

**Table EC1: Economic Indicators, 2021**

	2021 (level)	2020 to 2021 (percentage change)	2016 to 2020 (CAGR)	2021 Share of total GDP (percentage)
<b>GDP at Basic Prices (millions of constant 2012 dollars)<sup>1</sup></b>				
<b>All industries</b>	<b>1,989,409</b>	<b>5.0</b>	<b>0.8</b>	<b>100.0</b>
<b>Goods-Producing Industries</b>	<b>578,825</b>	<b>4.4</b>	<b>0.5</b>	<b>29.1</b>
Manufacturing	188,856	4.9	(1.2)	9.5
Mining, quarrying, and oil and gas extraction	159,262	7.8	1.8	8.0
Construction	149,958	6.1	1.1	7.5
Agriculture, forestry, fishing and hunting	39,304	(9.6)	2.5	2.0
<b>Service-Producing Industries</b>	<b>1,410,584</b>	<b>5.2</b>	<b>0.8</b>	<b>70.9</b>
Real estate and rental and leasing	264,975	3.2	2.3	13.3
Wholesale Trade	105,909	4.9	1.7	5.3
Retail trade	104,075	7.2	0.6	5.2
<b>Transportation (core)</b>	<b>57,208</b>	<b>0.6</b>	<b>(4.8)</b>	<b>2.9</b>
Air transportation	1,853	(28.9)	(25.3)	0.1
Rail transportation	8,239	0.2	1.8	0.4
Water transportation	1,859	2.6	2.4	0.1
Truck transportation	20,114	4.6	(2.0)	1.0
Urban transit systems	2,396	(8.8)	(17.5)	0.1
Taxi and limousine services	996	8.0	(2.7)	0.1
Other ground and sightseeing	1,572	2.5	(8.0)	0.1
Support activities for transportation	12,852	(0.2)	(4.5)	0.6
Postal service and couriers and messengers	7,327	4.6	3.1	0.4
Pipelines	10,456	2.3	3.0	0.5
Warehousing and storage	4,355	8.9	7.2	0.2
<b>Transportation and warehousing (NAICS)</b>	<b>72,019</b>	<b>1.3</b>	<b>(3.3)</b>	<b>3.6</b>
<b>GDP at Basic Prices (millions of chained 2012 dollars)<sup>1</sup></b>				
<b>All industries</b>	<b>1,974,468</b>	<b>4.8</b>	<b>0.6</b>	
Goods-producing sector	565,844	3.9	0.2	
Service-producing sector	1,405,526	5.1	0.8	
<b>Transportation and Warehousing (NAICS)</b>	<b>72,820</b>	<b>1.7</b>	<b>(3.0)</b>	
Air transportation	1,809	(30.8)	(25.3)	
Rail transportation	8,157	(0.1)	1.7	
Water transportation	1,856	6.3	1.8	
Truck transportation	19,869	3.3	(1.9)	
<b>Real GDP (millions of 2012 chained dollars)<sup>2</sup></b>	<b>2,090,636</b>	<b>4.6</b>	<b>0.6</b>	
<b>Merchandise Trade (Customs basis, millions of current dollars)<sup>3</sup></b>				
Exports	631,188	20.7	0.3	
Imports	613,864	13.0	0.5	
<b>Services Trade (Balance of Payments basis, millions of current dollars)<sup>4</sup></b>				
<b>Transportation services</b>				
Receipts (exports)	14,866	8.6	(4.3)	
Payments (imports)	26,518	14.0	(3.7)	
<b>Travel services</b>				
Receipts (exports)	16,460	(9.1)	(11.8)	
Payments (imports)	9,637	(40.5)	(21.8)	
<b>Tourism Indicators (Thousands of persons)<sup>5</sup></b>				
Canadian residents returning from abroad	7,906	(45.9)	(27.5)	
U.S. visitors to Canada	3,296	(17.4)	(36.1)	
Non-U.S. visitors to Canada	986	(8.5)	(35.6)	
<b>Canadian Dollar, Foreign Exchange (CDN cents per US\$)<sup>6</sup></b>	<b>125.35</b>	<b>(6.6)</b>	<b>(0.9)</b>	
<b>Population (Thousands)<sup>7</sup></b>	<b>38,246</b>	<b>0.5</b>	<b>1.3</b>	
<b>Employment (Thousands)<sup>8</sup></b>	<b>18,865</b>	<b>4.8</b>	<b>0.1</b>	
<b>Household Income and Consumption (current dollars)</b>				
Household disposable income per capita <sup>9</sup>	37,607	2.3	4.0	
Household final consumption per capita (total) <sup>10</sup>	34,655	7.5	0.2	
Household final consumption per capita (transportation) <sup>10</sup>	4,867	14.1	(3.5)	
<b>Price Indices</b>				
GDP implicit deflator (2012=100) <sup>2</sup>	1.19	8.2	1.6	
Terms of trade (2012 = 100) <sup>11</sup>	96.1	11.9	(0.5)	
Consumer Price Index (2002=100) <sup>12</sup>				
All-items	141.6	3.4	1.6	
Transportation	151.4	7.2	2.5	

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, 2018**

	<i>Transport Sector<sup>1</sup> GDP</i> <i>(millions of current dollars)</i>	<i>Share of National Total</i>	<i>Transport Share of Overall</i> <i>Prov./Terr. GDP</i>
Newfoundland and Labrador	1,013.7	1.2%	3.2%
Prince Edward Island	222.3	0.3%	3.5%
Nova Scotia	1,346.3	1.6%	3.3%
New Brunswick	1,591.3	1.9%	4.7%
Quebec	17,590.8	20.9%	4.3%
Ontario	30,149.5	35.9%	3.8%
Manitoba	3,490.9	4.2%	5.1%
Saskatchewan	2,229.5	2.7%	2.8%
Alberta	11,570.0	13.8%	3.5%
British Columbia	14,458.0	17.2%	5.3%
Yukon	89.2	0.1%	3.1%
Northwest Territories	242.8	0.3%	5.3%
Nunavut	73.4	0.1%	2.4%
<b>Total</b>	<b>84,067.7</b>	<b>100.0</b>	

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

<sup>1</sup> 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, 2021**

	2021 (millions of current dollars)	Per cent share of transportation expenses	Per cent change (2020 to 2021)	CAGR (2016 to 2020)
<b>New and Used Transportation Equipment</b>				
New passenger cars	12,399	6.7	7.2	(10.0)
New trucks, vans and sport utility vehicles	49,796	26.8	13.1	2.9
Used motor vehicles	16,612	8.9	15.4	(0.8)
Other vehicles	4,514	2.4	8.3	7.9
<b>Subtotal</b>	<b>83,321</b>	<b>44.8</b>	<b>12.4</b>	<b>(0.1)</b>
<b>Fuels and lubricants</b>	<b>43,704</b>	<b>23.5</b>	<b>32.1</b>	<b>0.8</b>
<b>Repair and Maintenance (including parts)</b>				
Spare parts and accessories for vehicles	20,929	11.2	13.1	4.5
Maintenance and repair of vehicles	12,464	6.7	13.6	4.0
<b>Subtotal</b>	<b>33,393</b>	<b>17.9</b>	<b>13.3</b>	<b>4.3</b>
<b>Other Motor Vehicle Related Services</b>				
Passenger vehicle renting	902	0.5	(2.4)	(8.5)
Insurance related to transport	8,449	4.5	4.8	3.0
Parking	2,816	1.5	2.4	(2.9)
Other services related to the operation of transport equipment	2,504	1.3	10.6	(0.8)
<b>Subtotal</b>	<b>14,671</b>	<b>7.9</b>	<b>4.8</b>	<b>0.2</b>
<b>Commercial Transportation</b>				
Urban transit	2,219	1.2	(7.0)	(16.8)
Railway transport	115	0.1	45.6	(21.6)
Interurban bus	250	0.1	(29.8)	(32.6)
Air transport	3,940	2.1	(13.2)	(27.2)
Water transport	463	0.2	18.4	(0.8)
Taxi and limousine	1,561	0.8	18.3	4.3
Other transport services	2,514	1.4	3.2	(3.3)
<b>Subtotal</b>	<b>11,062</b>	<b>5.9</b>	<b>(3.9)</b>	<b>(18.3)</b>
<b>Transport (including insurance)</b>	<b>186,151</b>	<b>100.0</b>	<b>14.7</b>	<b>(1.0)</b>

Note: CAGR= Compound Annual Growth Rate.

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

**Table EC5: Modal Shares in Canada's International Trade, 2012–2021**

Canadian Exports (Millions of dollars)											
	Total Exports <sup>1</sup>						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	546,087	219,943	84,270	101,564	60,101	80,208	40.3	15.4	18.6	11.0	14.7
2018	584,295	226,028	92,147	113,350	63,313	89,457	38.7	15.8	19.4	10.8	15.3
2019 <sup>R</sup>	592,082	232,899	87,820	109,814	69,527	92,021	39.3	14.8	18.5	11.7	15.5
2020 <sup>R</sup>	522,800	213,120	73,393	103,395	65,496	67,395	40.8	14.0	19.8	12.5	12.9
2021 <sup>P</sup>	631,517	241,725	90,433	123,105	64,527	111,727	38.3	14.3	19.5	10.2	17.7

Canadian Imports (Millions of dollars)											
	Total imports <sup>2</sup>						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	562,029	306,079	51,881	116,624	70,571	16,874	54.5	9.2	20.8	12.6	3.0
2018	595,886	313,663	51,285	138,195	75,645	17,097	52.6	8.6	23.2	12.7	2.9
2019 <sup>R</sup>	601,962	316,418	52,788	137,501	80,004	15,252	52.6	8.8	22.8	13.3	2.5
2020 <sup>R</sup>	543,161	288,254	42,458	122,390	79,154	10,904	53.1	7.8	22.5	14.6	2.0
2021 <sup>P</sup>	613,739	309,807	50,466	157,470	81,347	14,649	50.5	8.2	25.7	13.3	2.4

Total Canadian Trade (Millions of dollars)											
	Total exports and imports						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	1,108,116	526,023	136,151	218,188	130,672	97,081	47.5	12.3	19.7	11.8	8.8
2018	1,180,180	539,691	143,433	251,545	138,957	106,554	45.7	12.2	21.3	11.8	9.0
2019 <sup>R</sup>	1,194,045	549,317	140,609	247,315	149,531	107,273	46.0	11.8	20.7	12.5	9.0
2020 <sup>R</sup>	1,065,961	501,375	115,851	225,785	144,651	78,299	47.0	10.9	21.2	13.6	7.3
2021 <sup>P</sup>	1,245,256	551,532	140,899	280,575	145,874	126,376	44.3	11.3	22.5	11.7	10.1

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 EC6: Modal Shares in Canada-United States Trade, 2012–2021**

Canadian Exports to the U.S. (Millions of dollars)											
	Total exports <sup>1</sup>						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	414,184	214,457	81,613	19,405	18,562	80,147	51.8	19.7	4.7	4.5	19.4
2018	437,848	219,690	89,441	20,239	19,074	89,403	50.2	20.4	4.6	4.4	20.4
2019 <sup>R</sup>	446,078	225,286	85,604	22,127	21,081	91,980	50.5	19.2	5.0	4.7	20.6
2020 <sup>R</sup>	383,046	207,291	71,665	14,920	21,813	67,356	54.1	18.7	3.9	5.7	17.6
2021 <sup>P</sup>	476,351	234,539	87,603	22,939	19,575	111,696	49.2	18.4	4.8	4.1	23.4

Canadian Imports from the U.S. (Millions of dollars)											
	Total imports <sup>2</sup>						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	288,857	203,129	40,752	10,131	19,197	15,648	70.3	14.1	3.5	6.6	5.4
2018	304,591	208,543	40,696	17,875	21,552	15,925	68.5	13.4	5.9	7.1	5.2
2019 <sup>R</sup>	305,267	208,295	41,888	18,769	21,757	14,558	68.2	13.7	6.1	7.1	4.8
2020 <sup>R</sup>	265,213	188,986	34,491	11,655	19,738	10,343	71.3	13.0	4.4	7.4	3.9
2021 <sup>P</sup>	297,726	207,783	40,536	14,383	21,099	13,925	69.8	13.6	4.8	7.1	4.7

Total Canada-U.S. Trade (Millions of dollars)											
	Total exports and imports						Share of Total (%)				
	All Modes	Road	Rail	Marine	Air	Other	Road	Rail	Marine	Air	Other
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	703,041	417,586	122,365	29,536	37,759	95,795	59.4	17.4	4.2	5.4	13.6
2018	742,439	428,234	130,137	38,113	40,626	105,328	57.7	17.5	5.1	5.5	14.2
2019 <sup>R</sup>	751,345	433,581	127,492	40,896	42,838	106,538	57.7	17.0	5.4	5.7	14.2
2020 <sup>R</sup>	648,258	396,277	106,156	26,575	41,551	77,699	61.1	16.4	4.1	6.4	12.0
2021 <sup>P</sup>	774,077	442,322	128,139	37,322	40,674	125,621	57.1	16.6	4.8	5.3	16.2

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 EC7: Modal Shares in Canada-Other Countries Trade, 2012–2021**

<b>Canadian Exports to Other Countries (excluding the U.S.)</b>											
<b>(Millions of dollars)</b>											
	<b>Total exports<sup>1</sup></b>						<b>Share of Total (%)</b>				
	<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>
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	131,902	5,486	2,657	82,159	41,539	61	4.2	2.0	62.3	31.5	0.0
2018	146,447	6,338	2,706	93,111	44,238	53	4.3	1.8	63.6	30.2	0.0
2019 <sup>k</sup>	146,004	7,613	2,216	87,687	48,446	41	5.2	1.5	60.1	33.2	0.0
2020 <sup>k</sup>	139,755	5,829	1,729	88,474	43,684	39	4.2	1.2	63.3	31.3	0.0
2021 <sup>p</sup>	155,166	7,186	2,830	100,166	44,952	31	4.6	1.8	64.6	29.0	0.0

<b>Canadian Imports from Other Countries (excluding the U.S.)</b>											
<b>(Millions of dollars)</b>											
	<b>Total imports<sup>2</sup></b>						<b>Share of Total (%)</b>				
	<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>
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	273,172	102,950	11,130	106,493	51,373	1,226	37.7	4.1	39.0	18.8	0.4
2018	291,294	105,120	10,589	120,321	54,093	1,172	36.1	3.6	41.3	18.6	0.4
2019 <sup>k</sup>	296,696	108,123	10,901	118,731	58,247	694	36.4	3.7	40.0	19.6	0.2
2020 <sup>k</sup>	277,948	99,268	7,966	110,736	59,416	561	35.7	2.9	39.8	21.4	0.2
2021 <sup>p</sup>	316,013	102,024	9,930	143,086	60,248	724	32.3	3.1	45.3	19.1	0.2

<b>Total Canada-Other Countries Trade</b>											
<b>(Millions of dollars)</b>											
	<b>Total exports and imports</b>						<b>Share of Total (%)</b>				
	<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>
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	405,074	108,436	13,786	188,652	92,913	1,287	26.8	3.4	46.6	22.9	0.3
2018	437,742	111,457	13,295	213,432	98,331	1,226	25.5	3.0	48.8	22.5	0.3
2019 <sup>k</sup>	442,700	115,736	13,117	206,419	106,693	736	26.1	3.0	46.6	24.1	0.2
2020 <sup>k</sup>	417,703	105,097	9,695	199,210	103,100	600	25.2	2.3	47.7	24.7	0.1
2021 <sup>p</sup>	471,179	109,211	12,760	243,253	105,200	756	23.2	2.7	51.6	22.3	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, 2020–2021**

(Millions of dollars)

Canadian Region	U.S. Region <sup>1</sup>	Exports	Imports	Total	Total	Percentage	Share of	Main Modes Used
		from Canada	to Canada	Trade 2021 <sup>P</sup>	Trade 2020 <sup>R</sup>	Change 2021/20	Total (%) 2021	(Per cent of total value) 2021 <sup>P</sup>
Ontario	Central	82,036	86,000	168,036	154,042	9.1	21.7	Road (76), Rail (17)
Ontario	South	36,452	53,778	90,230	80,974	11.4	11.7	Road (73), Rail (16)
Alberta	Central	66,107	8,923	75,030	46,344	61.9	9.7	Pipeline (85), Rail (9)
Ontario	North-East	36,278	38,313	74,591	64,249	16.1	9.6	Road (87), Air (7)
Ontario	West	37,751	16,472	54,224	54,186	0.1	7.0	Road (56), Rail (33)
Quebec	North-East	25,416	8,756	34,173	30,074	13.6	4.4	Road (74), Air (8)
Quebec	South	21,679	11,486	33,165	28,054	18.2	4.3	Road (50), Marine (22)
Alberta	West	27,176	4,870	32,047	22,034	45.4	4.1	Pipeline (47), Road (25)
British Columbia	West	17,580	13,404	30,984	24,153	28.3	4.0	Road (64), Pipeline (19)
Manitoba and Saskatchewan	Central	15,153	15,287	30,440	26,123	16.5	3.9	Road (60), Rail (22)
Alberta	South	22,879	4,773	27,652	18,823	46.9	3.6	Pipeline (50), Rail (31)
Quebec	Central	17,302	4,094	21,397	17,758	20.5	2.8	Road (62), Rail (20)
Atlantic provinces	North-East	16,038	1,954	17,992	13,440	33.9	2.3	Marine (53), Road (39)
Manitoba and Saskatchewan	South	8,720	7,574	16,294	12,819	27.1	2.1	Road (56), Rail (28)
<b>Subtotal</b>		<b>430,569</b>	<b>275,686</b>	<b>706,255</b>	<b>593,071</b>	<b>19.1</b>	<b>91.2</b>	
Other		45,782	22,040	67,822	55,188	22.9	8.8	
<b>Total Canada/U.S.</b>		<b>476,351</b>	<b>297,726</b>	<b>774,077</b>	<b>648,258</b>	<b>19.4</b>	<b>100.0</b>	<b>Road (57), Rail (17)</b>

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

<sup>1</sup> 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, 2021**

(Millions of dollars)

<i>Total Exports</i> <sup>1</sup>	<i>Origin</i> <sup>3</sup>		<i>Total</i> <i>2021</i> <sup>P</sup>	<i>Main Modes Used</i> <i>(per cent of total value)</i>
	<i>Eastern</i> <i>Provinces</i>	<i>Western</i> <i>Provinces</i>		
<i>Regions of Destination</i>				
<b>United States</b>	<b>291,375</b>	<b>184,976</b>	<b>476,351</b>	<b>Road (49), Pipeline (23)</b>
<b>Other Regions</b>	<b>88,514</b>	<b>66,652</b>	<b>155,166</b>	<b>Marine (65), Air (29)</b>
Asia	25,388	41,917	67,305	Marine (83), Air (16)
Western Europe	42,139	9,057	51,195	Air (53), Marine (46)
Latin America	9,378	8,519	17,897	Marine (53), Road (23)
Middle East	5,303	2,598	7,901	Marine (55), Air (22)
Africa	2,089	2,463	4,551	Marine (78), Air (20)
Eastern Europe	2,536	823	3,359	Marine (53), Air (43)
Oceania	1,635	1,242	2,878	Marine (47), Air (36)
Other	46	34	80	Marine (53), Air (47)
<b>Total</b>	<b>379,889</b>	<b>251,628</b>	<b>631,517</b>	
	<i>Destination</i> <sup>3</sup>			
<i>Total Imports</i> <sup>2</sup>	<i>Eastern</i>	<i>Western</i>	<i>Total</i>	<i>Main Modes Used</i>
<i>Regions of Origin</i>	<i>Provinces</i>	<i>Provinces</i>	<i>2021</i> <sup>P</sup>	<i>(Per cent of total value)</i>
<b>United States</b>	<b>230,026</b>	<b>67,700</b>	<b>297,726</b>	<b>Road (70), Rail (14)</b>
<b>Other Regions</b>	<b>254,126</b>	<b>61,887</b>	<b>316,013</b>	<b>Marine (45), Road (32)</b>
Asia	112,162	40,868	153,030	Marine (51), Road (34)
Western Europe	66,047	9,593	75,640	Marine (49), Air (29)
Latin America	46,476	7,028	53,504	Road (51), Marine (18)
Eastern Europe	9,662	1,033	10,695	Marine (64), Air (17)
Middle East	8,114	746	8,861	Marine (65), Air (21)
Africa	6,090	412	6,502	Marine (60), Air (24)
Other	3,836	916	4,752	Road (67), Air (29)
Oceania	1,739	1,290	3,029	Marine (55), Road (25)
<b>Total</b>	<b>484,151</b>	<b>129,588</b>	<b>613,739</b>	

Notes: P = Preliminary data.

1 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.

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.

3 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, 2020–2021**

(Millions of dollars)

Countries	Total Exports		Total Imports		Total Trade 2021 <sup>P</sup>		Country Share in %	Cumulative Share in %	Total Trade 2020 <sup>R</sup>	Percentage Change 2021/2020
	Exports	Ranking	Imports	Ranking	Ranking	Ranking				
United States	476,627	1	297,551	1	<b>774,178</b>	1	62.2	62.2	<b>648,259</b>	19.4
China, People's Republic	28,800	2	86,046	2	<b>114,846</b>	2	9.2	71.4	<b>101,817</b>	12.8
Mexico	8,187	5	33,424	3	<b>41,611</b>	3	3.3	74.8	<b>36,107</b>	15.2
Japan	14,362	4	15,445	5	<b>29,806</b>	4	2.4	77.2	<b>25,935</b>	14.9
Germany	6,858	6	19,109	4	<b>25,968</b>	5	2.1	79.2	<b>23,656</b>	9.8
United Kingdom (UK)	16,217	3	7,874	9	<b>24,090</b>	6	1.9	81.2	<b>27,768</b>	(13.2)
South Korea	5,706	7	10,339	7	<b>16,045</b>	7	1.3	82.5	<b>14,312</b>	12.1
Italy	2,649	15	10,471	6	<b>13,121</b>	8	1.1	83.5	<b>12,747</b>	2.9
France	4,041	9	7,101	12	<b>11,142</b>	9	0.9	84.4	<b>10,195</b>	9.3
Vietnam	658	38	9,830	8	<b>10,488</b>	10	0.8	85.3	<b>8,907</b>	17.8
Taiwan	2,441	16	7,828	10	<b>10,269</b>	11	0.8	86.1	<b>7,415</b>	38.5
Brazil	2,263	19	7,492	11	<b>9,755</b>	12	0.8	86.9	<b>8,724</b>	11.8
India	2,983	14	5,975	13	<b>8,958</b>	13	0.7	87.6	<b>8,683</b>	3.2
Belgium	3,906	10	4,865	15	<b>8,771</b>	14	0.7	88.3	<b>7,112</b>	23.3
Switzerland	3,029	13	5,694	14	<b>8,724</b>	15	0.7	89.0	<b>7,721</b>	13.0
Netherlands	4,773	8	3,909	19	<b>8,683</b>	16	0.7	89.7	<b>8,666</b>	0.2
Spain	2,325	17	3,796	21	<b>6,121</b>	17	0.5	90.2	<b>4,517</b>	35.5
Peru	1,086	27	3,976	18	<b>5,062</b>	18	0.4	90.6	<b>4,581</b>	10.5
Thailand	870	32	4,120	17	<b>4,990</b>	19	0.4	91.0	<b>4,341</b>	14.9
Malaysia	1,022	29	3,803	20	<b>4,825</b>	20	0.4	91.4	<b>3,825</b>	26.1
Canada <sup>1</sup>	0		4,737	16	<b>4,737</b>	21	0.4	91.8	<b>4,019</b>	17.9
Australia	2,312	18	2,240	28	<b>4,552</b>	22	0.4	92.1	<b>4,501</b>	1.1
Saudi Arabia	2,187	21	2,364	25	<b>4,551</b>	23	0.4	92.5	<b>3,073</b>	48.1
Indonesia	2,241	20	1,980	31	<b>4,220</b>	24	0.3	92.8	<b>3,398</b>	24.2
Norway	3,131	12	978	43	<b>4,109</b>	25	0.3	93.2	<b>3,743</b>	9.8
Other countries	32,449		52,737		<b>85,186</b>		6.8	100.0	<b>71,938</b>	18.4
<b>Grand Total Trade</b>	<b>631,124</b>		<b>613,684</b>		<b>1,244,807</b>		<b>100.0</b>		<b>1,065,961</b>	<b>16.8</b>
Total APEC	552,674		488,894		1,041,568				880,060	18.4
Total BRIC	34,703		101,653		136,356				121,052	12.6
Total EU (excluding UK)	30,477		67,602		98,079				88,091	11.3
Total OECD (including Costa Rica)	563,601		453,573		1,017,174				869,847	16.9

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.

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 EC14: Employment in the Transportation Sector, 2011–2021**

	(Number of people)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Transportation and related services</b>											
Scheduled air transportation	52,498	54,490	56,026	57,627	57,470	59,344	61,698	59,428	61,962	56,538	41,271
Non-scheduled air transportation	11,940	12,085	12,301	12,323	12,760	12,137	11,674	11,646	12,698	12,059	11,787
Support activities for air transportation	26,584	28,050	28,201	29,722	30,775	30,916	31,447	32,192	32,700	26,387	25,573
<b>Sub-total for Air</b>	<b>91,022</b>	<b>94,625</b>	<b>96,528</b>	<b>99,672</b>	<b>101,005</b>	<b>102,997</b>	<b>104,819</b>	<b>103,266</b>	<b>107,360</b>	<b>94,984</b>	<b>78,631</b>
<b>Marine shipping and support activities<sup>1</sup></b>	<b>19,486</b>	<b>18,967</b>	<b>22,745</b>	<b>21,846</b>	<b>21,699</b>	<b>22,594</b>	<b>21,747</b>	<b>25,366</b>	<b>25,931</b>	<b>24,705</b>	<b>23,638</b>
Rail transportation	37,286	38,095	37,607	37,073	37,456	37,437	37,203	36,889	35,744	35,268	37,946
Support activities for rail transportation	2,615	2,620	2,947	3,727	4,039	4,370	3,479	3,913	3,989	4,165	4,321
<b>Sub-total for Rail</b>	<b>39,901</b>	<b>40,715</b>	<b>40,554</b>	<b>40,800</b>	<b>41,495</b>	<b>41,807</b>	<b>40,682</b>	<b>40,802</b>	<b>39,733</b>	<b>39,433</b>	<b>42,267</b>
Truck transportation	175,518	182,446	189,381	192,924	195,965	195,841	200,821	206,137	208,495	193,791	205,286
Support activities for road transportation	21,807	22,864	23,615	24,134	24,707	26,614	27,169	28,002	28,610	29,014	29,619
Post office plus private couriers and messengers <sup>1</sup>	115,022	122,898	117,681	108,572	107,673	110,238	106,665	120,888	125,043	124,127	142,614
Waste collection <sup>2</sup>	10,576	12,373	12,849	13,953	15,110	15,702	16,631	19,191	19,443	17,642	18,868
<b>Sub-total for Trucking and related activities<sup>2</sup></b>	<b>323,923</b>	<b>340,581</b>	<b>343,526</b>	<b>339,683</b>	<b>343,455</b>	<b>348,395</b>	<b>351,286</b>	<b>374,218</b>	<b>382,591</b>	<b>364,574</b>	<b>396,387</b>
Urban transit systems	58,794	59,540	61,309	60,918	61,396	63,124	62,159	63,154	65,317	63,688	63,165
School and employee bus transportation	31,487	32,230	32,825	33,487	33,433	33,779	34,645	35,331	35,906	30,528	31,507
Interurban and rural bus transportation	4,329	5,138	5,657	4,974	4,915	4,865	4,284	4,066	3,741	3,134	2,930
Charter bus industry	5,010	5,030	5,172	4,945	4,899	4,965	5,239	5,590	5,687	3,093	3,098
Other transit and ground passenger transportation	4,284	5,007	5,203	5,628	5,984	5,990	6,649	6,475	6,193	4,979	5,209
<b>Sub-total for Buses and urban transit</b>	<b>104,004</b>	<b>107,035</b>	<b>110,166</b>	<b>109,952</b>	<b>110,627</b>	<b>112,623</b>	<b>112,976</b>	<b>114,616</b>	<b>116,844</b>	<b>105,422</b>	<b>105,909</b>
Taxi and limousine service	11,952	11,880	11,727	11,708	11,425	10,994	11,010	10,492	10,749	7,446	7,121
Logistics and other freight support services	38,037	39,065	39,333	40,817	41,714	42,214	41,517	43,448	45,054	40,940	43,218
Travel arrangement and sightseeing services <sup>1,2</sup>	40,655	39,060	38,740	39,442	40,619	38,505	40,661	37,624	40,968	27,551	24,441
<b>Sub-total for Arrangement and other support services<sup>2</sup></b>	<b>90,644</b>	<b>90,005</b>	<b>89,800</b>	<b>91,967</b>	<b>93,758</b>	<b>91,713</b>	<b>93,188</b>	<b>91,564</b>	<b>96,771</b>	<b>75,937</b>	<b>74,780</b>
Self-employment <sup>2</sup>	144,164	145,436	156,426	174,988	179,591	177,614	171,600	170,074	200,223	202,804	191,900
<b>TOTAL - Transportation and related services</b>	<b>813,144</b>	<b>837,364</b>	<b>859,745</b>	<b>880,908</b>	<b>891,630</b>	<b>897,143</b>	<b>896,298</b>	<b>919,906</b>	<b>969,453</b>	<b>907,859</b>	<b>913,512</b>
<i>NAICS Transportation and warehousing employment not included above:<sup>3</sup></i>	<i>50,159</i>	<i>49,546</i>	<i>46,459</i>	<i>38,765</i>	<i>40,798</i>	<i>45,899</i>	<i>60,491</i>	<i>84,232</i>	<i>75,086</i>	<i>65,627</i>	<i>76,231</i>
<b>Transportation manufacturing, commercial services and construction</b>											
Aerospace product and parts manufacturing	44,324	46,440	47,613	49,303	47,259	45,683	43,980	46,540	51,349	47,421	44,700
Ship and boat building	6,045	6,457	6,480	6,482	6,876	7,233	7,872	8,128	8,252	7,879	8,823
Railroad rolling stock manufacturing	4,016	3,703	3,354	3,461	4,150	3,889	3,771	3,545	4,358	4,026	3,758
Motor vehicle manufacturing	37,401	37,207	38,880	40,161	41,417	43,209	43,673	44,122	44,277	36,660	36,188
Parts and other motor vehicle manufacturing	74,415	77,980	78,534	81,339	83,987	83,666	87,266	92,851	90,356	80,567	85,437
Other transportation equipment manufacturing	6,568	6,535	7,114	6,415	7,434	8,221	9,099	9,914	10,541	8,070	9,220
<b>Sub-total for Transportation equipment manufacturing</b>	<b>172,769</b>	<b>178,322</b>	<b>181,975</b>	<b>187,161</b>	<b>191,123</b>	<b>191,901</b>	<b>195,661</b>	<b>205,100</b>	<b>209,133</b>	<b>184,623</b>	<b>188,126</b>
Motor vehicle wholesalers	60,123	62,031	62,404	63,801	65,047	63,300	62,319	63,476	65,035	59,061	60,651
Motor vehicle retailers	185,202	189,159	196,118	204,593	207,295	210,853	215,736	222,013	226,409	195,509	206,133
Transport equipment rental and leasing <sup>4</sup>	24,417	25,043	26,038	27,064	28,065	27,613	28,123	28,268	29,069	21,919	22,385
Gasoline stations	80,281	78,885	78,536	80,838	81,642	82,565	84,048	84,704	83,269	77,048	79,480
Automotive repair and maintenance	94,978	96,657	98,120	101,628	104,485	106,024	108,517	111,572	113,787	100,858	106,587
<b>Sub-total for Transportation-related commercial services</b>	<b>445,001</b>	<b>451,775</b>	<b>461,216</b>	<b>477,924</b>	<b>486,534</b>	<b>490,355</b>	<b>498,743</b>	<b>510,033</b>	<b>517,569</b>	<b>454,395</b>	<b>475,236</b>
Highway, street and bridge construction	57,187	59,563	57,812	56,302	54,850	54,441	53,301	53,937	54,771	51,872	54,734
<b>TOTAL - Transportation manufacturing, commercial services and construction</b>	<b>674,957</b>	<b>689,660</b>	<b>701,003</b>	<b>721,387</b>	<b>732,507</b>	<b>736,697</b>	<b>747,705</b>	<b>769,070</b>	<b>781,473</b>	<b>690,890</b>	<b>718,096</b>

Notes: NAICS = North American Industry Classification System  
Data for transportation-related local government employment are not collected.

