14	7	14	16	9

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

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.

All definitions can be found in the TSB annual report, Appendix B.

Source: Transportation Safety Board

Table S15: Aviation Occurrences and Casualties Involving Aircraft Operating Under CARs, 2014–2019

	2014	2015	2016	2017	2018 ^R	Average 2014–2018	2019 ^P
Canadian-Registered Aircraft Accidents¹	189	207	185	190	152	184.6	188
Type of Operation							
Airliner	3	6	1	4	3	3.4	5
Commuter	3	2	1	5	0	2.2	2
Air taxi	19	18	19	20	19	19.0	26
Aerial work	18	21	17	19	16	18.2	16
Private operator passenger transportation	1	1	5	1	1	1.8	1
Flight training	27	29	19	36	19	26.0	31
Private/Recreational Aviation Accidents²	118	133	125	106	95	115.4	109
Airplanes	106	120	111	96	83	103.2	96
Balloons	2	0	0	0	0	0.4	0
Gliders	2	4	4	4	1	3.0	2
Gyroplanes	1	1	1	1	2	1.2	0
Helicopters	8	10	9	5	9	8.2	11
Canadian-Registered Basic and Advanced Ultralights	26	13	19	21	15	18.8	16
Others ³	1	0	0	0	0	0.2	0
Fatal Accidents Involving Canadian-Registered Aircraft	9	19	21	18	16	16.6	26
Type of Operation							
Airliner	0	0	0	1	0	0.2	0
Commuter	0	0	0	0	0	0.0	0
Air taxi	1	5	1	0	1	1.6	8
Aerial work	0	3	3	2	3	2.2	0
Private operator passenger transportation	0	0	1	0	1	0.4	0
Flight training	0	1	0	5	0	1.2	4
Private/Recreational Aviation²							
Airplanes	8	10	14	10	9	10.2	12
Balloons	0	0	0	0	0	0.0	0
Gliders	0	0	1	1	0	0.4	0
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	0	1	1	0	3	1.0	3
Canadian-Registered Basic and Advanced Ultralights	2	3	4	1	2	2.4	2
Others ³	0	0	0	0	0	0.0	0
Fatalities	13	36	29	27	25	26.0	54
Type of Operation							
Airliner	0	0	0	1	0	0.2	0
Commuter	0	0	0	0	0	0.0	0
Air taxi	2	12	1	0	3	3.6	24
Aerial work	0	5	3	3	5	3.2	0
Private operator passenger transportation	0	0	4	0	0	0.8	0
Flight training	0	2	0	6	0	1.6	5
Private/Recreational Aviation²							
Airplanes	11	16	18	16	12	14.6	18
Balloons	0	0	0	0	0	0.0	0
Gliders	0	0	1	1	0	0.4	0
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	0	1	2	0	5	1.6	7
Canadian-Registered Basic and Advanced Ultralights	2	3	4	1	2	2.4	3
Others ³	0	0	0	0	0	0.0	0

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, preliminary data as of February 10, 2020

Table S16: Summary of Aviation Occurrences Reported to the Transportation Safety Board, 2014–2019

	2014	2015	2016	2017	2018 ^R	2014–2018 Average	2019 ^P
Canadian–Registered Accidents¹	212	227	200	208	173	204.0	199
Accidents involving aircraft operating under CARs	189	207	186	191	153	185.2	188
Other accidents ²	23	20	14	17	20	18.8	11
Foreign–Registered Aircraft Accidents in Canada	6	8	8	7	11	8.0	10
Fatal accidents	2	2	1	0	0	1.0	4
Fatalities	4	3	7	0	0	2.8	11
Reportable Incidents	750	811	866	970	887	856.8	936
Risk of collision/Loss of separation	95	111	139	172	144	132.2	135
Declared emergency	316	334	314	350	341	331.0	366
Engine failure	108	118	125	112	103	113.2	118
Smoke/Fire	89	91	88	105	102	95.0	92
Collision	16	8	18	25	26	18.6	31
Other	126	149	182	206	171	166.8	194

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 February 10, 2020

Table S17: Canadian-Registered Aircraft (CRA) Accident Rates for Aircraft Operating Under CARs, 2014–2019

	2014	2015	2016	2017	2018 ^R	2014–2018 Average	2019 ^P
CRA Accidents¹	189	207	185	190	152	184.6	188
Private/Recreational Aviation²	118	133	125	106	95	115.4	109
Airplanes	106	120	111	96	83	103.2	96
Balloons	2	0	0	0	0	0.4	0
Gliders	2	4	4	4	1	3.0	2
Gyroplanes	1	1	1	1	2	1.2	0
Helicopters	8	10	9	5	9	8.2	11
Basic and Advanced Ultralights	26	13	19	21	15	18.8	16
Hours Flown^R (thousands)	4,271	4,334	4,473	4,721	5,050	4,569.8	5,201
Accident Rate (per 100,000 hours flown)	4.4	4.8	4.1	4.0	3.0	4.0	3.6
Canadian Civil Aircraft Registered¹	29,249	29,236	29,081	29,112	29,110	29,157.6	29,169
Private/Recreational Aviation²	22,035	21,989	21,915	21,912	21,862	21,942.6	21,785
Airplanes	19,584	19,551	19,469	19,435	19,387	19,485.2	19,331
Balloons	508	506	506	508	501	505.8	492
Gliders	725	721	717	719	716	719.6	714
Gyroplanes	214	222	226	229	230	224.2	230
Helicopters	1,004	989	996	1,020	1,028	1,007.4	1,018
Basic and Advanced Ultralights	7,125	7,246	7,355	7,459	7,590	7,231.6	7,682
Accident Rate (per 1,000 Canadian civil aircraft registered)	6.6	7.1	6.4	6.5	5.2	6.3	6.4
Private/Recreational Aviation²	5.4	6	5.7	4.8	4.3	5.3	5.0
Airplanes	5.4	6.1	5.7	4.9	4.2	5.3	5.0
Balloons	3.9	0	0	0.0	0	0.8	0
Gliders	2.8	5.5	5.6	5.6	1.4	4.2	2.8
Gyroplanes	4.7	4.6	4.4	4.4	8.7	5.4	0
Helicopters	8	10.1	9	4.9	8.8	8.1	10.8
Basic and Advanced Ultralights	3.6	1.8	2.6	2.8	2.0	2.6	2.1

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 February 10, 2020

Table S18: Accidents Involving Aircraft Operating under CARs by Province/Territory, 2014–2019

	2014	2015	2016	2017	2018 ^R	2014–2018 Average	2019 ^P
Accidents							
Newfoundland and Labrador	1	5	3	2	2	2.6	2
Nova Scotia	2	3	2	2	1	2.0	1
New Brunswick	5	2	5	5	1	3.6	8
Prince Edward Island	0	0	0	1	0	0.2	0
Quebec	53	41	26	39	25	36.8	42
Ontario	49	64	40	46	40	47.8	43
Manitoba	11	13	16	8	6	10.8	11
Saskatchewan	9	12	10	12	13	11.2	12
Alberta	28	21	34	32	28	28.6	26
British Columbia	26	38	43	34	29	34.0	36
Yukon	3	6	1	4	2	3.2	2
Northwest Territories	2	2	3	2	4	2.6	4
Nunavut	0	0	2	3	1	1.2	1
Total	189	207	185	190	152	184.6	188
Fatal Accidents							
Newfoundland and Labrador	0	1	0	0	0	0.2	1
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	1	0	1	0	0	0.4	1
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	1	6	5	4	2	3.6	6
Ontario	3	5	1	3	4	3.2	5
Manitoba	0	0	1	3	0	0.8	1
Saskatchewan	1	2	2	2	1	1.8	0
Alberta	1	3	4	3	4	3.0	5
British Columbia	2	2	7	2	4	3.4	5
Yukon	0	0	0	1	0	0.2	1
Northwest Territories	0	0	0	0	1	0.2	1
Nunavut	0	0	0	0	0	0.0	0
Total	9	19	21	18	16	16.6	26
Fatalities							
Newfoundland and Labrador	0	1	0	0	0	0.2	7
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	2	0	2	0	0	0.8	1
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	1	15	7	6	4	6.6	10
Ontario	4	9	1	5	6	5.0	9
Manitoba	0	0	2	4	0	1.2	3
Saskatchewan	2	3	2	3	1	2.2	0
Alberta	1	4	4	5	5	3.8	8
British Columbia	3	4	11	3	6	5.4	12
Yukon	0	0	0	1	0	0.2	2
Northwest Territories	0	0	0	0	3	0.6	2
Nunavut	0	0	0	0	0	0.0	0
Total	13	36	29	27	25	26.0	54

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) and ultralight aircraft are excluded.

Source: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of February 12, 2020

Table S19: Reportable Accidents Involving Dangerous Goods by Mode and Phase of Transport, 2008–2018

<i>Year</i>	----- <i>In-Transit</i> -----				<i>Subtotal</i>	<i>Not In-Transit</i>	<i>Total</i>
	<i>Road</i>	<i>Rail</i>	<i>Air</i>	<i>Marine</i>			
2008	115	7	4	0	126	310	436
2009	78	5	0	0	83	243	326
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	278	396
2014	111	6	3	0	120	265	385
2015	88	10	3	0	101	233	334
2016	102	5	5	2	114	188	302
2017	227	10	5	0	242	151	393
2018 ^R	246	19	5	2	272	168	452
2008 - 2018 Average	122.1	7.3	3.1	0.4	132.8	236.5	370.4

Notes: R= Revised data. TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods accidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. Now releases and anticipated releases must satisfy at least one of six specific criteria before requiring “30 day follow-up report “ completion to be considered a reportable accident.

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

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, 2008–2018

Year	Fatalities	-----Injuries-----			Total
		Major	Moderate	Minor	
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	0	0	2	81	83
2016	2	0	2	7	9
2017	2	1	36	2	39
2018 ^R	0	2	13	10	25
2008 - 2018 Average	5.0	0.7	10.2	10.9	21.8

Notes: R= Revised data. TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods accidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. Now releases and anticipated releases must satisfy at least one of six specific criteria before requiring “30 day follow-up report” completion to be considered a reportable accident.

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, Que. rail accident on July 6, 2013 accounted for 47 of the deaths attributed to the dangerous goods.

The Vancouver, B.C. 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.

The Taber, Alta. two vehicle collision on May 4, 2016 involving a highway tank truck transporting diesel fuel and pickup truck caught fire and exploded killing both drivers.

One employee died from asphyxiation after inhaling nitrogen vapours during tank truck cleaning and purging operations in Oakville, Ontario on January 27, 2017.

The Leeds, Ont. multi-vehicle collision accident on March 14, 2017 involving tote tanks containing Fluorosilicic Acid resulted in one death, one major injury and 32 moderate injuries.

Source: Transport Canada, Dangerous Goods Accident Information System

AIR TRANSPORTATION

Table A1: Number of Aerodromes in Canada, 2010–2019

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		
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
2017	296	702	5	1,003	63.8	216	130	0	346	22.0
2018	285	709	5	999	64.7	191	130	0	321	20.8
2019	297	943	8	1,248	62.2	262	151	4	417	20.8

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		
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	1,053	7	1,594	100.0
2017	5	218	0	223	14.2	517	1,050	5	1,572	100.0
2018	7	218	0	225	14.6	483	1,057	5	1,545	100.0
2019	5	336	0	341	17.0	564	1,430	12	2,006	100.0

Notes: As published in the Canada Flight Supplement (CFS) or the Water Aerodrome Supplement (WAS).
The methodology has changed from 2018 to 2019.

Source: Transport Canada, Civil Aviation, National Operations

Table A2: Airport Capital Assistance Program Expenditures, by Province/Territory, 2010/2011–2019/2020

(Thousands of dollars)

Province	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 ^R	2019/20 ^P
Newfoundland and Labrador	247.8	313.8	9,061.3	240.0	24.8	0.0	0.0	219.6	98.2	938.6
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	83.9	513.5	437.5	166.8	70.4	3,551.9	127.1	701.8	13.7	226.1
New Brunswick	1,971.9	0.0	0.0	0.0	0.0	616.8	0.0	0.0	287.7	664.0
Quebec	646.8	1,517.3	2,414.6	353.2	735.4	1,272.4	7,546.0	9,289.0	7,903.1	2,387.1
Ontario	3,899.1	11,583.7	4,628.3	1,874.9	6,454.9	705.1	10,794.6	3,231.6	7,714.7	8,878.5
Manitoba	1,411.2	8,109.5	297.1	1,167.4	1,650.9	4,229.9	1,701.6	7,856.6	4,038.6	1,864.5
Saskatchewan	0.0	211.7	5,643.7	0.0	140.4	7,529.8	3,898.6	1,565.7	471.3	697.9
Alberta	690.2	1,080.3	259.6	901.5	3,592.3	12,966.0	354.3	4,632.2	11,393.7	4,726.4
British Columbia	676.3	6,883.2	6,396.5	2,373.2	11,034.0	14,834.3	7,118.6	6,656.3	4,385.2	12,305.4
Northwest Territories	0.0	0.0	360.1	0.0	617.8	910.3	1,600.4	776.4	2,065.3	3,932.4
Yukon	0.0	189.0	305.3	154.1	2,948.7	318.9	0.0	0.0	0.0	0.0
Nunavut	0.0	0.0	397.9	5,195.7	116.9	0.0	0.0	0.0	326.1	796.8
Total	9,627.2	30,402.0	30,201.9	12,426.8	27,386.5	46,935.4	33,141.2	34,929.2	38,697.6	37,417.7

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

Source: Transport Canada, Authorities Stewardship

Table A3: Airport Authorities Financial Performance, 2018

(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	95,651	143,186	56,471	228,494	509,814	41,983	47,979	7,861	32,793	7,598	7,879	
Non-Aeronautical Revenues	161,353	249,825	76,515	205,532	509,971	41,862	41,485	16,521	35,915	10,478	13,823	
Improvement Fees	163,880	172,133	100,815	215,081	459,964	54,215	48,972	15,111	42,745	13,556	14,017	
Contributions	0	5,604	3,810	0	0	0	0	1,058	0	1,879	1,823	
Total Revenues	420,884	570,748	237,611	649,107	1,479,749	138,060	138,436	40,551	111,453	33,511	37,542	
Expenses (less Interest Charges)	420,364	383,735	169,984	404,349	862,837	99,729	90,652	26,430	76,509	22,707	22,233	
Rent to Federal Government	42,466	59,530	19,993	69,307	165,249	10,553	9,471	1,890	8,146	1,304	0	
Income	(41,946)	127,483	47,634	175,451	451,663	27,778	38,313	12,231	26,798	9,500	15,309	
Interest Charges	99,851	30,396	42,129	107,279	306,576	20,818	32,329	5	14,980	0	816	
Other gains/(losses)	(2,845)	0	(68)	6,110	(21,907)	(1,113)	(389)	0	(3,600)	0	0	
Net Income	(144,642)	97,087	5,437	74,282	123,180	5,847	5,595	12,226	8,218	9,500	14,493	
Acquisition of Capital Assets	88,417	351,065	45,821	213,625	319,399	37,027	22,897	14,761	41,355	33,170	17,752	
<i>Ratios:</i>												
Expenses (incl interest) as a % of Rev. Aeronautical Revenues	123.6%	72.6%	89.3%	78.8%	79.0%	87.3%	88.8%	65.2%	82.1%	67.8%	61.4%	
as a % of Total Non-Aeronautical Revenues	22.7%	25.1%	23.8%	35.2%	34.5%	30.4%	34.7%	19.4%	29.4%	22.7%	21.0%	
as a % of Total Revenues	38.3%	43.8%	32.2%	31.7%	34.5%	30.3%	30.0%	40.7%	32.2%	31.3%	36.8%	
<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>Charlottetown</i>	<i>Gander</i>	<i>Fredericton</i>	<i>Prince George</i>	<i>Total</i>
Aeronautical Revenues	13,643	5,330	11,875	8,188	2,882	6,427	1,614	2,446	2,963	2,342	4,492	1,241,911
Non-Aeronautical Revenues	27,677	12,247	14,126	4,076	5,038	5,538	1,922	3,260	4,070	2,665	5,068	1,448,967
Improvement Fees	26,835	11,126	23,801	0	3,780	7,696	3,256	3,696	1,901	4,144	5,401	1,392,125
Contributions	3,432	276	0	156	0	0	197	955	925	1,201	1,440	22,756
Total Revenues	71,587	28,979	49,802	12,420	11,700	19,661	6,989	10,357	9,859	10,352	16,401	4,105,759
Expenses (less Interest Charges)	50,611	21,610	34,261	9,953	9,541	14,760	6,757	8,132	9,290	8,486	10,909	2,763,839
Rent to Federal Government	4,135	1,063	2,923	186	140	515	18	44	21	36	312	397,302
Income	16,841	6,306	12,618	2,281	2,019	4,386	214	2,181	548	1,830	5,180	944,618
Interest Charges	5,691	1,711	5,190	169	764	1,020	0	0	238	35	502	670,499
Other gains/(losses)	(58)	0	0	(663)	(14)	0	120	27	(612)	0	(212)	(25,224)
Net Income	11,092	4,595	7,428	1,449	1,241	3,366	334	2,208	(302)	1,795	4,466	248,895
Acquisition of Capital Assets	52,237	2,291	24,179	8,367	1,137	986	3,923	19,163	8,307	869	6,425	1,313,173
<i>Ratios:</i>												
Expenses (incl interest) as a % of Rev. Aeronautical Revenues	78.6%	80.5%	79.2%	81.5%	88.1%	80.3%	96.7%	78.5%	96.6%	82.3%	69.6%	83.6%
as a % of Total Non-Aeronautical Revenues	19.1%	18.4%	23.8%	65.9%	24.6%	32.7%	23.1%	23.6%	30.1%	22.6%	27.4%	30.2%
as a % of Total Revenues	38.7%	42.3%	28.4%	32.8%	43.1%	28.2%	27.5%	31.5%	41.3%	25.7%	30.9%	35.3%

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.