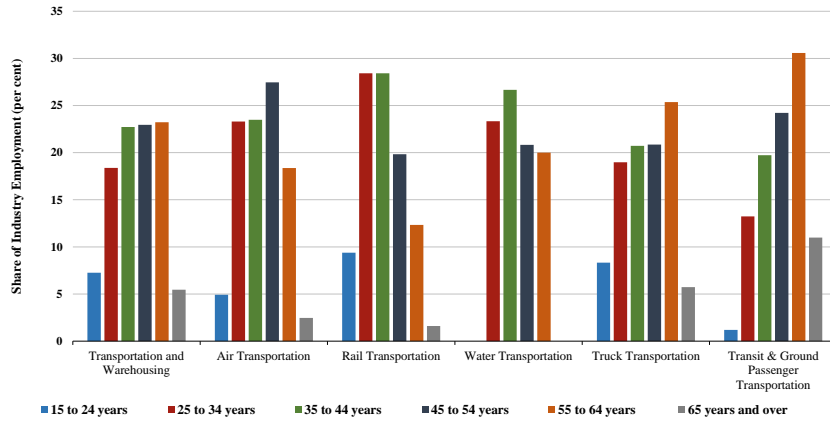
- 1 Transport Canada estimate.
- 2 Includes employment from sectors outside of NAICS 48-49 Transportation and warehousing.
- 3 Transport Canada estimate of paid and self-employment in the Pipeline and Warehousing industries.
- 4 Transport Canada estimate of transportation equipment segment of this industry.

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

EMPLOYED EMPLOYEES IN CANADA IN THE TRANSPORTATION AND WAREHOUSING INDUSTRIES BY AGE GROUPS  
 Figure EC 15: Labour in Transportation Modes in Canada, by Age Range, 2021

By age group	Transportation and Warehousing	Air Transportation	Rail Transportation	Water Transportation	Truck Transportation	Transit & Ground Passenger Transportation
15 to 24 years	7.3	4.9	9.4		8.3	1.2
25 to 34 years	18.4	23.3	28.4	23.3	19.0	13.2
35 to 44 years	22.7	23.5	28.4	26.7	20.7	19.7
45 to 54 years	22.9	27.5	19.8	20.8	20.9	24.2
55 to 64 years	23.2	18.4	12.3	20.0	25.4	30.6
65 years and over	5.5	2.5	1.6		5.7	11.0

Figure EC 15: Labour in Transportation Modes in Canada, by Age Range, 2021



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

**Table EC16: Average weekly earnings<sup>1</sup> by selected industries, 2012–2021**

(Current Dollars)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Transportation and Warehousing<sup>2</sup></b>	<b>928</b>	<b>969</b>	<b>1,001</b>	<b>1,027</b>	<b>1,010</b>	<b>1,034</b>	<b>1,035</b>	<b>1,091</b>	<b>1,158</b>	<b>1,173</b>
<b>Air transportation</b>										
Scheduled air transportation	1,063	1,097	1,100	1,199	1,065	1,163	1,064	1,217	1,267	1,461
Non-scheduled air transportation	1,100	1,150	1,181	1,247	1,122	1,198	1,187	1,268	1,279	1,392
Support activities for air transportation	1,153	1,207	1,199	1,247	1,232	1,271	1,282	1,312	N/A	1,542
<b>Marine transportation</b>										
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	1,174	1,291	1,259	1,324	N/A	1,328	1,502	1,441	1,700	1,698
<b>Rail transportation</b>										
Rail transportation	1,369	1,353	1,308	1,496	1,415	1,490	1,375	1,682	1,809	1,685
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
<b>Truck transportation</b>										
General freight trucking	858	866	889	883	894	917	965	1,015	1,068	1,079
Specialized freight trucking	961	982	1,050	1,032	983	1,011	1,067	1,101	1,135	1,132
Support activities for road transportation	853	893	928	879	883	917	1,002	1,027	1,067	1,088
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	675	749	757	801	790	864	878	854	896	866
Waste collection	883	905	925	949	1,002	992	1,040	1,070	1,218	1,313
<b>Buses and urban transit</b>										
Urban transit systems	982	1,143	1,268	1,315	1,330	1,306	1,206	1,327	1,424	1,462
Interurban and rural bus transportation	N/A	N/A	N/A	N/A	903	1,049	N/A	N/A	N/A	N/A
School and employee bus transportation	522	523	545	551	539	517	546	595	645	676
Charter bus industry	589	N/A	N/A	N/A	N/A	624	N/A	N/A	N/A	N/A
Other transit and ground passenger transportation	N/A	N/A	N/A	556	585	578	578	584	621	N/A
<b>Other transport-related industries</b>										
Taxi and limousine service	439	430	N/A	473	459	472	N/A	N/A	551	603
Freight transportation arrangement	965	996	1,021	1,000	1,018	1,020	1,102	1,158	1,184	1,217
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	771	735	764	N/A	837	856	858	940	936	1,034
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	760	781	806	800	832	847	870	905	946	972
Highway, street and bridge construction	1,262	1,342	1,363	1,357	1,335	1,321	1,347	1,392	1,416	1,500
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	783	835	862	820	909	920	921	963	1,050	978
Transit and ground passenger transportation	767	847	915	948	955	935	894	976	1,091	1,119

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

<sup>1</sup> 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.

<sup>2</sup> 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, 2012–2021**

	2012	2013	2014	2015	2016	2017	2018	2019 <sup>R</sup>	2020	2021
<b>Number of Stoppages</b>										
Air <sup>1</sup>	2	2	2	1	0	2	0	2	1	0
Marine <sup>1,2</sup>	1	0	0	5	2	2	2	2	4	6
Rail <sup>1</sup>	3	0	0	3	0	0	1	3	0	0
Truck	0	0	0	2	1	0	2	2	0	0
Bus/transit <sup>3</sup>	7	3	3	1	7	1	3	4	2	2
Taxi/limousine	1	0	1	1	0	0	0	0	0	1
Other <sup>4</sup>	2	0	2	4	1	0	2	2	0	0
<b>Total</b>	<b>16</b>	<b>5</b>	<b>8</b>	<b>17</b>	<b>11</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>7</b>	<b>9</b>
<b>Number of Workers Involved</b>										
Air <sup>1</sup>	102	110	475	56	0	730	0	84	71	0
Marine <sup>1,2</sup>	17	0	0	285	250	54	84	61	1,360	1,335
Rail <sup>1</sup>	4,529	0	0	4,137	0	0	3,200	3,681	0	0
Truck	0	0	0	126	90	0	155	148	0	0
Bus/transit <sup>3</sup>	1,591	168	549	48	615	602	564	208	771	427
Taxi/limousine	754	0	22	240	0	0	0	0	0	5
Other <sup>4</sup>	131	0	75	249	48	0	50,500	39	0	0
<b>Total</b>	<b>7,124</b>	<b>278</b>	<b>1,121</b>	<b>5,141</b>	<b>1,003</b>	<b>1,386</b>	<b>54,503</b>	<b>4,221</b>	<b>2,202</b>	<b>1,767</b>
<b>Person-days Not Worked</b>										
Air <sup>1</sup>	9,280	14,980	25,280	40	0	41,090	0	160	1,700	0
Marine <sup>1,2</sup>	100	0	0	3,910	27,330	540	8,280	4,553	29,678	6,420
Rail <sup>1</sup>	54,450	0	0	22,990	0	0	3,200	25,164	0	0
Truck	0	0	0	3,060	960	0	420	162	0	0
Bus/transit <sup>3</sup>	41,410	1,180	9,570	240	4,830	1,810	3,770	4,000	10,380	3,275
Taxi/limousine	18,320	0	770	21,590	0	0	0	0	0	430
Other <sup>4</sup>	1,350	0	10,340	15,420	770	0	142,680	2,210	0	0
<b>Total</b>	<b>124,910</b>	<b>16,160</b>	<b>45,960</b>	<b>67,250</b>	<b>33,890</b>	<b>43,440</b>	<b>158,350</b>	<b>36,249</b>	<b>41,758</b>	<b>10,125</b>

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

1 Includes support activities.

2 Includes marine sightseeing.

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

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

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

**Table EC18: Average Crude Oil Prices - Canadian and U.S. \$ per Barrel, 2012–2021**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Per cent change		
											2018/19	2019/20	2020/21
WTI (Cushing, Oklahoma) \$US/Bbl	94.19	97.98	93.00	48.80	43.32	50.95	64.77	57.02	39.40	67.91	(12.0)	(30.9)	72.4
WTI (Cushing, Oklahoma) \$CDN/Bbl	94.11	100.89	102.68	62.29	57.36	66.06	83.91	75.65	52.79	85.11	(9.8)	(30.2)	61.2
Brent (UK) \$US/Bbl	111.44	108.52	99.51	53.64	45.04	54.83	71.53	64.17	43.21	70.79	(10.3)	(32.7)	63.8
Brent (UK) \$CDN/Bbl	111.33	111.74	109.87	68.46	59.63	71.09	92.68	85.13	57.90	88.71	(8.1)	(32.0)	53.2
Western Canada Select \$CDN/Bbl	73.08	74.93	81.06	44.83	38.89	50.24	52.34	58.77	35.59	68.73	12.3	(39.4)	93.1
Hardisty (Bow River) \$CDN/Bbl	74.36	76.16	81.67	45.35	39.22	50.56	53.11	59.10	35.92	69.04	11.3	(39.2)	92.2
Exchange Rate \$US/\$CDn	1.00	0.97	0.91	0.78	0.76	0.77	0.77	0.75	0.75	0.80	(2.3)	(1.0)	6.9

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, 2012–2021**

(Cents per litre)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Regular Gasoline</b>										
St John's	132.6	129.9	131.4	109.6	114.5	125.2	127.1	134.1	106.9	146.4
Charlottetown	123.9	129.3	131.2	105.8	99.0	108.8	121.2	128.2	96.9	130.8
Halifax	131.4	131.2	131.1	105.9	99.1	108.4	119.0	118.2	92.5	129.0
Saint John	127.7	127.1	127.7	104.1	98.7	108.9	120.4	129.7	96.6	130.4
Montreal	136.9	137.9	137.5	115.7	108.0	119.0	131.9	128.0	106.4	136.8
Toronto	126.7	127.8	128.2	106.7	101.2	113.6	127.0	118.2	99.9	131.7
Winnipeg	117.9	120.5	117.5	97.1	92.5	97.7	113.1	120.0	93.8	125.9
Regina	122.2	120.1	120.7	100.4	92.0	98.8	114.4	117.7	97.0	127.4
Calgary	111.8	112.9	115.3	99.1	92.0	101.9	119.9	116.6	94.9	128.3
Vancouver	135.1	137.5	137.7	124.2	118.8	134.7	150.1	136.9	125.4	155.4
<b>Canada</b>	<b>127.5</b>	<b>128.1</b>	<b>128.3</b>	<b>108.8</b>	<b>102.8</b>	<b>114.6</b>	<b>128.8</b>	<b>123.1</b>	<b>103.1</b>	<b>135.0</b>
<b>Road Diesel</b>										
St John's	137.6	138.5	139.9	115.7	108.4	121.6	138.3	122.0	108.8	145.8
Charlottetown	127.2	137.7	141.2	114.0	103.1	113.8	132.2	114.8	102.7	133.5
Halifax	131.5	132.5	133.9	105.2	94.1	104.5	121.8	114.1	90.8	123.0
Saint John	134.2	135.5	137.2	111.1	101.9	112.5	129.3	118.1	102.1	131.5
Montreal	137.3	138.9	139.9	116.6	103.1	112.4	131.7	125.7	107.9	127.4
Toronto	125.2	125.8	130.7	107.8	93.8	107.9	125.6	117.4	100.8	126.9
Winnipeg	119.3	124.7	131.9	100.5	92.7	103.3	121.2	109.1	104.2	126.9
Regina	118.4	123.2	132.4	99.9	90.9	101.3	119.5	110.6	100.1	125.3
Calgary	113.6	118.5	127.7	99.6	90.5	106.0	126.2	105.7	98.6	123.8
Vancouver	138.6	141.9	145.7	122.1	111.9	121.0	139.7	149.2	114.5	145.8
<b>Canada</b>	<b>125.4</b>	<b>128.5</b>	<b>134.1</b>	<b>109.2</b>	<b>97.7</b>	<b>110.2</b>	<b>128.8</b>	<b>120.9</b>	<b>103.8</b>	<b>130.2</b>

Note:

Additional cities (not shown here) are included in the sample used to calculate the national average.

Source: Kalibrate Technologies Ltd

**Table EC20: Price of Other Transportation Fuels, 2012-2021**

(Cents per litre)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jet Fuel (Turbo) <sup>1</sup>	80.70	79.56	78.71	51.53	43.72	53.57	69.08	65.82	39.03	61.41
Aviation Gasoline <sup>2</sup>	116.35	119.27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marine Bunkers <sup>3</sup>	83.82	81.76	88.40	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rail Diesel (Proxy) <sup>4</sup>	86.20	86.02	85.87	61.19	51.30	60.88	75.67	71.99	48.24	72.40

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

<sup>1</sup> U.S. Gulf Coast spot price converted to Canadian dollars.

<sup>2</sup> Average U.S. retail price converted to Canadian dollars, to which the Canadian federal excise tax was added (11.5¢ per litre).

<sup>3</sup> New York Harbor Residential Fuel Oil 10 N Sulfur 1-P Spot Price CIP, converted to Canadian dollars, to which the Canadian federal excise tax of 6¢ per litre was added.

<sup>4</sup> FOB Spot Price of No. 2 Diesel Ultra Low Sulfur Spot Price in New York Harbor, converted to Canadian dollars, to which the Canadian federal excise tax of 6¢ per litre was added.

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

**Table EC21: Price and Output Indicators, Transport Industries, 2013-2020**

	Price Changes (Annual per cent change)							Output Changes (Annual per cent change)						
	2014/13 <sup>R</sup>	2015/14 <sup>R</sup>	2016/15 <sup>R</sup>	2017/16 <sup>R</sup>	2018/17	2019/18	2020/19	2014/13 <sup>R</sup>	2015/14 <sup>R</sup>	2016/15 <sup>R</sup>	2017/16 <sup>R</sup>	2018/17	2019/18	2020/19
<b>CN and CP</b>														
Agriculture	0.8	3.4	(1.8)	2.9	3.9	4.5	0.4	21.3	1.4	(2.8)	3.9	2.9	1.8	15.3
Other Bulk	5.6	2.6	0.8	2.1	5.5	4.5	(4.4)	(7.3)	(1.9)	2.3	0.1	1.0	-2.8	-1.7
Other Commodities	7.2	2.9	(0.2)	0.9	7.7	4.7	(3.8)	8.0	(2.3)	(9.1)	9.2	7.6	1.2	-8.7
Intermodal	2.9	(3.6)	0.2	0.9	(0.2)	4.3	(6.4)	4.5	3.1	(1.2)	9.5	8.3	-1.7	6.1
<b>Total Transportation Activities</b>	<b>4.5</b>	<b>1.1</b>	<b>(0.2)</b>	<b>1.5</b>	<b>4.1</b>	<b>4.5</b>	<b>(3.5)</b>	<b>6.2</b>	<b>(0.1)</b>	<b>(3.9)</b>	<b>6.6</b>	<b>6.1</b>	<b>-0.2</b>	<b>0.4</b>
<b>Airline Industry</b>														
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	3.1	3.0	7.0	7.1	9.9	11.7	5.7	2.1	2.2
Freight	(4.6)	1.1	(11.2)	(2.7)	16.2	(5.6)	(5.6)	9.0	(1.4)	13.0	24.6	7.2	-4.0	-3.9
<b>Total Transportation Activities</b>	<b>(0.4)</b>	<b>(3.4)</b>	<b>(7.0)</b>	<b>0.5</b>	<b>5.0</b>	<b>3.1</b>	<b>3.0</b>	<b>7.1</b>	<b>6.8</b>	<b>10.0</b>	<b>12.1</b>	<b>5.8</b>	<b>1.8</b>	<b>1.9</b>
<b>Business Carriers<sup>1</sup></b>														
Freight	4.1	1.1	(0.7)	1.3	4.5	3.9	3.9	6.3	(0.2)	(3.2)	7.5	6.4	-0.4	-0.4
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	3.1	3.0	7.0	7.1	9.9	11.7	5.7	2.1	2.2
<b>Total Transportation Activities</b>	<b>1.6</b>	<b>(1.6)</b>	<b>(4.6)</b>	<b>0.8</b>	<b>4.6</b>	<b>3.5</b>	<b>3.4</b>	<b>6.7</b>	<b>3.8</b>	<b>4.0</b>	<b>9.9</b>	<b>6.0</b>	<b>1.0</b>	<b>1.1</b>
<b>VIA Rail</b>														
Corridor	6.9	3.8	6.5	11.6	4.8	0.2	0.2	(1.4)	1.2	(0.8)	2.3	6.7	6.6	6.6
Long Haul	7.9	13.0	16.5	(4.3)	16.3	(3.2)	(3.2)	(5.1)	(4.2)	7.2	21.0	(16.8)	(0.1)	(0.1)
Remote-Regional	7.5	1.3	(10.9)	(0.7)	(0.2)	1.2	1.2	(29.9)	12.8	11.4	(26.5)	(26.0)	71.0	71.0
<b>Total Transportation Activities</b>	<b>7.1</b>	<b>5.6</b>	<b>8.2</b>	<b>7.4</b>	<b>7.3</b>	<b>(0.5)</b>	<b>(0.5)</b>	<b>(2.9)</b>	<b>0.3</b>	<b>1.1</b>	<b>6.0</b>	<b>0.4</b>	<b>5.7</b>	<b>5.7</b>
<b>Transit</b>														
Passenger	3.0	3.4	2.3	(1.4)	(1.7)	4.6	4.6	1.0	(0.5)	(1.3)	3.7	2.6	1.8	1.8
<b>Public Carriers</b>														
Total Transportation Activities	3.3	3.5	2.7	(0.8)	(1.0)	4.2	4.2	0.8	(0.5)	(1.2)	3.9	2.5	2.1	2.1
<b>All Carriers Listed Above</b>														
Total Transportation Activities	1.8	(1.0)	(3.7)	0.6	3.9	3.5	3.5	5.9	3.3	3.3	9.1	5.6	1.2	1.2
<b>Overall Economy</b>	<b>2.0</b>	<b>(0.9)</b>	<b>0.8</b>	<b>2.4</b>	<b>1.9</b>	<b>1.7</b>	<b>2.7</b>	<b>2.9</b>	<b>0.6</b>	<b>0.8</b>	<b>3.6</b>	<b>2.3</b>	<b>1.8</b>	<b>2.8</b>

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, 2013-2020**

	Productivity (Annual per cent change)							Unit Costs (Annual per cent change)						
	2014/13 <sup>R</sup>	2015/14 <sup>R</sup>	2016/15 <sup>R</sup>	2017/16 <sup>R</sup>	2018/17	2019/18	2020/19	2014/13 <sup>R</sup>	2015/14 <sup>R</sup>	2016/15 <sup>R</sup>	2017/16 <sup>R</sup>	2018/17	2019/18	2020/19
<b>CN and CP</b>														
Labour	(0.1)	3.6	6.4	3.2	(3.4)	(3.0)	2.4	(0.1)	(17.4)	(3.7)	(6.3)	5.4	17.2	(1.3)
Fuel	1.2	4.0	3.2	(0.9)	1.5	1.5	2.2	5.1	(29.5)	(14.2)	17.1	21.1	21.1	(7.1)
Capital	4.6	(6.2)	(5.9)	3.7	2.0	1.9	(7.3)	(4.2)	1.9	5.7	(3.5)	(11.5)	(11.6)	3.3
Total	0.3	(2.8)	5.6	(0.4)	(0.3)	(0.2)	(4.1)	1.5	(8.3)	(6.0)	2.9	2.7	9.1	3.4
<b>Airline Industry</b>														
Labour	10.2	4.5	5.5	2.1	(4.4)	(3.7)	(3.0)	(5.9)	(0.3)	(5.9)	(3.9)	4.2	5.4	3.7
Fuel	1.7	3.9	1.9	1.2	(4.0)	0.0	1.2	(0.9)	(28.2)	(19.6)	14.6	7.9	26.5	(5.5)
Capital	1.1	(1.6)	(6.4)	6.2	(3.6)	4.3	(22.3)	1.0	11.1	15.1	(4.2)	(9.1)	(17.0)	31.0
Total	2.0	1.0	0.3	3.1	(2.6)	1.7	(6.8)	(0.7)	(5.8)	(2.3)	(0.1)	1.9	1.5	7.5
<b>Business Carriers<sup>1</sup></b>														
Labour	4.9	4.1	5.9	2.6	(4.0)	(3.4)	(0.7)	(3.0)	(8.9)	(4.9)	(4.9)	4.7	10.2	1.6
Fuel	1.4	2.9	(0.0)	0.1	(2.1)	0.6	1.3	0.7	(28.5)	(18.3)	15.2	11.2	25.2	(5.9)
Capital	2.5	(3.4)	(6.2)	5.4	(1.8)	3.6	(18.1)	(1.2)	7.4	11.7	(4.0)	(9.9)	(15.5)	22.1
Total	1.4	(0.3)	2.0	2.0	(1.9)	1.1	(6.0)	0.1	(6.7)	(3.5)	0.8	2.2	3.7	6.2
<b>Via Rail</b>														
Labour	(4.7)	1.0	(5.5)	2.5	(3.3)	(3.1)	(1.3)	(4.1)	10.7	0.8	2.5	6.9	6.8	(0.4)
Fuel	0.5	(3.3)	(1.4)	(0.1)	(2.0)	(1.8)	5.4	2.1	2.2	(15.8)	9.4	(5.8)	(5.9)	3.2
Capital	(4.2)	(0.5)	5.0	8.4	1.9	1.3	6.2	4.2	14.3	1.6	(2.6)	(7.0)	2.0	5.7
Total	(2.7)	(7.9)	(10.8)	8.4	(0.3)	0.3	(5.7)	(0.1)	14.8	9.9	(3.8)	1.2	2.6	8.6
<b>Transit</b>														
Labour	(5.0)	1.6	(1.5)	9.8	5.5	(0.3)	1.4	3.6	6.3	0.7	(2.6)	(0.6)	1.0	11.5
Fuel	(1.8)	0.5	(0.4)	20.2	5.7	2.3	(6.6)	3.3	(8.0)	(10.4)	(1.4)	4.0	6.5	(0.5)
Capital	(7.9)	(11.8)	(8.3)	(5.5)	(6.2)	(8.1)	(5.3)	6.4	7.7	6.7	0.6	4.1	8.5	4.8
Total	(5.7)	(4.3)	(4.0)	4.6	0.6	(3.8)	(1.7)	4.9	5.9	1.8	(1.6)	1.3	4.2	8.3
<b>Total Transport</b>														
Business Carriers	1.4	(0.3)	2.0	2.0	(1.9)	1.1	(6.0)	0.1	(6.7)	(3.5)	0.8	2.2	3.7	6.2
Public Carriers	(5.5)	(4.5)	(4.4)	4.8	0.6	(3.5)	(1.9)	4.6	6.4	2.3	(1.8)	1.3	4.1	8.3
Total	(0.6)	(1.6)	0.0	2.9	(1.2)	(0.2)	(4.8)	1.4	(3.1)	(1.8)	0.1	1.9	3.8	6.8

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

1 CN and CP, and the airline industry.

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

**Table EC23: Cost Structure of Transport Industries, 2015-2020**

Variable	(Percentage of Total Costs)																	
	Business Carriers <sup>1</sup>						Public Carriers						Total Carriers					
	2015 <sup>K</sup>	2016 <sup>K</sup>	2017 <sup>K</sup>	2018	2019	2020	2015 <sup>K</sup>	2016 <sup>K</sup>	2017 <sup>K</sup>	2018	2019	2020	2015 <sup>K</sup>	2016 <sup>K</sup>	2017 <sup>K</sup>	2018	2019	2020
<b>Variable</b>	<b>78.7</b>	<b>75.5</b>	<b>76.6</b>	<b>79.4</b>	<b>78.8</b>	<b>75.2</b>	<b>70.8</b>	<b>69.6</b>	<b>68.9</b>	<b>68.1</b>	<b>70.0</b>	<b>69.2</b>	<b>76.3</b>	<b>73.7</b>	<b>74.3</b>	<b>76.0</b>	<b>77.2</b>	<b>73.5</b>
Labour	22.3	21.7	20.4	21.0	24.5	23.4	44.7	44.0	43.7	43.1	44.2	43.8	29.1	28.5	27.3	27.5	29.5	29.4
Fuel	19.8	17.0	19.4	21.1	23.2	20.5	5.9	5.1	5.2	5.3	4.9	4.9	15.6	13.4	15.2	16.4	17.5	16.0
Other	36.6	36.8	36.8	37.3	31.1	31.3	20.2	20.5	20.0	19.7	20.8	20.6	31.6	31.8	31.8	32.1	30.2	28.1
<b>Capital</b>	<b>21.3</b>	<b>24.5</b>	<b>23.4</b>	<b>20.6</b>	<b>21.2</b>	<b>24.8</b>	<b>29.2</b>	<b>30.4</b>	<b>31.1</b>	<b>31.9</b>	<b>30.0</b>	<b>30.8</b>	<b>23.7</b>	<b>26.3</b>	<b>25.7</b>	<b>24.0</b>	<b>22.8</b>	<b>26.5</b>

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, 2012-2020**

(millions of dollars)

	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>CN and CP – Canadian Operations</b>									
Operating Revenues	11,100	11,704	12,945	13,090	12,589	13,600	14,971	16,010	15,609
Operating Expenses	8,501	8,631	9,274	8,456	7,563	8,368	9,560	10,088	9,786
Operating Profit (Loss)	2,599	3,073	3,670	4,634	5,027	5,232	5,411	5,922	5,823
Operating Ratio <sup>1</sup>	76.6	73.7	71.6	64.6	60.1	61.5	64	63	63
<b>Regional Railways<sup>2</sup></b>									
Operating Revenues	355	385	379	327	257	250	289	330	279
Operating Expenses	251	251	235	260	254	263	266	368	199
Operating Profit (Loss)	104	134	143	67	3	(13)	22	(38)	80
Operating Ratio <sup>1</sup>	70.6	65.1	62.2	79.5	98.7	105.3	92	112	71
<b>Short Line Railways<sup>3</sup></b>									
Operating Revenues <sup>R</sup>	348	373	449	660	502	687	638	638	103
Operating Expenses <sup>R</sup>	313	326	422	552	473	593	580	556	167
Operating Profit (Loss) <sup>R</sup>	35	47	27	108	29	94	58	82	(64)
Operating Ratio <sup>1R</sup>	90.0	87.5	94.0	83.6	94.2	86.3	91	87	163
<b>Air Canada and Affiliates</b>									
Operating Revenues <sup>K</sup>	11,381	11,536	12,318	12,914	13,243	14,712	16,322	16,548	4,880
Operating Expenses <sup>K</sup>	10,813	10,782	11,319	11,245	11,884	13,163	14,807	15,016	4,391
Operating Profit (Loss) <sup>K</sup>	567	754	999	1,669	1,359	1,549	1,515	1,532	489
Operating Ratio <sup>1K</sup>	95.0	93.5	91.9	87.1	89.7	89.5	91	91	90
<b>WestJet</b>									
Operating Revenues	3,427	3,662	3,977	4,029	4,123	4,507	4,733	5,147	1,690
Operating Expenses	3,052	3,263	3,501	3,460	3,683	4,074	4,534	4,756	2,424
Operating Profit (Loss)	376	400	475	570	440	433	199	391	(734)
Operating Ratio <sup>1</sup>	89.0	89.1	88.0	85.9	89.3	90.4	96	92	143
<b>VIA Rail</b>									
Operating Revenues	264	258	265	281	307	349	375	394	81
Operating Subsidies	279	308	317	280	268	265	273	281	416
Operating Expense	583	599	567	659	741	756	785	906	728
Operating Ratio <sup>1</sup>	220.6	231.7	214.0	234.7	241.3	216.7	209	230	901
<b>Transit Industry</b>									
Operating Revenues <sup>R</sup>	3,893	4,107	4,240	4,385	4,439	4,579	4,803	5,150	2,507
Operating Subsidies <sup>R</sup>	3,593	3,843	4,044	4,405	4,469	5,119	5,039	5,861	8,163
Total Costs <sup>R</sup>	9,565	10,083	10,592	11,262	11,564	12,070	12,810	14,207	14,516
Cost Recovery Ratio <sup>4R</sup>	40.7	40.7	40.0	38.9	38.4	37.9	37	36	17

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. r

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

Table G1: Summary of Transportation Expenditures and Revenues by Level of Government, 2011/12 - 2020/21

(Millions of dollars)	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 <sup>1</sup>	2019/20 <sup>2</sup>	2020/21 <sup>3</sup>
<b>Transport Canada</b>										
Operating	873.6	753.9	826.5	923.4	942.5	795.6	895.4	923.5	974.2	1,062.1
Capital	69.2	58.2	75.6	124.1	119.2	89.6	97.6	105.6	132.6	248.4
Transfer payments	426.7	668.0	524.4	446.9	591.0	179.2	277.0	276.1	487.0	460.3
Gross expenditures	1,369.4	1,420.1	1,426.5	1,494.3	1,652.7	1,064.4	1,270.0	1,305.2	1,593.8	1,970.7
Licences and fees	4.8	4.0	3.9	3.0	1.5	1.3	1.4	1.5	2.6	1.2
User fees and other revenues	441.9	434.4	433.4	443.1	455.9	541.0	517.6	539.5	742.1	143.7
Total revenues	446.7	438.4	439.3	446.1	457.4	542.3	519.0	541.0	744.7	144.9
Expenditures net of revenues	922.7	981.7	989.2	1,048.3	1,195.3	722.1	751.1	764.2	849.1	1,825.8
<b>Other federal departments/agencies</b>										
Operating	2,068.1	2,090.9	2,316.2	2,382.5	2,963.0	3,092.5	2,793.0	3,216.8	3,478.4	3,448.3
Capital	347.7	334.2	308.3	418.8	962.1	1,040.2	1,732.9	1,862.7	2,742.5	1,322.9
Transfer payments	2,152.3	1,675.2	1,280.7	1,285.4	1,399.3	1,382.6	1,382.3	2,484.1	2,270.2	2,153.6
Gross expenditures	4,568.1	4,100.2	3,905.2	4,086.8	5,322.5	5,515.4	5,908.3	7,563.6	8,491.1	6,924.8
Fuel taxes	5,328.3	5,380.5	5,486.4	5,527.9	5,564.8	5,634.1	5,738.7	5,802.3	5,683.1	4,893.7
Sales taxes <sup>4</sup>	5,025.7	6,118.8	6,407.8	6,567.1	6,497.9	6,740.8	7,419.6	7,760.3	7,376.6	7,524.1
Licences and fees	0.0	0.0	0.0	0.0	30.3	28.0	32.8	27.5	30.2	19.7
User fees and other revenues	673.4	745.9	858.6	909.9	1,019.6	1,101.5	1,098.1	1,255.7	1,275.5	474.4
Total revenues	11,927.4	12,245.2	12,792.7	13,005.0	13,102.5	13,504.4	14,289.2	14,945.7	14,365.3	12,912.0
Expenditures net of revenues <sup>5</sup>	(7,358.3)	(8,145.0)	(8,847.5)	(8,518.2)	(7,780.1)	(7,989.0)	(8,380.9)	(7,282.1)	(5,874.2)	(5,987.2)
<b>Provinces and territories</b>										
Operating	4,669.5	6,499.3	5,029.2	9,233.7	7,957.0	7,174.4	8,146.4	6,573.9	7,076.1	9,430.4
Capital	8,042.9	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	9,884.3	9,580.2	10,926.5
Transfer payments	3,386.5	4,563.6	4,782.2	5,118.2	6,096.3	5,928.9	6,378.5	6,436.8	9,085.3	13,201.1
Gross expenditures	16,098.8	19,809.0	22,481.6	25,222.4	24,203.0	23,309.4	26,739.4	24,895.0	25,741.6	33,777.0
Federal transfers to provinces/territories <sup>4</sup>	(966.4)	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,152.4)	(3,566.3)	(3,377.0)	(4,332.6)
Expenditures net of transfers	15,132.4	18,743.0	21,752.7	21,368.1	21,612.7	20,722.9	23,587.0	21,328.7	22,364.6	29,444.4
Fuel taxes	8,610.2	8,639.9	9,138.0	9,157.7	9,700.9	10,166.7	10,297.5	10,341.2	10,316.8	8,202.2
Sales taxes	8,209.6	8,676.4	9,126.8	9,693.2	9,623.1	10,114.9	10,959.3	11,469.8	10,947.5	11,166.5
Licences and fees	3,331.0	3,570.5	3,968.8	4,227.3	4,567.4	4,866.0	5,339.0	5,006.6	5,667.3	5,265.4
User fees and other revenues	890.5	957.7	1,139.8	1,328.1	1,390.7	1,457.6	2,214.3	2,056.9	1,897.0	2,668.2
Total revenues	21,041.3	21,844.5	23,433.4	24,203.2	25,252.2	26,605.1	28,810.0	29,368.4	28,828.6	27,302.2
Expenditures net of revenues <sup>5</sup>	(5,908.9)	(3,101.5)	(1,680.6)	(2,435.1)	(1,639.4)	(5,882.2)	(5,223.0)	(8,039.7)	(6,464.0)	1,842.1
<b>Combined federal and provincial/territorial governments</b>										
Expenditures net of transfers	5,917.6	5,203.3	5,331.7	5,781.1	6,075.2	6,737.7	7,178.3	8,868.8	10,084.9	8,895.1
Federal government (gross expenditures)	15,132.4	18,743.0	21,752.7	21,368.1	21,612.7	20,722.9	23,587.0	21,328.7	22,364.6	29,444.4
Overall	21,070.0	24,263.4	27,086.4	27,549.2	28,587.9	27,502.7	30,765.3	30,197.5	32,449.5	38,639.9
<b>Revenues</b>										
Federal government revenues	12,374.1	12,683.6	13,192.0	13,451.1	13,559.9	14,046.7	14,808.2	15,386.7	15,110.0	13,056.9
Provincial/territorial government revenues	21,041.3	21,844.5	23,433.4	24,203.2	25,252.2	26,605.1	28,810.0	29,368.4	28,828.6	27,302.2
Overall	33,415.5	34,528.1	36,625.4	37,654.3	38,812.1	40,651.8	43,618.2	44,755.1	43,938.7	40,359.2
<b>Revenues (not including sales taxes)</b>										
Federal government revenues (not including sales taxes)	6,448.4	6,564.8	6,784.2	6,883.9	7,077.1	7,305.9	7,388.6	7,626.4	7,733.4	5,532.7
Provincial/territorial government revenues (not including sales taxes)	12,831.7	13,168.1	14,306.6	14,713.1	15,629.1	16,490.2	17,850.7	17,898.6	17,881.1	16,133.8
Overall	19,280.2	19,732.9	21,090.8	21,597.0	22,706.2	23,796.1	25,239.3	25,525.0	25,614.6	21,668.6

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. Sales Taxes are that last 10 fiscal years from Statistics Canada (Table: 36-10-0223-01 (formerly CANSIM 384-0041)). Data may be revised.  
 3. Brackets indicate revenues exceed expenditures.  
 4. Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).  
 5. Provided for comparison with past years' reports.

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

Table G2: Transportation Expenditures and Revenues by Mode and Level of Government, 2011/12 - 2020/21

(Millions of dollars)	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 <sup>1</sup>	2019/20 <sup>2</sup>	2020/21 <sup>3</sup>
<b>Federal Operating Expenditures, Capital Expenditures and Transfers<sup>1</sup></b>										
Air Mode	847.7	811.2	885.1	984.8	1,003.8	1,048.2	1,080.4	1,182.0	1,254.9	1,070.1
Marine Mode	1,235.7	1,279.5	1,329.5	1,267.2	2,044.2	1,972.1	2,058.1	2,918.9	2,728.3	2,563.0
Rail Mode	544.0	476.1	448.8	451.5	499.7	496.3	412.9	615.0	618.8	701.1
Road Mode	1,336.9	1,166.4	751.4	1,017.6	1,386.6	1,419.2	2,004.9	1,771.9	3,127.8	2,137.7
Transit	1,051.0	775.7	846.2	751.4	820.5	813.6	717.2	1,538.7	1,271.4	1,051.3
Other Modes	922.3	1,017.4	1,071.7	1,380.7	1,220.4	950.4	902.9	842.3	1,085.6	1,332.3
Sub-Total	5,937.6	5,520.3	5,333.7	5,781.1	6,792.2	6,779.7	7,178.3	8,866.8	10,084.9	8,895.5
<b>Provincial/Territorial Expenditures (before deducting federal transfers)</b>										
Air Mode	189.2	184.8	263.5	279.7	356.5	284.9	313.8	298.9	315.7	350.0
Marine Mode	487.4	496.2	479.8	544.3	568.3	524.9	627.6	1,076.7	797.9	1,109.2
Rail Mode	81.5	91.6	117.8	82.7	103.3	84.5	81.3	107.1	118.4	47.4
Road Mode	11,713.6	12,978.8	14,784.4	14,572.5	17,456.1	16,871.4	18,011.1	15,917.5	16,573.5	19,773.2
Transit	2,278.6	5,633.3	6,476.1	6,784.1	5,170.7	5,001.1	7,209.6	6,986.0	7,459.0	11,701.2
Other Modes	348.5	424.2	349.9	349.2	540.0	542.5	495.9	508.9	477.0	495.9
Sub-Total	16,998.8	19,809.0	22,481.6	22,622.4	24,203.0	23,909.4	26,799.4	24,895.0	25,741.6	33,477.0
<b>Provincial/Territorial Expenditures Net of Federal Transfers<sup>2</sup></b>										
Air Mode	185.4	164.8	237.7	261.5	343.0	279.7	297.9	295.1	303.7	336.8
Marine Mode	459.4	467.6	448.0	514.9	538.6	495.8	593.1	1,045.9	760.3	906.4
Rail Mode	77.5	84.2	108.6	85.2	90.5	84.5	80.3	107.1	118.4	47.4
Road Mode	11,857.2	11,974.8	14,147.8	13,829.6	16,665.1	15,982.3	16,997.0	14,838.0	15,145.0	18,686.5
Transit	2,205.3	5,633.3	6,459.7	6,727.7	5,170.7	5,001.1	7,209.6	6,972.6	7,459.0	11,701.2
Other Modes	347.6	418.3	349.9	349.2	540.0	542.5	495.9	508.9	477.0	495.9
Sub-Total	15,132.4	18,743.0	21,751.7	21,768.1	24,612.7	20,723.0	23,987.0	21,328.7	22,364.6	29,144.4
<b>Total Expenses: (Gross) Federal plus (Net) Provincial/Territorial Government Levels</b>										
Air Mode	1,033.0	976.0	1,122.8	1,246.3	1,346.8	1,328.0	1,378.4	1,477.1	1,558.6	1,406.9
Marine Mode	1,695.1	1,747.1	1,778.5	1,782.1	2,582.8	2,467.9	2,651.2	3,964.8	3,488.5	3,469.4
Rail Mode	625.5	554.5	557.4	538.7	593.3	490.8	493.1	722.1	735.3	748.5
Road Mode	13,194.1	13,141.2	14,900.2	14,847.2	18,051.7	17,601.6	19,003.9	16,609.9	18,272.9	20,844.2
Transit	3,256.3	6,409.0	7,305.9	7,479.0	4,247.9	4,151.6	5,839.9	6,072.6	6,831.7	9,722.5
Other Modes	1,269.9	1,435.7	1,421.6	1,674.9	1,768.4	1,472.9	1,398.8	1,351.2	1,502.6	1,848.2
Sub-Total	21,070.0	24,263.4	27,086.4	27,549.2	28,587.9	27,502.7	30,765.3	30,197.5	32,449.5	38,039.9
<b>Federal Revenues</b>										
Air Mode	1,193.9	1,215.2	1,307.2	1,309.2	1,338.3	1,465.9	1,538.4	1,669.3	1,573.7	377.8
Marine Mode	84.1	142.0	158.4	142.2	217.5	218.7	184.9	320.2	502.1	333.7
Rail Mode	31.2	31.3	31.1	31.8	31.1	36.0	42.0	43.7	46.9	54.1
Road Mode	9,856.6	10,087.3	10,431.6	10,619.6	10,609.4	10,994.4	11,656.4	11,930.5	11,531.8	10,947.7
Transit	44.7	46.3	48.1	48.7	47.5	46.8	46.4	43.8	33.0	33.5
Other Modes	1,140.7	1,140.6	1,211.6	1,297.4	1,312.2	1,244.8	1,340.0	1,379.3	1,372.7	1,303.0
Sub-Total	12,374.1	12,683.6	13,192.0	13,451.1	13,559.9	14,046.7	14,808.2	15,386.7	15,110.0	13,056.9
<b>Provincial/Territorial Revenues<sup>3</sup></b>										
Air Mode	111.0	115.7	119.9	124.1	133.7	141.0	164.5	175.9	154.0	139.9
Marine Mode	0.0	0.0	0.0	20.8	22.3	25.2	53.9	62.3	50.0	33.9
Rail Mode	23.0	23.3	31.8	31.8	32.6	33.8	36.6	39.7	39.2	35.4
Road Mode <sup>4</sup>	19,864.1	20,626.2	22,036.3	22,760.9	23,838.9	25,199.0	26,674.7	27,319.5	27,006.6	24,647.4
Transit	943.9	977.3	1,144.6	1,168.8	1,075.2	1,029.8	1,289.9	1,285.6	1,201.0	853.1
Other Modes	98.9	102.0	100.7	100.9	149.5	176.4	200.4	485.4	300.8	179.2
Sub-Total	21,041.3	21,844.5	23,433.4	24,203.2	25,252.2	26,605.1	28,110.0	29,368.4	28,828.6	27,302.3
<b>Total Revenues: Federal plus Provincial/Territorial Government Levels</b>										
Air Mode	1,304.9	1,330.9	1,427.1	1,433.3	1,472.0	1,606.9	1,702.9	1,845.2	1,727.7	517.8
Marine Mode	84.1	142.0	158.4	163.0	239.8	243.9	238.8	382.5	602.1	367.6
Rail Mode	55.1	55.6	67.0	65.6	67.7	69.8	78.6	83.3	82.9	89.5
Road Mode <sup>4</sup>	29,720.8	30,711.5	32,467.9	33,380.5	34,448.2	36,193.4	38,331.1	39,240.0	38,538.4	35,602.1
Transit	988.0	1,023.6	1,292.6	1,215.5	1,122.7	1,076.6	1,336.4	1,329.4	1,234.0	686.6
Other Modes	1,262.7	1,262.6	1,312.3	1,398.3	1,461.7	1,421.2	1,390.4	1,864.7	1,753.7	3,095.6
Sub-Total	33,415.5	34,528.1	36,625.4	37,654.3	38,812.1	40,651.8	43,618.2	44,755.1	43,938.7	40,359.2

1. Tax expenditures are also included.

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

3. Sales Taxes are that last 10 fiscal years from Statistics Canada (Table 36-10-0225-01, formerly CANM34 0041). Data may be revised.

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

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

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2011/12 - 2020/21

(Millions of dollars)	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19R	2019/20R	2020/21R
<b>AIR MODE</b>										
<b>Transport Canada2</b>										
Operating	272.6	238.7	238.0	256.4	242.1	219.1	241.8	246.9	261.5	259.6
Capital	5.0	3.8	4.4	7.8	11.2	5.0	11.7	9.9	15.6	6.7
Transfer payments	31.8	31.3	13.0	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Gross expenditures	309.4	273.8	255.5	264.4	253.4	224.2	253.8	256.9	277.3	266.4
<b>Transportation Safety Board3</b>										
Operating	14.4	13.7	14.7	15.0	13.1	12.9	0.0	0.0	0.0	0.0
Gross expenditures	14.4	13.7	14.7	15.0	13.1	12.9	0.0	0.0	0.0	0.0
<b>Canadian Air Transport Security Authority</b>										
Operating	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3
Gross expenditures	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3
<b>Infrastructure Canada</b>										
Transfer payments	6.9	0.3	0.0	0.9	1.3	6.9	6.0	3.3	6.6	7.4
Gross expenditures	6.9	0.3	0.0	0.9	1.3	6.9	6.0	3.3	6.6	7.4
<b>Environment and Climate Change Canada</b>										
Capital	0.0	0.0	0.0	0.6	4.7	3.1	0.0	8.0	12.0	10.5
Gross expenditures	0.0	0.0	0.0	0.6	4.7	3.1	0.0	8.0	12.0	10.5
<b>Public Services and Procurement Canada</b>										
Operating	0.0	9.2	1.0	16.9	11.6	12.8	21.1	21.4	37.5	33.9
Gross expenditures	0.0	9.2	1.0	16.9	11.6	12.8	21.1	21.4	37.5	33.9
<b>Atlantic Canada Opportunities Agency</b>										
Transfer payments	0.3	0.2	0.1	1.0	2.2	1.3	0.1	0.3	0.3	0.2
Gross expenditures	0.3	0.2	0.1	1.0	2.2	1.3	0.1	0.3	0.3	0.2
<b>Economic Development Agency of Canada for the Regions of Quebec</b>										
Transfer payments	1.0	0.0	2.6	0.0	2.3	1.8	4.0	0.2	0.0	2.0
Gross expenditures	1.0	0.0	2.6	0.0	2.3	1.8	4.0	0.2	0.0	2.0
<b>FedDev Ontario (federal economic development agency for Southern Ontario)</b>										
Transfer payments	0.0	0.0	0.8	0.8	1.9	3.2	4.8	9.0	5.7	5.9
Gross expenditures	0.0	0.0	0.8	0.8	1.9	3.2	4.8	9.0	5.7	5.9
<b>FedNor (federal economic development agency for Northern Ontario)</b>										
Transfer payments	0.5	0.6	1.2	1.3	1.0	0.4	0.4	0.9	1.0	0.3
Gross expenditures	0.5	0.6	1.2	1.3	1.0	0.4	0.4	0.9	1.0	0.3
<b>Western Economic Diversification</b>										
Transfer payments	0.2	0.0	0.4	0.1	0.0	0.9	8.7	8.4	11.0	5.2
Gross expenditures	0.2	0.0	0.4	0.1	0.0	0.9	8.7	8.4	11.0	5.2
<b>Canadian Northern Economic Development Agency</b>										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
<b>Statistics Canada</b>										
Operating	0.0	0.0	1.4	1.8	1.9	1.7	2.4	2.0	2.6	2.5
Gross expenditures	0.0	0.0	1.4	1.8	1.9	1.7	2.4	2.0	2.6	2.5
<b>National Research Council Canada</b>										
Operating	0.0	0.0	19.4	24.9	22.5	16.8	20.0	17.8	20.1	14.2
Capital	0.0	0.0	8.0	8.3	7.4	10.7	9.2	7.4	5.2	3.7
Transfer payments	0.0	0.0	0.1	0.4	0.8	0.3	0.1	0.0	0.2	0.7
Gross expenditures	0.0	0.0	27.5	33.7	30.7	27.8	29.3	25.2	25.4	18.6
<b>Natural Sciences and Engineering Research Council</b>										
Transfer payments	0.0	0.0	20.8	24.4	22.8	25.8	26.4	28.2	27.6	30.9
Gross expenditures	0.0	0.0	20.8	24.4	22.8	25.8	26.4	28.2	27.6	30.9
<b>Total (federal government departments and agencies)</b>										
Operating	802.1	775.0	833.6	938.9	948.0	988.7	1,008.8	1,105.9	1,169.6	996.5
Capital	5.0	3.8	12.5	16.7	23.3	18.8	20.9	25.3	32.8	20.8
Transfer payments	40.6	32.4	39.1	29.1	32.5	40.8	50.8	50.7	52.5	52.7
Gross expenditures	847.7	811.2	885.1	984.8	1,003.8	1,048.2	1,080.4	1,182.0	1,254.9	1,070.1

MARINE MODE										
Transport Canada										
Operating	104.3	97.3	96.3	112.4	102.2	89.5	122.4	148.5	150.9	164.2
Capital	2.1	1.2	2.7	3.7	5.9	6.0	6.2	5.1	16.7	4.6
Transfer payments	1.8	0.7	0.5	5.1	9.4	12.6	4.4	8.8	23.8	19.9
Gross expenditures	108.2	99.2	99.5	121.2	117.6	108.1	133.0	162.4	191.4	188.7
Canadian Transportation Agency										
Transportation Safety Board										
Operating	4.6	5.8	5.5	4.9	5.2	5.0	0.0	0.0	0.0	0.0
Gross expenditures	4.6	5.8	5.5	4.9	5.2	5.0	0.0	0.0	0.0	0.0
Marine Atlantic										
Operating	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6
Gross expenditures	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6
Infrastructure Canada										
Transfer payments	20.8	4.5	1.0	1.7	4.1	15.1	18.3	56.3	45.9	55.7
Gross expenditures	20.8	4.5	1.0	1.7	4.1	15.1	18.3	56.3	45.9	55.7
Canadian Coast Guard										
Operating	539.4	562.4	620.0	529.9	652.3	700.5	782.7	869.6	978.6	957.7
Capital	187.8	219.2	200.6	241.9	450.3	423.3	483.5	1,046.4	460.1	515.0
Transfer payments	11.5	10.5	5.1	5.1	5.6	5.6	8.2	11.2	13.9	14.6
Gross expenditures	738.7	792.1	825.7	776.9	1,108.2	1,129.5	1,274.4	1,927.3	1,452.6	1,487.3
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	102.5	67.4	61.7	63.7	50.2	56.8	50.8	68.3	97.1	72.3
Capital	51.9	40.8	32.0	37.5	165.4	234.9	156.9	96.0	124.4	87.1
Transfer payments	9.2	7.1	5.0	3.2	2.3	4.5	3.4	4.0	9.2	2.8
Gross expenditures	163.6	115.3	98.7	104.5	217.9	296.2	211.1	168.3	230.8	162.2
Parks Canada Agency										
Operating	6.4	8.2	13.3	32.2	32.8	30.5	32.1	37.6	34.8	39.3
Capital	6.1	1.2	10.2	20.9	54.1	92.0	126.5	194.1	286.8	220.9
Gross expenditures	12.5	9.3	23.5	53.1	86.9	122.5	158.6	231.7	321.6	260.2
Public Services and Procurement Canada										
Operating	0.0	60.1	99.6	59.8	135.2	177.2	98.9	229.0	339.6	254.1
Capital	0.0	1.3	0.3	0.5	0.3	0.6	2.0	0.0	2.3	0.1
Gross expenditures	0.0	61.4	99.9	60.3	135.5	177.8	100.9	229.0	341.9	254.2
Atlantic Canada Opportunities Agency										
Transfer payments	1.2	1.0	2.5	4.8	5.1	8.5	2.9	9.0	5.8	2.3
Gross expenditures	1.2	1.0	2.5	4.8	5.1	8.5	2.9	9.0	5.8	2.3
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	2.2	3.9	4.6	0.1	0.1	1.0	1.1	0.0	0.0	0.0
Gross expenditures	2.2	3.9	4.6	0.1	0.1	1.0	1.1	0.0	0.0	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	2.4	0.1	0.0	0.1	0.2	0.0	0.0	0.0
Gross expenditures	0.0	0.0	2.4	0.1	0.0	0.1	0.2	0.0	0.0	0.0
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	0.6	0.6	0.5	2.4	0.6	0.0	0.6	0.8	1.6
Gross expenditures	0.0	0.6	0.6	0.5	2.4	0.6	0.0	0.6	0.8	1.6
Western Economic Diversification										
Transfer payments	0.6	1.3	5.5	5.3	3.9	1.7	2.4	1.1	3.1	5.5
Gross expenditures	0.6	1.3	5.5	5.3	3.9	1.7	2.4	1.1	3.1	5.5
Canadian Northern Economic Development Agency										
Transfer payments	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.1	0.0	0.0	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	0.4	0.5	0.1	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.1	0.0	0.0
National Research Council Canada										
Operating	0.0	0.0	5.3	5.8	5.7	6.1	7.7	6.0	2.8	2.7
Capital	0.0	0.0	0.2	0.2	0.3	0.3	0.1	0.2	0.1	0.1
Transfer payments	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.2	0.0	0.9
Gross expenditures	0.0	0.0	5.6	6.2	6.3	6.4	7.9	6.3	3.0	3.7
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.1	0.1	0.1	0.1	0.1	1.0	0.6	1.0
Gross expenditures	0.0	0.0	0.1	0.1	0.1	0.1	0.1	1.0	0.6	1.0
Total (federal government departments and agencies)										
Operating	940.4	986.1	1,056.0	936.3	1,334.4	1,164.9	1,241.8	1,485.1	1,734.7	1,631.0
Capital	248.0	263.8	246.0	304.7	676.3	757.1	775.3	1,341.7	890.3	827.7
Transfer payments	47.3	29.6	27.5	26.3	33.4	50.0	41.0	92.1	103.2	104.3
Gross expenditures	1,235.7	1,279.5	1,329.5	1,267.2	2,044.2	1,972.1	2,058.1	2,918.9	2,728.3	2,563.0

RAIL MODE										
Transport Canada										
Operating	21.2	20.7	21.7	25.4	100.3	22.3	29.0	26.8	63.8	28.8
Capital	2.6	1.3	0.4	1.3	1.1	1.1	1.2	1.1	1.9	0.0
Transfer payments	9.0	12.4	7.4	8.8	9.3	9.7	16.3	18.4	18.1	14.5
Gross expenditures	32.8	34.4	29.5	35.5	110.8	33.1	46.4	46.3	83.7	43.3
Transportation Safety Board										
Operating	5.1	4.7	6.9	6.1	5.7	5.8	0.0	0.0	0.0	0.0
Gross expenditures	5.1	4.7	6.9	6.1	5.7	5.8	0.0	0.0	0.0	0.0
VIA Rail Canada										
Operating	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6
Gross expenditures	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6
Infrastructure Canada										
Transfer payments	9.2	10.1	3.6	0.0	11.6	0.1	0.0	0.0	0.0	0.0
Gross expenditures	9.2	10.1	3.6	0.0	11.6	0.1	0.0	0.0	0.0	0.0
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	2.5	0.9	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1
Gross expenditures	2.5	0.9	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.3	0.0	1.8	2.1	2.9	3.3	0.0	0.0
Gross expenditures	0.0	0.0	0.3	0.0	1.8	2.1	2.9	3.3	0.0	0.0
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Western Economic Diversification										
Transfer payments	0.5	0.1	0.2	0.0	0.0	0.8	0.5	64.1	20.3	0.1
Gross expenditures	0.5	0.1	0.2	0.0	0.0	0.8	0.5	64.1	20.3	0.1
Statistics Canada										
Operating	0.0	0.0	0.2	0.2	0.4	0.4	0.3	0.5	0.4	0.3
Gross expenditures	0.0	0.0	0.2	0.2	0.4	0.4	0.3	0.5	0.4	0.3
National Research Council Canada										
Operating	0.0	0.0	1.8	2.6	3.2	4.3	4.2	3.1	4.3	3.7
Gross expenditures	0.0	0.0	1.8	2.6	3.2	4.3	4.2	3.1	4.3	3.7
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.7	0.8	0.6	1.1	1.0	1.3	1.4	1.9
Gross expenditures	0.0	0.0	0.7	0.8	0.6	1.1	1.0	1.3	1.4	1.9
Total (federal government departments and agencies)										
Operating	520.1	445.4	436.2	440.6	475.2	381.2	391.0	526.7	574.9	684.5
Capital	2.6	1.3	0.4	1.3	1.1	1.1	1.2	1.1	1.9	0.0
Transfer payments	21.3	23.4	12.3	9.6	23.4	14.0	20.6	87.2	40.1	16.6
Gross expenditures	544.0	470.1	448.8	451.5	499.7	396.3	412.9	615.0	616.8	701.1

ROAD MODE										
Transport Canada										
Operating	22.5	19.6	21.4	21.2	19.6	20.1	21.5	47.8	67.4	51.8
Capital	1.9	2.8	4.6	3.7	2.5	2.4	1.2	1.7	3.0	2.6
Transfer payments	4.7	4.4	4.4	4.4	3.0	3.5	3.3	53.1	0.0	191.4
Gross expenditures	29.0	26.9	30.5	29.4	25.2	26.0	26.0	102.6	70.4	245.8
Department of Finance Canada										
Transfer payments	10.1	10.1	10.1	21.3	25.1	25.1	26.3	31.1	39.3	56.4
Gross expenditures	10.1	10.1	10.1	21.3	25.1	25.1	26.3	31.1	39.3	56.4
Infrastructure Canada										
Operating	0.0	0.0	0.0	25.8	19.4	8.5	72.8	9.6	28.0	69.9
Capital	0.0	0.0	0.0	14.9	46.9	19.7	568.1	109.1	1,204.9	20.1
Transfer payments	915.8	749.0	247.0	298.9	296.3	248.7	292.6	496.2	587.3	709.5
Gross expenditures	915.8	749.0	247.0	339.6	362.6	276.9	933.5	614.8	1,820.2	799.6
Federal Bridge Corporation										
Operating	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1
Gross expenditures	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1
The Jacques Cartier and Champlain Bridges										
Operating	97.3	109.1	151.6	245.0	247.3	284.3	133.0	116.4	106.7	169.5
Capital	0.0	0.0	0.0	0.0	0.0	0.0	46.3	50.4	48.9	62.6
Gross expenditures	97.3	109.1	151.6	245.0	247.3	284.3	179.2	166.8	155.6	232.1
Windsor-Detroit Bridge Authority										
Operating	0.0	0.0	0.0	8.1	138.5	334.5	64.0	146.0	126.2	121.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	120.0	184.5	441.3	319.6
Gross expenditures	0.0	0.0	0.0	8.1	138.5	334.5	184.0	330.5	567.6	440.7
Natural Resources Canada										
Operating	0.0	0.0	0.0	7.8	9.8	10.8	10.4	12.8	12.8	0.0
Capital	0.0	0.0	0.0	0.0	2.4	4.4	1.8	1.8	1.8	0.0
Transfer payments	0.0	0.0	0.0	6.2	4.4	6.6	34.0	22.8	22.8	0.0
Gross expenditures	0.0	0.0	0.0	14.0	16.6	21.8	46.2	37.4	37.4	0.0
Indigenous and Northern Affairs Canada7										
Operating	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2	1.6	1.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.7	2.9	0.3
Transfer payments	107.2	96.9	81.2	112.9	119.5	154.5	175.6	139.8	128.6	113.0
Gross expenditures	107.5	97.0	81.2	113.0	119.6	154.5	176.6	142.7	133.1	115.0
National Capital Commission										
Operating	1.4	2.0	5.0	3.9	4.7	0.0	0.0	0.0	0.7	0.1
Capital	0.8	1.0	0.0	0.0	0.0	5.6	4.7	6.9	26.3	17.7
Gross expenditures	2.2	3.0	5.0	3.9	4.7	5.6	4.7	6.9	26.9	17.8
Parks Canada Agency										
Operating	29.1	33.0	51.2	28.0	26.1	32.3	31.5	41.0	29.8	28.3
Capital	53.5	41.9	34.7	69.0	188.8	201.0	209.9	147.3	121.0	61.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.2
Gross expenditures	82.7	74.9	85.9	97.0	214.9	233.3	241.5	188.6	150.8	89.8
Public Services and Procurement Canada										
Operating	30.3	48.5	51.0	56.4	102.8	98.1	97.8	76.6	51.7	67.6
Capital	25.4	27.0	14.7	16.4	35.2	36.0	0.0	0.0	0.0	0.0
Gross expenditures	55.6	75.5	65.7	72.8	138.0	134.1	97.8	76.6	51.7	67.6
PPP Canada										
Capital	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Transfer payments	0.1	0.1	1.6	2.4	4.3	3.3	0.5	0.0	0.1	0.0
Gross expenditures	0.1	0.1	1.6	2.4	4.3	3.3	0.5	0.0	0.1	0.0
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	0.0	0.0	0.0	2.9	1.4	0.5	1.3	0.0	0.1	2.9
Gross expenditures	0.0	0.0	0.0	2.9	1.4	0.5	1.3	0.0	0.1	2.9
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	4.9	0.0	17.1	15.2	8.7	11.9	8.3	5.8
Gross expenditures	0.0	0.0	4.9	0.0	17.1	15.2	8.7	11.9	8.3	5.8
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.2	0.3	0.1	0.3	0.2	0.8	0.5	0.2	0.4	0.7
Gross expenditures	0.2	0.3	0.1	0.3	0.2	0.8	0.5	0.2	0.4	0.7
Western Economic Diversification										
Transfer payments	0.0	0.0	0.0	0.2	0.1	0.3	3.5	1.8	11.2	26.1
Gross expenditures	0.0	0.0	0.0	0.2	0.1	0.3	3.5	1.8	11.2	26.1
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Transfer payments	0.3	0.6	0.6	1.0	0.3	1.8	0.6	0.5	1.6	0.0
Gross expenditures	0.3	0.6	0.6	1.0	0.3	1.8	0.7	0.6	1.8	0.0
Statistics Canada										
Operating	0.0	0.0	1.6	2.0	1.9	1.5	2.4	2.5	2.1	2.6
Gross expenditures	0.0	0.0	1.6	2.0	1.9	1.5	2.4	2.5	2.1	2.6
National Research Council Canada										
Operating	0.0	0.0	20.2	19.8	19.2	20.9	21.9	17.8	16.1	14.0
Capital	0.0	0.0	4.5	7.3	5.7	7.3	2.5	4.6	3.7	3.7
Transfer payments	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.7	0.4	0.2
Gross expenditures	0.0	0.0	24.9	27.3	25.1	28.3	24.4	23.0	20.2	18.0
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	28.5	29.6	23.6	29.8	28.9	30.6	30.9	30.8
Gross expenditures	0.0	0.0	28.5	29.6	23.6	29.8	28.9	30.6	30.9	30.8
Total (federal government departments and agencies)										
Operating	194.9	230.5	315.3	426.0	609.5	852.8	475.4	474.1	443.1	532.6
Capital	103.7	74.4	58.6	111.3	281.5	276.5	955.4	509.0	1,853.9	487.9
Transfer payments	1,038.3	861.5	378.6	480.3	495.6	490.0	576.0	788.8	830.9	1,137.2
Gross expenditures	1,336.9	1,166.4	752.4	1,017.6	1,386.6	1,619.2	2,006.9	1,771.9	3,127.9	2,157.7

TRANSIT

Department of Finance Canada										
Transfer payments	332.5	345.0	362.5	373.8	386.3	371.3	288.8	212.5	198.8	146.3
Gross expenditures	332.5	345.0	362.5	373.8	386.3	371.3	288.8	212.5	198.8	146.3
Infrastructure Canada										
Transfer payments	718.5	430.7	482.3	376.7	433.3	440.7	426.0	1,322.4	1,068.5	897.4
Gross expenditures	718.5	430.7	482.3	376.7	433.3	440.7	426.0	1,322.4	1,068.5	897.4
Natural Resources Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0	1.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0	1.0	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Economic Diversification										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.6
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.6
Canadian Northern Economic Development Agency										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Statistics Canada										
Operating	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.4
Gross expenditures	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.4
National Research Council Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Natural Sciences and Engineering Research Council										
Transfer payments	0.0	0.0	0.6	0.4	0.4	1.1	0.8	1.6	2.6	2.6
Gross expenditures	0.0	0.0	0.6	0.4	0.4	1.1	0.8	1.6	2.6	2.6
Total (federal government departments and agencies)										
Operating	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.4
Transfer payments	1,051.0	775.7	845.7	750.8	820.0	813.1	716.8	1,538.2	1,270.9	1,050.9
Gross expenditures	1,051.0	775.7	846.2	751.4	820.5	813.6	717.2	1,538.7	1,271.4	1,051.3
OTHER MODES										
Transport Canada										
Operating	453.1	377.6	449.0	508.0	478.3	444.6	480.7	453.5	430.6	557.7
Capital	57.5	49.0	63.5	107.6	98.4	75.1	77.3	87.9	95.4	234.5
Transfer payments	379.4	559.2	501.0	628.3	569.0	353.2	252.8	195.7	445.0	434.3
Gross expenditures	890.0	985.8	1,013.6	1,243.9	1,145.8	872.9	810.8	737.1	971.0	1,226.5
Canadian Transportation Agency										
Operating	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4
Gross expenditures	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4
Transportation Appeal Tribunal of Canada										
Operating	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4
Gross expenditures	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4
Transportation Safety Board										
Operating	0.0	0.0	0.0	0.0	5.7	6.0	32.4	32.1	35.7	36.4
Gross expenditures	0.0	0.0	0.0	0.0	5.7	6.0	32.4	32.1	35.7	36.4
Infrastructure Canada										
Transfer payments	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environment and Climate Change Canada										
Operating	0.0	0.0	19.2	23.2	23.0	19.4	25.2	25.2	24.9	26.3
Capital	0.0	0.0	2.9	1.3	0.6	1.3	0.5	3.3	0.8	0.3
Transfer payments	0.0	0.0	0.6	0.5	0.5	0.2	0.4	0.3	0.2	0.2
Gross expenditures	0.0	0.0	22.7	25.0	24.1	20.9	26.1	28.8	25.9	26.8
Indigenous and Northern Affairs Canada										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
Public Services and Procurement Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.4	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.4	0.0	0.0
Atlantic Canada Opportunities Agency										
Transfer payments	0.6	0.5	0.1	0.1	2.3	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.6	0.5	0.1	0.1	2.3	0.0	0.0	0.0	0.0	0.0
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	1.9	6.3	11.6	0.0	0.0	1.6	7.3	4.1
Gross expenditures	0.0	0.0	1.9	6.3	11.6	0.0	0.0	1.6	7.3	4.1
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.4	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.4	0.1
Western Economic Diversification										
Transfer payments	0.5	0.8	0.3	0.9	0.1	0.0	0.6	5.3	5.1	13.3
Gross expenditures	0.5	0.8	0.3	0.9	0.1	0.0	0.6	5.3	5.1	13.3
Statistics Canada										
Operating	0.0	0.0	0.5	0.6	0.3	0.1	0.5	0.7	(0.0)	0.0
Gross expenditures	0.0	0.0	0.5	0.6	0.3	0.1	0.5	0.7	(0.0)	0.0
National Research Council Canada										
Transfer payments	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1
Gross expenditures	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2
Gross expenditures	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2
Total (federal government departments and agencies)										
Operating	484.2	407.9	501.2	563.5	537.8	500.1	571.0	548.0	529.7	665.3
Capital	57.5	49.0	66.4	108.9	99.0	76.4	77.8	91.2	96.2	234.8
Transfer payments	380.5	560.5	504.0	636.2	583.5	353.9	254.1	203.1	459.6	452.1
Gross expenditures	922.3	1,017.4	1,071.7	1,308.7	1,220.4	930.4	902.9	842.3	1,085.6	1,352.3