Source: Airport Authority 2018 Annual Reports (Consolidated Financial Statements)

Table A4: Airport Improvement Fees (AIF) at National Airport System (NAS) Airports, 2010–2019

Airport	Charge per passenger (dollars)										Airline Handling Fee (per cent)
	As of January 1										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Calgary	22	25	25	30	30	30	30	30	30	30	4
Charlottetown	15	20	20	20	20	20	20	20	20	20	5
Edmonton	20	20	25	25	25	30	30	30	30	30	5
Fredericton	20	20	20	20	20	20	20	20	20	25	5
Gander ¹⁰	20	20	25	25	25	25	25	25	25	35	7
Halifax ¹	15	20	20	20	25	25	25	25	28	28	6
Iqaluit	0	0	0	0	0	0	0	0	0	0	N/A
Kelowna ¹¹	10	12	15	15	15	15	15	15	15	20	7
London ¹²	15	15	15	15	15	15	15	15	15	7	7
Moncton ⁷	15	20	20	20	20	20	20	20	25	25	7
Montreal (Trudeau) ⁹	25	25	25	25	25	25	25	25	25	30	4
Ottawa	15	20	20	20	23	23	23	23	23	23	6
Prince George	18	18	18	20	20	20	25	25	25	25	7
Quebec City ²	25	25	25	27	29	30	33	33	35	35	7
Regina ³	15	15	20	20	20	20	20	20	20	20	7
Saint John	20	20	20	20	25	25	25	25	25	25	5
Saskatoon ⁴	15	15	15	20	20	20	20	20	20	20	7
St. John's ⁸	15	20	20	20	20	30	30	30	35	35	7
Thunder Bay	0	0	0	0	0	0	0	0	0	0	N/A
Toronto ⁵	25	25	25	25	25	25	25	25	25	25	4
Vancouver ⁶	15	15	15	20	20	20	20	20	20	25	4
Victoria	10	10	10	10	10	15	15	15	15	15	7
Whitehorse	0	0	0	0	0	0	0	0	0	0	N/A
Winnipeg	20	20	20	25	25	25	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 October 1, 2017, AIF increased to \$28, and 15\$ for flights to J.A. Douglas McCurdy Sydney Airport. Effective October, 2017 AIF to YQY is 15\$.

2 Effective March 1, 2017, AIF increased to \$35.

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

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

7 Effective January 1, 2018 AIF increased to \$25.

8 Effective July 1, 2017, AIF increased to \$35.

9 Effective April 1, 2018, AIF increased to \$30.

10 Effective January 1, 2019, AIF increased to \$35.

11 Effective April 1, 2019, AIF increased to \$20.

12 Effective April 28, 2019, AIF decrease to \$7.

Source: Air Transport Association of Canada and Airport Authorities

Table A5: Air Travellers Security Charge (ATSC), 2002–2019

Sector	ATSC Rates (Current dollars per enplaned passenger)						Current since April 1st 2010 ¹
	----- Effective Date -----						
	April 1 2002 ¹	March 1 2003 ¹	April 1 2004 ¹	March 1 2005 ¹	July 1 2006 ¹	January 1 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 (Include Mexico).

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

Table A7: Licence Authorities Held by Air Carriers as of December 31, 2019

Licence Aircraft Type	Services			Total Licences	Number of Air Carriers ¹
	Domestic	Scheduled International	Non-Scheduled International		
Total Canada	621	326	297	1,244	559
Small aircraft	546	10	236	792	
Medium aircraft	22	42	19	83	
Large aircraft	15	171	15	201	
All cargo aircraft	38	103	27	168	
Total United States	0	42	578	620	584
Total Foreign	0	118	194	312	246
Total	621	486	1,069	2,176	1,389

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 2019

Category	In Force	Issued 12 Months	Gender	
			Male	Female
Aeroplanes				
Private Pilot	19,832	2,813	18,266	1,566
Commercial Pilot	5,493	1,259	5,026	467
Airline Transport Pilot	9,971	664	9,391	580
Multi-Crew Pilots	2	0	2	0
Total	35,298	4,736	32,685	2,613
Helicopters				
Private Pilot	616	59	597	19
Commercial Pilot	2,238	201	2,118	120
Airline Transport Pilot	752	46	725	27
Total	3,606	306	3,440	166
Permits				
Gyroplane Pilot	58	7	57	1
Ultra-Light Pilot	2,378	107	2,306	72
Recreational Pilot	1,124	73	1,068	56
Total	3,560	187	3,431	129
Other Licences				
Glider Pilot	5,789	272	5,070	719
Balloon Pilot	144	7	129	15
Flight Engineer	203	0	197	6
Air Traffic Controller	1,275	62	1,075	200
Total	7,411	341	6,471	940
Total Licences & Permits	49,875	5,570	46,027	3,848

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 2018 and 2019

Province/Territory	Number of Licences 2018	Number of Licences 2019	Growth (per cent) 2018 - 2019
Quebec	12,813	10,887	(15.0)
British Columbia	11,052	10,912	(1.3)
Alberta	10,150	8,354	(17.7)
Manitoba	3,081	2,527	(18.0)
Saskatchewan	2,205	1,852	(16.0)
Other	2,097	1,828	(12.8)
New Brunswick	1,493	1,367	(8.4)
Nova Scotia	1,037	893	(13.9)
Newfoundland and Labrador	772	629	(18.5)
Northwest Territories	379	255	(32.7)
Yukon	336	282	(16.1)
Prince Edward Island	132	127	(3.8)
Nunavut	22	15	(31.8)
Total	67,031	57,644	(14.0)

Note: Including student pilot permits.

Source: Transport Canada, Safety and Security, Civil Aviation

Table A10: Total Operating Revenues of Canadian Air Carriers, 2008–2017

(millions of dollars)

Year	Passengers Services	Goods Services	Other Services ¹	Total	Growth (per cent)
2008	15,304	1,267	920	17,491	-
2009	13,563	1,032	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	18,081	1,225	1,037	20,343	6.7
2013	18,525	1,178	1,113	20,816	2.3
2014	19,726	1,209	1,374	22,309	7.2
2015	20,058	1,202	1,573	22,833	2.3
2016	20,319	1,257	1,655	23,231	1.7
2017	22,384	1,492	1,681	25,558	10.0
CAGR 2008-2017 (per cent)	3.9	1.6	6.2	3.9	

Notes: CAGR= Compound 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: 2008-2011: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues
2012-2017: Statistics Canada, Table 23-10-0034-01

Table A11: Annual Labour Costs per Employee of Canadian Air Carriers, 2008–2017

Levels I-III ¹	Average Annual Salary (dollars)									
	2008	2009	2010	2011	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R
Pilots and Copilots	98,726	101,390	102,225	105,963	113,595	116,276	116,571	114,130	125,817	124,309
Other Flight Personnel	44,559	43,698	44,523	48,605	51,418	52,361	49,901	57,924	50,282	50,580
Management and Administration	84,596	76,091	75,058	80,632	75,242	80,607	76,431	87,235	95,746	100,018
Other Carrier Personnel ²	52,873	52,840	49,079	53,444	54,771	55,089	56,854	58,773	60,480	57,867
Total Levels I - III	63,729	62,969	59,460	64,140	66,700	67,880	68,084	71,930	72,126	70,478
Levels I-III ¹	Number of Employees									
	2008	2009	2010	2011	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R
Pilots and Copilots	9,925	9,504	9,667	10,094	10,236	10,426	10,420	11,261	10,447	11,255
Other Flight Personnel	11,485	10,901	11,770	12,042	12,176	12,426	12,469	11,598	13,497	14,540
Management and Administration	2,996	3,098	3,355	3,543	4,276	4,058	4,495	4,098	3,124	3,162
Other Carrier Personnel ²	17,475	19,324	27,930	27,444	27,702	28,411	28,144	28,540	29,186	32,507
Total Levels I - III	41,881	42,827	52,722	53,123	54,390	55,321	55,528	55,497	56,254	61,464

Notes: R= Revised 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 2007-2011: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues
2012-2017: Statistics Canada, Table 23-10-0266 (formerly 401-0072) - Civil aviation employment and fuel consumption, Canadian air carriers, Levels I to III, annual

Table A12: Average Scheduled Daily Seat-Kilometres, by Air Carrier, Domestic Sector, 2018 and 2019

<i>Airlines¹</i>	<i>Daily Seat-Kilometres² (million)</i>		<i>Percentage Change</i>	<i>Capacity Share (per cent)</i>	
	<i>2018⁸</i>	<i>2019⁸</i>		<i>2018⁸</i>	<i>2019⁸</i>
Air Canada Family					
Air Canada ³	84.1	88.6	5.3	41.3	43.9
Air Canada Express - Jazz	19.8	18.4	(6.7)	9.7	9.1
Air Canada Express - Others ⁴	4.0	1.1	(73.5)	1.9	0.5
Total	107.8	108.1	0.2	52.9	53.5
National and Leisure Airlines					
WestJet ⁵	72.8	65.4	(10.2)	35.7	32.4
Porter Airlines	4.5	4.4	(2.7)	2.2	2.2
Air Transat ⁶	2.8	4.0	45.2	1.4	2.0
Sunwing Airlines ⁶	0.4	0.5	29.5	0.2	0.3
Total	80.5	74.4	(7.7)	39.5	36.8
Northern Airlines					
First Air	1.3	1.1	(19.0)	0.7	0.5
Canadian North	1.9	2.2	13.4	0.9	1.1
Air North	1.5	1.4	(10.4)	0.7	0.7
Total	4.8	4.6	(3.3)	2.3	2.3
Local Service Airlines	10.6	14.9	40.7	5.2	7.4
Grand Total	203.7	202.0	(0.9)	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 2018 and 2019 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: Electronic Collection of Air Transportation Statistics (ECATS), Transport Canada

Table A13: Competition in the Top 25 Domestic Air Markets as of December 31, 2019

Rank	Market ¹	Daily Seats ² 2019	Percentage change over		----- Capacity Market Shares (per cent) -----				Daily Seats ² 2018
			2018		Air Canada ³	WestJet ⁴	Porter Airlines	Others	
1	Montreal, QC - Toronto, ON	5,923	1.3		62.6	16.4	14.0	7.0	5,846
2	Vancouver, BC - Toronto, ON	4,834	2.0		68.5	24.2	0.0	7.3	4,738
3	Ottawa, ON - Toronto, ON	3,840	0.1		48.6	24.7	26.6	0.1	3,834
4	Vancouver, BC - Calgary, AB	3,791	(3.6)		45.7	48.6	0.0	5.7	3,934
5	Calgary, AB - Toronto, ON	3,636	2.6		51.5	42.4	0.0	6.1	3,546
6	Edmonton, AB - Vancouver, BC	2,369	(8.1)		50.5	41.3	0.0	8.2	2,578
7	Edmonton, AB - Toronto, ON	2,343	(0.7)		53.4	37.6	0.0	9.0	2,360
8	Halifax, NS - Toronto, ON	1,988	(2.9)		61.3	36.9	0.6	1.2	2,048
9	Winnipeg, MB - Toronto, ON	1,855	(1.6)		54.1	39.2	0.0	6.7	1,886
10	Edmonton, AB - Calgary, AB	1,692	(10.3)		38.0	52.3	0.0	9.7	1,886
11	Vancouver, BC - Victoria, BC	1,568	(4.9)		54.2	23.9	0.0	21.9	1,649
12	Kelowna, BC - Vancouver, BC	1,250	(5.0)		49.9	48.2	0.0	1.9	1,316
13	Montreal, QC - Vancouver, BC	1,249	(2.5)		85.0	6.5	0.0	8.5	1,280
14	Winnipeg, MB - Calgary, AB	1,205	3.5		23.3	66.4	0.0	10.3	1,164
15	Kelowna, BC - Calgary, AB	1,100	(3.0)		18.7	80.2	0.0	1.1	1,133
16	Thunder Bay, ON - Toronto, ON	1,096	0.9		42.8	19.0	38.1	0.0	1,086
17	Quebec City, QC - Toronto, ON	1,052	7.0		69.4	21.8	8.5	0.2	983
18	St John's, NL - Toronto, ON	1,047	(0.1)		73.8	25.0	0.0	1.2	1,047
19	Saskatoon, SK - Calgary, AB	1,010	3.0		28.8	71.1	0.0	0.0	981
20	Halifax, NS - Montreal, QC	845	(5.2)		66.1	15.5	18.2	0.1	892
21	Calgary, AB - Victoria, BC	838	(3.7)		22.4	77.5	0.0	0.0	870
22	Halifax, NS - Ottawa, ON	779	(4.4)		44.5	25.4	30.2	0.0	816
23	Regina, SK - Calgary, AB	773	(2.1)		28.7	70.5	0.0	0.8	790
24	Quebec City, QC - Montreal, QC	750	(25.8)		82.0	0.0	0.0	17.9	1,011
25	Halifax, NS - St John's, NL	708	(9.3)		47.1	37.1	15.5	0.3	781

Notes:

- 1 The top 25 markets are ranked on the number of 2019 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 Montréal Pierre Elliot Trudeau and Montréal St-Hubert.
- 7 Includes Vancouver International and Vancouver Harbour.
- 8 Includes Victoria International and Victoria Harbour.

Source: Electronic Collection of Air Transportation Statistics (ECATS), Transport Canada

Table A14: Top 20 Busiest Canadian Airports in Terms of Enplaned/Deplaned Revenue Passengers, 2010–2019

		(Millions of E/D revenue passengers)										
Ranking												
Average												
2010-19	Sector, Airport/Province	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P	2010-19 CAGR
1	Toronto Pearson International, ON	30.9	32.5	34.2	35.3	37.3	39.7	43.1	45.9	48.4	49.1	5.3
2	Vancouver International, BC	16.4	16.8	17.3	17.7	19.2	19.8	21.9	23.9	25.5	25.5	5.0
3	Montréal Trudeau International, QC	12.7	13.4	13.6	13.6	14.2	14.8	16.0	17.7	18.9	19.6	4.9
4	Calgary International, AB	12.0	12.3	13.1	13.7	14.6	14.8	15.1	15.7	16.7	17.2	4.1
5	Edmonton International, AB	6.2	6.4	6.9	7.4	7.8	7.5	7.2	7.7	8.0	7.9	2.8
6	Ottawa Macdonald-Cartier Int'l, ON	4.3	4.5	4.6	4.5	4.6	4.6	4.8	4.9	5.1	5.1	1.7
7	Winnipeg Richardson International, MB	3.5	3.5	3.5	3.5	3.7	3.7	4.0	4.4	4.2	4.1	2.0
8	Halifax Robert L. Stanfield Int'l, NS	3.5	3.6	3.6	3.6	3.6	3.7	3.9	4.1	4.3	4.1	1.9
9	Kelowna, BC	1.4	1.4	1.4	1.5	1.6	1.6	1.7	1.9	2.0	2.0	3.9
10	Victoria International, BC	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	2.0	1.9	2.6
	Total - Top 10 Airports¹	92.4	95.7	99.7	102.3	108.1	111.8	119.5	128.0	135.1	136.4	4.4
11	Aéroport Int'l Jean-Lesage de Québec, QC	1.3	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	3.1
12	Saskatoon John G. Diefenbaker, SK	1.2	1.2	1.3	1.4	1.5	1.4	1.5	1.4	1.5	1.4	2.0
13	St John's International, NL	1.3	1.3	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.0
14	Regina International, SK	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	0.6
15	Abbotsford, BC	C	C	C	C	C	C	C	C	C	C	
16	John C Munro Hamilton Int'l, ON	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.8	0.7	1.0	10.1
17	Thunder Bay, ON	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.6
18	London, ON	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	3.3
19	Moncton/Greater Moncton Int'l, N.-B.	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	2.2
20	Fort McMurray, AB	0.7	0.7	0.9	1.1	1.2	1.0	0.7	0.7	0.6	0.6	(1.6)
	Total - Top 20 Airports	99.9	103.3	107.7	110.6	116.6	120.2	128.2	137.4	144.5	146.2	4.3
	Grand Total for All Airports	110.8	115.4	121.1	124.7	131.5	134.8	143.1	152.9	160.3	161.6	4.3
	Top 10's Share (%) of Grand Total	83.4	83.0	82.3	82.1	82.2	82.9	83.5	83.7	84.2	84.4	
	Top 20's Share (%) of Grand Total	90.2	89.6	89.0	88.7	88.7	89.1	89.6	89.9	90.1	90.5	

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 10 airports, but was not included due to confidentiality.