TOTAL (ALL MODES)										
Transport Canada <sup>2</sup>										
Operating	873.6	753.9	826.5	923.4	942.5	795.6	895.4	923.5	974.2	1,062.1
Capital	69.2	58.2	75.6	124.1	119.2	89.6	97.6	105.6	132.6	248.4
Transfer payments	426.7	608.0	526.4	646.9	591.0	379.2	277.0	276.1	487.0	660.3
Gross expenditures	1,369.4	1,420.1	1,428.5	1,694.3	1,652.7	1,264.4	1,270.0	1,305.2	1,593.8	1,970.7
Canadian Transportation Agency										
Operating	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4
Gross expenditures	29.3	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4
Transportation Appeal Tribunal of Canada <sup>4</sup>										
Operating	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4
Gross expenditures	1.9	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4
Transportation Safety Board <sup>3</sup>										
Operating	24.2	24.2	27.0	26.1	29.7	29.7	32.4	32.1	35.7	36.4
Gross expenditures	24.2	24.2	27.0	26.1	29.7	29.7	32.4	32.1	35.7	36.4
Department of Finance Canada <sup>5</sup>										
Transfer payments	342.6	355.1	372.6	395.0	411.3	396.3	315.1	243.6	238.1	202.6
Gross expenditures	342.6	355.1	372.6	395.0	411.3	396.3	315.1	243.6	238.1	202.6
Canadian Air Transport Security Authority										
Operating	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3
Gross expenditures	515.0	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3
Marine Atlantic										
Operating	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6
Gross expenditures	183.3	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6
VIA Rail Canada										
Operating	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6
Gross expenditures	493.8	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6
Infrastructure Canada										
Operating	0.0	0.0	0.0	25.8	19.4	8.5	72.8	9.6	28.0	69.9
Capital	0.0	0.0	0.0	14.9	46.9	19.7	568.1	109.1	1,204.9	20.1
Transfer payments	1,671.1	1,194.7	733.9	678.2	746.6	711.6	742.9	1,878.2	1,708.3	1,670.1
Gross expenditures	1,671.1	1,194.7	733.9	718.9	812.9	739.8	1,383.8	1,996.8	2,941.2	1,760.1
Federal Bridge Corporation										
Operating	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1
Gross expenditures	14.0	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1
The Jacques Cartier and Champlain Bridges										
Operating	97.3	109.1	151.6	245.0	247.3	284.3	133.0	116.4	106.7	169.5
Capital	0.0	0.0	0.0	0.0	0.0	0.0	46.3	50.4	48.9	52.6
Gross expenditures	97.3	109.1	151.6	245.0	247.3	284.3	179.2	166.8	155.6	232.1
Windsor-Detroit Bridge Authority <sup>6</sup>										
Operating	0.0	0.0	0.0	8.1	138.5	334.5	64.0	146.0	126.2	121.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	120.0	184.5	441.3	319.6
Gross expenditures	0.0	0.0	0.0	8.1	138.5	334.5	184.0	330.5	567.6	440.7
Canadian Coast Guard <sup>7</sup>										
Operating	539.4	562.4	620.0	529.9	652.3	700.5	782.7	869.6	978.6	957.7
Capital	187.8	219.2	200.6	241.9	450.3	423.3	483.5	1,046.4	460.1	515.0
Transfer payments	11.5	10.5	5.1	5.1	5.6	5.6	8.2	11.2	13.9	14.6
Gross expenditures	738.7	792.1	825.7	776.9	1,108.2	1,129.5	1,274.4	1,927.3	1,452.6	1,487.3
Department of Fisheries and Oceans - Small Craft Harbours										
Operating	102.5	67.4	61.7	63.7	50.2	56.8	50.8	68.3	97.1	72.3
Capital	51.9	40.8	32.0	37.5	165.4	234.9	156.9	96.0	124.4	87.1
Transfer payments	9.2	7.1	5.0	3.2	2.3	4.5	3.4	4.0	9.2	2.8
Gross expenditures	163.6	115.3	98.7	104.5	217.9	296.2	211.1	168.3	230.8	162.2
Natural Resources Canada										
Operating	0.0	0.0	0.0	7.8	9.8	10.8	10.4	12.8	12.8	0.0
Capital	0.0	0.0	0.0	0.0	2.4	4.4	1.8	1.8	1.8	0.0
Transfer payments	0.0	0.0	0.0	6.2	4.4	6.6	35.2	23.8	23.8	0.0
Gross expenditures	0.0	0.0	0.0	14.0	16.6	21.8	47.4	38.4	38.4	0.0
Environment and Climate Change Canada										
Operating	0.0	0.0	19.2	23.2	23.0	19.4	25.2	25.2	24.9	26.3
Capital	0.0	0.0	2.9	1.9	5.3	4.4	0.5	11.3	12.8	10.8
Transfer payments	0.0	0.0	0.6	0.5	0.5	0.2	0.4	0.3	0.2	0.2
Gross expenditures	0.0	0.0	22.7	25.6	28.8	24.0	26.1	36.8	37.9	37.3
Indigenous and Northern Affairs Canada										
Operating	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2	1.6	1.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.7	2.9	0.3
Transfer payments	107.2	96.9	81.2	112.9	119.5	154.5	175.6	139.8	130.1	113.0
Gross expenditures	107.5	97.0	81.2	113.0	119.6	154.5	176.6	142.7	134.6	115.0

National Capital Commission										
Operating	1.4	2.0	5.0	3.9	4.7	0.0	0.0	0.0	0.7	0.1
Capital	0.8	1.0	0.0	0.0	0.0	5.6	4.7	6.9	26.3	17.7
Gross expenditures	2.2	3.0	5.0	3.9	4.7	5.6	4.7	6.9	26.9	17.8
Parks Canada Agency										
Operating	35.5	41.2	64.5	60.2	58.9	62.8	63.6	78.6	64.6	67.6
Capital	59.6	43.1	44.9	89.9	242.9	293.0	336.4	341.4	407.8	282.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.2
Gross expenditures	95.2	84.3	109.4	150.1	301.8	355.8	400.1	420.3	472.4	350.0
Public Services and Procurement Canada										
Operating	30.3	117.8	151.6	133.1	249.6	288.4	218.0	327.4	428.8	355.6
Capital	25.4	28.4	15.1	16.8	35.5	36.6	2.0	0.0	2.3	0.1
Gross expenditures	55.6	146.2	166.7	149.9	285.1	325.0	220.0	327.4	431.1	355.7
PPP Canada <sup>8</sup>										
Capital	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	22.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Transfer payments	2.2	1.9	4.3	8.3	13.9	13.1	3.5	9.3	6.1	2.4
Gross expenditures	2.2	1.9	4.3	8.3	13.9	13.1	3.5	9.3	6.1	2.4
Economic Development Agency of Canada for the Regions of Quebec										
Transfer payments	5.7	4.8	7.4	3.1	4.0	3.6	6.6	0.3	0.4	5.0
Gross expenditures	5.7	4.8	7.4	3.1	4.0	3.6	6.6	0.3	0.4	5.0
FedDev Ontario (federal economic development agency for Southern Ontario)										
Transfer payments	0.0	0.0	10.6	7.2	32.4	20.6	16.6	25.8	21.3	15.8
Gross expenditures	0.0	0.0	10.6	7.2	32.4	20.6	16.6	25.8	21.3	15.8
FedNor (federal economic development agency for Northern Ontario)										
Transfer payments	0.7	1.6	2.0	2.1	3.6	2.2	1.1	1.8	2.6	2.8
Gross expenditures	0.7	1.6	2.0	2.1	3.6	2.2	1.1	1.8	2.6	2.8
Western Economic Diversification										
Transfer payments	1.8	2.1	6.5	6.5	4.1	3.7	15.7	80.7	50.8	54.8
Gross expenditures	1.8	2.1	6.5	6.5	4.1	3.7	15.7	80.7	50.8	54.8
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Transfer payments	0.3	0.6	0.6	1.0	0.3	1.8	0.6	1.1	1.6	0.0
Gross expenditures	0.3	0.6	0.6	1.0	0.3	1.8	0.7	1.2	1.8	0.0
Statistics Canada										
Operating	0.0	0.0	4.1	5.2	5.1	4.7	6.5	6.4	5.6	5.8
Gross expenditures	0.0	0.0	4.1	5.2	5.1	4.7	6.5	6.4	5.6	5.8
National Research Council Canada										
Operating	0.0	0.0	46.6	53.1	50.7	48.1	53.8	44.6	43.3	34.7
Capital	0.0	0.0	12.8	15.8	13.4	18.3	11.8	12.1	9.0	7.5
Transfer payments	0.0	0.0	0.4	0.8	1.3	0.4	0.2	1.2	0.6	2.0
Gross expenditures	0.0	0.0	59.9	69.8	65.3	66.8	65.8	58.0	52.9	44.2
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2
Transfer payments	0.0	0.0	50.7	55.3	47.5	57.9	57.2	62.7	63.1	67.2
Gross expenditures	0.0	0.0	53.1	57.8	49.6	60.3	59.7	65.3	66.0	70.4
Total (federal government departments and agencies)										
Operating	2,941.7	2,844.8	3,142.7	3,305.9	3,905.6	3,888.1	3,688.4	4,140.3	4,452.6	4,510.4
Capital	416.9	392.4	383.8	542.9	1,081.3	1,129.8	1,830.5	1,968.3	2,875.1	1,571.3
Transfer payments	2,579.0	2,283.2	1,807.2	1,932.3	1,988.3	1,761.8	1,659.3	2,760.2	2,757.2	2,813.9
Gross expenditures	5,937.6	5,520.3	5,333.7	5,781.1	6,975.2	6,779.7	7,178.3	8,868.8	10,084.9	8,895.5

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 other.
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. PPP Canada has ceased operation at the end of 2017.

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.

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, 2011/12 - 2020/21

(Millions of dollars)	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 <sup>1</sup>	2019/20 <sup>2</sup>	2020/21 <sup>3</sup>
<b>Federal fuel taxes</b>										
Air Mode	83.9	97.2	82.3	86.5	78.4	66.8	93.1	126.6	107.6	56.4
Rail Mode	4,202.9	4,272.5	4,290.4	4,317.6	4,349.9	4,496.3	4,501.1	4,483.0	4,453.3	3,721.8
Road Mode	1,061.5	1,055.8	1,113.7	1,123.9	1,136.5	1,071.0	1,144.5	1,192.7	1,122.2	1,115.1
Other Modes <sup>4</sup>										
<b>Total</b>	<b>5,328.3</b>	<b>5,380.5</b>	<b>5,486.4</b>	<b>5,527.9</b>	<b>5,564.8</b>	<b>5,634.1</b>	<b>5,738.7</b>	<b>5,802.3</b>	<b>5,683.1</b>	<b>4,893.7</b>
<b>Provincial/Territorial fuel taxes<sup>5</sup></b>										
Prince Edward Island	166.6	170.7	170.7	185.7	193.2	309.1	298.1	205.4	175.6	0.0
Nova Scotia	250.2	243.4	246.8	248.3	247.6	271.7	264.4	263.4	266.5	223.8
New Brunswick	246.6	239.5	240.1	242.8	246.5	285.5	285.5	256.2	262.7	182.3
Quebec	2,064.0	2,030.6	2,293.0	2,200.4	2,176.0	2,336.0	2,303.5	2,235.0	2,286.9	1,982.7
Ontario	3,090.4	3,100.2	3,081.1	3,186.1	3,210.1	3,367.9	3,461.0	3,483.0	3,590.0	2,584.0
Manitoba	151.1	151.1	215.6	211.1	221.1	214.7	241.9	366.3	231.0	302.0
Saskatchewan	475.5	496.0	509.8	515.4	479.2	488.6	525.1	555.6	507.9	441.7
Alberta	849.3	898.2	925.0	944.0	1,370.0	1,343.0	1,390.0	1,394.0	1,374.0	1,138.0
British Columbia	1,240.8	1,236.9	1,356.2	1,266.2	1,346.0	1,340.0	1,373.0	1,407.5	1,439.0	1,261.2
Yukon	8.0	8.1	8.2	7.9	7.7	8.2	8.0	7.9	9.7	7.0
Northwest Territories	18.9	18.6	17.7	18.4	20.0	21.3	20.7	20.0	18.9	17.7
Nunavut	5.0	5.3	4.7	5.5	5.0	9.3	14.0	18.0	23.5	17.7
<b>Total (all provinces/territories)</b>	<b>8,610.2</b>	<b>8,639.9</b>	<b>9,198.0</b>	<b>9,157.7</b>	<b>9,700.9</b>	<b>10,166.7</b>	<b>10,297.5</b>	<b>10,341.2</b>	<b>10,316.8</b>	<b>8,202.2</b>
<b>Federal transportation-related sales tax revenues</b>										
Air Mode	141.6	152.4	161.2	173.3	179.3	185.0	203.5	221.4	190.0	193.8
Rail Mode	15.7	15.6	15.6	16.3	17.3	18.6	20.1	22.6	19.7	20.1
Road Mode	5,648.3	5,826.2	6,101.1	6,245.2	6,156.1	6,399.2	7,053.7	7,175.2	7,034.5	7,179.2
Transit	44.7	46.3	48.1	48.7	47.4	46.8	46.2	43.5	32.7	31.4
Other Modes <sup>1</sup>	75.6	78.5	81.9	84.6	87.7	91.1	94.1	98.6	99.7	101.7
<b>Transportation-related sales tax revenues</b>	<b>5,925.7</b>	<b>6,118.8</b>	<b>6,407.8</b>	<b>6,567.1</b>	<b>6,487.9</b>	<b>6,740.8</b>	<b>7,419.6</b>	<b>7,760.3</b>	<b>7,376.6</b>	<b>7,524.1</b>
<b>Provincial/Territorial transportation-related sales tax revenues<sup>3</sup></b>										
Newfoundland and Labrador										
Air Mode	6.8	7.4	7.9	8.5	9.7	11.2	12.6	13.1	11.1	11.3
Rail Mode	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.9	0.9
Road Mode	179.1	180.1	202.1	205.5	202.5	229.2	251.2	268.2	247.4	212.2
Transit	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.6	0.6
Other Modes <sup>1</sup>	1.8	1.9	2.0	2.0	2.1	2.4	2.7	2.9	3.0	3.0
<b>Transportation-related sales tax revenues</b>	<b>188.8</b>	<b>200.5</b>	<b>213.2</b>	<b>218.2</b>	<b>216.5</b>	<b>244.1</b>	<b>268.0</b>	<b>285.7</b>	<b>269.9</b>	<b>268.2</b>
Prince Edward Island										
Air Mode	0.0	0.2	1.0	1.8	1.9	2.0	2.1	2.2	1.9	2.0
Rail Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Road Mode	0.4	3.5	49.3	54.3	54.7	59.9	67.3	68.3	67.9	67.9
Transit	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Other Modes <sup>1</sup>	0.0	0.1	0.5	0.6	0.7	0.7	0.8	0.9	0.9	0.9
<b>Transportation-related sales tax revenues</b>	<b>29.4</b>	<b>35.9</b>	<b>51.1</b>	<b>57.0</b>	<b>57.5</b>	<b>63.0</b>	<b>70.6</b>	<b>72.4</b>	<b>69.7</b>	<b>71.1</b>
Nova Scotia										
Air Mode	8.3	9.0	9.4	10.4	11.5	12.1	13.4	15.2	12.5	12.7
Rail Mode	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.8
Road Mode	317.2	324.4	376.9	378.9	367.6	371.5	405.5	403.7	393.9	401.8
Transit	2.0	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.3	1.4
Other Modes <sup>1</sup>	3.9	4.0	4.1	4.2	4.3	4.5	4.8	5.1	5.3	5.4
<b>Transportation-related sales tax revenues</b>	<b>352.1</b>	<b>358.8</b>	<b>392.8</b>	<b>396.0</b>	<b>396.0</b>	<b>396.5</b>	<b>426.2</b>	<b>424.4</b>	<b>413.7</b>	<b>422.0</b>
New Brunswick										
Air Mode	3.4	3.9	4.7	5.0	5.8	6.6	7.9	8.7	7.3	7.5
Rail Mode	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
Road Mode	237.2	242.0	237.4	244.3	246.6	307.1	344.1	356.4	349.3	356.3
Transit	0.6	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.4
Other Modes <sup>1</sup>	1.5	1.6	1.6	1.6	1.8	2.0	2.3	2.5	2.6	2.7
<b>Transportation-related sales tax revenues</b>	<b>243.2</b>	<b>248.4</b>	<b>246.5</b>	<b>247.8</b>	<b>247.0</b>	<b>316.6</b>	<b>359.3</b>	<b>363.7</b>	<b>360.1</b>	<b>367.3</b>
Quebec										
Air Mode	23.4	25.9	26.2	27.5	27.6	29.2	34.9	38.0	33.4	34.1
Rail Mode	6.0	6.4	6.6	6.8	7.0	7.5	8.2	9.1	8.5	8.7
Road Mode	2,517.5	2,788.6	2,825.1	2,819.9	2,827.9	2,932.0	3,117.4	3,274.8	3,164.9	3,281.2
Transit	16.9	18.8	19.8	20.5	20.2	20.0	19.7	18.8	14.3	14.6
Other Modes <sup>1</sup>	28.6	31.0	32.9	33.8	35.4	36.9	38.7	41.0	31.3	32.4
<b>Transportation-related sales tax revenues</b>	<b>2,592.4</b>	<b>2,851.6</b>	<b>2,937.7</b>	<b>2,959.3</b>	<b>2,943.0</b>	<b>3,003.7</b>	<b>3,218.8</b>	<b>3,381.6</b>	<b>3,281.4</b>	<b>3,328.6</b>
Ontario										
Air Mode	50.4	52.7	51.7	54.9	59.4	61.0	67.6	71.7	61.5	62.7
Rail Mode	11.6	11.3	11.4	12.0	12.8	13.9	15.4	16.5	13.9	14.1
Road Mode	3,623.7	3,782.0	4,003.6	4,217.8	4,356.8	4,599.1	4,864.0	5,222.0	4,976.1	5,077.3
Transit	23.8	24.6	24.8	24.0	22.6	22.8	23.0	22.0	17.0	17.4
Other Modes <sup>1</sup>	48.6	50.3	52.1	53.9	56.6	59.2	65.5	63.1	60.9	62.2
<b>Transportation-related sales tax revenues</b>	<b>3,758.1</b>	<b>3,876.9</b>	<b>4,143.5</b>	<b>4,392.5</b>	<b>4,508.1</b>	<b>4,756.0</b>	<b>5,150.4</b>	<b>5,425.2</b>	<b>5,134.0</b>	<b>5,236.7</b>
Manitoba										
Road Mode	176.0	190.4	215.6	236.4	238.9	243.1	263.2	264.1	234.4	238.0
<b>Transportation-related sales tax revenues</b>	<b>176.0</b>	<b>190.4</b>	<b>215.6</b>	<b>236.4</b>	<b>238.9</b>	<b>243.1</b>	<b>263.2</b>	<b>264.1</b>	<b>234.4</b>	<b>238.0</b>
Saskatchewan										
Road Mode	103.1	111.1	120.2	126.4	129.1	135.9	158.6	197.6	201.3	205.3
<b>Transportation-related sales tax revenues</b>	<b>103.1</b>	<b>111.1</b>	<b>120.2</b>	<b>126.4</b>	<b>129.1</b>	<b>135.9</b>	<b>158.6</b>	<b>197.6</b>	<b>201.3</b>	<b>205.3</b>
British Columbia										
Air Mode	18.8	18.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rail Mode	1.7	5.9	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2
Road Mode	717.3	764.4	778.1	834.4	890.0	956.0	1,034.1	1,062.2	1,028.9	1,029.1
Transit	11.4	9.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Modes <sup>1</sup>	14.5	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Transportation-related sales tax revenues</b>	<b>766.7</b>	<b>792.9</b>	<b>788.3</b>	<b>835.5</b>	<b>890.1</b>	<b>956.1</b>	<b>1,034.2</b>	<b>1,062.3</b>	<b>1,029.1</b>	<b>1,029.3</b>
<b>Total (all provinces/territories)<sup>4</sup></b>	<b>111.0</b>	<b>115.7</b>	<b>104.7</b>	<b>108.1</b>	<b>115.8</b>	<b>122.0</b>	<b>138.5</b>	<b>148.8</b>	<b>127.7</b>	<b>130.3</b>
Rail Mode	24.0	23.3	20.4	20.3	21.4	23.2	25.6	27.8	24.7	25.1
Road Mode	7,920.4	8,379.4	8,955.4	9,217.8	9,339.1	9,817.9	10,639.3	11,133.8	10,644.3	10,857.2
Other Modes <sup>1</sup>	55.3	56.1	50.1	47.9	46.1	46.2	46.1	44.1	33.9	34.6
<b>Transportation-related sales tax revenues</b>	<b>8,209.6</b>	<b>8,676.4</b>	<b>9,126.8</b>	<b>9,490.2</b>	<b>9,623.1</b>	<b>10,114.9</b>	<b>10,959.3</b>	<b>11,469.8</b>	<b>10,947.5</b>	<b>11,166.5</b>
<b>Federal transportation-related licences and fees</b>										
Air Mode	0.0	0.0	0.0	0.0	15.9	13.2	16.8	14.5	16.9	9.7
Marine Mode	0.0	0.0	0.0	0.0	3.4	2.2	3.6	2.3	3.2	1.3
Rail Mode	0.0	0.0	0.0	0.0	2.9	4.6	4.6	3.0	4.3	2.4
Road Mode <sup>2</sup>	4.8	4.0	3.9	3.0	9.6	9.4	9.3	9.1	7.8	6.3
Other Modes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total (Federal government departments and agencies)</b>	<b>4.8</b>	<b>4.0</b>	<b>3.9</b>	<b>3.0</b>	<b>31.8</b>	<b>29.3</b>	<b>34.2</b>	<b>29.0</b>	<b>32.8</b>	<b>20.9</b>
<b>Provincial/Territorial transportation-related licences and fees</b>										
Newfoundland and Labrador	68.3	73.5	73.5	79.0	86.2	99.2	96.8	92.6	92.0	0.0
Prince Edward Island	13.7	15.1	18.4	18.9	18.8	19.6	20.0	40.4	44.2	22.1
Nova Scotia	83.2	113.4	120.5	123.0	121.5	127.5	209.0	288.3	270.0	137.1
New Brunswick	113.7	120.0	125.7	127.9	132.0	138.3	141.0	144.5	146.6	146.7
Quebec	848.7	814.4	940.1	901.0	1,139.0	1,252.0	1,303.0	1,181.1	1,317.6	1,383.1
Ontario	1,081.3	1,113.8	1,255.5	1,441.1	1,576.3	1,741.8	1,971.1	2,054.8	2,126.6	2,005.3
Manitoba	157.5	173.9	171.1	177.3	178.1	181.4	184.0	187.5		

Table G5: Summary of Provincial Transport Expenditures by Province/Territory, 2011/12 - 2020/21

(Millions of dollars)

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19R	2019/20R	2020/21R
Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	476.3	395.6	395.6	423.5	418.7	319.4	366.0	392.2	403.2	351.1
Prince Edward Island	127.1	121.7	108.8	114.9	119.4	108.6	119.8	127.1	166.9	194.6
Nova Scotia	602.5	603.5	624.6	631.5	604.7	623.9	603.7	688.7	742.8	957.4
New Brunswick	441.8	900.5	391.9	411.2	506.5	515.3	542.7	579.3	445.6	471.2
Quebec	5,259.0	7,100.5	10,005.8	9,604.6	7,712.8	7,637.3	9,195.7	7,263.4	7,369.5	10,058.4
Ontario	2,641.2	4,164.4	4,330.7	4,647.1	7,597.5	7,370.8	8,311.9	8,736.8	9,356.3	12,636.2
Manitoba	582.6	602.7	646.4	810.4	943.0	905.9	761.4	641.2	782.3	721.8
Saskatchewan	598.4	582.6	626.7	693.7	777.7	1,119.4	1,153.0	896.6	687.7	768.8
Alberta	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,568.6	2,606.3	2,852.4
British Columbia	2,297.0	2,371.0	2,448.5	2,467.4	2,457.5	2,334.1	2,218.8	2,485.7	2,647.4	3,857.9
Yukon	99.3	113.6	113.5	125.4	124.2	122.2	126.5	149.8	152.5	158.5
Northwest Territories	210.4	204.9	260.9	349.0	324.9	277.8	315.2	286.6	326.2	372.7
Nunavut	39.2	59.8	123.7	91.2	126.6	98.4	117.0	79.1	54.9	75.9
Total (all provinces/territories)	16,098.8	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,739.4	24,895.0	25,741.6	33,477.0

(000s of persons)

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19R	2019/20R	2020/21R
Population by Province/Territory <sup>1</sup>										
Newfoundland and Labrador	525.9	527.2	528.1	528.5	528.7	529.9	528.3	525.7	523.8	520.2
Prince Edward Island	144.4	144.5	144.1	144.5	144.9	147.9	151.4	155.2	158.8	161.4
Nova Scotia	945.0	943.3	940.1	939.0	938.3	946.0	953.7	963.4	976.5	981.6
New Brunswick	756.4	758.7	758.7	759.5	759.8	764.8	767.9	772.6	780.6	783.3
Quebec	8,021.9	8,078.4	8,124.7	8,165.4	8,190.0	8,249.7	8,336.5	8,434.7	8,542.2	8,579.5
Ontario	13,308.7	13,434.9	13,558.5	13,661.3	13,757.7	13,946.4	14,150.8	14,392.9	14,638.2	14,740.7
Manitoba	1,238.0	1,254.2	1,268.4	1,283.4	1,297.3	1,319.9	1,340.6	1,358.0	1,374.1	1,380.4
Saskatchewan	1,070.7	1,089.0	1,103.7	1,116.2	1,124.9	1,140.7	1,154.8	1,165.9	1,176.4	1,178.2
Alberta	3,807.7	3,900.3	4,010.9	4,106.1	4,159.5	4,209.0	4,258.2	4,317.7	4,385.0	4,424.6
British Columbia	4,525.7	4,590.5	4,658.9	4,737.7	4,803.0	4,884.0	4,956.6	5,040.4	5,130.3	5,156.6
Yukon	35.7	36.4	36.4	37.3	37.8	38.8	39.8	40.7	41.6	42.3
Northwest Territories	43.6	43.7	43.8	44.1	44.4	44.5	45.1	45.0	45.2	45.3
Nunavut	34.4	34.8	35.5	36.1	36.6	37.0	37.7	38.3	38.6	39.1
Total (all provinces/territories)	34,458.0	34,836.0	35,211.9	35,559.0	35,822.9	36,258.7	36,721.2	37,250.4	37,811.4	38,033.0

(Dollars per capita)

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19R	2019/20R	2020/21R
Per Capita Transport Expenditures by Provincial/Territorial Governments										
Newfoundland and Labrador	905.6	750.4	749.1	801.4	791.9	602.7	692.8	746.0	769.7	674.9
Prince Edward Island	880.4	842.1	755.0	794.9	824.1	734.1	791.4	819.2	1,051.2	1,205.7
Nova Scotia	637.6	639.8	664.4	672.6	644.5	659.5	633.0	714.8	760.7	975.4
New Brunswick	584.1	1,186.9	516.6	541.4	666.7	673.7	706.7	749.8	570.8	601.6
Quebec	655.6	879.0	1,231.5	1,176.2	941.7	925.8	1,103.1	861.1	862.7	1,172.4
Ontario	198.5	310.0	319.4	340.2	552.2	528.5	587.4	607.0	639.2	857.2
Manitoba	470.6	480.5	509.6	631.5	726.9	686.3	568.0	472.1	569.3	522.9
Saskatchewan	558.9	535.0	567.8	621.5	691.3	981.3	998.5	769.0	584.6	652.5
Alberta	715.4	663.6	599.5	548.6	598.5	445.8	682.8	594.9	594.4	644.7
British Columbia	507.5	516.5	525.6	520.8	511.7	477.9	447.7	493.2	516.0	748.1
Yukon	2,782.7	3,118.2	3,115.4	3,363.8	3,289.9	3,154.1	3,178.1	3,682.5	3,661.5	3,746.7
Northwest Territories	4,827.2	4,691.6	5,962.8	7,920.3	7,311.8	6,236.1	6,984.2	6,372.6	7,217.8	8,233.9
Nunavut	1,140.7	1,716.3	3,480.3	2,526.0	3,458.7	2,656.6	3,103.2	2,065.9	1,421.4	1,940.7
Total (all provinces/territories)	467.2	568.6	638.5	636.2	675.6	642.9	728.2	668.3	680.8	880.2

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, 2011/12 - 2020/21

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19R	2019/20R	2020/21R
(Millions of dollars)										
<b>AIR MODE</b>										
Newfoundland and Labrador										
Operating	16.1	20.5	20.5	11.2	18.4	9.7	9.6	10.8	9.5	10.3
Capital	34.3	1.9	1.9	40.6	17.9	0.9	0.3	0.2	0.9	1.4
Operating and capital	50.4	22.4	22.4	51.8	36.3	10.6	9.9	11.0	10.4	11.7
Transfer payments	0.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	50.6	23.6	23.6	51.8	36.3	10.6	9.9	11.0	10.4	11.7
Federal transfers to provinces/territories:	(1.8)	(1.2)	(1.2)	(2.6)	(2.3)	(1.2)	(1.3)	(0.9)	(1.7)	(2.2)
Net expenditures	48.8	22.4	22.4	49.2	34.0	9.4	8.6	10.1	8.7	9.5
Quebec										
Operating	32.6	35.0	29.0	18.4	70.8	70.4	78.8	100.0	106.3	139.4
Capital	0.0	0.0	0.0	24.1	26.8	26.8	26.0	24.7	31.0	36.0
Operating and capital	32.6	35.0	29.0	42.5	97.6	97.2	104.8	124.7	137.3	175.4
Transfer payments	8.1	7.9	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	40.7	42.9	31.9	45.4	97.6	97.2	104.8	124.7	137.3	175.4
Federal transfers to provinces/territories:	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	41.1	42.9	31.9	45.6	97.6	97.2	104.8	124.7	137.3	175.4
Ontario										
Operating	6.5	8.1	12.3	11.4	11.7	11.8	11.3	11.5	12.2	12.9
Capital	3.7	5.4	4.6	1.9	2.9	0.6	1.4	1.3	2.6	1.1
Operating and capital	10.2	13.5	16.9	13.3	14.6	12.4	12.7	12.8	14.8	14.0
Net expenditures	10.2	13.5	16.9	13.3	14.6	12.4	12.7	12.8	14.8	14.0
Manitoba <sup>2</sup>										
Operating	8.1	8.8	11.6	13.4	12.8	13.5	12.8	12.7	13.4	0.0
Capital	1.2	2.9	0.9	1.1	0.5	1.4	5.9	2.5	0.3	1.2
Operating and capital	9.3	11.7	12.5	14.5	13.3	14.9	18.7	15.2	13.7	1.2
Transfer payments	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Gross expenditures	9.4	11.8	12.5	14.5	13.3	14.9	18.7	15.2	13.7	1.7
Federal transfers to provinces/territories:	0.0	(0.3)	(0.8)	0.0	(1.1)	(0.9)	(6.3)	0.0	(2.5)	0.0
Net expenditures	9.4	11.5	11.7	14.5	12.2	14.0	12.4	15.2	11.2	1.7
Saskatchewan										
Operating	2.0	3.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.3
Capital	0.0	0.0	0.0	0.2	14.6	0.0	0.0	1.6	1.0	3.3
Operating and capital	2.0	3.0	2.0	2.2	16.6	2.0	2.0	3.4	3.0	5.6
Transfer payments	0.1	0.8	0.7	0.7	0.0	0.0	0.0	0.0	1.0	1.4
Net expenditures	2.1	3.8	2.7	2.9	16.6	2.0	2.0	3.4	4.0	7.0
Alberta										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	1.7
Transfer payments	1.0	2.6	1.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Net expenditures	1.0	2.6	1.5	0.0	0.1	0.0	0.0	1.9	2.0	1.7
British Columbia										
Transfer payments	0.0	0.0	0.0	0.0	3.7	5.9	10.7	5.3	7.0	2.8
Net expenditures	0.0	0.0	0.0	0.0	3.7	5.9	10.7	5.3	7.0	2.8
Yukon										
Operating	9.5	10.2	10.9	10.8	11.4	11.8	12.5	12.5	14.4	13.7
Capital	3.5	5.0	9.8	13.3	5.9	5.7	5.7	21.9	22.1	14.0
Operating and capital	12.9	15.2	20.7	24.1	17.2	17.5	18.2	34.4	36.5	27.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Gross expenditures	12.9	15.2	20.7	24.1	17.2	17.6	18.2	34.4	36.5	27.6
Federal transfers to provinces/territories:	(0.2)	(0.3)	(0.1)	(5.0)	(1.8)	(2.1)	(1.9)	(2.1)	(3.6)	(4.5)
Net expenditures	12.7	14.9	20.6	19.2	15.4	15.6	16.3	32.3	32.9	23.2
Northwest Territories										
Operating	24.1	16.2	29.6	26.2	30.0	27.6	29.8	30.6	28.5	32.4
Capital	10.7	6.6	4.3	6.0	2.4	4.4	2.0	4.9	10.4	4.0
Operating and capital	34.8	22.8	34.0	32.2	32.4	32.0	31.7	35.6	38.9	36.4
Transfer payments	0.0	0.0	0.3	7.4	1.6	1.0	3.4	0.3	4.0	6.5
Gross expenditures	34.8	22.8	34.2	39.6	34.0	33.0	35.1	35.9	43.0	42.9
Federal transfers to provinces/territories:	(0.3)	(0.2)	(0.3)	(7.4)	(1.6)	(1.0)	(3.4)	(0.3)	(4.0)	(6.5)
Net expenditures	34.5	22.6	34.0	32.2	32.4	32.0	31.7	35.6	38.9	36.4
Nunavut										
Operating	17.6	22.3	24.2	21.9	24.5	24.7	30.0	41.8	42.0	45.8
Capital	8.1	8.3	71.8	62.7	91.8	66.6	68.7	12.0	4.8	12.5
Operating and capital	25.7	30.6	96.0	84.6	116.3	91.3	98.7	53.8	46.8	58.3
Transfer payments	1.9	18.0	23.5	3.4	6.7	0.0	3.0	0.5	0.3	6.9
Gross expenditures	27.5	48.6	119.5	88.0	123.0	91.3	101.7	54.3	47.1	65.2
Federal transfers to provinces/territories:	(1.9)	(18.0)	(23.5)	(3.4)	(6.7)	0.0	(3.0)	(0.5)	(0.3)	0.0
Net expenditures	25.7	30.6	96.0	84.6	116.3	91.3	98.7	53.8	46.8	65.2
Total (all provinces/territories)										
Operating	116.4	124.0	140.1	115.4	181.6	171.5	186.7	223.6	230.4	258.5
Capital	61.4	30.1	93.3	149.9	162.8	106.3	110.0	69.2	73.0	73.4
Operating and capital	177.8	154.2	233.4	265.3	344.4	277.8	296.7	292.8	303.4	331.9
Transfer payments	11.4	30.6	30.1	14.4	12.1	7.1	17.1	6.1	12.3	18.1
Gross expenditures	189.2	184.8	263.5	279.7	356.5	284.9	313.8	298.9	315.7	350.0
Federal transfers to provinces/territories:	(3.8)	(20.0)	(25.9)	(18.2)	(13.5)	(5.1)	(15.9)	(3.8)	(12.1)	(13.2)
Net expenditures	185.4	164.8	237.7	261.5	343.0	279.7	297.9	295.1	303.7	336.8
<b>MARINE MODE</b>										
Operating	82.5	77.7	77.7	87.8	79.5	84.0	76.6	79.5	80.1	76.7
Capital	5.9	5.4	5.4	31.1	25.0	5.2	9.1	7.3	2.4	2.8
Gross expenditures	88.4	83.1	83.1	118.9	104.5	89.2	85.7	86.8	82.5	79.5
Federal transfers to provinces/territories:	0.0	0.0	0.0	0.0	0.0	0.0	(1.6)	0.0	0.0	0.0
Net expenditures	88.4	83.1	83.1	118.9	104.5	89.2	84.1	86.8	82.5	79.5

Nova Scotia										
Operating	10.2	10.2	10.5	10.2	10.5	10.4	11.9	12.5	12.7	12.3
Capital	0.0	0.6	0.7	3.9	4.1	3.4	1.5	3.2	4.5	12.8
Net expenditures	10.2	10.8	11.2	14.2	14.6	13.7	13.4	15.7	17.2	25.1
New Brunswick										
Operating	18.5	22.3	21.6	22.6	21.0	21.2	22.0	24.6	23.5	23.0
Capital	21.6	4.4	4.1	7.4	13.6	5.0	9.2	10.0	8.9	5.5
Net expenditures	40.1	26.7	25.7	30.0	34.6	26.2	31.2	34.6	32.4	28.5
Quebec										
Operating	91.2	96.0	95.3	120.7	139.7	118.5	137.4	157.0	183.8	215.3
Capital	0.0	0.0	0.0	0.0	0.0	0.0	9.3	373.6	64.5	14.0
Operating and capital	91.2	96.0	95.3	120.7	139.7	118.5	146.7	530.6	248.3	229.3
Transfer payments	4.9	4.9	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	96.1	100.9	100.1	125.5	139.7	118.5	146.7	530.6	248.3	229.3
Ontario										
Operating	11.6	13.1	12.0	12.3	12.0	12.3	13.5	14.6	16.9	15.9
Capital	0.0	0.0	0.0	0.0	15.6	14.8	50.9	52.0	46.2	55.1
Operating and capital	11.6	13.1	12.0	12.3	27.6	27.1	64.5	66.6	63.0	71.1
Transfer payments	6.3	6.1	6.4	6.9	9.0	11.8	8.7	9.4	6.6	9.8
Net expenditures	17.9	19.2	18.4	19.2	36.6	38.9	73.2	76.0	69.7	80.8
Manitoba 2										
Operating	0.0	1.0	3.8	3.5	3.9	3.8	3.7	3.5	3.6	0.0
Capital	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	3.7	3.8	3.5	3.9	3.8	3.7	3.5	3.6	0.0
Transfer payments	5.0	0.0	0.3	0.0	1.1	0.0	0.0	0.0	0.0	0.0
Gross expenditures	5.0	3.7	4.1	3.5	5.0	3.8	3.7	3.5	3.6	0.0
Federal transfers to provinces/territories	0.0	0.0	(2.3)	(1.0)	(1.0)	0.0	0.0	0.0	0.0	0.0
Net expenditures	5.0	3.7	1.8	2.5	4.0	3.8	3.7	3.5	3.6	0.0
Saskatchewan										
Operating	4.0	3.5	3.6	3.7	3.7	4.0	3.5	3.2	3.0	3.2
Capital	0.7	3.0	2.2	0.5	1.8	0.0	0.0	1.7	1.3	0.0
Net expenditures	4.7	6.6	5.8	4.2	5.5	4.0	3.5	4.9	4.3	3.2
Alberta										
Operating	2.2	2.0	1.6	2.1	1.5	1.8	1.9	2.2	2.1	2.2
Net expenditures	2.2	2.0	1.6	2.1	1.5	1.8	1.9	2.2	2.1	2.2
British Columbia										
Operating	20.7	21.3	20.8	22.6	24.6	25.6	26.8	28.6	30.9	31.2
Transfer payments	177.0	201.3	198.0	193.1	189.4	192.0	193.0	220.2	241.9	546.0
Gross expenditures	197.7	222.6	218.8	215.7	214.0	217.6	219.8	248.8	272.8	577.2
Federal transfers to provinces/territories	(27.5)	(28.1)	(28.5)	(28.4)	(28.7)	(29.1)	(29.8)	(30.5)	(31.3)	(186.0)
Net expenditures	170.2	194.5	190.3	187.3	185.3	188.5	190.0	218.3	241.5	391.2
Yukon										
Operating	0.0	0.0	0.0	1.4	1.5	1.5	1.5	1.5	1.7	1.4
Capital	0.0	0.0	0.0	0.2	0.2	0.4	0.5	0.8	0.2	0.4
Net expenditures	0.0	0.0	0.0	1.6	1.7	1.9	2.0	2.3	1.8	1.8
Northwest Territories										
Operating	5.9	5.0	8.1	7.8	8.7	7.6	37.4	54.5	52.1	42.5
Capital	10.7	6.6	1.0	1.0	1.0	0.3	4.2	2.0	0.6	18.0
Operating and capital	16.5	11.6	9.1	8.8	9.7	7.9	41.6	56.6	52.7	60.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.3	16.8
Gross expenditures	16.5	11.6	9.1	8.8	9.7	7.9	41.6	56.9	59.0	77.2
Federal transfers to provinces/territories	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0.3)	(6.3)	(16.8)
Net expenditures	16.5	11.6	9.1	8.8	9.7	7.9	41.6	56.5	52.7	60.4
Nunavut										
Operating	0.2	0.2	0.2	0.2	0.3	0.5	0.3	0.3	0.2	0.5
Capital	8.1	8.3	1.7	0.4	0.6	0.9	1.6	14.1	4.0	3.5
Operating and capital	8.2	8.5	1.9	0.6	0.9	1.4	1.9	14.4	4.2	4.0
Transfer payments	0.5	0.5	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.3
Gross expenditures	8.7	9.0	1.9	0.6	0.9	1.4	5.0	14.4	4.2	4.3
Federal transfers to provinces/territories	(0.5)	(0.5)	0.0	0.0	0.0	0.0	(3.1)	0.0	0.0	0.0
Net expenditures	8.2	8.5	1.9	0.6	0.9	1.4	1.9	14.4	4.2	4.3
Total (all provinces/territories)										
Operating	246.9	252.4	255.2	295.0	306.9	291.2	336.5	382.0	410.5	424.2
Capital	46.9	31.1	15.1	44.5	61.9	30.0	86.3	464.8	132.5	112.1
Operating and capital	293.8	283.4	270.3	339.5	368.8	321.1	422.9	846.8	543.1	536.3
Transfer payments	193.7	212.8	209.5	204.8	199.5	203.8	204.8	229.9	254.8	572.9
Gross expenditures	487.4	496.2	479.8	544.3	568.3	524.9	627.6	1,076.7	797.9	1,109.2
Federal transfers to provinces/territories	(28.0)	(28.6)	(30.8)	(29.4)	(29.7)	(29.1)	(34.5)	(30.8)	(37.6)	(202.8)
Net expenditures	459.4	467.6	449.0	514.9	538.6	495.8	593.1	1,045.9	760.3	906.4
New Brunswick										
Operating	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.5
Capital	0.1	0.1	0.2	0.1	0.2	0.2	0.0	0.1	0.2	0.3
Net expenditures	0.5	0.6	0.7	0.5	0.7	0.6	0.5	0.6	0.6	0.8
Quebec										
Operating	0.0	0.0	0.0	1.0	1.8	0.9	1.2	1.4	1.8	1.3
Capital	0.0	0.0	0.0	3.7	3.9	0.9	0.9	10.2	24.6	40.7
Operating and capital	0.0	0.0	0.0	4.7	5.7	1.8	2.1	11.6	26.4	42.0
Transfer payments	1.9	1.7	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.9	1.7	2.0	6.7	5.7	1.8	2.1	11.6	26.4	42.0
Federal transfers to provinces/territories	(4.0)	(7.5)	(7.5)	(7.5)	(12.8)	(0.1)	0.0	0.0	0.0	0.0
Net expenditures	(2.1)	(5.7)	(5.5)	(0.8)	(7.1)	1.7	2.1	11.6	26.4	42.0
Ontario										
Operating	1.0	0.7	0.7	1.0	0.8	1.3	1.6	1.5	1.6	1.4
Transfer payments	75.7	87.0	111.5	83.2	94.8	79.3	75.6	91.6	87.2	0.0
Net expenditures	76.7	87.7	112.2	84.2	95.6	80.6	77.2	93.1	88.8	1.4
Manitoba										
Operating	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.2
Operating and capital	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.7	0.5	0.9
Transfer payments	1.2	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.2	0.4	1.7	0.0	0.0	0.0	0.5	0.7	0.5	0.9
Federal transfers to provinces/territories	0.0	0.0	(1.7)	0.0	0.0	0.0	(1.0)	0.0	0.0	0.0
Net expenditures	1.2	0.4	0.0	0.0	0.0	0.0	(0.6)	0.7	0.5	0.9
Saskatchewan										
Operating	1.2	1.2	1.2	1.3	1.3	1.6	1.0	1.0	2.2	2.2
Net expenditures	1.2	1.2	1.2	1.3	1.3	1.6	1.0	1.0	2.2	2.2
Total (all provinces/territories)										
Operating	2.6	2.8	2.4	3.7	4.4	4.2	4.6	4.8	6.3	6.3
Capital	0.1	0.1	0.2	3.8	4.1	1.1	1.1	10.7	25.0	41.1
Operating and capital	2.7	2.9	2.6	7.5	8.5	5.3	5.7	15.5	31.2	47.4
Transfer payments	78.8	88.7	115.2	85.2	94.8	79.3	75.6	91.6	87.2	0.0
Gross expenditures	81.5	91.6	117.8	92.7	103.3	84.6	81.3	107.1	118.4	47.4
Federal transfers to provinces/territories	(4.0)	(7.5)	(9.2)	(7.5)	(12.8)	(0.1)	(1.0)	0.0	0.0	0.0
Net expenditures	77.5	84.2	108.6	85.2	90.5	84.5	80.3	107.1	118.4	47.4

ROAD MODE										
Newfoundland and Labrador										
Operating	202.1	170.0	170.0	152.8	189.4	180.9	159.3	170.0	159.3	150.4
Capital	135.2	118.9	118.9	100.0	88.5	38.7	111.1	124.4	151.0	109.5
Gross expenditures	337.3	288.9	288.9	252.8	277.9	219.6	270.4	294.4	310.3	259.9
Federal transfers to provinces/territories:	(28.3)	(17.3)	0.0	(3.3)	(11.0)	(58.0)	(28.9)	(40.6)	(32.1)	(42.6)
Net expenditures	309.0	271.6	288.9	249.5	266.9	161.6	241.5	253.8	278.2	217.3
Prince Edward Island										
Operating	88.3	82.3	69.7	76.3	70.3	68.3	70.4	74.3	81.2	86.7
Capital	38.7	39.3	39.0	38.5	49.0	39.2	49.0	52.6	85.6	106.0
Gross expenditures	127.0	121.6	108.7	114.8	119.3	107.5	119.4	126.9	166.8	192.7
Federal transfers to provinces/territories:	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)	(13.7)	(22.3)	(17.5)	(36.9)	(39.8)
Net expenditures	122.4	118.5	98.7	105.7	110.2	93.8	97.1	109.4	129.9	152.9
Nova Scotia										
Operating	334.2	342.0	364.4	387.6	368.4	387.9	378.2	391.3	414.1	428.1
Capital	258.2	250.8	249.1	229.8	221.8	223.3	212.1	281.6	311.5	504.2
Gross expenditures	592.4	592.7	613.4	617.3	590.2	610.2	590.3	673.0	725.6	932.3
Federal transfers to provinces/territories:	(19.4)	(20.5)	(18.9)	(22.5)	(32.0)	(23.7)	(16.2)	(38.0)	(36.1)	(82.2)
Net expenditures	573.0	572.3	594.5	594.8	558.1	586.5	574.1	634.9	689.5	850.1
New Brunswick										
Operating	156.1	152.8	129.5	137.2	128.0	130.7	144.3	160.0	155.0	148.3
Capital	245.1	720.4	236.0	243.5	343.2	357.7	366.7	384.1	257.7	293.6
Gross expenditures	401.2	873.2	365.5	380.7	471.2	488.5	511.0	544.1	412.6	441.9
Federal transfers to provinces/territories:	(45.4)	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(23.9)	(25.3)	(17.0)	(19.8)
Net expenditures	355.8	651.9	348.6	372.9	452.8	474.9	487.1	518.7	395.6	422.1
Quebec										
Operating	805.4	847.3	3,014.1	3,110.0	3,721.5	3,013.3	3,941.5	2,127.5	2,567.6	4,268.2
Capital	3,455.2	3,191.1	3,279.9	2,801.7	2,438.9	3,158.9	2,794.1	2,327.9	2,280.5	2,361.8
Operating and capital	4,260.6	4,038.4	6,294.0	5,911.7	6,160.4	6,172.2	6,735.6	4,455.4	4,848.1	6,630.0
Transfer payments	199.2	138.6	203.3	203.3	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	4,459.8	4,177.0	6,497.3	6,115.0	6,160.4	6,172.2	6,735.6	4,455.4	4,848.1	6,630.0
Federal transfers to provinces/territories:	(77.3)	(112.3)	(99.5)	(75.2)	(52.7)	(49.7)	(233.0)	(302.1)	(412.2)	(251.6)
Net expenditures	4,382.4	4,064.7	6,397.8	6,039.8	6,107.7	6,122.5	6,502.6	4,153.3	4,435.9	6,378.4
Ontario										
Operating	453.7	468.8	472.2	495.7	515.3	522.8	576.5	654.9	642.5	702.1
Capital	791.2	929.7	1,049.6	988.6	3,285.0	2,994.6	3,171.1	3,149.3	3,420.4	3,552.9
Operating and capital	1,244.9	1,398.5	1,521.8	1,484.3	3,800.3	3,517.4	3,747.6	3,804.2	4,062.9	4,255.0
Transfer payments	23.5	27.3	22.5	44.3	34.1	77.3	51.5	73.2	70.6	63.2
Gross expenditures	1,268.4	1,425.8	1,544.3	1,528.6	3,834.4	3,594.7	3,799.1	3,877.4	4,133.5	4,318.2
Federal transfers to provinces/territories:	(33.3)	(33.4)	(37.4)	(35.0)	(43.8)	(67.0)	0.0	0.0	0.0	0.0
Net expenditures	1,235.1	1,392.4	1,506.9	1,493.6	3,790.6	3,527.7	3,799.1	3,877.4	4,133.5	4,318.2
Manitoba										
Operating	166.1	168.5	190.8	200.2	195.2	218.8	213.2	183.5	180.4	186.4
Capital	347.7	286.1	315.8	454.2	549.8	520.1	443.8	346.9	335.8	332.7
Operating and capital	513.8	454.6	506.6	654.4	745.0	738.9	657.0	530.4	516.2	519.2
Transfer payments	1.8	1.8	45.4	69.2	101.3	66.3	80.2	72.7	106.0	104.4
Gross expenditures	515.6	456.4	552.0	723.6	846.3	805.2	737.2	603.1	622.2	623.5
Federal transfers to provinces/territories:	0.0	(35.8)	(68.1)	(87.8)	(76.1)	(67.9)	(65.1)	(76.5)	(137.1)	(91.5)
Net expenditures	515.6	420.6	483.9	635.8	770.2	737.3	672.1	526.6	485.1	532.0
Saskatchewan										
Operating	268.4	233.6	233.6	258.2	229.6	236.2	205.4	214.8	231.0	255.0
Capital	295.3	296.3	347.1	390.9	501.0	851.5	887.5	624.5	397.0	448.0
Operating and capital	563.7	529.9	580.7	649.1	730.6	1,087.7	1,092.9	839.3	628.0	703.0
Transfer payments	26.8	41.3	36.3	36.2	23.7	24.1	53.6	48.0	49.2	53.4
Gross expenditures	590.5	571.1	617.0	685.3	754.3	1,111.8	1,146.5	887.3	677.2	756.4
Federal transfers to provinces/territories:	(54.9)	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)	(29.7)	(55.0)
Net expenditures	535.6	547.6	594.0	657.3	695.3	980.6	1,048.1	834.2	647.5	701.4
Alberta										
Operating	520.9	598.3	640.8	661.9	591.3	609.7	652.6	637.2	598.2	643.2
Capital	1,298.3	1,198.9	1,034.5	1,127.4	1,432.2	904.2	1,108.2	1,045.3	987.3	1,480.2
Operating and capital	1,819.2	1,797.2	1,675.3	1,789.2	2,023.5	1,513.9	1,760.7	1,682.5	1,585.5	2,123.4
Transfer payments	665.0	656.0	476.6	221.7	214.1	221.5	308.5	590.0	810.7	616.7
Gross expenditures	2,484.2	2,453.2	2,151.9	2,010.9	2,237.6	1,735.4	2,069.2	2,272.5	2,396.2	2,740.1
Federal transfers to provinces/territories:	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)	(662.5)	(417.0)
Net expenditures	2,066.7	2,110.3	1,947.8	1,724.5	2,005.0	1,467.3	1,745.8	1,818.2	1,733.7	2,323.1
British Columbia										
Operating	759.5	715.5	714.3	903.0	837.0	808.0	896.0	921.7	929.4	1,124.8
Capital	925.3	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0	957.2	1,290.2
Operating and capital	1,684.8	1,724.4	1,734.3	1,729.0	1,710.0	1,635.6	1,607.0	1,777.7	1,886.6	2,415.0
Transfer payments	19.5	37.4	19.4	24.9	77.5	56.8	84.0	100.0	64.7	87.1
Gross expenditures	1,704.3	1,761.8	1,753.7	1,753.9	1,787.5	1,692.4	1,691.0	1,877.7	1,951.3	2,502.1
Federal transfers to provinces/territories:	(145.0)	(146.4)	(126.7)	(93.0)	(163.0)	(112.0)	(120.0)	(29.0)	(22.7)	(45.2)
Net expenditures	1,559.3	1,615.4	1,627.0	1,660.9	1,624.5	1,580.4	1,571.0	1,848.7	1,928.6	2,456.9
Yukon										
Operating	41.5	44.3	48.7	50.3	53.1	52.9	52.3	52.9	51.0	53.2
Capital	44.8	54.0	43.2	48.8	51.5	49.1	52.4	59.8	62.7	75.1
Operating and capital	86.3	98.3	91.9	99.1	104.6	102.0	104.7	112.7	113.7	128.3
Transfer payments	0.0	0.0	1.0	0.4	0.4	0.5	0.8	0.4	0.5	0.7
Gross expenditures	86.3	98.4	92.9	99.4	105.0	102.5	105.5	113.1	114.2	129.0
Federal transfers to provinces/territories:	(8.3)	(7.8)	(5.6)	(14.1)	(13.3)	(19.1)	(27.1)	(11.6)	(14.4)	(22.4)
Net expenditures	78.1	90.5	87.3	85.3	91.8	83.4	78.4	101.5	99.8	106.6
Northwest Territories										
Operating	67.4	79.0	71.3	73.5	77.1	77.3	80.3	87.5	93.0	91.4
Capital	76.3	77.6	116.2	133.4	112.3	83.4	90.3	64.8	91.1	129.6
Operating and capital	143.7	156.6	187.4	206.9	189.3	160.7	170.6	152.3	184.1	221.0
Transfer payments	0.0	0.0	19.1	80.6	80.0	65.1	55.0	30.1	27.8	19.6
Gross expenditures	143.7	156.6	206.5	287.5	269.4	225.8	225.6	182.3	211.9	240.6
Federal transfers to provinces/territories:	(22.4)	(39.7)	(19.1)	(80.6)	(80.0)	(65.1)	(55.0)	(30.1)	(27.8)	(19.6)
Net expenditures	121.3	116.9	187.4	206.9	189.3	160.7	170.6	152.3	184.1	221.0
Nunavut										
Operating	2.9	2.2	2.3	2.6	2.7	3.0	6.7	5.5	3.6	4.4
Capital	0.0	0.0	0.0	0.0	0.0	2.7	2.8	3.5	0.0	1.9
Operating and capital	2.9	2.2	2.3	2.6	2.7	5.7	9.5	9.0	3.6	6.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	0.0	0.1
Gross expenditures	2.9	2.2	2.3	2.6	2.7	5.7	10.3	10.4	3.6	6.4
Federal transfers to provinces/territories:	0.0	0.0	(17.3)	0.0	0.0	0.0	(0.8)	(1.4)	0.0	0.0
Net expenditures	2.9	2.2	(15.0)	2.6	2.7	5.7	9.5	9.0	3.6	6.4
Total (all provinces/territories)										
Operating	3,866.4	3,904.5	6,121.7	6,509.3	6,978.7	6,309.8	7,376.7	5,681.1	6,106.2	8,142.2
Capital	7,911.3	8,171.9	7,849.2	7,382.6	9,946.2	10,050.0	10,000.1	9,320.7	9,337.8	10,685.8
Operating and capital	11,777.7	12,076.4	13,970.8	13,891.9	16,925.0	16,359.9	17,376.8	15,001.8	15,444.0	18,828.0
Transfer payments	935.9	902.4	823.6	680.5	531.1	511.5	634.4	915.7	1,129.5	945.2
Gross expenditures	12,713.6	12,978.8	14,794.4	14,572.5	17,456.1	16,871.4	18,011.1	15,917.5	16,573.5	19,773.2
Federal transfers to provinces/territories:	(856.4)	(1,004.0)	(646.6)	(742.9)	(791.0)	(889.0)	(1,014.1)	(1,079.5)	(1,428.5)	(1,086.7)
Net expenditures	11,857.2	11,974.8	14,147.8	13,829.6	16,665.1	15,982.3	16,997.0	14,838.0	15,145.0	18,686.5

TRANSIT

Prince Edward Island										
Operating	0.0	0.0	0.1	0.1	0.1	0.7	0.4	0.2	0.1	1.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.1	0.1	0.1	1.1	0.4	0.2	0.1	1.9
Federal transfers to provinces/territories:	0.0	0.0	0.0	0.0	0.0	0.0	(0.2)	0.0	(0.1)	(1.0)
Net expenditures	0.0	0.0	0.1	0.1	0.1	1.1	0.2	0.2	0.0	0.9
New Brunswick										
Federal transfers to provinces/territories:	(58.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	(58.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec										
Operating	0.0	1,603.1	1,922.9	1,696.3	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	475.3	707.5	684.4	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	2,078.4	2,630.4	2,380.7	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	510.1	552.9	600.5	787.7	1,001.6	939.8	1,890.4	1,820.5	1,808.8	2,656.0
Gross expenditures	510.1	2,631.3	3,230.9	3,168.4	1,001.6	939.8	1,890.4	1,820.5	1,808.8	2,656.0
Federal transfers to provinces/territories:	0.0	0.0	0.0	(54.9)	(78.0)	(31.5)	(59.5)	(10.6)	(49.4)	(246.0)
Net expenditures	510.1	2,631.3	3,230.9	3,113.5	923.6	908.3	1,830.9	1,809.9	1,759.4	2,410.0
Ontario										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	3.4	7.9	0.7	0.0
Transfer payments	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9	3,485.3	4,191.1	4,508.0	4,895.7	8,076.3
Gross expenditures	1,129.1	2,476.0	2,504.9	2,868.2	3,450.9	3,485.3	4,194.5	4,515.9	4,896.4	8,076.3
Federal transfers to provinces/territories:	0.0	0.0	0.0	0.0	(1,659.7)	(1,625.7)	(2,017.8)	(2,408.6)	(1,819.6)	(2,780.8)
Net expenditures	1,129.1	2,476.0	2,504.9	2,868.2	1,791.2	1,859.6	2,176.7	2,107.3	3,076.8	5,295.5
Manitoba										
Operating	32.7	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	9.6	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	42.3	43.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	2.2	3.0	48.2	40.9	50.5	52.6	1.3	18.7	142.3	95.7
Gross expenditures	44.5	46.3	48.2	40.9	50.5	52.6	1.3	18.7	142.3	95.7
Federal transfers to provinces/territories:	0.0	0.0	(16.4)	(1.5)	(5.6)	(5.9)	(9.4)	(32.9)	(29.7)	(2.1)
Net expenditures	44.5	46.3	31.8	39.4	44.9	46.7	(8.1)	(14.3)	112.6	93.5
Alberta										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	199.9	93.2	216.0	208.5	215.1	103.9	824.9	276.8	195.1	95.5
Net expenditures	199.9	93.2	216.0	208.5	215.1	103.9	824.9	276.8	195.1	95.5
British Columbia										
Operating	96.0	209.7	299.9	328.0	287.4	212.3	74.8	105.0	157.4	441.1
Transfer payments	299.0	176.9	176.1	169.8	164.9	205.9	222.5	248.9	258.9	334.7
Net expenditures	395.0	386.6	476.0	497.8	452.3	418.2	297.3	353.9	416.3	775.8
Yukon										
Capital	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.0	0.2	0.2	0.2	0.8	0.0	0.0	0.0
Nunavut										
Federal transfers to provinces/territories:	(15.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	(15.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total (all provinces/territories)										
Operating	128.7	1,838.6	2,222.9	2,024.4	287.5	213.0	78.6	113.1	158.2	443.0
Capital	9.6	492.8	707.5	684.5	0.1	0.1	0.4	0.0	0.0	0.0
Operating and capital	138.3	2,331.4	2,930.4	2,708.9	287.6	213.1	79.0	113.1	158.2	443.0
Transfer payments	2,140.3	3,301.9	3,545.7	4,075.2	4,883.1	4,788.0	7,130.5	6,872.9	7,300.8	11,258.2
Gross expenditures	2,278.6	5,633.3	6,476.1	6,784.1	5,170.7	5,001.1	7,209.6	6,986.0	7,459.0	11,701.2
Federal transfers to provinces/territories:	(73.3)	0.0	(16.4)	(56.4)	(1,743.3)	(1,663.1)	(2,086.9)	(2,452.2)	(1,898.8)	(3,029.9)
Net expenditures	2,205.3	5,633.3	6,459.7	6,727.7	3,427.4	3,338.0	5,122.7	4,533.8	5,560.3	8,671.2