Source: Transport Canada, ECATS database

Table A15: Top 10 Busiest Canadian Airports in Terms of Enplaned/Deplaned Revenue Passengers, by Sector, 2010–2019

		(Millions of E/D revenue passengers)										
Ranking												
Average												
2010-19	Sector, Airport/Province	2010	2011	2012	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P	2010-19 CAGR
Domestic¹												
1	Toronto Pearson International, ON	12.8	13.1	13.8	14.4	15.1	15.7	16.8	17.2	17.6	17.6	3.6
2	Vancouver International, BC	8.6	8.7	9.0	9.3	9.9	10.1	10.9	11.6	12.2	12.3	4.0
3	Calgary International, AB	8.4	8.5	9.1	9.6	10.2	10.4	10.6	10.9	11.7	11.9	4.0
4	Montréal Trudeau International, QC	4.8	5.1	5.2	5.2	5.5	5.6	6.2	6.7	6.9	6.9	4.1
5	Edmonton International, AB	4.8	4.9	5.4	5.8	6.0	5.9	5.9	6.4	6.6	6.5	3.4
6	Ottawa Macdonald-Cartier Int'l, ON	3.2	3.3	3.4	3.3	3.4	3.5	3.7	3.9	4.0	4.0	2.5
7	Halifax Robert L. Stanfield Int'l, NS	2.8	2.8	2.9	2.9	2.9	3.0	3.3	3.5	3.6	3.5	2.4
8	Winnipeg Richardson International, MB	2.9	2.9	2.9	2.9	3.0	3.1	3.4	3.8	3.6	3.5	2.1
9	Kelowna, BC	1.3	1.2	1.3	1.3	1.4	1.4	1.6	1.7	1.9	1.8	4.2
10	Victoria International, BC	1.2	1.2	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.6	3.3
	Subtotal (Domestic)	50.7	51.8	54.2	55.9	58.7	60.0	63.8	67.3	69.7	69.5	3.6
Transborder¹												
1	Toronto Pearson International, ON	8.5	8.8	9.3	9.7	10.2	10.9	11.8	12.7	13.4	13.6	5.4
2	Vancouver International, BC	4.1	4.1	4.2	4.2	4.7	5.0	5.4	6.0	6.3	6.3	5.0
3	Montréal Trudeau International, QC	3.1	3.1	3.1	3.2	3.4	3.5	3.8	4.0	4.3	4.4	4.1
4	Calgary International, AB	2.4	2.5	2.7	2.7	3.0	3.0	2.9	3.1	3.3	3.5	4.4
5	Edmonton International, AB	1.0	1.1	1.2	1.2	1.3	1.2	0.9	0.9	1.0	1.0	(0.4)
6	Ottawa Macdonald-Cartier Int'l, ON	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7	(0.7)
7	Winnipeg Richardson International, MB	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	1.0
8	Halifax Robert L. Stanfield Int'l, NS	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	(0.5)
9	Victoria International, BC	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.2	(1.4)
10	Aéroport int'l Jean-Lesage de Québec, QC	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3
	Subtotal (Transborder)	20.9	21.6	22.5	23.1	24.7	25.5	26.7	28.4	30.2	30.8	4.4
Other International												
1	Toronto Pearson International, ON	9.6	10.6	11.1	11.3	12.0	13.1	14.5	16.0	17.4	17.8	7.1
2	Montréal Trudeau International, QC	4.8	5.2	5.2	5.3	5.4	5.7	6.0	7.0	7.7	8.2	6.1
3	Vancouver International, BC	3.8	4.0	4.0	4.1	4.6	4.7	5.5	6.3	7.0	6.9	6.9
4	Calgary International, AB	1.3	1.3	1.3	1.3	1.4	1.4	1.6	1.7	1.7	1.9	4.5
5	Ottawa Macdonald-Cartier Int'l, ON	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	(0.3)
6	Edmonton International, AB	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	1.9
7	Aéroport Int'l Jean-Lesage de Québec, QC	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
8	Halifax Robert L. Stanfield Int'l, NS	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.1
9	Winnipeg Richardson International, MB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.2
10	John C Munro Hamilton Int'l, ON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	31.8
	Subtotal (Other International)	21.1	22.8	23.4	23.7	25.1	26.8	29.4	32.6	35.6	36.6	6.3
All Sectors¹												
1	Toronto Pearson International, ON	30.9	32.5	34.2	35.3	37.3	39.7	43.1	45.9	48.4	49.1	5.3
2	Vancouver International, BC	16.4	16.8	17.3	17.7	19.2	19.8	21.9	23.9	25.5	25.5	5.0
3	Montréal Trudeau International, QC	12.7	13.4	13.6	13.6	14.2	14.8	16.0	17.7	18.9	19.6	4.9
4	Calgary International, AB	12.0	12.3	13.1	13.7	14.6	14.8	15.1	15.7	16.7	17.2	4.1
5	Edmonton International, AB	6.2	6.4	6.9	7.4	7.8	7.5	7.2	7.7	8.0	7.9	2.8
6	Ottawa Macdonald-Cartier Int'l, ON	4.3	4.5	4.6	4.5	4.6	4.6	4.8	4.9	5.1	5.1	1.7
7	Halifax Robert L. Stanfield Int'l, NS	3.5	3.5	3.5	3.5	3.7	3.7	4.0	4.4	4.2	4.1	2.0
8	Winnipeg Richardson International, MB	3.5	3.6	3.6	3.6	3.6	3.7	3.9	4.1	4.3	4.1	1.9
9	Victoria International, BC	1.4	1.4	1.4	1.5	1.6	1.6	1.7	1.9	2.0	2.0	3.9
10	Kelowna, BC	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	2.0	1.9	2.6
	Subtotal (All Sectors)	92.4	95.7	99.7	102.3	108.1	111.8	119.5	128.0	135.1	136.4	4.4
Grand Total for All Airports												
	Domestic	67.3	69.4	73.5	75.9	79.7	80.6	85.1	90.1	92.8	92.2	3.6
	Transborder	22.0	22.8	23.8	24.6	26.3	26.9	28.1	29.6	31.5	32.2	4.3
	Other International	21.5	23.1	23.8	24.1	25.6	27.3	29.9	33.2	36.1	37.1	6.3
	All Sectors	110.8	115.4	121.1	124.7	131.5	134.8	143.1	152.9	160.3	161.6	4.3
Top 10's Share (%) of Grand Total												
	Domestic	75.4	74.6	73.8	73.6	73.7	74.4	75.0	74.7	75.1	75.4	
	Transborder	95.4	94.9	94.5	94.0	94.1	94.6	95.1	95.8	95.9	95.5	
	Other International	98.2	98.4	98.2	98.1	98.1	98.1	98.2	98.3	98.6	98.7	
	All Sectors	83.4	83.0	82.3	82.1	82.2	82.9	83.5	83.7	84.2	84.4	

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

1 Toronto Billy Bishop Airport ranks amongst the top 10 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 years 2010-2019

Table A16: Volume of Traffic Carried by Canadian Air Carriers¹, 2010–2019

<i>Year</i>	<i>(Millions)</i>			
	<i>Passengers</i>	<i>Passenger - Kilometers</i>	<i>Goods (Tonnes)</i>	<i>Goods Tonne-Kilometers</i>
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
2016	80.4	191,889	0.724	2,529
2017	86.9	211,966	0.845	3,098
2018	91.4	226,469	0.962	2,482
2019 ^P	93.1	230,765	0.960	3,271
CAGR 2010-2019	5.2	6.0	2.2	5.1

Notes: P=Preliminary data. CAGR= Compounded Annual Growth Rate.

1. Scheduled and charter services, Canadian air carriers Level I to III for 2008 to 2015 and Level I to II for 2016 and 2017.

Source: Statistics Canada, Table 23-10-0259-01

Table A17 : Top 10 Busiest Canadian Airports in Terms of Loaded/Unloaded Revenue Cargo¹, by Sector, 2010-2019

		(Thousands of tonnes loaded and unloaded)										
Ranking												
Average												
2010-19	Sector; Airport/Province	2010	2011	2012	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P	2010-2019 CAGR
Domestic												
1	Vancouver International, BC	78.9	79.1	76.0	71.1	82.2	88.4	91.6	105.1	115.8	110.2	3.8
2	Toronto Pearson International, ON	66.8	65.1	67.6	67.6	73.8	80.2	80.7	96.8	95.7	95.7	4.1
3	John C Munro Hamilton Int'l, ON	69.0	75.8	67.5	65.3	67.7	74.4	77.8	75.7	84.8	80.4	1.7
4	Winnipeg Richardson International, MB	77.8	75.5	76.1	59.0	61.3	C	C	C	C	C	
5	Calgary International, AB	47.5	43.1	40.1	35.1	36.4	44.5	47.7	71.5	71.7	60.1	2.7
6	Montréal Mirabel, QC	36.1	39.3	37.5	35.2	35.0	36.2	C	C	C	C	
7	Montréal Trudeau International, QC	13.3	12.1	12.0	10.3	14.2	15.9	21.8	24.7	28.2	27.2	8.3
8	Moncton/Greater Moncton Int'l, NB	30.9	33.3	C	C	C	C	C	C	C	C	
9	Edmonton International, AB	17.9	18.8	18.4	19.4	20.3	20.6	C	C	C	C	
10	Halifax Robert L. Stanfield Int'l, NS	23.1	26.5	26.5	25.7	26.6	22.0	20.6	23.9	23.9	19.9	(1.6)
	Subtotal (Domestic)	461.2	468.4	454.6	415.6	445.0	483.2	513.2	592.6	614.3	544.6	1.9
Transborder												
1	Toronto Pearson International, ON	111.7	106.4	98.1	98.5	101.9	98.9	97.0	103.5	101.6	99.3	(1.3)
2	Montréal Mirabel, QC	34.9	39.4	37.1	36.2	37.2	36.7	35.9	41.3	49.5	50.1	4.1
3	Vancouver International, BC	37.1	41.4	38.8	40.6	40.8	41.2	41.8	48.3	48.4	35.7	(0.4)
4	Calgary International, AB	23.6	24.5	25.0	26.7	24.3	22.6	24.5	26.5	24.1	23.4	(0.1)
5	John C Munro Hamilton Int'l, ON	10.7	17.2	18.1	25.8	32.5	C	C	C	C	C	
6	Winnipeg Richardson International, MB	7.3	7.2	8.3	8.0	8.3	C	C	C	C	C	
7	Edmonton International, AB	4.9	5.6	6.5	8.0	8.3	6.9	C	C	C	C	
8	Montréal Trudeau International, QC	3.1	1.1	1.1	1.3	1.3	0.9	0.7	1.1	1.7	2.9	(0.8)
9	Ottawa Macdonald-Cartier Int'l, ON	0.8	0.8	0.8	0.9	0.8	1.0	C	C	C	C	
10	Halifax Robert L. Stanfield Int'l, NS	0.5	0.0	0.2	0.0	0.6	0.5	C	C	C	C	
	Subtotal (Transborder)	234.7	243.6	234.0	245.9	256.0	259.4	265.7	262.5	259.5	245.0	0.5
Other International												
1	Toronto Pearson International, ON	174.2	186.8	191.2	189.1	193.4	204.6	215.8	256.0	299.4	274.9	5.2
2	Vancouver International, BC	87.9	85.4	93.1	90.3	111.6	115.6	127.0	141.2	180.4	156.7	6.6
3	Montréal Trudeau International, QC	62.3	64.5	67.7	66.1	62.1	64.1	73.8	78.9	93.3	94.6	4.8
4	Calgary International, AB	29.3	25.6	23.4	27.1	35.4	36.4	29.1	28.3	24.2	22.2	(3.0)
5	John C Munro Hamilton Int'l, ON	0.2	0.6	0.6	1.4	0.5	0.2	C	C	C	C	
6	Halifax Robert L. Stanfield Int'l, NS	4.8	1.8	3.0	3.1	3.4	3.6	C	C	C	C	
7	Edmonton International, AB	1.5	1.3	1.4	1.1	1.2	1.8	C	C	C	C	
8	Ottawa Macdonald-Cartier Int'l, ON	3.9	2.9	2.1	2.0	2.1	2.5	C	C	C	C	
9	Moncton/Greater Moncton Int'l, NB	0.0	0.0	C	C	C	C	C	C	C	C	
10	St John's International, T.-N.-L.	0.1	0.1	0.3	0.1	0.1	0.0	C	C	C	C	
	Subtotal (Other International)	364.3	369.0	382.9	380.1	409.9	428.8	458.3	516.4	615.1	560.6	4.9
All Sectors												
1	Toronto Pearson International, ON	352.7	358.3	357.0	355.2	369.1	383.7	393.5	456.3	496.7	469.9	3.2
2	Vancouver International, BC	204.0	205.9	207.9	202.0	234.6	245.2	260.5	294.6	344.6	302.6	4.5
3	Montréal Trudeau International, QC	78.7	77.7	80.8	77.7	77.6	80.9	96.3	104.8	123.2	124.7	5.3
4	Calgary International, AB	100.4	93.2	88.4	88.8	96.0	103.5	101.3	126.2	119.9	105.7	0.6
5	John C Munro Hamilton Int'l, ON	79.9	93.6	86.2	92.5	100.7	116.9	123.1	100.0	107.3	99.2	2.4
6	Montréal Mirabel, QC	72.1	79.2	75.2	71.8	72.5	73.6	75.1	82.5	97.1	87.7	2.2
7	Winnipeg Richardson International, MB	85.1	82.7	84.9	67.4	70.5	77.5	90.6	105.7	98.0	79.2	(0.8)
8	Edmonton International, AB	24.4	25.7	26.3	28.5	29.9	29.3	35.4	32.6	32.5	29.3	2.1
9	Moncton/Greater Moncton Int'l, NB	30.9	33.3	33.0	26.9	27.7	32.1	32.8	35.2	37.3	25.6	(2.1)
10	Halifax Robert L. Stanfield Int'l, NS	28.4	28.3	29.6	28.8	30.6	26.0	27.1	31.2	27.5	22.9	(2.4)
	Subtotal (All Sectors)	1,056.6	1,077.9	1,069.3	1,039.5	1,109.2	1,168.9	1,235.6	1,369.0	1,483.9	1,346.9	2.7
Grand Total for All Airports												
	Domestic	532.1	541.7	523.1	498.2	518.4	564.1	632.7	738.5	756.7	668.1	2.6
	Transborder	235.4	244.6	235.1	246.7	256.7	260.1	266.2	263.2	260.1	245.5	0.5
	Other International	370.5	373.2	384.5	381.1	412.6	430.4	460.0	517.7	616.4	561.6	4.7
	All Sectors	1,138.0	1,159.4	1,142.8	1,126.1	1,187.8	1,254.6	1,359.0	1,519.4	1,633.2	1,475.2	2.9
Top 10's Share (%) of Grand Total												
	Domestic	86.7	86.5	86.9	83.4	85.8	85.7	81.1	80.2	81.2	81.5	
	Transborder	99.7	99.6	99.5	99.7	99.7	99.7	99.8	99.7	99.7	99.8	
	Other International	98.3	98.9	99.6	99.7	99.3	99.6	99.6	99.7	99.8	99.8	
	All Sectors	92.9	93.0	93.6	92.3	93.4	93.2	90.9	90.1	90.9	91.3	

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

1 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.

Source: Transport Canada, ECATS database

Table A18: Air Exports and Imports, by World Region, 2018 and 2019

(Millions of dollars)

<i>Destination</i>	<i>Region of Origin</i>		<i>Grand Total</i>	<i>Per Cent of Total</i>
	<i>Eastern Canada</i>	<i>Western Canada</i>		
Exports (2018^R)				
Europe	22,993	2,841	25,833	40.8
United States	17,528	1,548	19,076	30.1
Asia	9,776	2,251	12,027	19.0
Latin America	1,878	300	2,179	3.4
Other	3,146	1,090	4,236	6.7
Total Exports¹	55,321	8,030	63,351	100.0
Exports (2019^P)				
Europe	26,559	2,672	29,232	41.9
United States	20,077	1,226	21,302	30.5
Asia	9,965	2,564	12,528	17.9
Latin America	1,841	339	2,181	3.1
Other	3,482	1,088	4,570	6.5
Total Exports¹	61,924	7,889	69,814	100.0
<i>Origin</i>	<i>Region of Clearance</i>		<i>Grand Total</i>	<i>Per Cent of Total</i>
	<i>Eastern Canada</i>	<i>Western Canada</i>		
Imports (2018^R)				
Europe	21,478	2,584	24,062	31.8
United States	15,207	6,361	21,569	28.5
Asia	15,612	3,469	19,082	25.2
Latin America	5,992	583	6,575	8.7
Other	3,857	492	4,349	5.7
Total Imports	62,147	13,489	75,636	100.0
Imports (2019^P)				
Europe	23,333	3,000	26,333	33.0
United States	16,394	5,384	21,778	27.3
Asia	15,598	3,286	18,884	23.7
Latin America	7,744	626	8,370	10.5
Other	3,826	609	4,435	5.6
Total Imports	66,895	12,905	79,800	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, 2018 and 2019

	(Millions of dollars)		
	2018 ^R	2019 ^P	<i>Per Cent Change</i>
Exports¹			
Other manufactured and miscellaneous goods	30,729	36,331	18.2
Machinery and electrical equipment	14,875	15,099	1.5
Automobiles, parts and other transportation equipment	9,411	9,611	2.1
<i>Aviation-related equipment</i>	9,208	9,432	2.4
Chemical products, plastics and rubber	4,920	5,091	3.5
Agricultural and food products	1,895	2,041	7.7
Base metals and articles thereof	814	828	1.7
Waste and scrap material	372	592	59.2
Wood and paper products	186	152	(18.4)
Non-metallic minerals, coal and stone products	67	65	(3.9)
Petroleum products, LNG and other fuels ²	82	3	(95.8)
Metallic ores	1	1	10.8
Total Exports	63,351	69,814	10.2
Imports			
Machinery and electrical equipment	29,235	29,582	1.2
Other manufactured and miscellaneous goods	21,280	23,541	10.6
Chemical products, plastics and rubber	13,736	14,573	6.1
Automobiles, parts and other transportation equipment	7,626	7,947	4.2
<i>Aviation-related equipment</i>	6,746	7,257	7.6
Base metals and articles thereof	1,695	1,669	(1.5)
Agricultural and food products	982	1,169	19.0
Waste and scrap material	518	753	45.2
Wood and paper products	302	307	1.6
Non-metallic minerals, coal and stone products	233	250	7.4
Petroleum products, LNG and other fuels ²	29	7	(74.8)
Metallic ores	0	0	9.3
Total Imports	75,636	79,800	5.5

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, 2019

	<i>Federal</i>	<i>Provincial</i>	<i>Local</i>	<i>Total</i>
Federal Agency Ports				
Canada Port Authorities	17	N/A	N/A	17
Harbour Authorities	0	N/A	N/A	0
Ports Operated by Transport Canada				
Regional/Local	22	N/A	N/A	22
Remote	18	N/A	N/A	18
Ports Transferred¹				
From Transport Canada	68	43	151	262
Status of Other Former Transport Canada Ports				
Demolished	16	N/A	N/A	16
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. This includes summaries of the provincial distribution of the ports Transport Canada administered from 2010 to 2019 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: Transport Canada, Port Program Management

Table M2: Number of Port Facilities Under the Control and Administration of Transport Canada, by Province, 2009–2019

(Status as of December 31, 2019)

<i>Province</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>
Newfoundland and Labrador	14	8	7	7	6	3	3	3	3	2	1
Nova Scotia	4	2	2	2	2	2	2	1	1	0	0
Prince Edward Island	2	1	1	1	0	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0	0	0	0	0	0
Quebec	31	31	27	26	25	25	25	25	24	23	22
Ontario	9	8	8	8	8	8	8	7	7	7	7
Manitoba	1	1	1	1	1	1	1	1	1	1	0
Saskatchewan	0	0	0	0	0	0	0	0	0	0	0
Alberta	1	1	1	1	1	1	1	1	1	1	1
British Columbia	16	15	15	15	13	10	10	10	10	10	9
Northwest Territories	0	0	0	0	0	0	0	0	0	0	0
Total	78	67	62	61	56	50	50	48	47	44	40

Source: Transport Canada, Port Program Management

Table M3: Status of Transport Canada Port Facilities

(Status as of December 31, 2019)

Region	Transferred to		Divested to		Transport Canada Interests			Remaining	Total	Harbour beds without port facilities
	Provinces	Other Federal Departments	Local Interests	Demolished	Terminated	Deproclaimed ¹				
Atlantic	35	6	41	3	14	160	1	260	20	
Quebec	7	3	16	5	0	23	22	76	0	
Ontario	1	4	22	1	4	17	7	56	4	
Manitoba	0	0	0	1	0	0	0	1	0	
Prairie/Northern	0	55	0	0	0	1	1	57	0	
Pacific	0	0	72	6	6	10	9	103	1	
Total	43	68	151	16	24	211	40	553	25	

Note:

1 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.

Source: Transport Canada, Port Program Management

Table M4: Canada Port Authorities (CPA) Financial Results, 2018

(Thousands of dollars)

Financial Information	Vancouver	Montreal	Halifax	Quebec City	Saint John	St. John's	Prince Rupert	Port Alberni	Hamilton
Operating revenues	274,453	123,684	44,634	36,760	23,866	7,834	59,865	4,367	28,126
Operating expenses	136,451	91,063	28,483	29,146	18,735	6,182	32,573	3,849	21,286
Operating income	138,002	32,621	16,151	7,614	5,131	1,652	27,292	518	6,840
Gross revenue charge	7,477	4,496	2,080	1,604	831	159	3,039	84	1,127
Other revenues/(expenses)	(1,278)	(20)	834	(1,085)	274	(24)	558	33	920
Comprehensive Income	129,247	28,105	14,905	4,925	4,574	1,469	24,811	467	6,633
<i>Other Information</i>									
Acquisition of capital assets	130,181	32,532	9,841	10,223	6,415	4,145	8,832	646	10,151
Total assets	1,914,156	456,935	227,264	165,879	107,530	45,856	281,352	16,394	153,322
Equity	1,688,440	374,061	194,884	110,339	102,057	37,527	231,362	11,424	140,836
<i>Ratios</i>									
Operating ratio	49.7%	73.6%	63.8%	79.3%	78.5%	78.9%	54.4%	88.1%	75.7%
Return on assets	6.8%	6.2%	6.6%	3.0%	4.3%	3.2%	8.8%	2.8%	4.3%
<i>Financial Information</i>	<i>Nanaimo</i>	<i>Thunder Bay</i>	<i>Toronto</i>	<i>Windsor</i>	<i>Saguenay</i>	<i>Sept-Îles</i>	<i>Trois-Rivières</i>	<i>Belledune</i>	<i>Total</i>
Operating revenues	10,978	3,267	60,029	1,511	3,823	16,061	9,555	8,935	717,748
Operating expenses	11,024	3,210	53,616	1,538	2,723	12,208	6,062	5,664	463,813
Operating income	(46)	57	6,413	(27)	1,100	3,853	3,493	3,271	253,935
Gross revenue charge	241	76	3,000	34	79	472	206	184	25,189
Other revenues/(expenses)	(228)	518	1,024	172	144	10,507	101	(181)	12,269
Comprehensive Income	(515)	499	4,437	111	1,165	13,888	3,388	2,906	241,015
<i>Other Information</i>									
Acquisition of capital assets		1,734	15,157	46	1,302	3,697	2,937		237,839
Total assets	34,730	43,836	224,999	14,048	30,489	332,402	113,225	76,829	4,239,246
Equity	28,496	43,058	342,754	12,885	25,795	100,665	68,735	54,874	3,568,192
<i>Ratios</i>									
Operating ratio	100.4%	98.3%	89.3%	101.8%	71.2%	76.0%	63.4%	63.4%	64.6%
Return on assets	(1.5%)	1.1%	2.0%	0.8%	3.8%	4.2%	3.0%	3.8%	5.7%

Note: The Oshawa Port Authority did not issue 2018 audited financial statements. The Oshawa Port Authority was amalgamated with the Hamilton Port Authority in June 2019.

Sources: CPAs 2018 Audited Financial Statements

Table M5: Canada Port Authorities (CPA) Financial Comparison, 2017 and 2018

(Thousands of dollars)

CPA Name	Operating revenues		Operating expenses		Gross Revenue Charge		Other revenues/(expenses)		Comprehensive Income	
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017
Vancouver	274,453	246,452	136,451	123,497	7,477	6,931	(1,278)	30,029	129,247	146,053
Montreal	123,684	112,677	91,063	86,092	4,496	4,259	(20)	(2,250)	28,105	20,076
Halifax	44,634	41,831	28,483	31,879	2,080	1,909	834	407	14,905	8,450
Quebec	36,760	29,146	29,146	28,041	1,604	1,520	(1,085)	(379)	4,925	(794)
Saint John	23,866	22,578	18,735	17,726	831	775	274	(69)	4,574	4,008
St. John's	7,834	7,917	6,182	5,399	159	160	(24)	(444)	1,469	1,914
Prince Rupert	59,865	62,411	32,573	34,899	3,039	3,092	558	(231)	24,811	24,189
Port Alberni	4,367	5,048	3,849	4,812	84	97	33	37	467	176
Hamilton	28,126	26,372	21,286	20,235	1,127	988	920	(1,503)	6,633	3,646
Nanaimo	10,978	9,526	11,024	9,764	241	191	(228)	50	(515)	(379)
Thunder Bay	3,267	3,321	3,210	2,906	76	78	518	177	499	514
Toronto	60,029	60,792	53,616	51,541	3,000	3,029	1,024	90,595	4,437	96,817
Windsor	1,511	1,491	1,538	1,455	34	31	172	77	111	82
Saguenay	3,823	3,180	2,723	2,394	79	66	144	44	1,165	764
Sept-Îles	16,061	8,857	12,208	6,557	472	189	10,507	5,279	13,888	7,390
Trois-Rivières	9,555	7,098	6,062	5,651	206	143	101	8	3,388	1,312
Belledune	8,935	8,415	5,664	5,335	184	173	(181)	(222)	2,906	2,685
Total	717,748	657,112	463,813	438,183	25,189	23,631	12,269	121,605	241,015	316,903

Note: The Oshawa Port Authority did not issue 2018 audited financial statements. The Oshawa Port Authority was amalgamated with the Hamilton Port Authority in June 2019.

Sources: CPAs 2017 and 2018 Audited Financial Statements

Table M6: Financial Results for Transport Canada Ports, 2010/2011 - 2019/2020

(Millions of dollars)

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 ^F
Revenues	10.5	10.4	9.3	8.8	8.7	8.1	8.1	8.5	8.4	8.5
Expenses	18.5	12.3	12.1	12.2	11.6	11.7	12.2	11.3	14.7	17.1
Operating Income	(8.0)	(1.9)	(2.8)	(3.4)	(2.9)	(3.6)	(4.1)	(2.8)	(6.3)	(8.6)
Capital Expenditures	7.6	11.6	6.2	11.9	8.4	4.8	3.9	4.4	12.2	6.6
Grants and Contributions	14.5	28.2	12.9	24.3	3.0	0.1	5.4	0.8	0.4	150.4
Net Income	(30.1)	(41.7)	(21.9)	(39.6)	(14.3)	(8.4)	(13.4)	(8.0)	(18.9)	(165.6)

Note: F= Forecast (at April 14th, 2020)

Source: Transport Canada, Air, Marine and Environmental Programs

Table M7: St. Lawrence Seaway Financial Performance, 2009/10–2018/19

(Thousands of dollars)

<i>Year</i>	<i>Revenues</i>	<i>Expenditures</i>	<i>Excess of Revenue Over Expenses</i>	<i>Net Excess of Revenue Over Expenses²</i>
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
2016/17	70,693	163,551	(92,858)	20,444
2017/18	80,649	127,770	(47,121)	20,184
2018/19	84,379	113,153	(28,774)	18,424

Notes: Fiscal year 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 M8: Pilotage Authorities Financial Results, 2010–2019

(Thousands of dollars)

<i>Pilotage Authority</i>		<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>
Atlantic (APA)	Revenues	21,584	22,041	20,341	21,576	22,562	22,673	24,093	27,793	28,831	29,691
	Expenditures	19,208	20,148	20,483	21,475	23,180	23,224	22,896	24,880	27,085	28,394
	Net Income (loss)	2,376	1,893	(142)	101	(618)	(551)	1,197	2,913	1,746	1,297
Laurentian (LPA)	Revenues	69,241	77,399	78,752	78,066	85,136	86,229	91,430	95,017	105,902	108,293
	Expenditures	64,054	72,030	76,020	76,554	83,045	82,597	89,890	94,709	106,512	107,679
	Net Income (loss)	5,187	5,369	2,732	1,512	2,091	3,632	1,540	308	(609)	613
Great Lakes (GLPA)	Revenues	20,089	19,599	20,558	22,223	26,602	25,554	25,888	30,283	35,379	40,479
	Expenditures	18,076	18,945	20,182	21,323	25,266	25,906	26,742	29,588	35,051	41,667
	Net Income (loss)	2,013	654	376	900	1,336	(352)	(854)	695	327	-1,187
Pacific (PPA)	Revenues	59,212	61,758	64,576	71,959	74,689	73,016	76,552	85,795	92,614	96,856
	Expenditures	55,973	58,801	63,123	72,313	78,193	77,411	80,330	86,541	90,623	93,972
	Net Income (loss)	3,239	2,957	1,453	(354)	(3,504)	(4,395)	(3,778)	(756)	1,991	2,884
Total All Authorities	Revenues	170,126	180,797	184,227	193,824	208,989	207,472	217,963	238,888	262,726	275,319
	Expenditures	157,279	169,924	179,808	191,665	209,684	209,138	219,858	235,718	259,271	271,712
	Net Income (loss)	12,847	10,873	4,419	2,159	(695)	(1,666)	(1,895)	3,170	3,455	3,607

Sources: Pilotage Authorities' Annual Reports, various years

Table M9: Total Pilotage Assignments and Assignments Per Pilot, 2010–2019

<i>Pilotage Authority</i>	<i>Indicators</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>
Atlantic (APA)	Number of Pilots ¹	59	45	55	52	56	58	58	59	61	61
	Total Assignments	9,338	8,997	8,254	8,338	8,472	8,348	7,959	8,809	8,720	8,694
	Assignments per Pilot	158	199	150	160	151	144	137	149	142	142
Laurentian (LPA)	Number of Pilots ²	191	185	187	188	187	184	185	192	174	180
	Total Assignments	21,096	22,729	22,096	20,915	22,386	21,468	22,432	22,732	24,950	24,670
	Assignments per Pilot	110	123	118	111	120	117	121	118	143	137
Great Lakes (GLPA)	Number of Pilots ³	57	57	56	56	56	56	59.5	59.6	54.7	59.1
	Total Assignments	6,059	6,389	6,358	6,403	7,462	7,166	7,020	7,636	8,798	10,093
	Assignments per Pilot	107	113	114	114	133	128	136	143	161	170
Pacific (PPA)	Number of Pilots ⁴	105	105	105	107	106	106	111	122	126	132
	Total Assignments	11,688	12,522	12,292	12,840	13,264	12,892	12,661	13,397	13,364	13,282
	Assignments per Pilot	119	101	123	120	125	122	114	110	107	100
Total All Authorities	Number of Pilots	412	392	403	403	405	404	414	433	415.7	432.1
	Total Assignments	48,181	50,637	49,000	48,496	51,584	49,874	50,072	52,574	55,832	56,739
	Assignments per Pilot	121	121	123	120	127	123	121	122	138	131

Notes:

1 Atlantic Pilotage Authority: Employee pilots (FTE) and entrepreneur pilots.

2 Laurentian Pilotage Authority: Contract pilots and FTEs.

3 Great Lakes Pilotage Authority: Employee pilots (FTEs).

4 Pacific Pilotage Authority: Employee pilots (FTEs) and contract pilots.

Sources: Pilotage Authorities' Annual Reports, various years

Table M10: Canadian-Registered Fleet by Vessel Type, 1999, 2009 and 2019

<i>Type of Vessel</i>	<i>Gross Tonnage (000s)</i>			<i>Number of Vessels</i>		
	<i>1999</i>	<i>2009</i>	<i>2019</i>	<i>1999</i>	<i>2009</i>	<i>2019</i>
Dry bulk	1,285	1,137	910	72	66	43
Tankers	301	625	396	21	28	32
General cargo	130	131	420	17	19	42
Ferries	323	457	304	56	72	64
Other	38	38	263	8	6	22
Total	2,077	2,388	2,293	174	191	203

Note: Includes self-propelled passenger and cargo vessels with gross tonnage of 1,000 and over, including government-owned ferries. Does not include fishing vessels, platforms, working vessels, tugs, pleasure craft or unclassified vessels.

Source: Transport Canada, Canadian Register of Vessels

Table M11: Vessel Trips in Canadian Waters, by Vessel Type, 2015–2019

Vessel Type	Number of transits ¹				
	2015	2016	2017	2018	2019
Cargo	1,782	1,643	1,891	1,818	1,857
Container	3,551	3,825	4,056	4,129	4,087
Dry Bulk	8,172	7,897	9,475	8,720	8,677
Ferry/Ro-Ro	9,258	9,020	9,592	9,872	9,698
Fishing	2,693	3,164	3,655	3,690	3,455
Government/Research	13,402	14,674	14,926	17,090	19,165
Others/Special Ships	4,498	4,077	3,679	4,326	4,650
Passenger/Cruise	9,210	11,119	15,493	16,567	15,704
Pleasure Vessels	5,376	6,962	7,716	8,411	10,140
Tankers	4,793	5,078	5,239	5,672	5,441
Tugs/Port	52,805	51,459	53,593	57,237	60,203
Total	115,540	118,918	129,315	137,532	143,077

Vessel Type	Number of nautical miles sailed ²				
	2015	2016	2017	2018	2019
Cargo	1,647,424	1,436,036	1,778,267	1,787,081	1,948,853
Container	2,140,832	2,001,562	2,419,275	2,661,462	2,636,679
Dry Bulk	4,631,195	4,455,320	5,076,340	5,342,020	5,179,701
Ferry/Ro-Ro	2,610,928	2,576,860	2,700,766	2,654,407	2,694,673
Fishing	3,421,700	3,448,614	4,023,483	4,110,759	4,490,841
Government/Research	1,469,607	1,414,686	1,611,881	1,606,286	1,599,155
Others/Special Ships	1,277,419	904,884	906,188	884,262	912,309
Passenger/Cruise	1,336,289	1,387,906	1,685,201	1,971,444	2,353,241
Pleasure Vessels	1,677,260	1,953,170	2,524,667	2,631,781	3,355,349
Tankers	2,704,186	2,364,039	2,658,452	2,891,915	2,915,909
Tugs/Port	3,167,253	3,143,383	3,076,155	3,365,929	3,516,866
Total	26,084,093	25,086,459	28,460,675	29,907,346	31,603,577

Notes: Data is not comparable to previous editions because of changes in sources and concepts.

1 Transits are based on fused terrestrial and satellite Automatic Identification System (AIS) data processed and analyzed by Transport Canada. The number of transits were only counted for the 17 CPAs.

2 The number of nautical miles sailed are based on fused terrestrial and satellite Automatic Identification System (AIS) data processed and analyzed by Transport Canada. Nautical miles sailed were computed for all Canadian waters within the Exclusive Economic Zone (EEZ).

Source: Transport Canada, Automated Information System (AIS)

Table M12: Vessel Trips in Canadian Waters, by Vessel Flag, 2015–2019

Vessel Flag	Number of transits ¹				
	2015	2016	2017	2018	2019
Canada	96,866	100,858	110,225	118,048	123,631
United States	2,265	2,506	2,891	2,823	3,083
International	16,409	15,554	16,199	16,661	16,363
Total	115,540	118,918	129,315	137,532	143,077

Vessel Flag	Number of nautical miles sailed ²				
	2015	2016	2017	2018	2019
Canada	13,286,093	13,284,567	15,018,816	15,671,243	17,163,225
United States	3,055,696	3,010,211	3,298,922	3,470,220	3,714,511
International	9,742,305	8,791,681	10,142,937	10,765,883	10,725,842
Total	26,084,093	25,086,459	28,460,675	29,907,346	31,603,577

Notes: Data is not comparable to previous editions because of changes in sources and concepts.

1 Transits are based on fused terrestrial and satellite Automatic Identification System (AIS) data processed and analyzed by Transport Canada. The number of transits were only counted for the 17 CPAs.

2 The number of nautical miles sailed are based on fused terrestrial and satellite Automatic Identification System (AIS) data processed and analyzed by Transport Canada. Nautical miles sailed were computed for all Canadian waters within the Exclusive Economic Zone (EEZ).