OTHER MODES

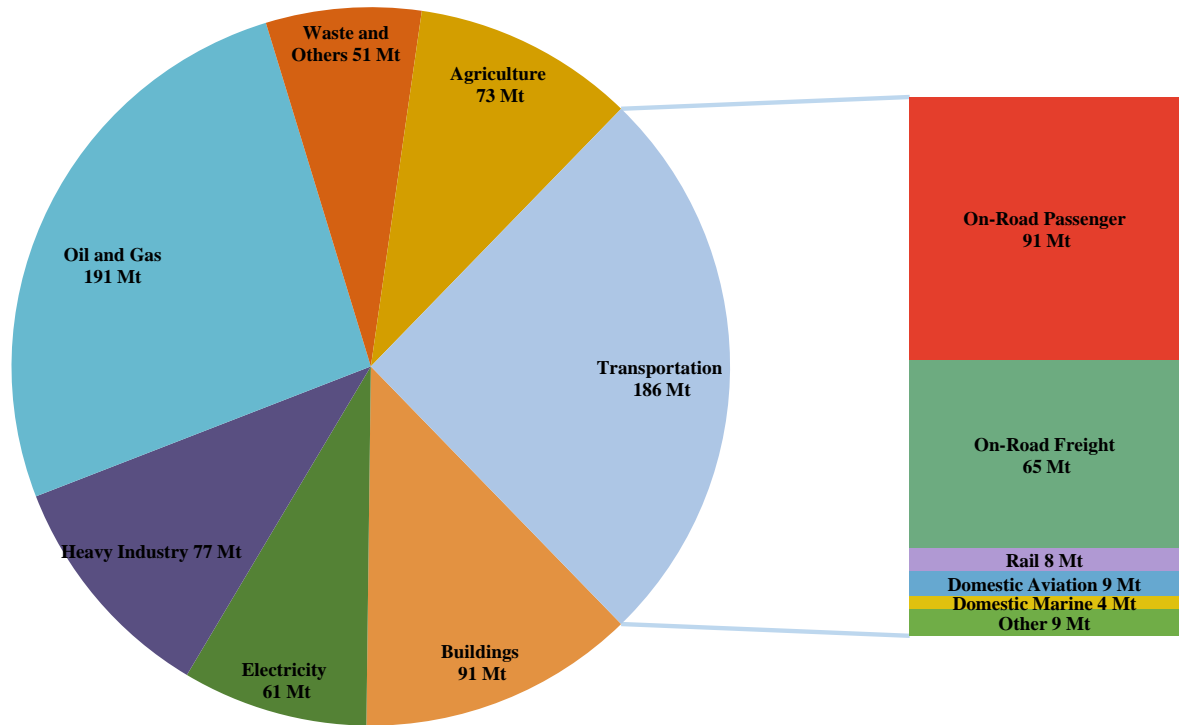
Prince Edward Island										
Operating	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec										
Operating	128.6	119.6	113.4	113.4	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	22.0	27.1	30.2	30.2	307.8	307.8	316.1	320.6	300.6	325.7
Net expenditures	150.5	146.7	143.6	143.6	307.8	307.8	316.1	320.6	300.6	325.7
Ontario										
Operating	134.9	141.9	133.4	133.0	154.7	142.6	138.9	145.5	141.2	134.4
Capital	4.0	0.3	0.6	0.6	10.7	16.3	16.4	16.0	12.0	11.0
Net expenditures	138.9	142.2	134.0	133.6	165.4	158.9	155.3	161.6	153.2	145.4
Manitoba										
Operating	2.4	74.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	2.4	84.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	4.5	0.0	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0
Gross expenditures	6.9	84.1	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0
Federal transfers to provinces/territories	0.0	(5.7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	6.9	78.4	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0
Saskatchewan										
Federal transfers to provinces/territories	(0.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	(0.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alberta										
Operating	27.0	27.1	29.1	26.4	31.4	31.0	11.6	12.3	10.9	9.9
Capital	9.6	10.1	4.2	4.6	3.8	4.3	0.2	2.9	0.0	3.0
Net expenditures	36.6	37.2	33.3	31.0	35.1	35.3	11.7	15.2	10.9	12.9
Northwest Territories										
Operating	15.4	13.9	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9
Gross expenditures	15.4	13.9	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9
Federal transfers to provinces/territories	(0.8)	(0.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	14.6	13.7	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9
Total (all provinces/territories)										
Operating	308.4	376.9	287.0	285.9	197.9	184.7	163.3	169.3	164.4	156.2
Capital	13.6	20.2	4.8	5.2	14.5	20.6	16.6	18.9	12.0	14.0
Operating and capital	322.1	397.1	291.8	291.1	212.3	205.3	179.8	188.3	176.4	170.2
Transfer payments	26.5	27.1	58.1	58.1	335.7	337.2	316.1	320.6	300.6	325.7
Gross expenditures	348.5	424.2	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9
Federal transfers to provinces/territories	(0.9)	(5.9)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	347.6	418.3	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9
TOTAL (ALL MODES)										
Newfoundland and Labrador										
Operating	300.7	268.2	268.2	251.8	287.3	274.6	245.5	260.3	248.9	237.4
Capital	175.4	126.2	126.2	171.7	131.4	44.8	120.5	131.9	154.3	113.7
Operating and capital	476.1	394.4	394.4	423.5	418.7	319.4	366.0	392.2	403.2	351.1
Transfer payments	0.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	476.3	395.6	395.6	423.5	418.7	319.4	366.0	392.2	403.2	351.1
Federal transfers to provinces/territories	(30.1)	(18.5)	(1.2)	(5.9)	(13.3)	(59.2)	(31.8)	(41.5)	(33.8)	(44.8)
Net expenditures	446.2	377.1	394.4	417.6	405.4	260.2	334.2	350.7	369.4	306.3
Prince Edward Island										
Operating	88.4	82.4	69.8	76.4	70.4	69.0	70.8	74.5	81.3	88.6
Capital	38.7	39.3	39.0	38.5	49.0	39.2	49.0	52.6	85.6	106.0
Operating and capital	127.1	121.7	108.8	114.9	119.4	108.2	119.8	127.1	166.9	194.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Gross expenditures	127.1	121.7	108.8	114.9	119.4	108.6	119.8	127.1	166.9	194.6
Federal transfers to provinces/territories	(4.6)	(3.1)	(10.0)	(9.1)	(9.1)	(13.7)	(22.5)	(17.5)	(37.0)	(40.8)
Net expenditures	122.5	118.6	98.8	105.8	110.3	94.9	97.3	109.6	129.9	153.8
Nova Scotia										
Operating	344.3	352.2	374.9	397.8	378.9	398.3	390.1	403.8	426.8	440.4
Capital	258.2	251.3	249.8	233.7	225.9	225.6	213.6	284.8	316.0	517.0
Gross expenditures	602.5	603.5	624.6	631.5	604.7	623.9	603.7	688.7	742.8	957.4
Federal transfers to provinces/territories	(19.4)	(20.5)	(18.9)	(22.5)	(32.0)	(23.7)	(16.2)	(38.0)	(36.1)	(82.2)
Net expenditures	583.1	583.0	605.7	609.0	572.7	600.2	587.5	650.7	706.7	875.2
New Brunswick										
Operating	175.0	175.6	151.6	160.2	149.5	152.4	166.8	185.1	178.9	171.8
Capital	266.8	724.9	240.3	251.0	357.0	362.9	375.9	394.2	266.7	299.4
Gross expenditures	441.8	900.5	391.9	411.2	506.5	515.3	542.7	579.3	445.6	471.2
Federal transfers to provinces/territories	(103.7)	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(23.9)	(25.3)	(17.0)	(19.8)
Net expenditures	338.1	679.2	375.0	403.4	488.1	501.7	518.8	554.0	428.6	451.4
Quebec										
Operating	1,057.8	2,701.0	5,174.7	5,059.8	3,933.8	3,203.1	4,158.9	2,385.9	2,859.5	4,624.2
Capital	3,455.2	3,666.4	3,987.4	3,513.9	2,469.6	3,186.6	2,830.3	2,736.4	2,400.6	2,452.5
Operating and capital	4,512.9	6,367.4	9,162.1	8,573.7	6,403.4	6,389.7	6,989.2	5,122.3	5,260.1	7,076.7
Transfer payments	746.1	733.2	843.7	1,030.9	1,309.4	1,247.6	2,206.5	2,141.1	2,109.4	2,981.7
Gross expenditures	5,259.0	7,100.5	10,005.8	9,604.6	7,712.8	7,637.3	9,195.7	7,263.4	7,369.5	10,058.4
Federal transfers to provinces/territories	(80.9)	(119.8)	(107.0)	(137.4)	(143.5)	(81.3)	(292.5)	(312.7)	(461.6)	(497.6)
Net expenditures	5,178.1	6,980.8	9,898.8	9,467.2	7,569.3	7,556.0	8,903.2	6,950.7	6,907.9	9,560.8
Ontario										
Operating	607.7	632.6	630.6	653.4	694.5	690.8	745.2	836.0	815.1	866.7
Capital	798.9	935.4	1,054.8	991.1	3,314.2	3,026.3	3,239.8	3,218.6	3,481.1	3,620.1
Operating and capital	1,406.6	1,568.0	1,685.4	1,644.5	4,008.7	3,717.1	3,985.1	4,054.6	4,296.2	4,486.9
Transfer payments	1,234.6	2,596.4	2,645.3	3,002.6	3,588.8	3,653.7	4,326.9	4,682.2	5,060.1	8,149.3
Gross expenditures	2,641.2	4,164.4	4,330.7	4,647.1	7,597.5	7,370.8	8,311.9	8,736.8	9,356.3	12,636.2
Federal transfers to provinces/territories	(33.3)	(33.4)	(37.4)	(35.0)	(1,703.5)	(1,692.7)	(2,017.8)	(2,408.6)	(1,819.6)	(2,780.8)
Net expenditures	2,607.9	4,131.0	4,293.3	4,612.1	5,894.0	5,678.1	6,294.1	6,328.2	7,536.8	9,855.4

Manitoba										
Operating	209.3	278.8	206.2	217.1	211.9	236.1	230.0	200.0	197.7	187.2
Capital	358.5	318.9	316.7	455.3	550.3	521.5	449.9	349.8	336.3	334.1
Operating and capital	567.8	597.8	522.9	672.4	762.2	757.6	679.9	549.8	534.0	521.3
Transfer payments	14.8	4.9	123.5	138.0	180.8	148.3	81.5	91.3	248.4	200.6
Gross expenditures	582.6	602.7	646.4	810.4	943.0	905.9	761.4	641.2	782.3	721.8
Federal transfers to provinces/territories:	0.0	(41.8)	(89.3)	(90.3)	(83.8)	(74.7)	(81.7)	(109.4)	(169.3)	(93.7)
Net expenditures	582.6	560.9	557.1	720.1	859.2	831.2	679.7	531.7	613.0	628.2
Saskatchewan										
Operating	275.5	241.3	240.4	265.2	236.6	243.8	211.9	220.8	238.2	262.7
Capital	295.9	299.3	349.3	391.6	517.4	851.5	887.5	627.8	399.3	451.3
Operating and capital	571.5	540.6	589.7	656.8	754.0	1,095.3	1,099.4	848.6	637.5	714.0
Transfer payments	26.9	42.1	37.0	36.9	23.7	24.1	53.6	48.0	50.2	54.8
Gross expenditures	598.4	582.6	626.7	693.7	777.7	1,119.4	1,153.0	896.6	687.7	768.8
Federal transfers to provinces/territories:	(55.0)	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)	(29.7)	(55.0)
Net expenditures	543.4	559.1	603.7	665.7	718.7	988.2	1,054.6	843.5	658.0	713.8
Alberta										
Operating	550.1	627.4	671.5	690.4	624.2	642.5	666.0	653.6	613.2	656.9
Capital	1,307.9	1,209.0	1,038.7	1,132.0	1,436.0	908.5	1,108.3	1,048.2	987.3	1,483.3
Operating and capital	1,858.1	1,836.4	1,710.2	1,822.3	2,060.2	1,551.0	1,774.4	1,701.8	1,600.5	2,140.2
Transfer payments	865.9	751.8	694.2	430.2	429.3	325.4	1,133.3	866.8	1,005.8	712.2
Gross expenditures	2,724.0	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,568.6	2,606.3	2,852.4
Federal transfers to provinces/territories:	(417.5)	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)	(662.5)	(417.0)
Net expenditures	2,306.5	2,245.2	2,200.3	1,966.1	2,256.9	1,608.4	2,584.2	2,114.3	1,943.8	2,435.4
British Columbia										
Operating	876.2	946.5	1,035.0	1,253.6	1,149.0	1,045.9	997.6	1,055.3	1,117.7	1,597.1
Capital	925.3	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0	957.2	1,290.2
Operating and capital	1,801.5	1,955.4	2,055.0	2,079.6	2,022.0	1,873.5	1,708.6	1,911.3	2,074.9	2,887.3
Transfer payments	495.5	415.6	393.5	387.8	435.5	460.6	510.2	574.4	572.5	970.6
Gross expenditures	2,297.0	2,371.0	2,448.5	2,467.4	2,457.5	2,334.1	2,218.8	2,485.7	2,647.4	3,857.9
Federal transfers to provinces/territories:	(172.5)	(174.5)	(155.2)	(121.4)	(191.7)	(141.1)	(149.8)	(59.5)	(54.0)	(231.2)
Net expenditures	2,124.5	2,196.5	2,293.3	2,346.0	2,265.8	2,193.0	2,069.0	2,426.2	2,593.4	3,626.7
Yukon										
Operating	50.9	54.6	59.6	62.6	65.9	66.2	66.3	66.9	67.1	68.3
Capital	48.3	59.0	53.0	62.3	57.7	55.3	59.0	82.5	84.9	89.4
Operating and capital	99.2	113.5	112.6	124.9	123.7	121.5	125.3	149.4	152.0	157.8
Transfer payments	0.0	0.0	1.0	0.5	0.5	0.7	1.2	0.4	0.5	0.7
Gross expenditures	99.3	113.6	113.5	125.4	124.2	122.2	126.5	149.8	152.5	158.5
Federal transfers to provinces/territories:	(8.5)	(8.2)	(5.7)	(19.1)	(15.1)	(21.2)	(29.0)	(13.7)	(18.0)	(26.9)
Net expenditures	90.8	105.4	107.9	106.3	109.1	101.1	97.5	136.1	134.5	131.5
Northwest Territories										
Operating	112.8	114.1	120.1	120.7	127.6	123.6	160.3	184.1	186.0	178.3
Capital	97.7	90.9	121.5	140.4	115.7	88.1	96.5	71.8	102.1	151.6
Operating and capital	210.4	204.9	241.6	261.0	243.3	211.7	256.8	255.9	288.0	329.8
Transfer payments	0.0	0.0	19.3	88.0	81.6	66.1	58.4	30.7	38.1	42.9
Gross expenditures	210.4	204.9	260.9	349.0	324.9	277.8	315.2	286.6	326.2	372.7
Federal transfers to provinces/territories:	(23.5)	(40.1)	(19.3)	(88.0)	(81.6)	(66.1)	(58.4)	(30.7)	(38.2)	(42.9)
Net expenditures	186.9	164.8	241.6	261.0	243.3	211.7	256.8	255.9	288.0	329.8
Nunavut										
Operating	20.7	24.7	26.7	24.7	27.5	28.2	37.0	47.6	45.8	50.7
Capital	16.1	16.6	73.5	63.1	92.4	70.2	73.1	29.6	8.8	17.9
Operating and capital	36.8	41.3	100.2	87.8	119.9	98.4	110.1	77.2	54.6	68.6
Transfer payments	2.4	18.5	23.5	3.4	6.7	0.0	6.9	1.9	0.3	7.3
Gross expenditures	39.2	59.8	123.7	91.2	126.6	98.4	117.0	79.1	54.9	75.9
Federal transfers to provinces/territories:	(17.4)	(18.5)	(40.8)	(3.4)	(6.7)	0.0	(6.9)	(1.9)	(0.3)	0.0
Net expenditures	21.8	41.3	82.9	87.8	119.9	98.4	110.1	77.2	54.6	75.9
Total (all provinces/territories)										
Operating	4,669.5	6,499.3	9,029.2	9,233.7	7,957.0	7,174.4	8,146.4	6,573.9	7,076.1	9,430.4
Capital	8,042.9	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	9,884.3	9,580.2	10,926.5
Operating and capital	12,712.4	15,245.4	17,699.4	17,504.2	18,146.7	17,382.5	18,360.9	16,458.2	16,656.3	20,356.9
Transfer payments	3,386.5	4,563.6	4,782.2	5,118.2	6,056.3	5,926.9	8,378.5	8,436.8	9,085.3	13,120.1
Gross expenditures	16,098.8	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,739.4	24,895.0	25,741.6	33,477.0
Federal transfers to provinces/territories:	(966.4)	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,152.4)	(3,566.3)	(3,377.0)	(4,332.6)
Net expenditures	15,132.4	18,743.0	21,752.7	21,768.1	21,612.7	20,723.0	23,587.0	21,328.7	22,364.6	29,144.4

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

2. Due to a change in reporting methods, the operating costs for Marine and Air in Manitoba were allocated to the road mode. This should be adjusted next year.

Figure EN1: Greenhouse Gas Emissions, by Economic Sector, 2019



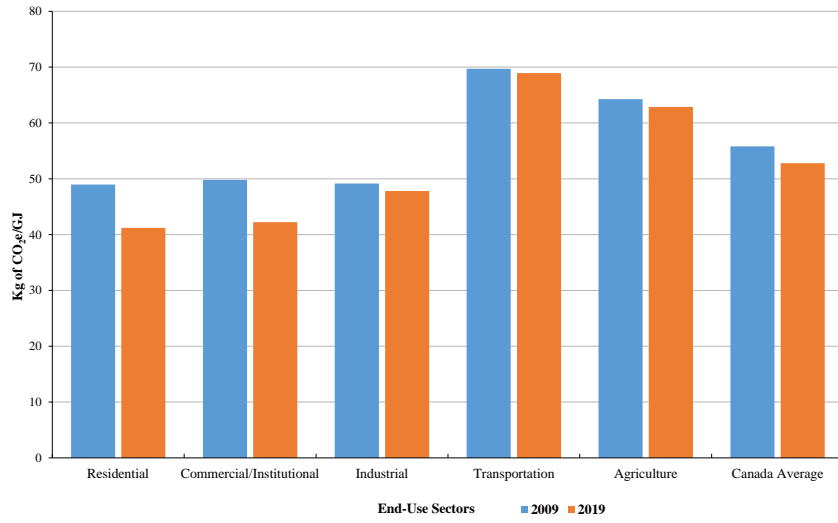
Note: Mt CO<sub>2</sub>e = Megatonnes of carbon dioxide equivalent. Totals may not add up due to rounding.

Source: Environment and Climate Change Canada, National Inventory Report

	Buildings	Electricity	Heavy Industry	Oil and Gas	Waste and Others	Agriculture	On-Road Passenger	On-Road Freight	Rail	Domestic Aviation	Domestic Marine	Other
2019	91	61	77	191	51	73	91	65	8	9	4	9

Source: Environment and Climate Change Canada, National Inventory Report 1990-2019

Figure EN2: Greenhouse Gas Intensity of End-Use Sectors, 2009 and 2019



Note: Kg of CO<sub>2</sub>e/GJ= Kilogram of carbon dioxide per gigajoule.

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 2000-2019

Greenhouse Gas Intensity of End-Use Sectors (Kg of CO<sub>2</sub>e/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Residential	53.9	56.0	55.0	55.8	54.5	53.4	52.8	52.6	51.1	49.0	49.7	47.1	45.6	44.5	43.8	44.4	43.3	43.0	41.4	41.2
Commercial	55.7	57.6	56.7	57.8	56.1	54.8	54.1	54.0	52.3	49.8	50.6	48.0	46.6	45.6	45.2	45.7	44.3	43.9	42.1	42.2
Industrial	50.7	52.6	50.8	51.8	50.1	50.0	50.1	50.9	50.5	49.2	50.7	49.8	49.0	47.7	47.1	47.9	48.1	47.5	47.7	47.8
Transportation	70.7	70.7	70.7	70.7	70.5	70.4	70.1	70.0	69.9	69.7	69.6	69.4	69.3	69.2	69.0	69.0	68.9	68.9	68.9	68.9
Agriculture	66.5	67.3	66.9	67.4	66.8	66.4	66.2	66.4	65.9	64.3	65.2	64.3	63.5	63.4	63.7	63.9	63.7	63.9	63.3	62.9
Canada Av	57.9	59.4	58.3	59.1	57.9	57.5	57.4	57.6	57.0	55.8	56.8	55.4	54.7	53.8	53.2	53.7	53.6	53.2	52.8	52.8

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 2000-2019

**Table EN3: Transportation Energy Consumption, by Type and Mode, 2011–2020**

(Petajoules, except where indicated)

	2011 <sup>R</sup>	2012 <sup>R</sup>	2013 <sup>R</sup>	2014 <sup>R</sup>	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020 <sup>P</sup>
<b>Overall final energy demand (all sectors and fuels)<sup>1</sup></b>	<b>7,952</b>	<b>7,934</b>	<b>8,158</b>	<b>8,257</b>	<b>8,236</b>	<b>8,128</b>	<b>8,464</b>	<b>8,890</b>	<b>8,928</b>	<b>8,129</b>
<b>Transportation<sup>2</sup></b>	<b>2,527</b>	<b>2,550</b>	<b>2,614</b>	<b>2,577</b>	<b>2,560</b>	<b>2,552</b>	<b>2,634</b>	<b>2,736</b>	<b>2,765</b>	<b>2,277</b>
<i>Transportation share of overall demand (per cent)</i>	<i>31.8</i>	<i>32.1</i>	<i>32.0</i>	<i>31.2</i>	<i>31.1</i>	<i>31.4</i>	<i>31.1</i>	<i>30.8</i>	<i>31.0</i>	<i>28.0</i>
<b>Transportation subtotals by mode</b>										
Railways	96	97	94	96	91	84	96	98	99	92
Airlines	204	239	249	246	252	257	281	318	319	143
Marine	104	98	94	84	77	67	72	73	84	75
Road transport and urban transit <sup>3</sup>	427	450	438	447	429	388	388	407	384	339
Retail pump sales	1,655	1,628	1,685	1,661	1,661	1,702	1,721	1,756	1,790	0
Manufacturing/Commercial fleets	40	39	54	43	49	54	77	84	90	79
<b>Transportation Demand: Breakdown by fuel and mode<sup>4</sup></b>										
<b>Gasoline</b>										
Retail pump sales	1,336	1,330	1,362	1,340	1,369	1,424	1,432	1,456	1,484	1,258
Road transport, urban transit and other fleets <sup>5</sup>	67	75	80	79	85	81	87	87	81	65
<b>Diesel</b>										
Retail pump sales	317	298	323	318	289	275	285	297	301	289
Road transport, urban transit and other fleets <sup>5</sup>	380	390	393	392	376	342	358	386	374	336
Railways	94	96	93	95	91	83	95	97	98	92
Marine	37	32	30	29	33	33	33	34	38	39
<b>Natural gas</b>										
Retail pump sales and fleets	2	2	1	4	4	4	5	5	5	5
<b>Gas plant natural gas liquids (NGL's)</b>										
Road transport and urban transit <sup>3</sup>	14	15	12	10	11	12	12	12	12	10
<b>Electricity</b>										
Road transport and urban transit <sup>3</sup>	4	4	4	4	4	4	4	4	5	5
<b>Aviation fuels</b>										
Aviation turbo fuels	202	237	248	244	250	256	279	316	317	141
Aviation gasoline	1	1	1	1	2	2	2	2	2	1
<b>Heavy fuel oils</b>										
Marine	61	63	59	51	41	N/A	37	39	45	35
<b>Other fuels</b>										
Air, marine, rail and road transport	12	8	8	8	6	36	4	3	3	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, 2000–2019**

(Mt CO<sub>2</sub>e)

<i>Year</i>	<i>Domestic Aviation</i>	<i>Rail</i>	<i>Domestic Marine</i>	<i>On-Road Passenger</i>	<i>On-Road Freight</i>	<i>Other</i>	<i>Total</i>
2000	7.8	6.6	3.7	75.5	36.9	14.5	144.9
2001	7.2	6.5	3.8	78.4	39.3	11.5	146.6
2002	7.0	6.0	3.9	80.2	39.4	11.2	147.7
2003	7.2	6.0	3.9	81.5	42.1	11.0	151.7
2004	7.6	6.2	4.0	82.1	44.5	11.6	156.1
2005	7.7	6.6	4.1	83.5	48.1	10.0	160.0
2006	7.8	6.9	4.0	82.9	49.5	9.9	161.0
2007	7.8	7.4	4.0	83.1	52.2	10.1	164.7
2008	7.5	7.8	3.9	81.7	53.7	9.9	164.7
2009	6.7	6.7	3.9	82.1	52.2	9.7	161.3
2010	6.7	6.6	3.8	83.6	56.4	10.1	167.2
2011	6.6	7.5	3.8	82.8	59.3	8.4	168.3
2012	7.6	7.6	3.7	82.3	61.2	8.0	170.5
2013	7.9	7.3	3.7	83.9	62.8	8.1	173.8
2014	7.6	7.5	3.6	82.5	61.7	8.5	171.5
2015	7.6	7.2	3.6	84.7	60.4	8.7	172.2
2016	7.6	6.6	3.6	87.7	59.5	8.6	173.6
2017	8.0	7.5	3.8	88.3	62.1	9.1	178.8
2018	8.7	7.7	4.0	89.7	64.9	9.3	184.3
2019	8.6	7.8	4.5	90.9	64.8	9.2	185.8

Notes: Historic data may be revised annually. Mt CO<sub>2</sub>e = Megatonnes of carbon dioxide equivalent.

Source: Environment and Climate Change Canada, National Inventory Report 1990-2019

**Table EN5: Air Pollutant Emissions from the Transportation Sector, by Type of Pollutant, 2010–2020**

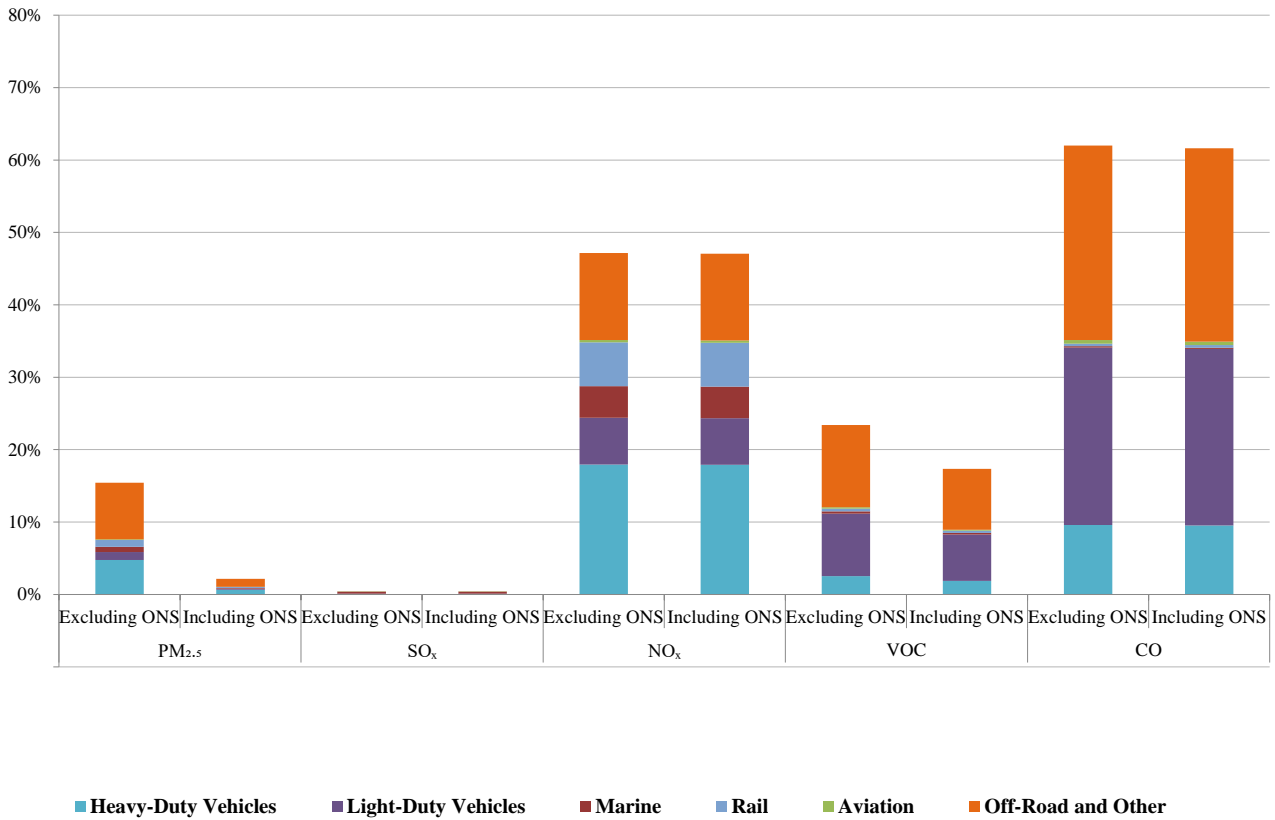
(Kilotonnes)

Year	SO <sub>x</sub>	NO <sub>x</sub>	PM <sub>2.5</sub>	VOC	CO
2010	31	1,020	57	502	4,049
2011	31	980	49	386	3,602
2012	30	910	44	350	3,346
2013	29	868	42	330	3,284
2014	29	803	39	310	3,145
2015	7	752	35	299	3,074
2016	7	708	31	277	3,009
2017	7	742	33	285	3,082
2018	7	770	34	292	3,141
2019	6	774	34	289	3,153
2020	3	682	31	256	2,880

Notes: Historic data may be revised annually. SO<sub>x</sub>= Sulphur oxide. NO<sub>x</sub>= Nitrogen oxide. PM<sub>2.5</sub>= 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 2010-2020

Figure EN6: Transportation Mode Share of Air Pollutant Emissions, 2020



Notes: ONS= Open and Natural Sources. GHG= Greenhouse Gas Emissions. SO<sub>x</sub>= Sulphur oxide. NO<sub>x</sub>= Nitrogen oxide. VOC= Volatile organic compounds. CO= Carbon monoxide. PM<sub>2.5</sub>= Particulate matter less than or equal to 2.5 microns.

Sources: Environment and Climate Change Canada, Air Pollutant Emissions Inventory 2020

	PM <sub>2.5</sub>		SO <sub>x</sub>		NO <sub>x</sub>		VOC		CO	
	Excluding C	Including C	Excluding C	Including C	Excluding C	Including C	Excluding C	Including C	Excluding C	Including ONS
Heavy-Duty	0.047773	0.006656	0.000364	0.000363	0.17938	0.178982	0.025502	0.018905	0.095995	0.095438
Light-Duty	0.010979	0.00153	0.000771	0.000771	0.064702	0.064558	0.08611	0.063835	0.245066	0.243645
Marine	0.006967	0.000971	0.002725	0.002724	0.043468	0.043372	0.003225	0.00239	0.001693	0.001683
Rail	0.009552	0.001331	7.54E-05	7.53E-05	0.060764	0.060629	0.003829	0.002838	0.003724	0.003703
Aviation	0.000938	0.000131	0.000514	0.000514	0.003202	0.003195	0.001764	0.001307	0.004773	0.004745
Off-Road a	0.078082	0.010878	0.000295	0.000295	0.120077	0.119811	0.113685	0.084276	0.268624	0.267066

Sources: Environment and Climate Change Canada, Air Pollutant Emissions Inventory 2021

**Table EN7: Aviation Greenhouse Gas Emission Intensity, by Region of Operation, 2009-2019**

<i>Region of Operation</i>	<i>Units</i>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Domestic	g CO <sub>2</sub> e/RTK	n.a.	n.a.	n.a.	1161	1151	1100	1089	1047	1053	1019	1014
International	g CO <sub>2</sub> e/RTK	n.a.	n.a.	n.a.	876	865	847	827	827	792	768	779
Overall	g CO <sub>2</sub> e/RTK	1002	982	976	960	951	923	916	885	860	832	837

Note: RTK = Revenue Tonne Kilometres, RPK = Revenue Passenger Kilometres. 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.

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

(millions of litres)

<i>Region of Operation</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>
Domestic	n.a.	n.a.	n.a.	2221	2289	2344	2383	2415	2583	2637	2535
International	n.a.	n.a.	n.a.	4035	4025	4235	4640	5140	5554	5900	5998
Total	5098	5659	6089	6256	6314	6579	7023	7555	8137	8537	8532

*Source: Canada's Aviation Action Plan Annual Reports*

**Table EN9: National Aerial Surveillance Program Key Metrics, 2010/11–2019/20**

<i>Fiscal Year</i>	<i>Patrol Hours</i>	<i>Vessel Over-Flights</i>	<i>Pollution Sightings</i>	<i>Oil Volume (litres)</i>
2010 - 2011	2,506	12,365	84	9,296
2011 - 2012	2,064	12,032	135	1,014
2012 - 2013	2,080	9,855	97	7,813
2013 - 2014	3,877	19,989	214	4,453
2014 - 2015	3,842	19,551	322	3,173
2015 - 2016	2,932	17,427	380	7,942
2016 - 2017	2,068	12,461	246	2,878
2017 - 2018	3,995	23,410	458	3,796
2018 - 2019	4,152	27,520	629	4,534
2019 - 2020	3,952	31,335	631	3,670
2020 - 2021	3,877	48,175	598	18,514

*Source: Transport Canada, Marine Safety*

**Table EN10: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2010–2019**

<i>Railway Operation</i>	<i>Units</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>
Class I Freight	kg CO <sub>2</sub> eq/1,000 RTK	16.34	16.08	15.72	14.88	14.36	14.06	13.51	13.56	13.45	13.49
Regional and Short Lines	kg CO <sub>2</sub> eq/1,000 RTK	14.6	14.51	12.51	12.56	14.15	13.15	12.16	14.08	15.02	14.77
Intercity Passenger	kg CO <sub>2</sub> eq/Pax-Km	0.123	0.123	0.109	0.100	0.100	0.102	0.102	0.098	0.097	0.089
Commuter Rail	kg CO <sub>2</sub> eq/Pax	2.05	2.18	2.10	2.02	1.96	2.34	2.23	2.43	2.37	2.33

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

Source: Railway Association of Canada, Locomotive Emissions Monitoring Report 2019

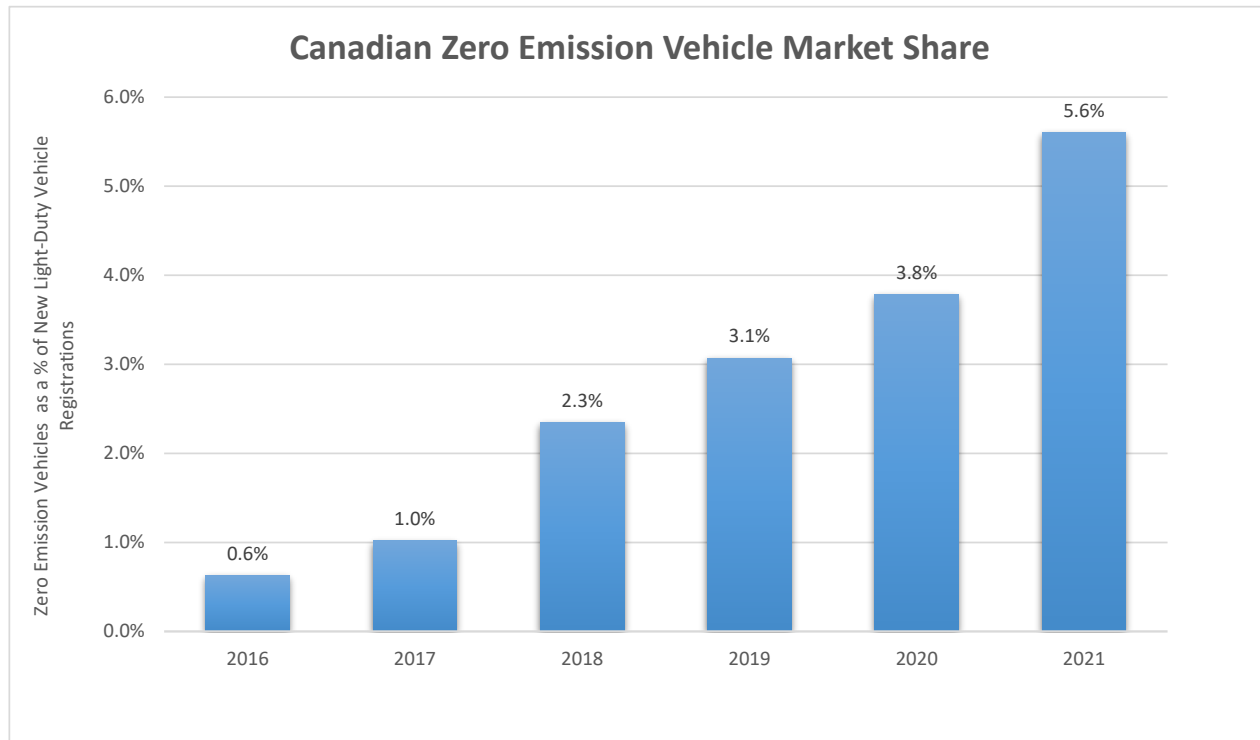
**Table EN11: Railway Fuel Consumption, 2011-2020**

(Millions of litres)

	2011	2012	2013	2014	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020
Class I	1,810.8	1,972.5	1,937.8	2,024.7	1,953.0	1,828.0	1,964.0	2,052.0	2,055.0	1,931.0
Regional	39.1	38.8	37.4	35.3	34.7	34.1	35.6	33.1	43.9	43.1
Short Line	50.6	47.0	47.1	47.7	62.4	73.8	89.1	83.3	87.4	84.7
<b>Total</b>	<b>1,900.6</b>	<b>2,058.3</b>	<b>2,022.2</b>	<b>2,107.6</b>	<b>2,050.1</b>	<b>1,935.9</b>	<b>2,088.7</b>	<b>2,168.4</b>	<b>2,186.3</b>	<b>2,058.8</b>

Note: R = Revised data.