Source: Transport Canada, Automated Information System (AIS)

Table M13: Total Tonnage Handled by Canada's Port Authorities, 2010–2019

(Millions of tonnes)		
Year	Total Cargo Tonnage	Annual Growth Rate (%)
2010	286.2	
2011	303.0	5.8
2012	310.2	2.4
2013	313.7	1.1
2014	311.4	(0.7)
2015	307.3	(1.3)
2016	311.2	1.3
2017	335.4	7.8
2018	343.0	2.3
2019 ^P	346.8	1.1
CAGR 2010-19	2.2%	

Notes: P= Preliminary data. CAGR= Compound Annual Growth Rate.

Sources: Transport Canada, Canada's Port Authorities

Table M14: St. Lawrence Seaway Cargo Traffic, 2010–2019

(Millions of tonnes)		
Year	Montreal–Lake Ontario Section	Welland Canal Section
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	27.1	26.2
2017	28.8	30.2
2018	31.5	30.1
2019 ^P	29.1	28.6

Note: P= Preliminary data.

Source: St. Lawrence Seaway Management Corporation - Seaway Traffic Reports

Table M15: St. Lawrence Seaway Traffic¹, by Commodity, 2010-2019

(Millions of tonnes)						
Year	Grain	Iron Ore	General Cargo	Coal	Other	Total
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	11.3	6.2	2.6	2.3	12.6	35.0
2017	10.1	8.2	3.3	2.3	14.3	38.3
2018	12.3	7.5	3.3	2.5	15.3	41.0
2019 ^P	10.5	6.9	2.2	2.4	16.3	38.4

Notes: P= Preliminary data.

1 Combined traffic on the two sections of the Seaway.

Source: St. Lawrence Seaway Management Corporation

Table M16: Cruise Ship Traffic at Selected Canadian Ports, 2010-2019

(Thousands of passengers)							
Year	Vancouver-Fraser	Victoria	Montreal	Quebec City	Halifax	Sydney	Saint John
2010	580.0	441.0	40.1	102.2	261.2	68.8	205.9
2011	663.4	439.6	38.0	83.0	243.6	67.6	184.8
2012	666.2	503.7	54.8	117.0	252.8	86.7	187.9
2013	812.4	450.0	55.6	122.7	252.1	99.4	166.6
2014	812.1	467.0	56.5	135.0	217.3	82.6	106.5
2015	805.4	563.1	71.3	122.0	222.3	89.7	119.2
2016	826.8	550.0	69.2	108.9	238.2	82.2	143.9
2017	842.9	600.0	91.6	145.6	292.7	118.4	147.7
2018 ^R	889.2	640.0	101.5	230.9	316.9	130.2	159.5
2019 ^P	1,070.9	709.0	90.1	236.7	323.7	150.7	196.0

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

Sources: Canadian Port Authorities (CPA), Greater Victoria Harbour Authority and Port of Sydney, Canada.

Table M17: Cargo Handled by Canada Port Authorities (CPAs), 2010-2019

	(millions of tonnes)										
<i>Port</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 ^P	<i>CAGR</i>
Vancouver-Fraser	118.5	122.5	123.9	135.0	139.6	138.2	135.5	142.1	147.1	144.2	2.2
Montreal	25.9	28.5	28.4	28.2	30.4	32.0	35.4	38.0	38.9	38.7	4.6
Prince Rupert	16.4	19.3	22.3	23.1	20.7	19.7	18.9	24.3	26.7	29.9	6.9
Sept-Îles	25.1	26.0	27.9	27.7	23.8	22.7	22.9	24.2	25.4	29.3	1.7
Quebec	24.6	29.0	33.1	27.1	24.3	21.4	24.8	27.5	27.6	29.0	1.9
Saint John	30.5	31.8	27.7	27.7	23.9	26.4	26.4	30.5	25.1	25.4	(2.0)
Hamilton-Oshawa ¹	11.7	10.3	10.8	10.3	10.9	9.6	9.7	10.3	12.2	10.6	(1.1)
Thunder Bay	6.9	7.6	7.8	6.5	9.3	8.9	8.8	8.8	8.7	9.3	3.4
Halifax	9.5	9.5	9.5	8.6	7.8	7.6	8.3	8.9	9.0	8.6	(1.1)
Windsor	5.3	5.1	5.5	6.0	5.4	5.6	4.8	5.1	5.2	4.7	(1.3)
Nanaimo	2.4	3.2	3.0	3.8	4.1	4.9	5.4	5.6	5.3	4.6	7.8
Trois Rivières	3.0	3.3	3.4	2.7	3.8	3.1	2.8	2.6	3.8	4.2	3.9
Belledune	2.1	2.1	1.9	1.7	1.7	1.8	2.0	2.0	2.4	2.6	2.1
Toronto	1.5	1.7	1.9	1.6	1.9	1.7	1.8	2.2	2.1	2.3	4.6
St-John's	1.5	1.4	1.4	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7
Port Alberni	1.0	1.5	1.6	1.8	1.7	1.6	1.6	1.3	1.5	1.0	(0.3)
Saguenay	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	5.8
Total	286.2	303.0	310.2	313.7	311.4	307.3	311.2	335.4	343.0	346.8	2.2

Notes: P= Preliminary data. CAGR= Compound Annual Growth Rate.

Totals may not add up due to rounding.

1 Hamilton and Oshawa CPAs were amalgamated in 2019. Past results have been combined.

Sources: Transport Canada reports, port web sites, Canadian Sailings magazine

Table M18: Containerized Freight Volumes for Selected Ports, 2010-2019

	(Thousands of TEUs)										
<i>Leading Ports</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 ^P	
Vancouver-Fraser											
Total containers	2,514.3	2,507.0	2,713.1	2,825.5	2,919.9	3,054.5	2,929.6	3,241.5	3,396.4	3,398.9	
Empty containers	340.3	272.7	314.7	281.3	368.1	446.0	323.0	472.8	533.5	567.5	
Montreal											
Total containers	1,331.4	1,363.0	1,364.3	1,346.1	1,402.4	1,446.1	1,447.6	1,537.7	1,679.4	1,745.2	
Empty containers	168.1	143.9	187.7	159.1	168.5	177.0	179.6	185.8	237.1	225.3	
Prince Rupert											
Total containers	343.4	410.5	564.9	536.4	618.2	776.4	736.7	926.5	1,036.0	1,210.8	
Empty containers	86.7	76.9	122.3	83.0	102.3	186.9	133.2	236.6	259.9	340.0	
Halifax											
Total containers	434.9	409.8	416.2	441.7	399.6	418.2	480.7	559.2	547.4	546.7	
Empty containers	86.0	74.6	67.0	67.7	60.5	69.5	67.1	85.8	82.8	93.3	
Saint John											
Total containers	46.3	44.4	51.0	76.3	89.6	97.1	90.3	57.4	59.1	68.9	
Empty containers	21.8	21.7	24.8	34.8	41.9	46.7	42.2	25.0	24.7	30.3	
Total											
Total containers	4,670.2	4,734.6	5,109.5	5,225.9	5,429.7	5,792.2	5,684.8	6,322.3	6,718.4	6,970.5	
Empty containers	702.9	589.8	716.4	626.0	741.2	926.1	745.1	1,006.0	1,137.9	1,256.4	

Notes: P= Preliminary data. TEUs= Twenty-foot equivalent unit, a standardized measure of container volume.

Sources: Transport Canada reports, port web sites

Table M19: Main Commodities Shipped in Canada's International Marine Trade, by Market, 2019

	<i>(Millions of dollars)</i>			<i>Percentage Share in Per Cent</i>		
	<i>Marine Exports¹</i>	<i>Marine Imports</i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
<i>Canada/U.S.</i>						
Petroleum products, LNG and other fuels	17,502	15,093	32,595	79.2	80.1	79.6
Base metals and articles thereof	2,055	20	2,075	9.3	0.1	5.1
Metallic ores	272	1,545	1,817	1.2	8.2	4.4
Non-metallic minerals, coal and stone products	831	862	1,693	3.8	4.6	4.1
Agricultural and food products	499	264	762	2.3	1.4	1.9
Chemical products, plastics and rubber	209	516	726	0.9	2.7	1.8
Machinery and electrical equipment	137	190	326	0.6	1.0	0.8
Waste and scrap material	265	10	275	1.2	0.1	0.7
Automobiles, parts and other transportation equipment	49	191	240	0.2	1.0	0.6
Wood and paper products	186	50	237	0.8	0.3	0.6
Other manufactured and miscellaneous goods	85	105	190	0.4	0.6	0.5
Total Canada/U.S. Marine Trade	22,090	18,845	40,935	100.0	100.0	100.0
<i>Canada/Other Countries</i>	<i>Marine Exports¹</i>	<i>Marine Imports²</i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
Agricultural and food products	26,772	13,923	40,694	30.6	11.8	19.8
Machinery and electrical equipment	4,273	20,282	24,555	4.9	17.2	11.9
Chemical products, plastics and rubber	7,917	15,294	23,211	9.0	13.0	11.3
Automobiles, parts and other transportation equipment	5,420	17,315	22,735	6.2	14.7	11.1
Other manufactured and miscellaneous goods	2,052	20,984	23,036	2.3	17.8	11.2
Base metals and articles thereof	5,189	12,308	17,497	5.9	10.4	8.5
Petroleum products, LNG and other fuels	4,603	11,120	15,724	5.3	9.4	7.6
Wood and paper products	10,450	2,256	12,706	11.9	1.9	6.2
Metallic ores	10,695	1,554	12,249	12.2	1.3	6.0
Non-metallic minerals, coal and stone products	7,413	2,730	10,143	8.5	2.3	4.9
Waste and scrap material	2,834	183	3,017	3.2	0.2	1.5
Total Canada/Other Countries Marine Trade	87,619	117,949	205,568	100.0	100.0	100.0

Notes: Preliminary data for 2019.

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 M20: End-to-End Transit Times from Shanghai to Toronto via British Columbia Ports using a Direct Rail Model, 2010–2019

Month	(Number of days)										Change 2019/2018 (Per cent)
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
January	23.0	22.8	25.2	23.3	27.1	27.7	25.3	26.3	28.9	28.5	(1.1)
February	21.2	23.4	24.2	25.5	29.1	29.3	24.7	27.0	29.1	32.7	12.6
March	21.0	22.7	22.5	25.4	27.4	29.7	24.2	24.5	30.3	29.2	(3.5)
April	21.6	22.6	23.9	24.4	27.5	25.6	22.9	24.1	24.8	24.1	(3.1)
May	22.1	21.7	23.2	23.7	24.4	24.8	23.1	24.3	25.4	24.0	(4.1)
June	22.1	21.1	24.9	23.5	24.0	24.8	23.8	24.4	25.5	24.2	(5.3)
July	22.4	20.6	23.8	23.4	25.4	23.0	23.9	24.4	26.6	24.5	(8.0)
August	21.3	21.3	23.1	24.4	27.9	23.5	24.3	24.9	27.0	24.7	(8.3)
September	21.4	22.9	22.8	24.6	26.9	23.8	22.9	25.5	26.9	24.0	(10.8)
October	22.8	22.2	23.4	24.6	25.5	24.4	23.2	25.8	28.4	24.1	(15.2)
November	22.2	22.5	23.7	23.9	24.9	23.3	24.3	25.4	28.0	26.0	(7.3)
December	22.8	23.4	23.7	25.2	26.8	24.7	26.8	27.1	28.4	25.1	(11.5)
Annual Average	22.0	22.3	23.7	24.3	26.4	25.4	24.1	25.3	27.4	25.9	(5.5)

Source: Transport Canada, Policy Group

Table M21: Key Performance Indicators for Selected Intermodal Container Ports, 2017–2019**British Columbia Ports¹**

Indicators	2019	2018	2017	2016-18 Average
Container volumes - TEUs	4,609,642	4,432,485	4,186,013	4,094,976
Import Share - %	52.5	53	53.5	53.6
Import rail container dwell time - days	3	4.1	3.8	3.7
Vessel on-time performance - %	51	39.0	49.9	50.5
End-to-end transit time – Shanghai to Chicago - days	25.4	27.2	24.8	25.2
U.S. comparison – Shanghai to Chicago via Seattle/Tacoma - days	28.1	27.5	26.5	25.9
U.S. comparison – Shanghai to Chicago via LA/Long Beach - days	26.4	25.8	24.6	24.5

Canadian East Coast Ports²

Indicators	2019	2018	2017	2016-18 Average
Container volumes - TEUs	2,288,935	2,226,796	2,096,911	2,083,998
Import Share - %	49.4	50.1	48.8	49
Import rail container dwell time - days	2.8	3.2	2.4	2.6
End-to-end transit time – Antwerp to Chicago - days	19	20	18.5	18.6

Notes: TEUs = Twenty-foot Equivalent Units.

1 Port of Vancouver and Prince Rupert.

2 Port of Montreal and Halifax.

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

RAIL TRANSPORTATION

Table RA1: Railways in Canada, 2018

	2018 <i>Total Length of First Main Track Operated</i>	2017 ^R <i>Total Length of First Main Track Operated</i>	<i>Percent of Total 2018</i>	<i>Percentage Change Over Previous Year</i>
CN	21,924	21,879	51.9	0.2
CPR	12,712	12,709	30.1	0.0
VIA Rail	285	285	0.7	0.0
Regional and Shortline Railways	7,354	6,592	17.4	11.6
Total	42,274	41,465	100.0	2.0

Notes: R= Revised data. CN= Canadian National. CPR= Canadian Pacific Railway.
Length of track does not include parallel trackage, spurs, sidings and yard trackage.

Source: Transport Canada, Statistics Canada

Table RA2: Railway Revenues, 2009–2018

(Millions of dollars)

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018
CN	5,029	5,611	6,202	6,821	7,179	8,135	8,292	7,980	8,800	9,604
CPR	3,349	3,796	3,930	4,279	4,525	4,809	4,798	4,609	4,800	5,367
VIA Rail	482	525	532	545	568	585	568	580	627	654
Subtotal - Class I	8,860	9,931	10,664	11,645	12,271	13,530	13,658	13,169	14,228	15,625
Regional	228	288	354	355	385	379	327	257	249	291
Shortlines	328	368	362	348	373	449	441	406	414	421
Total	9,417	10,587	11,380	12,348	13,029	14,357	14,426	13,832	14,891	16,337

Notes: R= Revised data. CN= Canadian National. CPR= Canadian Pacific Railway.
Revenues are tabulated as per Uniform Classification of Accounts requirements.
Excludes Tour operations.

Sources: Transport Canada, Statistics Canada

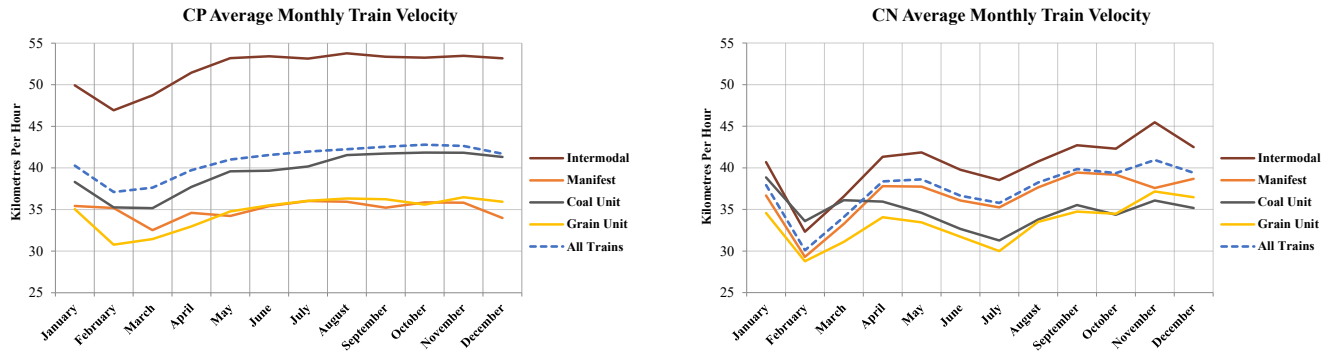
Table RA3: Railway Fleet, 2009–2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018
Locomotives										
<i>Freight or Passenger</i>										
Class I	2,109	1,910	1,951	2,361	2,428	2,421	2,394	2,366	2,280	2,419
Class II	278	284	273	294	330	336	422	409	420	419
Total	2,387	2,194	2,224	2,655	2,758	2,757	2,816	2,775	2,700	2,838
<i>Switching and other uses</i>										
Class I	477	863	821	468	396	370	359	473	341	363
Class II	99	93	83	70	76	67	65	70	70	70
Total	576	956	904	538	472	437	424	543	411	433
<i>Total Locomotives</i>										
Class I	2,586	2,773	2,772	2,829	2,824	2,791	2,753	2,839	2,621	2,782
Class II	377	377	356	364	406	403	487	479	490	489
Total	2,963	3,150	3,128	3,193	3,230	3,194	3,240	3,318	3,111	3,271
Passenger Cars										
Class I	544	505	506	507	519	519	519	487	480	480
Class II	58	59	57	57	52	68	134	129	130	141
Total	602	564	563	564	571	587	653	616	610	621
Freight Cars										
<i>Boxcars</i>										
Class I	12,687	13,443	13,177	12,861	10,947	10,641	9,822	8,349	8,575	7,488
Class II	2,564	1,379	1,275	1,289	1,311	2,052	2,377	2,996	2,957	2,952
Total	15,251	14,822	14,452	14,150	12,258	12,693	12,199	11,345	11,532	10,440
<i>Flatcars</i>										
Class I	13,578	12,682	13,142	12,770	12,143	12,091	12,191	12,447	14,230	15,097
Class II	1,451	1,117	702	710	609	804	726	715	725	722
Total	15,029	13,799	13,844	13,480	12,752	12,895	12,917	13,162	14,955	15,819
<i>Gondolas</i>										
Class I	12,180	11,218	10,934	10,378	8,687	8,584	7,796	8,365	8,984	9,698
Class II	231	320	273	272	270	258	292	301	301	301
Total	12,411	11,538	11,207	10,650	8,957	8,842	8,088	8,666	9,285	9,999
<i>Hopper Cars</i>										
Class I	29,178	27,185	27,781	25,002	21,447	20,204	19,155	18,140	15,294	19,523
Class II	927	924	837	837	838	1,002	1,107	910	912	912
Total	30,105	28,109	28,618	25,839	22,285	21,206	20,262	19,050	16,206	20,435
<i>Other Freight Cars</i>										
Class I	127	105	99	93	78	73	113	113	676	590
Class II	107	102	85	96	104	98	104	131	153	160
Total	234	207	184	189	182	171	217	244	829	750
Total Freight Cars										
Class I	67,750	64,633	65,133	61,104	53,302	51,593	49,077	47,414	47,759	52,396
Class II	5,280	3,842	3,172	3,204	3,132	4,214	4,606	5,053	5,048	5,047
Total	73,030	68,475	68,305	64,308	56,434	55,807	53,683	52,467	52,807	57,443

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

Figure RA4: Average Monthly Train Velocity, by Rail Carrier, 2019

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-kilometres by total hours operated, excluding yard and local trains, passenger trains, maintenance of way trains. Weekly kilometres per hour are averaged to produce a monthly estimate. Data and methodology have been revised at source.

Source: Transport Canada, Statistics Canada Table 23-10-0276-01

Table RA5: Revenue Tonne-Kilometres, by Railway Sector, 2009–2018

	(Millions)									
	2009	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018
Class I	288,842.5	327,831.6	337,929.5	356,943.0	371,799.0	402,612.9	399,353.2	383,505.4	411,250.6	433,484.7
Regional	7,711.3	9,802.8	10,392.4	10,617.4	11,192.4	9,552.9	8,964.5	9,131.2	9,513.9	9,857.1
Short Line	3,227.7	3,689.9	3,668.1	3,349.8	3,459.7	3,536.0	2,814.9	2,768.3	2,959.5	3,038.1
Total	299,781.4	341,324.3	351,989.9	370,910.2	386,451.1	415,701.8	411,132.5	395,404.9	423,723.9	446,380.0
	Percentage of total									
Class I	96.4	96.0	96.0	96.2	96.2	96.9	97.1	97.0	97.1	97.1
Regional	2.6	2.9	3.0	2.9	2.9	2.3	2.2	2.3	2.2	2.2
Short Line	1.1	1.1	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.7

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

Table RA6: Overall Rail Traffic Characteristics, 2010–2019

	(Thousands of tonnes)									
	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	2019 ^P
Intraprovincial	49,456	52,577	56,322	56,587	53,511	52,972	49,792	52,663	52,194	51,620
Interprovincial	121,480	125,017	126,078	120,363	128,376	132,397	130,724	133,613	136,274	142,488
Total Domestic	170,936	177,595	182,400	176,950	181,887	185,368	180,516	186,276	188,467	194,108
Imports	30,319	34,204	37,959	40,464	40,902	35,781	31,500	39,517	43,559	39,920
Exports	60,086	62,878	65,258	73,588	75,741	74,903	72,566	79,024	90,260	89,467
Transshipments	6,494	7,070	8,178	9,389	10,624	8,856	8,341	6,885	6,262	5,646
Canada-U.S.	58,712	61,575	63,940	72,387	74,597	73,558	70,962	77,382	88,297	87,471
Canada-Mexico	1,374	1,304	1,318	1,201	1,144	1,345	1,604	1,642	1,963	1,996
Mexico-Canada	280	329	403	407	507	442	466	743	664	555
Mexico-U.S.	0	4	8	8	6	0	0	0	0	2
U.S.-Canada	30,039	33,875	37,556	40,057	40,396	35,339	31,034	38,774	42,895	39,365
U.S.-Mexico	7	5	10	11	13	11	5	3	3	3
U.S.-U.S.	6,487	7,061	8,160	9,369	10,604	8,845	8,336	6,881	6,259	5,641
Total International	96,899	104,153	111,395	123,440	127,266	119,540	112,406	125,425	140,080	135,033
	(Millions of tonnes-km)									
	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	2019 ^P
Intraprovincial	36,848	42,368	47,191	48,403	44,694	43,365	42,469	45,531	45,597	43,865
Interprovincial	203,444	206,100	209,431	210,214	232,708	239,415	233,691	244,379	253,347	257,791
Total Domestic	240,292	248,468	256,622	258,617	277,402	282,780	276,159	289,910	298,944	301,656
Imports	23,585	25,534	30,704	33,683	34,683	29,259	27,106	31,277	34,747	32,802
Exports	62,232	67,453	72,158	82,923	87,694	88,523	83,386	91,023	105,413	105,338
Transshipments	6,527	6,368	8,812	11,042	14,290	12,424	10,155	7,933	6,442	5,543
Canada-U.S.	61,193	66,362	71,120	81,949	86,739	87,401	81,967	89,451	103,343	103,226
Canada-Mexico	1,039	1,091	1,038	973	955	1,122	1,419	1,572	2,070	2,112
Mexico-Canada	236	289	398	395	528	407	446	759	660	495
Mexico-U.S.	0	2	11	11	3	0	0	0	0	2
U.S.-Canada	23,348	25,246	30,307	33,288	34,154	28,852	26,661	30,519	34,087	32,307
U.S.-Mexico	6	4	9	10	12	11	4	3	3	3
U.S.-U.S.	6,521	6,362	8,793	11,022	14,276	12,413	10,150	7,929	6,439	5,538
Total International	92,343	99,356	111,674	127,649	136,667	130,205	120,647	130,233	146,602	143,683

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, 2010–2019

	(Millions of tonnes)		
Year	Received only	Forwarded only	Received and Forwarded
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	5.60	10.08	0.14
2017	7.45	10.45	0.15
2018	8.37	11.37	0.31
2019 ^P	7.51	11.20	0.46

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 Traffic, by Commodity, 2010–2019

	(Thousands of tonnes)									
Exports (Origin: Canada)	2010	2011	2012	2013	2014	2015	2016	2017	2018^R	2019^P
Crude Oil	16	129	1,486	4,754	6,962	5,935	4,143	6,744	12,573	14,991
Forest Products	13,358	13,416	13,317	14,498	15,034	15,396	16,201	15,479	15,958	14,783
Chemicals	9,820	10,307	10,237	11,635	11,870	11,165	11,391	11,036	11,853	11,625
Petroleum Products (excl. crude oil)	4,869	4,833	6,171	6,108	5,539	6,157	6,482	7,797	8,883	10,068
Potash	8,569	8,634	7,408	8,380	8,675	8,282	7,943	10,158	11,165	9,449
Intermodal	3,993	4,441	5,409	5,634	6,213	6,918	6,596	7,433	8,185	8,345
Agricultural and Food Products	3,624	4,963	5,239	5,516	5,921	6,025	5,915	6,146	6,109	6,154
Metals	4,293	3,911	3,450	3,494	3,422	3,887	3,568	3,550	3,832	3,494
Minerals	1,622	1,895	1,839	1,921	2,032	2,170	2,364	2,328	2,696	2,961
Grains	3,314	2,987	3,556	4,380	3,599	2,519	1,943	2,638	3,082	2,031
Automotive Vehicles and Equipment	1,993	2,128	2,472	2,268	2,195	2,426	2,355	2,079	1,997	1,942
Miscellaneous	1,481	1,718	1,729	2,030	1,914	1,686	1,754	1,862	2,057	1,818
Fertilizer Materials	2,247	2,530	2,273	2,293	1,810	1,809	1,391	1,332	1,478	1,419
Coal	888	987	657	598	475	526	520	442	393	387
Iron Ore	0	0	14	80	79	1	0	0	0	0
Total	60,086	62,878	65,258	73,588	75,741	74,903	72,566	79,024	90,260	89,467
Imports (Destination: Canada)	2010	2011	2012	2013	2014	2015	2016	2017	2018^R	2019^P
Coal	5,821	9,576	11,173	11,651	10,227	8,570	5,568	10,370	12,411	10,132
Minerals	3,369	3,384	4,012	4,944	5,882	5,541	4,745	6,942	7,341	6,774
Chemicals	5,011	5,397	5,672	5,855	5,851	5,621	5,305	5,858	6,140	6,151
Intermodal	3,584	3,717	4,061	4,761	4,482	4,171	4,289	4,011	4,807	4,652
Petroleum Products (excl. crude oil)	3,382	3,316	3,960	4,213	3,871	3,419	3,725	3,192	3,437	3,332
Agricultural and Food Products	2,990	2,488	2,682	2,268	2,281	2,174	2,108	2,191	2,488	2,126
Automotive Vehicles and Equipment	1,474	1,565	1,477	1,619	1,866	1,918	1,955	2,123	1,906	1,948
Iron Ore	26	106	106	28	10	646	1,356	1,534	1,528	1,429
Grains	705	376	187	130	314	298	160	403	961	1,094
Forest Products	982	1,177	1,204	1,131	1,070	991	872	1,028	947	935
Metals	1,975	2,114	2,357	2,436	2,242	1,290	1,034	1,354	991	718
Miscellaneous	974	937	771	792	707	537	377	485	580	608
Fertilizer Materials	3	4	1	2	0	1	4	14	17	16
Crude Oil	1	10	249	622	2,087	598	2	4	3	5
Potash	23	37	48	11	11	3	1	5	1	1
Total	30,319	34,204	37,959	40,464	40,902	35,781	31,500	39,517	43,559	39,920
Domestic (Canada-Canada)	2010	2011	2012	2013	2014	2015	2016	2017	2018^R	2019^P
Grains	28,633	29,193	30,120	27,136	35,630	34,562	32,434	34,296	34,968	36,415
Coal	34,570	34,309	36,631	37,818	36,557	31,913	31,704	33,469	33,752	36,041
Intermodal	29,206	32,911	34,167	28,857	26,695	28,550	26,308	28,740	29,606	29,222
Iron Ore	14,832	13,780	13,973	15,314	14,546	17,893	18,586	17,191	14,948	18,086
Petroleum Products (excl. crude oil)	11,157	11,038	11,484	9,790	10,201	10,399	11,445	12,658	13,650	14,353
Potash	6,791	8,493	6,774	8,165	8,801	10,233	9,669	9,928	11,635	11,272
Agricultural and Food Products	7,904	7,111	6,786	7,794	7,891	9,007	10,310	10,166	10,769	11,107
Forest Products	12,114	13,667	14,048	13,363	11,391	12,476	13,327	12,809	12,180	10,884
Minerals	10,309	10,735	10,619	10,147	9,775	10,005	9,573	9,845	9,987	10,417
Chemicals	7,194	7,618	7,857	8,168	7,797	7,982	8,073	8,236	8,508	8,366
Metals	2,579	3,095	3,061	3,126	3,521	3,325	2,971	3,057	3,214	3,148
Fertilizer Materials	3,694	3,494	3,090	2,834	2,546	2,843	2,725	2,689	2,612	2,494
Miscellaneous	880	1,045	1,245	1,076	1,144	1,184	1,167	1,396	1,380	1,454
Automotive Vehicles and Equipment	1,068	952	1,209	1,108	1,008	1,106	1,067	1,126	1,105	1,082
Crude Oil	6	153	1,335	2,256	4,384	3,891	1,156	668	155	402
Total	170,936	177,595	182,400	176,950	181,887	185,368	180,516	186,276	188,467	194,743

Table RA8 continues on the next page

Total Traffic (Export, Import, Domestic, & Transshipments)

	2010	2011	2012	2013	2014	2015	2016	2017	2018 ^R	2019 ^P
Coal	41,282	44,874	48,461	50,067	47,260	41,011	37,795	44,283	46,556	46,561
Intermodal	36,783	41,070	43,639	39,253	37,392	39,639	37,193	40,184	42,598	42,219
Grains	34,737	34,917	35,624	33,263	42,169	39,632	37,189	39,663	41,477	40,640
Petroleum Products (excl. crude oil)	19,466	19,310	21,765	20,246	19,750	20,095	21,805	23,779	26,218	28,249
Forest Products	27,248	28,916	29,149	29,561	28,159	29,433	30,916	29,806	29,693	27,097
Chemicals	22,409	23,735	24,132	25,974	25,833	25,024	25,021	25,358	26,732	26,367
Agricultural and Food Products	17,378	17,582	18,365	18,958	19,422	20,439	22,100	21,674	21,389	22,107
Potash	15,386	17,164	14,243	16,558	17,488	18,518	17,613	20,091	22,801	20,722
Minerals	15,534	16,343	16,712	17,303	18,082	17,901	16,817	19,262	20,602	20,627
Iron Ore	14,858	13,886	14,092	15,421	14,635	18,541	19,942	18,725	16,476	19,515
Crude Oil	22	374	4,344	10,619	16,516	12,554	6,086	7,749	12,730	15,398
Metals	8,863	9,173	8,953	9,126	9,230	8,585	7,619	7,993	8,122	7,472
Automotive Vehicles and Equipment	4,541	4,649	5,167	4,997	5,072	5,452	5,378	5,331	5,010	4,977
Fertilizer Materials	5,944	6,027	5,365	5,129	4,356	4,653	4,120	4,035	4,107	3,929
Miscellaneous	3,384	3,726	3,786	3,914	3,788	3,430	3,328	3,767	4,036	3,896
Total	267,835	281,747	293,795	300,390	309,153	304,908	292,922	311,702	328,548	329,776

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

Domestic includes shipments made to and from ports within Canada. Transborder is US-US traffic that travels through Canada.

Source: Transport Canada, Rail Traffic Database

Table RA9: Value of Rail Exports and Imports by Commodity, 2010–2019

(Millions of dollars)

	2010	2011	2012	2013	2014	2015	2016 ^R	2017 ^R	2018 ^R	2019 ^P
Exports										
Automotive products	24,874	26,503	32,152	30,144	29,800	35,948	38,128	34,911	33,991	35,042
Petroleum products	3,142	3,608	4,919	7,398	9,149	5,574	4,134	6,896	11,768	12,380
Chemical products	8,278	10,006	9,600	10,738	11,529	11,203	10,487	10,319	11,667	10,472
Forest products	7,988	7,826	7,994	9,519	10,375	10,712	11,145	11,440	12,288	9,861
Metals	8,881	8,929	7,793	8,242	9,070	9,106	8,006	9,843	10,988	9,009
Agriculture and food	2,025	3,193	3,435	3,474	3,724	3,810	4,037	4,148	4,113	4,134
Fertilizer materials	3,034	3,585	3,259	3,185	2,709	3,489	2,380	2,737	3,124	3,138
Miscellaneous	1,765	1,750	1,928	2,157	1,891	1,868	1,915	1,944	1,991	2,016
Grains	1,399	1,597	1,780	2,062	1,904	1,655	1,338	1,643	1,854	1,361
Other mine products	104	202	111	120	143	186	210	242	284	327
Coal	174	283	145	102	81	89	61	147	117	112
Iron ore	0	0	0	0	0	0	0	0	0	0
Total	61,664	67,483	73,115	77,142	80,376	83,640	81,841	84,270	92,186	87,852
Imports										
Automotive products	13,563	12,919	14,890	15,118	18,160	20,684	26,848	31,088	29,259	31,060
Chemical products	6,362	7,447	8,114	8,532	9,040	8,321	7,661	8,419	8,950	8,447
Miscellaneous	2,707	3,267	4,206	4,669	5,260	4,816	3,841	3,704	3,636	4,446
Agriculture and food	2,029	2,498	2,972	2,752	3,015	2,917	2,733	2,664	2,832	2,620
Metals	2,576	3,172	3,423	3,406	3,457	2,418	1,728	2,184	2,249	1,748
Forest products	1,105	1,253	1,269	1,321	1,310	1,440	1,317	1,411	1,482	1,544
Petroleum products	2,050	2,462	3,276	3,631	4,381	1,937	1,195	1,104	1,551	1,354
Other mine products	442	649	694	478	637	799	660	880	768	669
Grains	303	320	293	250	290	274	244	214	371	375
Iron ore	142	172	224	230	210	154	137	149	122	153
Fertilizer materials	32	17	41	86	25	45	36	31	28	31
Coal	6	16	34	20	36	26	36	34	31	9
Total	31,317	34,192	39,436	40,494	45,821	43,830	46,436	51,881	51,279	52,455