Sources: Transport Canada, Statistics Canada



	2016	2017	2018	2019	2020	2021
<b>Zero Emission Vehicle Market Share</b>	0.6%	1.0%	2.3%	3.1%	3.8%	5.6%

Source: IHS Markit (2021). *New Vehicle Registration Data for Canada - Data as of December 31, 2021.*

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**Table S1: Summary of Transportation Safety Statistics for Aviation, Marine, Rail, Road and TDG, 2012–2021**

	Year	Aviation <sup>1</sup>	Marine <sup>2</sup>	Rail <sup>3</sup>	Road <sup>4</sup>	TDG <sup>5</sup>
<b>Accidents</b>	2021 <sup>P</sup>	156	156	1,038	N/A	356
	2020	145	216	988	79,990	316
	2019	189	201	1,256	105,792	429
	2018	152	221	1,168	111,334	446
	2017	190	222	1,088	114,412	386
	2016	185	259	897	118,321	293
	2015	207	209	1,044	119,550	331
	2014	189	244	1,048	116,292	386
	2013	233	253	1,095	122,143	393
	2012	222	209	1,049	124,682	395
<b>Fatalities</b>	2021 <sup>P</sup>	26	10	60	N/A	2
	2020	13	18	60	1,746	1
	2019	54	12	72	1,762	0
	2018	25	19	57	1,939	2
	2017	27	8	76	1,861	0
	2016	29	6	66	1,900	3
	2015	36	18	46	1,887	5
	2014	13	11	56	1,841	1
	2013	53	16	124	1,951	50
	2012	51	12	81	2,075	0
<b>Accident Rates</b>	2021 <sup>P</sup>	4.6	5.7	13.0	N/A	N/A
	2020	4.7	8.2	12.3	0.68	N/A
	2019	3.9	7.3	14.1	0.69	N/A
	2018	3.0	8.5	13.3	0.77	N/A
	2017	4.0	7.6	13.1	0.76	N/A
	2016	4.1	9.1	11.3	0.78	N/A
	2015	4.8	N/A	12.3	0.79	N/A
	2014	4.4	N/A	12.0	0.78	N/A
	2013	5.4	N/A	13.0	0.85	N/A
	2012	5.1	N/A	12.1	0.93	N/A

Notes: Data for the years 2012 - 2020 may have been revised. P= Preliminary data. E= Estimated data. N/A = Not available. TDG= Transportation of dangerous goods.

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

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

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

Reliable/Accurate exposure/activity level estimates (or denominator data) for the transportation of dangerous goods are not currently available.

**Comparing time periods:** The data reported are preliminary for 2021, 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 comparison 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, operating in Canada 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. The accident rate for 2020 has changed due to a revision of the total 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). An updated methodology for calculating the accident rate and detailed statistics can be found in Table S12.

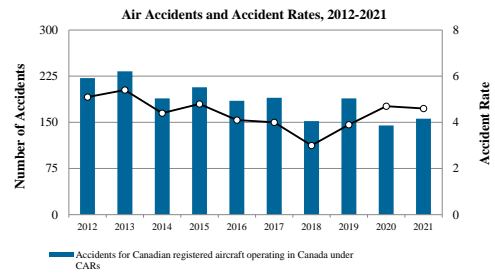
3 Railways under federal jurisdiction. Accident rates are per million train-miles. Train-miles include main track-miles and yard switching-miles.

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

5 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 marine vessels or by pipeline. 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. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

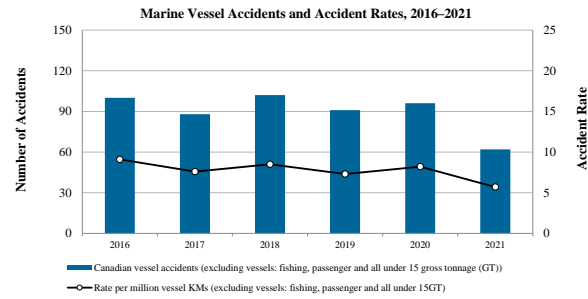
Sources: Transportation Safety Board, Transport Canada and Statistics Canada

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

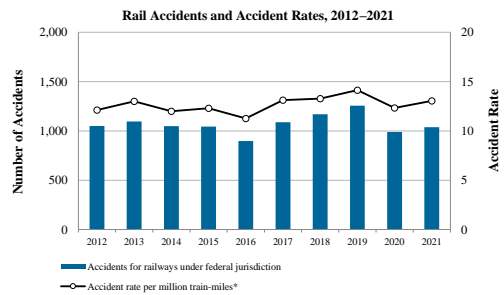


	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Accidents for Canadian register	222	233	189	207	185	190	152	189	145	156
Rate per 100,000 hours flown	5.1	5.4	4.4	4.8	4.1	4.0	3.0	3.9	4.7	4.6

Notes: R= Revised data, P= Preliminary data, E= Estimated data, N/A = Not available, TDG= Transportation of dangerous goods.  
 Note: The accident rate for 2020 has changed due a revision of the total hours flown.

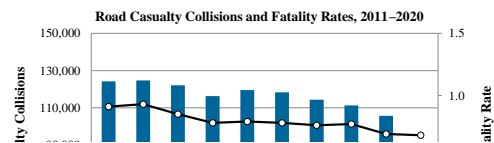


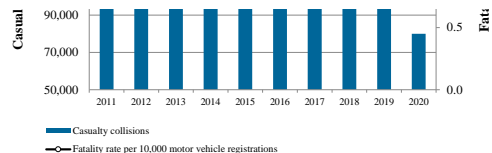
Marine Raw Data	2016	2017	2018	2019	2020	2021
Canadian vessel accidents (excl)	100	88	102	91	96	62
Rate per million vessel KMs (ex)	9.1	7.6	8.5	7.3	8.2	5.7



Rail Accidents and Accident Rates	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Accidents for railways under federal jurisdiction	1049	1095	1048	1044	897	1088	1168	1256	988	1038
Accident rate per million train-miles*	12.1	13.0	12.0	12.3	11.3	13.1	13.3	14.1	12.3	13.0

\* Train-miles include main track miles and yard switching miles.





Road	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Casualty collisions	124199	124682	122143	116292	119550	118321	114412	111334	105,792	79,990
Fatality rate per 10,000 motor v	0.91	0.93	0.85	0.78	0.79	0.78	0.76	0.77	0.69	0.68

Notes: Road data on accidents and casualties were not available for 2021. GT = gross tons. CARs = Canadian Aviation Regulations.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

Table S3: Railways Under Federal Jurisdiction, Accidents and Incidents, 2012–2021

	2012	2013	2014	2015 <sup>R</sup>	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>	Average 2012 - 2021
<b>Accident Type</b>											
Crossing collision	192	184	185	165	133	143	167	178	130	135	161.2
Trespasser accident	71	56	54	50	68	77	68	56	60	64	62.4
Main-track train derailment	67	84	100	74	58	81	87	93	70	76	79.0
Main-track train collision	6	4	9	4	5	3	5	4	7	3	5.0
Non-main-track train derailment	530	549	481	523	435	541	599	606	492	400	515.6
Non-main track train collision	101	93	106	92	69	103	101	112	67	61	90.5
Derailment involving track unit	7	18	7	11	7	24	16	19	15	16	14.0
Collision involving track unit	18	23	20	32	16	21	32	31	24	34	25.1
Employee accident	5	8	10	9	11	13	8	14	9	7	9.4
Passenger accident	2		3	6	5	4	5	1		3	3.6
Rolling stock with object	18	32	22	20	36	30	31	30	30	42	29.1
Rolling stock with abandoned vehicle	7	10	2	6	7	3	9	7	4	3	5.8
Rolling stock damage without derailment/collision	8	23	13	20	12	12	6	5	1	5	10.5
Fire	17	11	36	32	35	33	34	100	78	189	56.5
Other accidents									1		1.0
<b>Total Accidents</b>	<b>1,049</b>	<b>1,095</b>	<b>1,048</b>	<b>1,044</b>	<b>897</b>	<b>1,088</b>	<b>1,168</b>	<b>1,256</b>	<b>988</b>	<b>1,038</b>	<b>1067.1</b>
<b>Incident Type</b>											
Main-track switch in abnormal position	5	7	6	12	7	12	7	15	3	13	8.7
Movement exceeds limits of authority	120	98	129	142	133	122	138	136	149	109	127.6
Signal less restrictive than required	1	1	2	5	1	1	2		1		1.8
Unprotected overlap of authorities	5	4	5	6	4	2	11	6	5	4	5.2
Runaway rolling stock	13	14	11	14	10	14	15	16	19	13	13.9
Crew member incapacitated	1	6	1	2	1	4	5		1		2.6
Dangerous goods leakage	93	94	63	33	7						58.0
Main-track train derailment <sup>1</sup>			2	3	5	3	4	3	1	2	2.9
Non-main-track train derailment <sup>1</sup>			166	125	97	67	96	58	32	39	85.0
Non-main track train collision <sup>1</sup>			8	4	4	2	2		1	2	3.3
Derailment involving track unit <sup>1</sup>			7	10	13	5	5	7	9	4	7.5
Rolling stock with object <sup>2</sup>			6	10	14	3		1	2	6	6.0
Rolling stock with abandoned vehicle <sup>2</sup>			1	5	5		1		1	1	2.3
Other incidents	0	0	0	1	0	0	0	1	5	1	0.8
<b>Total Incidents</b>	<b>238</b>	<b>224</b>	<b>407</b>	<b>372</b>	<b>301</b>	<b>235</b>	<b>286</b>	<b>243</b>	<b>229</b>	<b>194</b>	<b>272.9</b>
<b>Million Train-Miles (MTM)<sup>3</sup></b>	<b>86.6</b>	<b>84.3</b>	<b>87.4</b>	<b>85.0</b>	<b>79.6</b>	<b>82.9</b>	<b>88.0</b>	<b>88.9</b>	<b>80.2</b>	<b>79.6</b>	<b>84.3</b>
<b>Accidents per MTM - Accident Rate</b>	<b>12.1</b>	<b>13.0</b>	<b>12.0</b>	<b>12.3</b>	<b>11.3</b>	<b>13.1</b>	<b>13.3</b>	<b>14.1</b>	<b>12.3</b>	<b>13.0</b>	<b>12.7</b>
<b>Accident Fatalities</b>											
Crossing collision	33	30	21	15	19	19	19	28	18	16	21.8
Trespasser accident	44	42	32	30	47	53	34	38	40	42	40.2
Other	4	52	3	1	0	4	4	6	2	2	7.8
<b>Total Fatalities</b>	<b>81</b>	<b>124</b>	<b>56</b>	<b>46</b>	<b>66</b>	<b>76</b>	<b>57</b>	<b>72</b>	<b>60</b>	<b>60</b>	<b>69.8</b>
<b>Accident Injuries</b>											
Crossing collision	32	27	29	18	24	22	42	31	12	24	26.1
Trespasser accident	22	10	21	17	20	22	30	17	20	17	19.6
Other	19	2	3	15	12	21	19	17	8	10	12.6
<b>Total Injuries</b>	<b>73</b>	<b>39</b>	<b>53</b>	<b>50</b>	<b>56</b>	<b>65</b>	<b>91</b>	<b>65</b>	<b>40</b>	<b>51</b>	<b>58.3</b>
<b>Dangerous Goods Involved in Accidents</b>	<b>120</b>	<b>141</b>	<b>143</b>	<b>126</b>	<b>99</b>	<b>115</b>	<b>123</b>	<b>169</b>	<b>81</b>	<b>86</b>	<b>120.3</b>
<b>Passenger Train Accidents</b>	<b>47</b>	<b>45</b>	<b>48</b>	<b>46</b>	<b>57</b>	<b>51</b>	<b>67</b>	<b>47</b>	<b>32</b>	<b>41</b>	<b>48.1</b>
<b>Passenger Train-Miles (PTM)<sup>4</sup></b>	<b>6.3</b>	<b>6.1</b>	<b>6.0</b>	<b>6.1</b>	<b>6.5</b>	<b>5.9</b>	<b>6.8</b>	<b>6.9</b>	<b>2.8</b>	<b>3.7</b>	<b>5.7</b>
<b>Passenger Rate</b>	<b>7.5</b>	<b>7.4</b>	<b>8.1</b>	<b>7.5</b>	<b>8.7</b>	<b>8.7</b>	<b>9.8</b>	<b>6.8</b>	<b>11.3</b>	<b>11.2</b>	<b>8.7</b>

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 Web site: <http://www.tsb.gc.ca/eng/stats/raill/2011/ss11.asp#AppB>.

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

<sup>3</sup> Train-miles include main track-miles and yard switching miles.

<sup>4</sup> 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, 2012 – 2021

Province/Territory	Data	2012	2013	2014	2015 <sup>R</sup>	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>	Average 2012 - 2022
<b>Alberta</b>	Occurrences	271	275	247	185	152	198	240	244	201	212	222.5
	Fatalities	12	13	7	6	8	8	8	11	15	8	9.6
	Injuries (serious)	12	6	10	10	10	11	10	15	5	10	9.9
<b>British Columbia</b>	Occurrences	167	181	170	186	163	207	228	212	204	206	192.4
	Fatalities	8	8	11	8	17	11	12	11	10	5	10.1
	Injuries (serious)	10	4	10	14	10	15	10	10	12	14	10.9
<b>Manitoba</b>	Occurrences	134	115	123	122	101	119	107	134	118	101	117.4
	Fatalities	5	2	2	2	4	3	3	7	6	2	3.6
	Injuries (serious)	9	1	8	2	7	8	10	2	4	4	5.5
<b>New Brunswick</b>	Occurrences	13	9	26	24	21	12	12	17	11	14	15.9
	Fatalities	2	1	0	1	2	0	2	1	0	0	0.9
	Injuries (serious)	0	0	0	0	1	0	0	1	1	1	0.4
<b>Newfoundland and Labrador</b>	Occurrences	4	3	0	9	14	17	14	10	11	19	10.1
	Fatalities	0	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	2	0	0	0.2
<b>Northwest Territories and Nunavut</b>	Occurrences	0	2	1	1	0	1	0	0	0	1	0.6
	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
<b>Nova Scotia</b>	Occurrences	6	3	5	6	6	12	10	6	16	9	7.9
	Fatalities	0	0	0	0	2	1	0	0	0	0	0.3
	Injuries (serious)	0	0	0	0	0	0	2	2	3	0	0.7
<b>Ontario</b>	Occurrences	201	232	238	259	210	252	263	305	207	232	239.9
	Fatalities	33	39	20	18	22	33	21	28	16	35	26.5
	Injuries (serious)	31	18	9	12	14	19	23	20	10	16	17.2
<b>Quebec</b>	Occurrences	129	110	114	149	135	162	140	186	126	109	136.0
	Fatalities	9	53	13	9	5	17	10	6	11	9	14.2
	Injuries (serious)	4	4	8	3	10	9	22	4	2	3	6.9
<b>Saskatchewan</b>	Occurrences	124	165	124	103	95	108	154	142	94	135	124.4
	Fatalities	12	8	3	2	6	2	1	8	2	1	4.5
	Injuries (serious)	6	5	7	7	4	3	10	9	2	3	5.6
<b>Total Occurrences</b>		<b>1,049</b>	<b>1,095</b>	<b>1,048</b>	<b>1,044</b>	<b>897</b>	<b>1,088</b>	<b>1,168</b>	<b>1,256</b>	<b>988</b>	<b>1,038</b>	<b>1067.1</b>
<b>Total Fatalities</b>		<b>81</b>	<b>124</b>	<b>56</b>	<b>46</b>	<b>66</b>	<b>75</b>	<b>57</b>	<b>72</b>	<b>60</b>	<b>60</b>	<b>69.7</b>
<b>Total Injuries</b>		<b>72</b>	<b>38</b>	<b>52</b>	<b>48</b>	<b>56</b>	<b>65</b>	<b>87</b>	<b>65</b>	<b>39</b>	<b>51</b>	<b>57.3</b>

Notes: P – Preliminary, R – Revised.

Source: Transport Canada, adapted from the Transportation Safety Board

**Table S5: Railways Under Federal Jurisdiction, Crossing and Trespasser Accidents, 2012–2021**

	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>	Average 2012 - 2021
<b>Crossing Collisions</b>	192	184	185	165	133	143	167	178	130	135	161.2
Public automated	97	107	86	79	69	70	86	86	54	57	79.1
Public passive	73	65	68	52	36	47	50	49	56	56	55.2
Private	18	10	27	28	24	21	30	40	18	22	23.8
Farm	4	2	4	6	4	5	1	3	2	0	3.1
Unknown											0.0
<b>Trespasser Accidents</b>	<b>71</b>	<b>56</b>	<b>54</b>	<b>51</b>	<b>68</b>	<b>77</b>	<b>68</b>	<b>56</b>	<b>60</b>	<b>64</b>	<b>62.5</b>
<b>Fatalities</b>	<b>44</b>	<b>42</b>	<b>32</b>	<b>30</b>	<b>47</b>	<b>53</b>	<b>34</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>40.2</b>
<b>Serious Injuries</b>	<b>22</b>	<b>10</b>	<b>21</b>	<b>17</b>	<b>20</b>	<b>22</b>	<b>30</b>	<b>17</b>	<b>20</b>	<b>17</b>	<b>19.6</b>
Alberta	9	7	10	5	10	8	10	14	12	6	9.1
British Columbia	11	8	13	12	21	17	12	8	12	11	12.5
Manitoba	2	2	2	1	4	4	3	2	3	1	2.4
New Brunswick	1	0	0	1	1	0	0	1	1	1	0.6
Newfoundland and Labrador	0	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	0	0	0	0	1	1	0	0	2	1	0.5
Ontario	31	30	21	23	25	34	30	21	21	35	27.1
Quebec	11	7	6	5	3	12	12	6	8	7	7.7
Saskatchewan	6	2	2	4	3	1	1	4	1	2	2.6

Notes: P = Preliminary, R = Revised.

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), 2011–2020**

<i>Year</i>	<i>Casualty Collisions<sup>1R</sup></i>	<i>Fatalities<sup>2R</sup></i>	<i>Injuries<sup>3R</sup></i>	<i>MVR (thousands)</i>	<i>Vehicle-Kilometres (millions)</i>	<i>Fatality Rate/10,000 MVR</i>	<i>Injury Rate/10,000 MVR</i>	<i>Fatality Rate/Billion Vehicle-Kms</i>	<i>Injury Rate<sup>R</sup>/Billion Vehicle-Kms</i>
2011	124,199	2,023	167,741	22,247	337,433	0.9	75.4	6.0	497.1
2012	124,682	2,075	166,727	22,366	340,475	0.9	74.5	6.1	489.7
2013	122,143	1,951	164,525	23,006	352,367	0.8	71.5	5.5	466.9
2014	116,292	1,841	156,557	23,539	346,269	0.8	66.5	5.3	452.1
2015	119,550	1,887	160,806	23,924	367,410	0.8	67.2	5.1	437.7
2016	118,321	1,900	158,854	24,270	386,630	0.8	65.5	4.9	410.9
2017	114,412	1,861	152,773	24,567	389,758	0.8	62.2	4.8	392.0
2018	111,334	1,939	149,065	25,061	394,623	0.8	59.5	4.9	377.7
2019R	105,792	1,762	140,801	25,422	407,997	0.7	55.4	4.3	345.1
2020P	79,990	1,746	104,286	25,820	372,499	0.7	40.4	4.7	280.0
2011–2020 Average	113,672	1,899	152,214	24,022	369,546	0.8	63.8	5.2	414.9

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

Data for Ontario and Alberta are preliminary for 2019 and 2020. 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: 2011–2020: Statistics Canada, Table 23-10-0067-01

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, "Canadian Vehicle Survey". Vehicle-kilometres are estimated for 2011–2020

**Table S7: Road Casualty Rates (Fatalities and Injuries per Billion Vehicle-Kilometres) by Province/Territory, 2019 and 2020**

	Fatalities <sup>1</sup>		Injuries <sup>2</sup>	
	2019 <sup>R</sup>	2020 <sup>P</sup>	2019 <sup>R</sup>	2020 <sup>P</sup>
<b>Canada</b>	<b>4.4</b>	<b>4.7</b>	<b>353.3</b>	<b>272.7</b>
Newfoundland and Labrador	7.2	11.8	480.3	453.0
Prince Edward Island	9.4	10.6	378.4	325.8
Nova Scotia	5.9	6.0	590.3	498.3
New Brunswick	5.5	6.3	294.5	340.7
Quebec	4.1	4.8	429.3	338.8
Ontario	3.8	4.0	307.7	238.4
Manitoba	4.9	3.8	743.0	351.3
Saskatchewan	4.6	6.6	270.1	265.5
Alberta	3.7	4.0	228.5	182.3
British Columbia	6.4	5.6	381.7	283.1
Yukon	14.0	5.6	223.3	260.1
Northwest Territories	13.9	9.2	177.8	160.9
Nunavut	47.6	47.6	595.2	595.2

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

Data for Ontario and Alberta are preliminary. 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

**Table S8: Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2015–2020**

<i>Vehicle Type</i>	<i>2015R</i>	<i>2016R</i>	<i>2017R</i>	<i>2018R</i>	<i>2019R</i>	<i>2015-2019 Average</i>	<i>2020E</i>
<b>Commercial Vehicles</b>							
All buses	33	31	28	33	13	28	21
Straight trucks > 4,536 kg	122	122	140	135	127	129	119
Tractor-trailers	206	220	264	220	235	229	179
<b>Total Commercial Vehicles</b>	<b>361</b>	<b>373</b>	<b>432</b>	<b>388</b>	<b>375</b>	<b>386</b>	<b>319</b>
Non-commercial vehicles involved with NSC vehicles <sup>1</sup>	340	374	373	353	363	361	286
<b>Total vehicles in collisions involving commercial vehicles</b>	<b>701</b>	<b>747</b>	<b>805</b>	<b>741</b>	<b>738</b>	<b>746</b>	<b>605</b>
Total all other vehicles involved	<b>2,025</b>	<b>2,148</b>	<b>2,029</b>	<b>2,163</b>	<b>1,959</b>	<b>2,065</b>	<b>1,973</b>
<b>Total of all vehicles involved</b>	<b>2,726</b>	<b>2,895</b>	<b>2,834</b>	<b>2,904</b>	<b>2,697</b>	<b>2,811</b>	<b>2,578</b>

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

Data for Ontario and Alberta are preliminary for 2019 and 2020. Data for New Brunswick were estimated.

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

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

**Table S9: Fatalities<sup>1</sup> Resulting from Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2015–2020**

<i>Vehicle Type</i>	<i>2015</i>	<i>2016R</i>	<i>2017R</i>	<i>2018E</i>	<i>2019E</i>	2015-2019 Average	<i>2020E</i>
All buses	3	5	5	20	0	7	0
Straight trucks > 4,536 kg	17	16	20	24	17	19	17
Tractor-trailers	25	36	43	30	32	33	30
<b>Commercial vehicle occupant total</b>	<b>45</b>	<b>57</b>	<b>68</b>	<b>74</b>	<b>50</b>	<b>59</b>	<b>47</b>
Occupants of other vehicles involved with commercial vehicles	299	253	276	235	246	262	210
Bicyclists	7	13	11	10	8	10	11
Pedestrians	40	50	48	53	49	48	47
<b>Total fatalities in collisions involving commercial vehicles</b>	<b>391</b>	<b>373</b>	<b>403</b>	<b>372</b>	<b>353</b>	379	<b>315</b>
Fatalities in all other collisions	1,496	1,527	1,458	1,567	1,409	1491	1,431
<b>Total</b>	<b>1,887</b>	<b>1,900</b>	<b>1,861</b>	<b>1,939</b>	<b>1,762</b>	<b>1870</b>	<b>1,746</b>

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

Data for Ontario and Alberta are preliminary for 2019 and 2020. 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.

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

**Table S10: Fatalities<sup>1</sup> by Road User Class, 2014–2019**

<i>Road User Class</i>	<i>2015R</i>	<i>2016R</i>	<i>2017R</i>	<i>2018R</i>	<i>2019E</i>	<i>2015-2019 Average</i>	<i>2020E</i>
Drivers	907	875	954	936	867	908	835
Passengers	353	333	318	351	295	330	269
Pedestrians	299	356	304	338	315	322	286
Bicyclists	49	49	40	45	38	44	51
Motorcyclists	211	214	199	206	187	203	242
Not stated	68	73	46	63	60	62	63
<b>Total</b>	<b>1,887</b>	<b>1,900</b>	<b>1,861</b>	<b>1,939</b>	<b>1,762</b>	<b>1,870</b>	<b>1,746</b>

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

Data for Ontario and Alberta are preliminary for 2019 and 2020. 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.

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

**Table S11: Vehicles Involved in Fatal Collisions by Vehicle Type, 2015–2020**

<i>Vehicle Types</i>	<i>2015</i>	<i>2016R</i>	<i>2017R</i>	<i>2018R</i>	<i>2019</i>	2015-2019 Average	<i>2020E</i>
Automobile	1,298	1,394	1,362	1,414	<sup>R</sup>	1,359	1200
Passenger vans	171	155	172	180	1329	165	139
Light utility vehicles	62	83	60	79	148	71	69
Pickup trucks	351	370	349	354	69	350	321
Cargo vans	31	30	38	31	328	31	25
Other trucks/vans < 4,536kg	101	97	90	98	27	95	90
Trucks:					89		
Tractor-trailers	206	220	264	220		229	179
Trucks > 4,536 kg	122	122	140	135	235	129	119
Bus					127		
School	10	12	9	10		9	8
Urban	11	8	9	11	5	8	9
Intercity	4	1	2	2	2	2	2
Bus unspecified	8	10	8	10	2	8	2
Motorcycles and mopeds	209	230	206	213	4	209	251
Bicycles	51	58	40	46	188	48	53
Farm and construction equipments	13	32	24	19	43	22	19
Snowmobiles	16	8	9	6	20	10	5
Streetcars	5	3	3	5	9	4	0
Motorhomes	5	2	4	7	4	5	7
Off-road vehicles	30	30	17	32	9	27	37
Fire engines	1	0	0	2	27	1	1
Others	14	12	13	8	1	12	19
Unknown vehicle types	7	18	15	22	15	16	23
					16		
<b>Total</b>	<b>2,726</b>	<b>2,895</b>	<b>2,834</b>	<b>2,904</b>	<b>2,697</b>	<b>2,811</b>	<b>2,578</b>

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

Data for Ontario and Alberta are preliminary for 2019 and 2020. Data for New Brunswick were estimated.

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

Table S12: Marine Occurrences, 2016–2021

	2016R	2017R	2018R	2019R	2020R	2021P	2016-2020 average
<b>Canadian Vessels</b>							
<b>Accidents</b>	<b>259</b>	<b>222</b>	<b>221</b>	<b>201</b>	<b>216</b>	<b>156</b>	223.8
<b>Shipping Accidents</b>	<b>227</b>	<b>189</b>	<b>180</b>	<b>152</b>	<b>178</b>	<b>124</b>	185.2
Abandoned	1	1	0	0	0	1	0.4
Capsizes	5	4	7	2	2	4	4.0
Collision	31	36	24	14	24	9	25.8
Explosion	1	0	1	1	1	2	0.8
Fire	43	26	29	24	34	35	31.2
Grounding	58	47	50	42	43	28	48.0
Sank	23	19	15	15	17	13	17.8
Striking	42	31	37	36	45	23	38.2
Sustains Damage Render Unseaworthy/Unfit For Purpose	23	25	17	18	12	9	19.0
<b>Accident Aboard Ship</b>	<b>32</b>	<b>33</b>	<b>41</b>	<b>49</b>	<b>38</b>	<b>32</b>	38.6
<b>Fatalities</b>	<b>6</b>	<b>8</b>	<b>19</b>	<b>12</b>	<b>18</b>	<b>10</b>	12.6
Shipping Accident	6	4	14	1	12	8	7.4
Accident Aboard Ship	0	4	5	11	6	2	5.2
<b>Injuries</b>	<b>37</b>	<b>33</b>	<b>41</b>	<b>40</b>	<b>35</b>	<b>32</b>	37.2
Shipping Accident	5	3	3	5	2	4	3.6
Accident Aboard Ship	32	30	38	35	33	28	33.6
<b>Type of Vessels Involved in Shipping Accidents (by Vessel Category)</b>	<b>269</b>	<b>220</b>	<b>212</b>	<b>168</b>	<b>211</b>	<b>143</b>	216.0
<b>Commercial</b>	<b>161</b>	<b>128</b>	<b>131</b>	<b>110</b>	<b>124</b>	<b>90</b>	130.8
Barge	17	15	25	15	21	11	18.6
Cargo - Liquid	6	8	2	3	5	5	4.8
Cargo - Solid	22	13	28	24	31	15	23.6
Ferry	21	12	11	18	16	14	15.6
Passenger	14	17	11	17	10	9	13.8
Survey/Research	2	1	0	2	1	2	1.2
Service Ship	53	35	27	23	18	15	31.2
Tug	22	27	27	6	22	19	20.8
Sailing Vessel	3	0	0	0	0	0	0.6
Other	1	0	0	2	0	0	0.6
<b>Fishing</b>	<b>92</b>	<b>78</b>	<b>70</b>	<b>54</b>	<b>77</b>	<b>43</b>	74.2
<b>Non-commercial</b>	<b>16</b>	<b>14</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>10</b>	11.0
<b>Commercial Accident Rate</b>							
Commercial vessel accidents (>15 GT, Canadian, non-fishing, non-passenger)	100	88	102	91	96	62	95.4
Million vessel-kms	11.0	11.6	12.0	12.5	11.7	10.8	11.8
Accident Rate/million vessel-kms	9.1	7.6	8.5	7.3	8.2	5.7	8.1
Vessel transits	59,555	64,434	69,661	70,087	59,688	59,282	64,685
Accident Rate/thousand vessel trips	1.7	1.4	1.5	1.3	1.6	1.0	1.5
<b>Vessels Lost</b>	<b>17</b>	<b>9</b>	<b>13</b>	<b>9</b>	<b>14</b>	<b>9</b>	12.4
Commercial	2	0	3	3	1	3	1.8
Fishing	13	9	10	6	13	6	10.2
<b>Incident</b>	<b>611</b>	<b>692</b>	<b>689</b>	<b>708</b>	<b>675</b>	<b>632</b>	675.0
<b>Foreign Vessels</b>							
<b>Accidents</b>	<b>48</b>	<b>56</b>	<b>69</b>	<b>66</b>	<b>47</b>	<b>59</b>	57.2
Shipping Accident	37	43	53	55	42	50	46.0
Accident Aboard Ship	11	12	16	11	5	9	11.0
<b>Type of Vessels Involved in Shipping Accidents (by Vessel Category)</b>	<b>52</b>	<b>57</b>	<b>55</b>	<b>61</b>	<b>48</b>	<b>52</b>	54.6
Commercial	33	36	41	55	43	42	41.6
Fishing	8	9	14	6	5	10	8.4
<b>Fatalities</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>1</b>	2.4
Shipping Accident	0	0	0	3	0	1	0.6
Accident Aboard Ship	1	3	3	2	0	0	1.8
<b>Injuries</b>	<b>11</b>	<b>13</b>	<b>20</b>	<b>13</b>	<b>6</b>	<b>10</b>	12.6
Shipping Accident	0	2	5	5	0	0	2.4
Accident Aboard Ship	11	9	15	8	6	10	9.8
<b>Vessels Lost</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	1.2
<b>Incident</b>	<b>157</b>	<b>193</b>	<b>243</b>	<b>241</b>	<b>250</b>	<b>227</b>	216.8
<b>Total Marine Occurrences</b>							
<b>Accidents</b>	<b>307</b>	<b>277</b>	<b>290</b>	<b>267</b>	<b>263</b>	<b>215</b>	280.8
Shipping Accident	264	232	233	207	220	174	231.2
Accident Aboard Ship	43	45	57	60	43	41	49.6
<b>Fatalities</b>	<b>7</b>	<b>11</b>	<b>22</b>	<b>17</b>	<b>18</b>	<b>11</b>	15.0
<b>Injuries</b>	<b>48</b>	<b>46</b>	<b>61</b>	<b>53</b>	<b>41</b>	<b>42</b>	49.8
<b>Vessels Involved in Shipping Accidents</b>	<b>321</b>	<b>277</b>	<b>267</b>	<b>229</b>	<b>259</b>	<b>195</b>	270.6
<b>Vessels Lost</b>	<b>19</b>	<b>12</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>13</b>	13.6
<b>Incidents (Mandatory reporting)</b>	<b>768</b>	<b>885</b>	<b>932</b>	<b>949</b>	<b>925</b>	<b>859</b>	891.8

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

Transport Canada adopted an adjusted methodology to generate the data in this table. It is not directly comparable to previous versions of S12 from past editions of the Statistical Addendum.