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

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

Table RA10: Dangerous Goods Shipments on Rail, 2010–2019

	(Thousands of tonnes)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018 ^R	2019 ^P
Petroleum Products										
Crude Oil ¹	24	375	4,344	10,620	16,517	12,554	6,087	7,750	12,734	15,401
Ethanol or Ethanol Mix ²	3,500	5,055	6,170	6,781	6,704	5,781	5,814	6,076	6,672	7,072
All Other Petroleum Products^{3,4}	17,862	17,119	18,466	17,281	17,296	17,754	19,434	21,394	23,490	24,888
Dangerous Goods										
Minerals, Ores & Concentrates	2,459	2,770	2,486	2,478	2,013	2,226	1,845	1,776	1,823	2,086
Other Manufactured & Miscellaneous Goods	724	816	861	960	876	775	707	737	745	754
Petroleum Products ⁵	14,212	14,700	20,360	25,096	30,372	26,965	22,036	25,491	32,149	37,374
Plastic & Chemical Products ⁵	10,901	11,448	11,638	12,927	13,230	12,261	11,786	12,048	12,826	12,443
Waste & Scrap	195	216	241	260	249	209	217	298	320	357
Other Commodities ⁵	1,115	1,887	1,814	1,785	1,637	1,669	1,862	1,770	1,475	1,428
Total	29,606	31,837	37,401	43,506	48,378	44,105	38,452	42,120	49,338	54,441
All Goods										
All Dangerous Goods	29,606	31,837	37,401	43,506	48,378	44,105	38,452	42,120	49,338	54,441
Non-Dangerous Goods	237,726	249,812	256,394	256,884	260,775	260,803	254,470	269,582	279,210	272,196
Grand Total	267,332	281,648	293,795	300,390	309,153	304,908	292,922	311,702	328,548	329,776
Dangerous Goods Share of Grand Total (%)	11.1	11.3	12.7	14.5	15.6	14.5	13.1	13.5	15.0	16.5
	(Number of Carloads)									
	2010	2011	2012	2013	2014	2015	2016	2017	2018 ^R	2019 ^P
Petroleum Products										
Crude Oil ¹	306	4,750	53,469	127,705	193,358	146,633	72,064	91,589	147,351	180,870
Ethanol or Ethanol Mix ²	45,616	64,182	77,819	84,184	83,083	72,173	72,283	75,120	82,087	87,631
All Other Petroleum Products^{3,4}	238,733	229,428	248,155	236,101	237,859	246,772	271,726	298,472	326,338	346,944
Dangerous Goods										
Minerals, Ores & Concentrates	27,396	30,920	27,955	27,829	22,386	24,914	20,806	20,286	20,661	23,219
Other Manufactured & Miscellaneous Goods	21,844	24,320	26,409	29,159	27,570	24,572	22,981	23,424	23,758	23,337
Petroleum Products ⁵	193,782	198,405	270,673	326,528	386,408	349,193	297,632	344,282	421,852	491,596
Plastic & Chemical Products ⁵	135,674	143,249	144,951	159,767	162,873	152,894	147,868	152,011	160,163	155,742
Waste & Scrap	2,927	3,285	3,585	4,186	3,958	3,041	3,283	4,433	4,638	5,435
Other Commodities ⁵	14,295	23,075	23,194	23,003	21,918	21,926	23,268	22,188	18,954	18,343
Total	395,919	423,253	496,766	570,471	625,113	576,539	515,837	566,624	650,026	717,672
All Goods										
All Dangerous Goods	395,919	423,253	496,766	570,471	625,113	576,539	515,837	566,624	650,026	717,672
Non-Dangerous Goods	3,562,475	3,694,491	3,841,143	3,899,994	4,023,134	4,100,971	4,043,632	4,351,110	4,470,069	4,400,549
Grand Total	3,958,394	4,117,744	4,337,909	4,470,466	4,648,247	4,677,510	4,559,469	4,917,734	5,120,096	5,118,222
Dangerous Goods Share of Grand Total (%)	10.0	10.3	11.5	12.8	13.4	12.3	11.3	11.5	12.7	14.0

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, 2010–2019

(Thousands of tonnes)

Exports										
<i>Province/Territory of Origin</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018 ^R	2019 ^P
Alberta	12,875	13,600	14,263	16,892	19,515	20,653	19,999	23,289	30,153	32,681
Saskatchewan	13,488	15,256	16,206	19,595	19,771	16,909	14,479	16,873	19,929	17,925
British Columbia	8,672	8,761	10,028	10,315	10,626	11,620	12,117	12,245	13,281	12,440
Ontario	11,014	11,219	11,212	11,543	11,178	11,623	12,150	12,059	12,474	12,316
Quebec	9,176	9,322	8,903	9,753	9,680	9,215	8,696	8,908	8,866	8,824
Manitoba	2,850	2,576	2,809	3,410	3,044	2,992	3,019	3,472	3,544	3,291
New Brunswick	1,122	1,296	1,242	1,363	1,244	1,200	1,421	1,485	1,406	1,495
Nova Scotia	889	847	596	717	683	692	684	694	608	495
Other ¹	0	1	0	0	0	0	0	0	0	0
Total	60,086	62,878	65,258	73,588	75,741	74,903	72,566	79,024	90,260	89,467
Imports										
<i>Province/Territory of Clearance</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018 ^R	2019 ^P
British Columbia	8,362	11,778	13,935	15,072	13,635	11,789	9,210	14,422	16,981	14,657
Ontario	6,608	6,681	8,054	9,017	9,524	7,955	8,165	8,427	8,616	8,427
Alberta	6,757	6,815	7,034	7,112	6,996	7,291	6,360	8,024	9,265	8,254
Quebec	5,742	5,701	5,513	5,593	7,261	5,648	4,838	4,969	5,071	5,139
Saskatchewan	1,362	1,511	1,554	1,732	1,784	1,555	1,485	2,100	2,027	2,018
Manitoba	534	817	836	858	907	846	670	763	807	661
Nova Scotia	579	548	518	498	436	415	530	575	580	561
New Brunswick	375	353	516	581	359	282	241	238	211	203
Other ¹	0	0	1	2	0	0	0	0	0	0
Total	30,319	34,204	37,959	40,464	40,902	35,781	31,500	39,517	43,559	39,920

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

1 Includes Newfoundland and Labrador, Northwest Territories and Yukon.

Source: Transport Canada, Rail Traffic Database

Table RA12: Value of Rail Exports and Imports, by Port of Exit and Clearance, 2010–2019

(Millions of dollars)

Exports										
<i>Port of Exit</i>	2010	2011	2012	2013	2014	2015	2016	2017 ^R	2018 ^R	2019 ^P
Sarnia	17,867	18,515	17,927	18,273	19,024	20,039	20,334	21,165	22,778	22,605
Windsor	12,646	14,723	18,170	17,935	17,554	20,670	21,474	20,137	18,951	18,001
Fort Frances	6,529	7,754	7,993	9,761	10,745	10,699	10,332	10,876	13,528	12,216
Fort Erie	7,567	7,934	9,272	8,372	8,193	9,367	9,008	7,447	7,518	8,078
Emerson	2,394	3,945	4,993	4,520	4,799	4,119	3,718	4,415	5,714	6,159
North Portal	4,154	3,631	3,538	5,197	5,647	5,201	4,316	5,401	6,728	5,535
White Rock	2,105	2,641	2,863	3,558	3,750	3,742	4,228	4,876	5,289	4,423
Kingsgate	2,026	2,229	2,187	2,542	2,765	2,681	1,858	2,327	3,051	3,331
Lacolle	2,575	1,831	1,950	2,718	3,302	3,086	2,121	2,292	2,803	2,175
Huntington	809	941	939	1,089	1,223	1,121	1,431	1,507	1,105	1,275
Other	2,992	3,339	3,283	3,177	3,373	2,913	3,022	3,827	4,723	4,054
Total	61,664	67,483	73,115	77,142	80,376	83,640	81,841	84,270	92,186	87,852
Imports										
<i>Port of Clearance</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Windsor	7,988	7,294	9,665	8,236	8,884	9,397	15,262	18,660	16,008	18,874
Toronto	5,997	6,925	7,552	7,601	8,357	8,542	10,388	10,941	11,786	11,214
Sarnia	3,503	3,741	3,224	3,489	3,773	3,478	4,224	5,348	5,636	4,782
Fort Erie	850	931	1,025	1,465	2,067	2,813	2,948	2,832	2,796	3,010
Winnipeg	832	986	2,590	2,448	2,633	2,293	2,206	2,745	2,700	2,743
Montreal	2,258	2,769	3,227	3,166	3,908	3,438	1,757	1,570	1,636	2,121
Edmonton	2,673	3,261	3,470	3,848	3,621	2,676	1,707	1,890	2,507	1,982
Calgary	1,421	1,702	1,773	2,189	2,404	2,132	2,068	1,961	1,863	1,660
Vancouver	1,608	1,554	1,767	1,686	1,664	1,652	1,286	987	1,036	1,168
Hamilton	786	856	1,121	1,090	1,569	1,190	327	584	859	859
Other	3,403	4,173	4,023	5,277	6,941	6,218	4,263	4,363	4,454	4,042
Total	31,317	34,192	39,436	40,494	45,821	43,830	46,436	51,881	51,279	52,455

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

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

Table RA13: Volume of Rail Marine Exports and Imports, 2010–2019

(Thousands of tonnes)

	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P
Exports ¹	100,890	105,216	111,250	112,155	118,098	114,751	115,379	119,968	123,201	127,107
Imports ²	22,411	22,693	23,755	24,998	26,433	26,978	25,926	28,283	30,001	29,474
Grand Total	123,301	127,909	135,005	137,153	144,531	141,729	141,306	148,251	153,201	156,580

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 Exports and Imports by Commodity, 2010–2019

(Thousands of tonnes)

Exports¹

Commodity	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P
Coal	33,278.9	35,464.9	40,056.0	40,215.6	37,376.8	31,800.1	31,624.2	33,411.6	33,721.3	35,924.1
Grains	24,938.8	25,802.0	27,222.5	24,926.8	33,786.2	33,169.4	31,529.6	33,405.4	33,759.9	35,222.3
Intermodal	9,912.0	10,239.6	10,538.4	11,539.3	11,557.5	11,264.8	11,863.1	12,318.2	12,925.0	12,680.9
Potash	6,527.6	8,218.5	6,484.2	7,491.4	8,444.1	9,611.8	9,049.6	9,045.3	10,844.9	10,276.6
Agricultural and Food Products	7,083.1	6,247.7	5,966.0	6,932.7	7,246.5	8,181.0	9,575.6	9,333.1	10,080.0	10,088.1
Petroleum Products (excl. crude oil)	2,702.2	2,360.5	3,009.4	3,083.3	3,061.0	2,942.7	3,966.6	5,287.9	5,580.8	6,743.4
Forest Products	6,495.3	7,644.4	8,211.6	7,950.6	6,351.2	6,902.9	7,384.7	7,217.0	6,773.4	6,412.8
Minerals	2,690.3	2,476.6	2,547.4	2,523.3	2,572.4	2,559.0	2,618.9	2,682.7	2,845.8	2,978.7
Fertilizer Materials	3,637.4	3,428.8	3,033.6	2,774.0	2,487.0	2,780.3	2,618.0	2,543.7	2,513.3	2,415.6
Chemicals	2,112.7	2,010.5	1,951.6	2,030.7	2,078.6	2,226.3	2,440.3	2,393.4	2,183.3	2,229.6
Metals	786.4	546.8	556.3	655.7	814.2	828.4	943.0	830.9	905.4	910.7
Automotive Vehicles and Equipment	464.0	477.8	490.1	485.8	570.8	612.1	664.2	778.7	718.5	674.5
Crude Oil	0.3	17.0	902.9	1,311.9	1,685.5	1,688.2	938.2	508.9	119.3	335.7
Miscellaneous	261.2	280.8	279.5	233.8	231.2	183.7	167.5	210.7	229.7	213.6
Iron Ore	-	-	-	-	-	0.7	0.1	-	-	-
Total	100,890.3	105,216.0	111,249.6	112,154.9	118,262.9	114,751.4	115,383.6	119,967.6	123,200.5	127,106.6

Imports²

Commodity	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P
Intermodal	12,594.4	13,076.2	14,502.2	14,852.6	15,914.7	16,767.4	16,107.3	18,202.7	19,714.1	19,816.0
Chemicals	1,754.4	2,026.6	2,163.4	2,958.8	2,770.1	2,688.5	2,580.4	2,657.8	2,684.4	2,603.1
Forest Products	1,523.6	1,601.0	1,458.1	1,511.4	1,558.2	1,487.2	1,542.5	1,518.1	1,638.9	1,517.0
Metals	2,208.0	1,501.0	1,498.2	1,552.9	2,003.3	1,909.3	1,747.7	1,695.7	1,530.7	1,408.7
Petroleum Products (excl. crude oil)	644.0	811.0	583.3	763.9	566.8	700.6	814.6	900.3	910.8	1,014.7
Automotive Vehicles and Equipment	813.6	935.8	1,037.7	880.0	833.9	1,023.2	786.8	703.4	818.2	850.6
Agricultural and Food Products	954.7	946.7	873.2	717.7	542.3	619.2	640.5	695.7	718.5	784.0
Minerals	634.1	589.4	705.5	777.5	1,476.2	1,333.1	1,292.8	1,290.7	1,224.0	693.1
Miscellaneous	359.8	445.6	433.8	552.4	447.2	449.2	546.6	524.3	611.2	608.6
Grains	870.4	697.9	422.3	310.2	261.1	24.3	10.6	4.6	62.7	65.0
Potash	0.9	1.2	0.1	0.7	2.0	0.4	5.7	12.3	19.7	53.6
Fertilizer Materials	52.5	59.6	61.5	72.1	63.3	46.3	55.3	60.6	47.7	50.2
Crude Oil	0.1	0.6	15.6	47.6	18.3	6.2	0.2	17.1	20.1	8.7
Coal	-	-	-	0.1	-	0.2	0.0	0.0	0.0	0.2
Iron Ore	-	-	0.4	-	-	-	0.0	0.0	0.0	0.0
Total	22,410.6	22,692.6	23,755.1	24,997.9	26,457.5	27,055.1	26,131.0	28,283.2	30,000.8	29,473.6

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

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

2 Volume of rail cargo shipped through Canadian marine port of destination.

Source: Transport Canada; Rail Traffic Database

Table RA15: CN and CPR Intermodal Traffic, 2010–2019

	(Millions of tonnes)									
<i>Origin-Destination</i>	2010 ^R	2011 ^R	2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^P
North America	8.2	8.2	8.5	8.9	9.4	9.3	9.2	9.6	9.9	9.7
Canada - Canada	6.5	6.3	6.4	6.7	7.2	7.4	7.4	7.7	7.8	7.8
Canada - United States	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.7	0.7	0.6
Canada - Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
United States - Canada	0.9	1.1	1.3	1.4	1.3	1.2	1.1	1.1	1.3	1.1
Mexico - Canada	0.0	0.0	0.1	0.1	0.1	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	9.9	10.2	10.5	11.5	11.6	11.3	11.9	12.3	12.9	12.7
Marine Imports	12.6	13.1	14.5	14.9	15.9	16.8	16.1	18.2	19.7	19.8
Total	30.7	31.5	33.5	35.3	36.9	37.4	37.2	40.1	42.5	42.2
<i>Type of cars</i>										
COFC	30.2	31.0	33.0	34.8	36.4	37.0	37.2	40.1	42.5	42.2
TOFC	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0
Total	30.7	31.5	33.5	35.3	36.9	37.4	37.2	40.1	42.5	42.2

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 Other Carriers, 2010–2019

	Passengers Carried (Thousands)		
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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	103	3,921
2016	3,974	106	4,080
2017	4,390	104	4,494
2018 ^R	4,753	99	4,852
2019 ^P	5,016	N/A	N/A
	Passenger - Kilometres (Millions)		
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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	26.5	1,349.4
2016	1,380.8	27.3	1,408.1
2017	1,500.0	27.3	1,527.3
2018 ^R	1,596.6	25.3	1,621.9
2019 ^P	1,698.1	N/A	N/A

Notes: R= Revised data. P= Preliminary data. N/A= Not available. Other includes CN, CP, and Class II. Excludes tour operations.

Source: Transport Canada

ROAD TRANSPORTATION

Table RO1: National Highway System, 2017

(Kilometres)

Province				Northern & Remote		Total
				Routes	Routes	
	Core Routes	Feeder 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	208.7	189.5	0.0			398.2
New Brunswick	994.6	818.4	0.0			1,813.0
Quebec	3,436.9	770.9	1,435.6			5,643.4
Ontario	6,134.8	682.0	0.0			6,816.8
Manitoba	985.2	740.6	368.2			2,094.0
Saskatchewan	2,451.2	0.0	236.3			2,687.5
Alberta	4,088.5	215.5	196.5			4,500.6
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	27,725.7	4,455.9	5,916.7			38,098.4

Notes: Totals may not add up due to rounding.

The length information is based on the centerline distance of a roadway between start and end points (rather than lane-kilometers or "two-lane equivalent" lengths) as of December 31, 2017.

Source: Canada's National Highway System Annual Report 2017

Table RO2: Length of the 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
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: Traffic Volume by Canadian For-Hire Carriers, 2014–2018

	Metric Tonnes (Millions)					Share 2018 in percent	Tonne-Kilometres (Millions)					Share 2018 in percent
	2014	2015	2016	2017	2018 ^P		2014	2015	2016	2017	2018 ^P	
Intraprovincial	550.2	545.3	579.0	569.7	574.8	76.1	77,588	85,221	92,906	82,792	78,398	29.1
Interprovincial	78.0	81.9	74.0	84.4	84.5	11.2	82,972	82,960	79,467	82,068	86,606	32.2
Total Domestic	628.3	627.2	653.0	654.2	659.3	87.3	160,561	168,181	172,373	164,860	165,004	61.3
Exports	55.8	55.3	68.2	68.9	54.1	7.2	52,983	55,503	79,216	90,612	55,924	20.8
Imports	46.5	46.7	34.3	37.0	41.6	5.5	55,024	53,712	43,126	44,387	48,357	18.0
Total International	102.3	102.0	102.5	105.9	95.7	12.7	108,008	109,215	122,342	134,999	104,282	38.7
Total	730.6	729.2	755.5	760.1	755.0	100.0	268,568	277,396	294,716	299,858	269,285	100.0

Note: P= Preliminary data.

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

Table RO4: Canadian International Trade Value Shipped by Trucks, by Commodity Groups, 2018–2019

(Millions of dollars)				
(Total Exports by trucks)				
Commodity Categories	2018 ^R	% Share	2019 ^P	% Share
Automobiles, parts and other transportation equipment	43,210	19.1	45,852	19.6
Machinery and electrical equipment	42,607	18.8	44,075	18.8
Other manufactured and miscellaneous goods	35,570	15.7	37,945	16.2
Agricultural and food products	30,842	13.6	33,272	14.2
Chemical products, plastics and rubber	29,857	13.2	30,859	13.2
Base metals and articles thereof	21,538	9.5	20,077	8.6
Wood and paper products	14,197	6.3	14,091	6.0
Non-metallic minerals, coal and stone products	3,242	1.4	3,271	1.4
Waste and scrap material	2,747	1.2	2,361	1.0
Petroleum products, LNG and other fuels	2,151	1.0	2,037	0.9
Metallic ores	151	0.1	82	0.0
Total Exports by Trucks	226,112	100.0	233,922	100.0
Destination: United States	219,763	97.2	226,308	96.7
Destination: Mexico	3,416	1.5	3,602	1.5
Destination: Other Countries	2,934	1.3	4,012	1.7
(Total Imports by trucks) ¹				
Commodity Categories	2018 ^R	% Share	2019 ^P	% Share
Machinery and electrical equipment	96,458	30.7	97,215	30.6
Automobiles, parts and other transportation equipment	57,172	18.2	57,025	18.0
Other manufactured and miscellaneous goods	42,760	13.6	45,772	14.4
Chemical products, plastics and rubber	42,157	13.4	42,876	13.5
Agricultural and food products	31,915	10.2	33,020	10.4
Base metals and articles thereof	22,240	7.1	20,836	6.6
Wood and paper products	10,466	3.3	10,288	3.2
Non-metallic minerals, coal and stone products	4,876	1.6	4,778	1.5
Waste and scrap material	2,649	0.8	2,783	0.9
Petroleum products, LNG and other fuels	2,744	0.9	2,611	0.8
Metallic ores	274	0.1	221	0.1
Total Imports by Trucks	313,711	100.0	317,424	100.0
Origin: United States	208,557	66.5	208,404	65.7
Origin: Mexico	25,170	8.0	26,022	8.2
Origin: Other Countries	79,984	25.5	82,998	26.1

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 RO5: Canada's Road Trade with the United States, by Busiest Border Crossing Points, 2018–2019

Border Crossing Point	(Millions of dollars)						Cumulative Share in Per Cent 2019
	<i>Exports by Road</i>	<i>Imports by Road</i>	<i>Total Trade by Road</i>	<i>Total Trade by Road</i>	<i>Percentage Change</i>	<i>Share in Per Cent</i>	
	2019 ^P	2019 ^P	2019 ^P	2018 ^R	2019/18	2019	
Windsor-Ambassador, Ontario	63,397	60,650	124,046	124,161	(0.1)	28.5	28.5
Sarnia, Ontario	39,461	29,103	68,563	66,625	2.9	15.8	44.3
Fort Erie/Niagara Falls, Ontario	38,390	28,373	66,763	66,790	(0.0)	15.4	59.7
Emerson, Manitoba	11,386	12,129	23,515	22,600	4.0	5.4	65.1
Lacolle, Québec	15,961	7,143	23,104	23,630	(2.2)	5.3	70.4
Pacific Highway, British Columbia	10,902	10,443	21,345	20,779	2.7	4.9	75.3
Lansdowne, Ontario	10,340	7,266	17,606	17,836	(1.3)	4.1	79.3
Coutts, Alberta	8,053	5,931	13,984	13,144	6.4	3.2	82.6
North Portal, Saskatchewan	3,181	7,512	10,694	11,836	(9.7)	2.5	85.0
Phillipsburg, Québec	4,010	1,669	5,678	5,120	10.9	1.3	86.3
Woodstock, New Brunswick	3,415	1,162	4,578	4,472	2.4	1.1	87.4
Huntingdon, British Columbia	2,829	1,564	4,393	4,331	1.4	1.0	88.4
Kingsgate, British Columbia	1,980	2,008	3,989	3,698	7.9	0.9	89.3
St. Stephen, New Brunswick	2,607	1,135	3,742	3,737	0.1	0.9	90.2
Other crossing points	10,395	32,317	42,712	39,561	8.0	9.8	100.0
Total Road Trade	226,308	208,404	434,712	428,319	1.5	100.0	

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

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

Table RO6: Twenty Busiest Border Crossings for Cars/Other Vehicles, 2015–2019

2019 Rank	Border Crossing	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
1	Pacific Highway/Douglas	B.C.	8.19	7.63	7.76	8.35	8.06	15.0	14.6	14.8	15.4	15.1
2	Windsor-Ambassador Bridge ¹	Ont.	4.20	4.01	4.13	4.43	4.21	7.7	7.7	7.9	8.2	7.9
3	Fort Erie - Peace Bridge	Ont.	4.16	4.13	4.11	4.10	4.09	7.6	7.9	7.8	7.6	7.7
4	Detroit - Windsor Tunnel ¹	Ont.	3.90	4.15	4.04	3.67	4.00	7.2	8.0	7.7	6.8	7.5
5	Sarnia - Blue Water Bridge	Ont.	3.19	3.02	2.99	3.07	3.03	5.8	5.8	5.7	5.7	5.7
6	Niagara Falls - Queenston Bridge	Ont.	2.67	2.61	2.70	2.82	2.85	4.9	5.0	5.1	5.2	5.4
7	Niagara Falls - Rainbow Bridge	Ont.	2.43	2.31	2.33	2.47	2.31	4.4	4.4	4.4	4.6	4.3
8	Boundary Bay	B.C.	2.00	1.83	1.86	2.06	1.95	3.7	3.5	3.5	3.8	3.7
9	Lacolle ²	Que.	1.91	1.83	1.82	1.83	1.85	3.5	3.5	3.5	3.4	3.5
10	Huntingdon	B.C.	1.80	1.61	1.62	1.86	1.79	3.3	3.1	3.1	3.4	3.4
11	Cornwall	Ont.	1.62	1.59	1.66	1.68	1.69	3.0	3.1	3.2	3.1	3.2
12	Sault Ste. Marie	Ont.	1.41	1.36	1.42	1.44	1.35	2.6	2.6	2.7	2.7	2.5
13	Lansdowne	Ont.	1.23	1.20	1.17	1.18	1.19	2.2	2.3	2.2	2.2	2.2
14	St. Stephen	N.B.	1.07	1.02	1.02	1.08	1.11	2.0	2.0	1.9	2.0	2.1
15	Aldergrove	B.C.	0.95	0.92	0.96	1.14	1.09	1.7	1.8	1.8	2.1	2.1
16	Phillipsburg	Que.	0.87	0.87	0.87	0.88	0.90	1.6	1.7	1.7	1.6	1.7
17	Fort Frances	Ont.	0.80	0.75	0.74	0.79	0.80	1.5	1.4	1.4	1.5	1.5
18	Rock Island ³	Que.	0.85	0.78	0.79	0.80	0.79	1.6	1.5	1.5	1.5	1.5
19	Edmundston	N.B.	0.80	0.73	0.73	0.75	0.73	1.5	1.4	1.4	1.4	1.4
20	Prescott	Ont.	0.58	0.58	0.61	0.62	0.61	1.1	1.1	1.2	1.1	1.1
	Top 20 Crossings		44.64	42.95	43.30	45.03	44.40	81.9	82.4	82.6	83.2	83.5
	All other crossings		9.87	9.20	9.11	9.12	8.80	18.1	17.6	17.4	16.8	16.5
	Total All Border Crossings		54.51	52.14	52.41	54.15	53.21	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 The data for the Windsor-Ambassador Bridge and Detroit-Windsor Tunnel presented here comes from a Transport Canada calculation and is not found directly in the source data. The sum of vehicle movements through all other Ontario border crossings is deducted from the Ontario total found in the source data. The proportions match those found in publicly-available data from the Bridge & Tunnel Operators Association (BTOA).

2 Lacolle includes routes 15, 221 and 223.

3 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0002-01

Table RO7: Twenty Busiest Border Crossings for Trucks, 2015–2019

2019 Rank	Border Crossing	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
1	Windsor-Ambassador Bridge ¹	Ont.	2.46	2.69	2.86	3.05	2.96	23.3	24.7	26.0	27.4	27.1
2	Sarnia -Blue Water Bridge	Ont.	1.62	1.70	1.61	1.56	1.53	15.4	15.6	14.6	14.0	14.0
3	Fort Erie - Peace Bridge	Ont.	1.21	1.19	1.14	1.11	1.02	11.4	10.9	10.3	10.0	9.3
4	Niagara Falls - Queenston Bridge	Ont.	0.72	0.75	0.79	0.79	0.81	6.9	6.9	7.2	7.1	7.5
5	Pacific Highway/Douglas	B.C.	0.81	0.78	0.78	0.79	0.77	7.7	7.1	7.1	7.1	7.0
6	Lacolle ²	Que.	0.56	0.54	0.55	0.57	0.57	5.3	5.0	5.0	5.1	5.2
7	Emerson	Man.	0.41	0.41	0.42	0.42	0.42	3.8	3.7	3.8	3.7	3.9
8	Lansdowne	Ont.	0.35	0.38	0.37	0.38	0.37	3.3	3.5	3.4	3.4	3.4
9	Coutts	Alb.	0.25	0.25	0.25	0.26	0.27	2.3	2.3	2.3	2.3	2.5
10	North Portal	Sas.	0.22	0.21	0.23	0.24	0.22	2.1	1.9	2.1	2.2	2.0
11	Rock Island ³	Que.	0.17	0.18	0.18	0.18	0.21	1.6	1.7	1.6	1.6	1.9
12	Huntingdon	B.C.	0.21	0.19	0.19	0.18	0.18	2.0	1.8	1.8	1.6	1.7
13	Phillipsburg	Que.	0.19	0.18	0.18	0.18	0.17	1.8	1.7	1.6	1.6	1.6
14	Woodstock	N.B.	0.09	0.10	0.11	0.12	0.12	0.9	0.9	1.0	1.0	1.1
15	St. Stephen	N.B.	0.10	0.10	0.10	0.11	0.11	0.9	0.9	0.9	1.0	1.0
16	Kingsgate	B.C.	0.11	0.12	0.11	0.10	0.11	1.0	1.1	1.0	0.9	1.0
17	Aldergrove	B.C.	0.02	0.08	0.09	0.09	0.09	0.2	0.7	0.8	0.9	0.8
18	Sault Ste. Marie	Ont.	0.09	0.09	0.09	0.08	0.08	0.8	0.8	0.8	0.7	0.7
19	Prescott	Ont.	0.06	0.06	0.07	0.07	0.07	0.6	0.5	0.6	0.6	0.6
20	Armstrong	Que.	0.06	0.05	0.06	0.06	0.06	0.6	0.5	0.5	0.5	0.5
	Top 20 Crossings		9.71	10.04	10.18	10.32	10.13	91.9	92.1	92.4	92.6	92.7
	All other crossings		0.85	0.86	0.84	0.82	0.79	8.1	7.9	7.6	7.4	7.3
	Total All Border Crossings		10.56	10.90	11.03	11.15	10.93	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 The data for the Windsor-Ambassador Bridge presented here comes from a Transport Canada calculation and is not found directly in the source data. The sum of vehicle movements through all other Ontario border crossings is deducted from the Ontario total found in the source data.

2 Lacolle includes routes 15, 221 and 223.

3 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0002-01

Table RO8: Border Wait Times for Southbound Trucks at Selected Crossings, 2019

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	12.3	7.8	43.2	27.2
Rock Island, QC	7.4	10.2	21.5	32.0
Lacolle, QC	13.3	12.0	38.4	33.2
Lansdowne, ON	15.9	15.5	41.1	36.4
Niagara Falls, ON - Queenston Bridge	14.4	12.9	46.8	39.6
Fort Erie, ON - Peace Bridge	15.8	13.4	46.3	38.9
Windsor-Ambassador Bridge, ON	16.6	15.1	42.3	34.8
Sarnia, ON	7.2	10.3	30.5	35.2
Sault Ste. Marie, ON	9.4	9.1	26.4	28.0
Emerson, MB	12.1	12.7	23.7	26.1
North Portal, SK	10.4	11.8	24.5	27.0
Coutts, AB	10.8	11.2	26.0	27.4
Huntingdon, BC	11.3	13.5	29.0	31.9
Pacific Highway, BC	15.3	17.0	50.2	51.3

Source: Transport Canada

Table RO9: Annual Trucking Bankruptcies by Region, 2010–2019

Year	Atlantic Provinces	Quebec	Ontario	Manitoba & Saskatchewan	Alberta	British Columbia & Territories	Total Trucking	Total Economy ¹
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
2017	6	69	21	14	6	4	120	2,700
2018	9	87	26	7	6	3	138	2,677
2019	5	78	25	12	12	2	134	2,746

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 RO10: Bus Industry Revenues by Service Lines, 2008–2017

	2008	2009	2010	2011	2012	2013	2014 ^R	2015 ^R	2016 ^R	2017 ^P	2008-2017 CAGR (Per cent)
Number of companies											
Urban transit systems ¹	84	88	86	85	87	85	88	92	95	95	1.4
Interurban and rural bus transportation	26	20	20	18	22	18	17	13	14	13	(7.4)
School and employee bus transportation	910	915	1,020	749	751	542	531	491	488	411	(8.5)
Charter and sightseeing bus industries	152	140	152	140	155	148	141	127	117	117	(2.9)
Other transit and ground passenger transportation ²	213	206	189	174	231	258	247	213	347	396	7.1
Total	1,385	1,369	1,467	1,166	1,246	1,051	1,024	936	1,061	1,032	(3.2)
(Millions of dollars)											
Revenues by NAICS Industry³											
Urban transit systems ¹	9,006	10,564	11,254	12,155	12,340	12,700	13,678	14,987	15,144	16,654	7.1
Interurban and rural bus transportation	707	631	660	661	675	754	741	620	693	778	1.1
School and employee bus transportation	1,735	1,812	1,933	2,019	2,089	2,131	2,272	2,099	2,036	1,830	0.6
Charter and sightseeing bus industries	507	458	478	472	512	583	599	570	583	618	2.2
Other transit and ground passenger transportation ²	184	171	168	209	224	317	316	288	630	435	10.0
Total	12,139	13,635	14,494	15,516	15,839	16,485	17,605	18,563	19,085	20,315	5.9
Revenues by Business Line											
Urban transit services	3,232	3,396	3,608	3,833	4,061	4,334	4,451	4,582	4,817	4,525	3.8
School Bus transportation	1,412	1,456	1,488	1,559	1,548	1,756	1,876	1,727	1,781	1,837	3.0
Charters services	571	524	577	554	602	492	537	504	546	544	(0.5)
Shuttle & sightseeing services	104	78	148	92	90	566	132	119	108	122	1.7
Scheduled Intercity services	491	433	442	436	457	452	452	367	225	265	(6.6)
Other passenger bus services	180	205	201	301	378	N/A	N/A	N/A	N/A	N/A	N/A
Other revenues	281	227	581	678	565	639	687	776	909	1,150	16.9
Parcels express delivery	94	85	85	90	84	76	515	441	525	368	16.4
Total (excluding government contributions)	6,366	6,405	7,130	7,544	7,785	8,314	8,648	8,517	8,912	8,811	3.7
Government contributions ⁴	5,773	7,230	7,364	7,973	8,054	8,171	8,957	10,046	10,173	11,504	8.0
Total	12,139	13,635	14,494	15,516	15,839	16,485	17,605	18,563	19,085	20,315	5.9

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.

Source: Statistics Canada, Table 23-10-0081-01

Table RO11: Urban Transit Passengers Carried and Vehicle-Kilometres, 2009–2018

	(Millions of passengers)	
	<i>Urban Transit¹ Passengers</i>	<i>Urban Transit Vehicle-Kilometres</i>
2009	1,795.0	1,064.9
2010	1,909.8	1,128.6
2011	2,000.8	1,173.3
2012	2,028.5	1,170.3
2013	2,050.4	1,185.4
2014	2,061.6	1,191.6
2015	2,057.5	1,176.3
2016	2,030.1	1,185.7
2017 ^R	2,106.0	1,200.7
2018 ^P	2,161.9	1,243.0

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

1 Passengers carried by urban transit operators only.

Source: Transport Canada, special tabulation based on Canadian Urban Transit Association (CUTA)

Table RO12: Urban Transit Fleet Composition, 2009–2018

	(Number of vehicles)									
<i>Vehicle Type</i>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Standard motor bus	2,535	1,547	983	751	590	394	234	219	177	156
Low floor bus	12,263	13,624	14,209	14,493	15,014	15,494	15,685	16,231	16,859	17,552
Light rail vehicle	466	515	547	592	592	592	619	641	639	679
Heavy rail vehicle	1,434	1,434	1,506	1,596	1,528	1,480	1,552	1,575	1,567	1,567
Commuter rail vehicle	707	714	557	554	574	574	942	930	666	666
Other ¹	352	360	326	320	323	328	362	390	378	452
Total Vehicles	17,757	18,194	18,128	18,306	18,621	18,862	19,394	19,986	20,286	21,072

Note:

1 Including streetcars, locomotives, ferries and other unspecified.

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

Table RO13: Average Annual Compensation in the Bus Industry, 2008–2017

	(Current dollars)									
	2008	2009	2010	2011	2012	2013	2014 ^R	2015	2016 ^R	2017 ^P
Urban transit systems	76,031	78,024	82,046	84,031	89,799	89,226	89,392	89,653	94,212	101,351
Interurban and rural bus transportation	64,833	61,383	72,085	72,150	77,968	88,450	83,878	80,267	81,043	61,591
Other transit and ground passenger transportation	37,620	39,306	34,448	37,528	29,288	41,373	49,123	44,786	44,998	44,169
Charter and sightseeing bus industries	34,989	33,171	38,598	38,055	38,038	37,182	39,010	43,358	35,848	35,367
School and employee bus transportation	23,879	25,210	28,522	28,749	27,898	28,694	26,715	25,193	26,130	25,897
Total bus industries and bus activities in non-bus industries	54,540	55,791	60,647	61,244	63,205	64,255	62,416	62,634	63,077	67,351

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

Source: Statistics Canada, Table 23-10-0083-01

Table RO14: Selected Provincial Urban Transportation System Indicators, 2018

	<i>Quebec</i>	<i>Ontario</i>	<i>Alberta</i>	<i>B.C.</i>	<i>Canada</i>
Price levels, (Canada=100)	68.8	123.5	76.7	107.0	100.0
Total unit cost (Canada=100)	68.0	126.2	98.9	87.0	100.0
Cost recovery (in %)	33.6	38.1	30.4	47.6	37.8
Revenue Shortfall per passenger (\$)	2.4	5.0	3.8	2.7	3.7

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