The category "Type of Vessels Involved in Shipping Accidents (by Vessel Category)" represents the number of vessels involved, not the number of occurrences.

The term "Commercial" includes all the activities in Transportation Safety Board's (TSB's) MARSIS database (under "Primary Activity Category") except "Government - General", "Not Engaged in Commercial Act", "Fishing" and "Unknown."

The term "Fishing" includes "Fishing" and "Unknown" categories in TSB's MARSIS ("Primary Activity Category").

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.

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 Canadian Port Authorities.

The number of kilometers 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 vessels travelling within the limit of 12 nm territorial sea and converted to Kilometers using a factor of 1.852

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

TC's commercial accident rate differs slightly from the TSB's rate due to the capture of passenger vessels data by TC.

For international voyages, vessel-kilometres are calculated within territorial seas (12 nautical mile limit).

Injuries include both serious and minor injuries.

All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2020/sssm-ssmo-2020.html#4.0>

Source: Transportation Safety Board, Transport Canada, Canadian Coast Guard, Automated Information System (AIS)

**Table S13: Small Canadian Vessels Engaged in Commercial Activity—Marine Occurrences, 2016–2021**

	2016R	2017R	2018R	2019R	2020R	2021P	2016 - 2020 Average
<b>Total Accidents</b>	<b>86</b>	<b>62</b>	<b>52</b>	<b>50</b>	<b>53</b>	<b>41</b>	<b>61</b>
Shipping Accident	80	57	46	41	51	34	55
Accident Aboard Ship	6	5	6	9	2	7	6
<b>Vessels Involved in Shipping Accidents (By type of vessel)</b>	<b>99</b>	<b>64</b>	<b>57</b>	<b>45</b>	<b>60</b>	<b>41</b>	<b>65</b>
Barge	0	0	1	1	0	0	0
Cargo - Liquid	0	0	0	0	0	0	0
Cargo - Solid	1	0	0	0	0	0	0
Ferry	2	0	0	0	0	2	0
Passenger	5	10	8	9	7	6	8
Survey/Research	0	0	0	0	1	0	0
Service Ship	27	17	8	12	8	6	14
Tanker	0	0	0	0	0	0	0
Tug	14	10	10	1	7	10	8
Sailing Vessel	0	0	0	0	0	0	0
Ships Boat	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Fishing	50	27	30	22	37	17	33
<b>Fatalities</b>	<b>6</b>	<b>4</b>	<b>12</b>	<b>9</b>	<b>5</b>	<b>7</b>	<b>7</b>
<b>Injuries</b>	<b>10</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>4</b>	<b>8</b>	<b>8</b>
<b>Vessels Lost</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>7</b>
<b>Incident</b>	<b>236</b>	<b>259</b>	<b>272</b>	<b>240</b>	<b>201</b>	<b>203</b>	<b>242</b>

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

Transport Canada adopted an adjusted methodology to generate the data in this table. It is not directly comparable to previous versions of S13 from past editions of the Statistical Addendum.

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 gross tonnage (GT) are under 15 GT, and these vessels are identified in this table.

All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2020/ssem-ssmo-2020.html#4.0>

Source: Transportation Safety Board

Table S14: Small Canadian Vessels Engaged in Commercial Fishing Activity—Marine Occurrences, 2016–2021

	2016R	2017R	2018R	2019R	2020R	2021P	2016 - 2020 Average
<b>Total Accidents &gt;15 GT and &lt;=150 GT</b>							
<b>Shipping Accident</b>	25	39	30	21	31	21	29.2
Shipping Accident Fatalities	0	1	2	0	6	2	1.8
<b>Accident aboard ship</b>	14	11	12	10	10	8	11.4
Accident aboard ship fatalities	0	2	1	2	4	0	1.8
<b>Vessels Lost</b>	5	3	5	2	6	2	4.2
<b>Vessels &lt;=15 GT</b>							
<b>Shipping Accident</b>	50	30	31	23	31	15	33.0
Shipping Accident Fatalities	6	0	8	0	5	3	3.8
<b>Accident aboard ship</b>	4	3	3	6	0	6	3.2
Accident aboard ship fatalities	0	0	3	6	0	1	1.8
<b>Vessels Lost</b>	7	4	4	4	7	3	5.2
<b>Vessels of Unknown GT1</b>							
<b>Shipping Accident</b>	6	4	3	1	3	1	3.4
Shipping Accident Fatalities	4	0	0	0	1	1	1.0
<b>Accident aboard ship</b>	0	0	1	0	0	0	0.2
Accident aboard ship fatalities	0	0	1	0	0	0	0.2
<b>Vessels Lost</b>	3	0	0	0	1	1	0.8
<b>Total Shipping Accidents</b>	81	73	64	45	65	37	65.6
Total Shipping Accident Fatalities	10	1	10	0	12	6	6.6
<b>Total Accidents aboard ship</b>	18	14	16	16	10	14	14.8
Total Accident aboard ship fatalities	0	2	5	8	4	1	3.8
<b>Total Vessels Lost</b>	15	7	9	6	14	6	10.2

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

The Transportation Safety Board considers vessels with an unknown gross tonnage (GT) as under 15 GT. In this table, those vessels of unknown tonnage are reported separately. 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 Transportation Safety Board (TSB) website.

Commercial fishing activity includes "Unknown" Primary Activity in TSB's MARSIS database, as most vessels in unknown activities are fishing vessels. When the vessel activity was not reported, it is assumed that fishing is the intention of the voyage.

All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2020/ssem-ssmo-2020.html#4.0>

Source: Transportation Safety Board

**Table S15: Aviation Occurrences and Casualties Involving Aircraft Operating Under CARs, 2016–2021**

	2016	2017	2018	2019	2020 <sup>R</sup>	Average 2016–2020	2021 <sup>P</sup>
<b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>	<b>185</b>	<b>190</b>	<b>152</b>	<b>189</b>	<b>145</b>	<b>172.2</b>	<b>156</b>
<b>Type of Operation</b>							
Airliner	1	4	3	5	5	3.6	3
Commuter	1	5	0	2	2	2.0	1
Air taxi	19	20	19	26	13	19.4	19
Aerial work	17	19	16	16	11	15.8	18
Private operator passenger transportation	5	1	1	1	1	1.8	2
Flight training	19	36	19	31	20	25.0	13
<b>Private/Recreational Aviation Accidents<sup>2</sup></b>	<b>125</b>	<b>106</b>	<b>95</b>	<b>110</b>	<b>93</b>	<b>105.8</b>	<b>102</b>
Airplanes	111	96	83	96	84	94.0	89
Balloons	0	0	0	0	0	0.0	2
Gliders	4	4	1	3	2	2.8	3
Gyroplanes	1	1	2	0	1	1.0	0
Helicopters	9	5	9	11	7	8.2	8
<b>Canadian-Registered Basic and Advanced Ultralights</b>	<b>19</b>	<b>21</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>17.2</b>	<b>19</b>
Others <sup>3</sup>	0	0	0	0	1	0.2	1
<b>Fatal Accidents Involving Canadian-Registered Aircraft</b>	<b>21</b>	<b>18</b>	<b>16</b>	<b>26</b>	<b>9</b>	<b>20.0</b>	<b>17</b>
<b>Type of Operation</b>							
Airliner	0	1	0	0	0	0.2	0
Commuter	0	0	0	0	0	0.0	0
Air taxi	1	0	1	8	1	2.2	2
Aerial work	3	2	3	0	1	1.8	4
Private operator passenger transportation	1	0	1	0	0	0.4	1
Flight training	0	5	0	4	0	1.8	0
<b>Private/Recreational Aviation<sup>2</sup></b>							
Aeroplanes	14	10	9	12	6	10.2	9
Balloons	0	0	0	0	0	0.0	0
Gliders	1	1	0	0	0	0.4	1
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	1	0	3	3	1	1.6	1
<b>Canadian-Registered Basic and Advanced Ultralights</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2.4</b>	<b>3</b>
Others <sup>3</sup>	0	0	0	0	0	0.0	0
<b>Fatalities</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>54</b>	<b>13</b>	<b>34.2</b>	<b>27</b>
<b>Type of Operation</b>							
Airliner	0	1	0	0	0	0.2	0
Commuter	0	0	0	0	0	0.0	0
Air taxi	1	0	3	24	1	5.8	3
Aerial work	3	3	5	0	1	2.4	4
Private operator passenger transportation	4	0	0	0	0	0.8	1
Flight training	0	6	0	5	0	2.2	0
<b>Private/Recreational Aviation<sup>2</sup></b>							
Aeroplanes	18	16	12	18	10	16.0	12
Balloons	0	0	0	0	0	0.0	0
Gliders	1	1	0	0	0	0.4	0
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	2	0	5	7	1	3.0	4
<b>Canadian-Registered Basic and Advanced Ultralights</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>2.6</b>	<b>3</b>
Others <sup>3</sup>	0	0	0	0	0	0.0	0
<b>Ground Fatalities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

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 (i.e. military and state aircraft). 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.

**Table S16: Summary of Aviation Occurrences Reported to the Transportation Safety Board, 2016 - 2021**

	2016	2017	2018	2019	2020 <sup>R</sup>	Average 2016–2020	2021 <sup>P</sup>
<b>Canadian–Registered Accidents<sup>1</sup></b>	<b>200</b>	<b>208</b>	<b>173</b>	<b>200</b>	<b>151</b>	186.4	<b>168</b>
Accidents involving aircraft operating under CARs	186	191	153	189	144	172.8	158
Other accidents <sup>2</sup>	14	17	20	11	6	13.6	10
<b>Foreign–Registered Aircraft Accidents in Canada</b>	<b>8</b>	<b>7</b>	<b>11</b>	<b>10</b>	<b>0</b>	7.2	<b>1</b>
Fatal accidents	1	0	0	4	0	1.0	0
Fatalities	7	0	0	11	0	3.6	0
<b>Reportable Incidents</b>	<b>866</b>	<b>971</b>	<b>889</b>	<b>943</b>	<b>441</b>	<b>822.0</b>	<b>537</b>
Risk of collision/Loss of separation	139	172	144	139	49	128.6	71
Declared emergency	314	350	341	367	190	312.4	208
Engine failure	125	112	103	118	57	103.0	91
Smoke/Fire	88	105	103	92	29	83.4	45
Collision	18	25	26	32	9	22.0	9
Other	182	207	172	195	107	172.6	113

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

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

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

Source: Transportation Safety Board, preliminary data as of March 24, 2022.

Table S17: Canadian-Registered Aircraft (CRA) Accident Rates for Aircraft Operating Under CARs, 2016-2021

	2016	2017	2018	2019	2020 <sup>R</sup>	2016-2020 Moyenne	2021 <sup>P</sup>
<b>CRA Accidents<sup>1</sup></b>	<b>185</b>	<b>190</b>	<b>152</b>	<b>189</b>	<b>145</b>	<b>172.2</b>	<b>156</b>
<b>Private/Recreational Aviation<sup>2</sup></b>	<b>125</b>	<b>106</b>	<b>95</b>	<b>110</b>	<b>93</b>	<b>105.8</b>	<b>102</b>
Airplanes	111	96	83	96	84	94.0	89
Balloons	0	0	0	0	0	0.0	2
Gliders	4	4	1	3	2	2.8	3
Gyroplanes	1	1	2	0	1	1.0	0
Helicopters	9	5	9	11	7	8.2	8
<b>Basic and Advanced Ultralights</b>	<b>19</b>	<b>21</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>17.2</b>	<b>19</b>
<b>Hours Flown<sup>R</sup> (thousands)</b>	<b>4,475</b>	<b>4,719</b>	<b>5,016</b>	<b>4,844</b>	<b>3,098</b>	<b>4,430.4</b>	<b>3422</b>
<b>Accident Rate (per 100,000 hours flown)</b>	<b>4.1</b>	<b>4.0</b>	<b>3.0</b>	<b>3.9</b>	<b>4.7</b>	<b>3.9</b>	<b>4.6</b>
<b>Canadian Civil Aircraft Registered<sup>1</sup></b>	<b>29,081</b>	<b>29,112</b>	<b>29,110</b>	<b>29,169</b>	<b>29,088</b>	<b>29,112.0</b>	<b>29115</b>
<b>Private/Recreational Aviation<sup>2</sup></b>	<b>21,915</b>	<b>21,912</b>	<b>21,862</b>	<b>21,785</b>	<b>21,773</b>	<b>21,849.4</b>	<b>21714</b>
Airplanes	19,469	19,435	19,387	19,331	19,271	19,378.6	19208
Balloons	506	508	501	492	498	501.0	497
Gliders	717	719	716	714	714	716.0	712
Gyroplanes	226	229	230	230	229	228.8	230
Helicopters	996	1,020	1,028	1,018	1,061	1,024.6	1067
<b>Basic and Advanced Ultralights</b>	<b>7,355</b>	<b>7,459</b>	<b>7,590</b>	<b>7,682</b>	<b>7,785</b>	<b>7,574.2</b>	<b>7903</b>
<b>Accident Rate (per 1,000 Canadian civil aircraft registered)</b>	<b>6.4</b>	<b>6.5</b>	<b>5.2</b>	<b>6.5</b>	<b>5.0</b>	<b>5.9</b>	<b>5.4</b>
<b>Private/Recreational Aviation</b>	<b>5.7</b>	<b>4.8</b>	<b>4.3</b>	<b>5.0</b>	<b>4.3</b>	<b>4.8</b>	<b>4.7</b>
Airplanes	5.7	4.9	4.3	5.0	4.4	4.9	4.6
Balloons	0	0.0	0	0	0	0.0	4
Gliders	5.6	5.6	1.4	4.2	2.8	3.9	4.2
Gyroplanes	4.4	4.4	8.7	0	4.4	4.4	0
Helicopters	9	4.9	8.8	10.8	6.6	8.0	7.5
<b>Basic and Advanced Ultralights</b>	<b>2.6</b>	<b>2.8</b>	<b>2.0</b>	<b>2.1</b>	<b>1.9</b>	<b>2.3</b>	<b>2.4</b>

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

Canadian-registered aircraft, other than ultra-lights, operating in Canada and based on the Canadian Aviation Regulations (CARs). Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft not operating under CARs) are excluded.

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

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

Sources: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of March 24, 2022.

**Table S18: Accidents Involving Aircraft Operating under CARs by Province/Territory, 2016-2021**

	2016	2017	2018	2019	2020 <sup>R</sup>	2016-2020 Average	2021 <sup>P</sup>
<b>Accidents</b>							
Newfoundland and Labrador	3	2	2	2	2	2.2	3
Nova Scotia	2	2	1	1	1	1.4	2
New Brunswick	5	5	1	8	2	4.2	1
Prince Edward Island	0	1	0	0	0	0.2	0
Quebec	26	39	25	42	27	31.8	40
Ontario	40	46	40	44	31	40.2	26
Manitoba	16	8	6	11	9	10.0	5
Saskatchewan	10	12	13	12	16	12.6	7
Alberta	34	32	28	26	21	28.2	26
British Columbia	43	34	29	36	33	35.0	38
Yukon	1	4	2	2	0	1.8	3
Northwest Territories	3	2	4	4	1	2.8	2
Nunavut	2	3	1	1	2	1.8	3
<b>Total</b>	<b>185</b>	<b>190</b>	<b>152</b>	<b>189</b>	<b>145</b>	<b>172.2</b>	<b>156</b>
<b>Fatal Accidents</b>							
Newfoundland and Labrador	0	0	0	1	1	0.4	1
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	1	0	0	1	0	0.4	0
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	5	4	2	6	3	4.0	5
Ontario	1	3	4	5	0	2.6	3
Manitoba	1	3	0	1	0	1.0	0
Saskatchewan	2	2	1	0	0	1.0	0
Alberta	4	3	4	5	2	3.6	4
British Columbia	7	2	4	5	3	4.2	2
Yukon	0	1	0	1	0	0.4	0
Northwest Territories	0	0	1	1	0	0.4	0
Nunavut	0	0	0	0	0	0.0	2
<b>Total</b>	<b>21</b>	<b>18</b>	<b>16</b>	<b>26</b>	<b>9</b>	<b>18.0</b>	<b>17</b>
<b>Fatalities</b>							
Newfoundland and Labrador	0	0	0	7	1	1.6	2
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	2	0	0	1	0	0.6	0
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	7	6	4	10	4	6.2	6
Ontario	1	5	6	9	0	4.2	4
Manitoba	2	4	0	3	0	1.8	0
Saskatchewan	2	3	1	0	0	1.2	0
Alberta	4	5	5	8	5	5.4	7
British Columbia	11	3	6	12	3	7.0	3
Yukon	0	1	0	2	0	0.6	0
Northwest Territories	0	0	3	2	0	1.0	0
Nunavut	0	0	0	0	0	0.0	4
<b>Total</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>54</b>	<b>13</b>	<b>29.6</b>	<b>26</b>

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

Canadian-registered aircraft, other than ultra-lights, operating in Canada and based on the Canadian Aviation Regulations (CARs). Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft) are excluded.

Source: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of March 24, 2022.

**Table S19: Reportable Accidents Involving Dangerous Goods by Mode and Phase of Transport, 2011–2020**

Year	-In-Transit-					Not In-Transit	Total
	Road	Rail	Air	Marine	Subtotal		
2011	90	3	3	0	96	249	345
2012	82	2	1	0	85	310	395
2013	100	7	5	0	112	281	393
2014	105	5	3	0	113	271	384
2015	84	7	3	0	94	237	331
2016	90	4	4	2	100	193	293
2017	226	9	4	0	239	146	385
2018	241	19	5	2	267	179	446
2019	243	40	1	1	285	144	429
2020	164	14	1	0	179	137	316
<b>2011 - 2020 Average</b>	<b>142.5</b>	<b>11.0</b>	<b>3.0</b>	<b>0.5</b>	<b>157.0</b>	<b>214.7</b>	<b>371.7</b>

Notes: Data for the years 2011 - 2020 have been revised. TDG= Transportation of Dangerous Goods. Thresholds for reporting dangerous goods accidents have changed based on amendments to Part 9 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 marine vessels 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, 2011–2020**

Year	Fatalities	Injuries			Total Injuries
		Major	Moderate	Minor	
2011	0	2	7	1	10
2012	0	0	8	6	14
2013	50	0	18	5	23
2014	1	0	12	1	13
2015	5	0	2	81	83
2016	3	0	8	8	16
2017	0	2	41	3	46
2018	2	2	14	9	25
2019	0	1	5	5	11
2020	1	4	14	6	24
<b>2011 - 2020 Average</b>	<b>6.2</b>	<b>1.1</b>	<b>12.9</b>	<b>12.5</b>	<b>26.5</b>

Notes: TDG= Transportation of Dangerous Goods.

There was a decrease in incidents overall in 2020 due to the pandemic

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. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

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

"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

**Table A1: Number of Aerodromes in Canada, 2012–2021**

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		
2012	314	872	11	<b>1,197</b>	62.2	239	131	11	<b>381</b>	19.8
2013	312	865	11	<b>1,188</b>	62.1	245	129	11	<b>385</b>	20.1
2014	306	885	8	<b>1,199</b>	62.3	246	133	4	<b>383</b>	19.9
2015	304	912	8	<b>1,224</b>	62.4	252	145	4	<b>401</b>	20.4
2016	290	707	5	<b>1,002</b>	62.9	239	129	2	<b>370</b>	23.2
2017	296	702	5	<b>1,003</b>	63.8	216	130	0	<b>346</b>	22.0
2018	285	709	5	<b>999</b>	64.7	191	130	0	<b>321</b>	20.8
2019	297	943	8	<b>1,248</b>	62.2	262	151	4	<b>417</b>	20.8
2020	297	949	8	<b>1,254</b>	62.2	263	151	4	<b>418</b>	20.7
2021	296	943	8	<b>1,247</b>	62.0	264	152	4	<b>420</b>	20.9

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		
2012	6	339	0	<b>345</b>	17.9	559	1,342	22	<b>1,923</b>	100.0
2013	6	334	0	<b>340</b>	17.8	563	1,328	22	<b>1,913</b>	100.0
2014	6	338	0	<b>344</b>	17.9	558	1,356	12	<b>1,926</b>	100.0
2015	5	331	0	<b>336</b>	17.1	561	1,388	12	<b>1,961</b>	100.0
2016	5	217	0	<b>222</b>	13.9	534	1,053	7	<b>1,594</b>	100.0
2017	5	218	0	<b>223</b>	14.2	517	1,050	5	<b>1,572</b>	100.0
2018	7	218	0	<b>225</b>	14.6	483	1,057	5	<b>1,545</b>	100.0
2019	5	336	0	<b>341</b>	17.0	564	1,430	12	<b>2,006</b>	100.0
2020	5	339	0	<b>344</b>	17.1	565	1,439	12	<b>2,016</b>	100.0
2021	5	339	0	<b>344</b>	17.1	565	1,434	12	<b>2,011</b>	100.0

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

The methodology has changed from 2018-2019.

Source: Transport Canada, Civil Aviation, National Operations

**Table A2: Airport Capital Assistance Program Expenditures, by Province/Territory, 2011/2012 - 2021/2022**

<i>Province</i>	<i>2011/12</i>	<i>2012/13</i>	<i>2013/14</i>	<i>2014/15</i>	<i>2015/16</i>	<i>2016/17</i>	<i>2017/18</i>	<i>2018/19<sup>R</sup></i>	<i>2019/20<sup>R</sup></i>	<i>2020/21<sup>R</sup></i>	<i>2021/22<sup>P</sup></i>
Newfoundland and Labrador	313.8	9,061.3	240.0	24.8	0.0	0.0	219.6	98.2	938.6	0.0	4,941.2
Prince Edward Island	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.6
Nova Scotia	513.5	437.5	166.8	70.4	3,551.9	127.1	701.8	13.7	226.1	0.0	180.6
New Brunswick	0.0	0.0	0.0	0.0	616.8	0.0	0.0	287.7	663.7	199.6	7681.7
Quebec	1,517.3	2,414.6	353.2	735.4	1,272.4	7,546.0	9,289.0	7,903.1	1,952.4	15,552.6	6,819.9
Ontario	11,583.7	4,628.3	1,874.9	6,454.9	705.1	10,794.6	3,231.6	7,714.7	8,649.1	5,446.9	23,633.6
Manitoba	8,109.5	297.1	1,167.4	1,650.9	4,229.9	1,701.6	7,856.6	4,038.6	1,864.6	5,579.0	9,262.4
Saskatchewan	211.7	5,643.7	0.0	140.4	7,529.8	3,898.6	1,565.7	471.3	697.9	2,316.4	14,594.1
Alberta	1,080.3	259.6	901.5	3,592.3	12,966.0	354.3	4,632.2	11,393.7	4,726.4	322.5	6,978.0
British Columbia	6,883.2	6,396.5	2,373.2	11,034.0	14,834.3	7,118.6	6,656.3	4,385.2	11,707.3	4,408.0	38,286.8
Norwest Territories	0.0	360.1	0.0	617.8	910.3	1,600.4	776.4	2065.3	3229.8	762.2	4552.2
Yukon	189.0	305.3	154.1	2,948.7	318.9	0.0	0.0	0.0	0.0	0.0	297.5
Nunavut	0.0	397.9	5,195.7	116.9	0.0	0.0	0.0	326.1	796.8	2,453.4	7,302.3
<b>Total</b>	<b>30,402.0</b>	<b>30,201.9</b>	<b>12,426.8</b>	<b>27,386.5</b>	<b>46,935.4</b>	<b>33,141.2</b>	<b>34,929.2</b>	<b>38,697.6</b>	<b>35,452.7</b>	<b>37,040.6</b>	<b>124,809.9</b>

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

Source: Transport Canada, Authorities Stewardship

**Table A3: Airport Authorities Financial Performance, 2020**

(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	58,149	76,613	25,200	91,226	385,633	14,656	23,014	3,158	13,242	3,494	3,576	
Non-Aeronautical Revenues	69,264	129,610	36,045	133,393	319,374	19,279	28,210	9,844	18,283	6,820	8,261	
Airport Improvement Fees	46,671	51,006	29,727	61,318	128,476	14,649	15,008	4,191	9,822	4,267	7,351	
Contributions	0	22,526	12,552	0	0	0	0	1,028	0	512	1,149	
<b>Total Revenues</b>	<b>174,084</b>	<b>279,755</b>	<b>103,524</b>	<b>285,937</b>	<b>833,483</b>	<b>48,584</b>	<b>66,232</b>	<b>18,221</b>	<b>41,347</b>	<b>15,093</b>	<b>20,337</b>	
Expenses (less Interest Charges)	303,452	622,551	150,672	408,521	876,905	79,120	83,861	26,069	65,288	22,945	21,370	
Rent to Federal Government	2,381	4,001	995	4,718	15,597	439	535	340	347	32	0	
<b>Income</b>	<b>-131,749</b>	<b>-346,797</b>	<b>-48,143</b>	<b>-127,302</b>	<b>-59,019</b>	<b>-30,975</b>	<b>-18,164</b>	<b>-8,188</b>	<b>-24,288</b>	<b>-7,884</b>	<b>-1,033</b>	
Interest Charges	100,901	42,098	40,887	107,153	324,401	20,189	29,512	4	15,526	31	584	
Other gains/(losses)	-9,909	8,751	-309	-12,042	4,210	1,424	3,965	0	-271	0	194	
<b>Net Income</b>	<b>-242,559</b>	<b>-380,144</b>	<b>-89,339</b>	<b>-246,497</b>	<b>-379,210</b>	<b>-49,740</b>	<b>-43,711</b>	<b>-8,192</b>	<b>-40,085</b>	<b>-7,915</b>	<b>-1,423</b>	
Acquisition of capital assets	17,769	395,375	22,600	302,084	341,995	16,853	19,777	8,516	22,948	3,851	5,369	
Ratios:												
Expenses (incl interest) as a % of Rev.	232.3%	237.6%	185.0%	180.3%	144.1%	204.4%	171.2%	143.1%	195.5%	152.2%	108.0%	
Aeronautical Revenues as a % of Total	33.4%	27.4%	24.3%	31.9%	46.3%	30.2%	34.7%	17.3%	32.0%	23.1%	17.6%	
Non-Aeronautical Revenues as a % of Total	39.8%	46.3%	34.8%	46.7%	38.3%	39.7%	42.6%	54.0%	44.2%	45.2%	40.6%	
<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	6,643	2,647	5,212	4,647	1,654	3,874	560	637	1,237	919	2,401	728,392
Non-Aeronautical Revenues	14,019	5,705	8,446	3,053	2,868	3,723	777	1,516	3,502	1,189	2,970	826,151
Airport Improvement Fees	7,676	3,389	5,842	0	687	1,984	647	701	760	1,247	1,842	397,261
Contributions	5,295	1,647	0	1,168	0	0	1,739	1,928	1,932	764	2,631	54,871
<b>Total Revenues</b>	<b>33,633</b>	<b>13,388</b>	<b>19,500</b>	<b>8,868</b>	<b>5,209</b>	<b>9,581</b>	<b>3,723</b>	<b>4,782</b>	<b>7,431</b>	<b>4,119</b>	<b>9,844</b>	<b>2,006,675</b>
Expenses (less Interest Charges)	48,726	23,831	30,323	9,000	8,072	15,261	6,883	7,616	8,494	6,015	10,887	2,835,862
Rent to Federal Government	156	23	543	31	50	6	0	0	-12	30	3	30,215
<b>Income</b>	<b>-15,249</b>	<b>-10,466</b>	<b>-11,366</b>	<b>-163</b>	<b>-2,913</b>	<b>-5,686</b>	<b>-3,160</b>	<b>-2,834</b>	<b>-1,051</b>	<b>-1,926</b>	<b>-1,046</b>	<b>-859,402</b>
Interest Charges	11,792	1,386	5,117	240	85	802	319	0	458	70	389	701,944
Other gains/(losses)	355	0	0	3,041	28	0	66	8	388	-566	-17	-684
<b>Net Income</b>	<b>-26,686</b>	<b>-11,852</b>	<b>-16,483</b>	<b>2,638</b>	<b>-2,970</b>	<b>-6,488</b>	<b>-3,413</b>	<b>-2,826</b>	<b>-1,121</b>	<b>-2,562</b>	<b>-1,452</b>	<b>-1,562,030</b>
Acquisition of capital assets	16,488	1,645	3,944	2,870	1,167	9,126	2,360	383	599	16,831	746	1,213,296
Ratios:												
Expenses (including interest) as a % of Rev.	179.9%	188.4%	181.7%	104.2%	156.6%	167.7%	193.4%	159.3%	120.5%	147.7%	114.5%	176.3%
Aeronautical Revenues as a % of Total	19.8%	19.8%	26.7%	52.4%	31.8%	40.4%	15.0%	13.3%	16.6%	22.3%	24.4%	36.3%
Non-Aeronautical Revenues as a % Total	41.7%	42.6%	43.3%	34.4%	55.1%	38.9%	20.9%	31.7%	47.1%	28.9%	30.2%	41.2%

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 2020 Annual Reports (Consolidated Financial Statements)

**Table A4: Airport Improvement Fees (AIF) at National Airport System (NAS) Airports, 2012–2021**

Airport	Charge per passenger (dollars)										Airline Handling Fee (per cent)	
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
Calgary	25	30	30	30	30	30	30	30	30	30	35	5
Charlottetown	20	20	20	20	20	20	20	20	20	20	20	5
Edmonton	25	25	25	30	30	30	30	30	30	30	35	6
Fredericton	20	20	20	20	20	20	20	25	25	25	25	5
Gander	25	25	25	25	25	25	25	35	35	35	35	7
Halifax <sup>1</sup>	20	20	25	25	25	25	28	28	28	35	35	7
Iqaluit	0	0	0	0	0	0	0	0	0	0	0	N/A
Kelowna <sup>2</sup>	15	15	15	15	15	15	15	20	20	25	25	7
London	15	15	15	15	15	15	15	7	7	7	7	7
Moncton	20	20	20	20	20	20	25	25	25	29	29	7
Montreal (Trudeau)	25	25	25	25	25	25	25	30	30	35	35	5
Ottawa <sup>3</sup>	20	20	23	23	23	23	23	23	23	35	35	7
Prince George	18	20	20	20	25	25	25	25	25	25	25	7
Quebec City	25	27	29	30	33	33	35	35	35	35	35	7
Regina <sup>4</sup>	20	20	20	20	20	20	20	20	20	20	20	5
Saint John	20	20	25	25	25	25	25	25	25	35	35	5
Saskatoon <sup>5</sup>	15	20	20	20	20	20	20	20	20	20	23	7
St. John's	20	20	20	30	30	30	35	35	35	42	42	7
Thunder Bay	0	0	0	0	0	0	0	0	0	0	0	N/A
Toronto <sup>6</sup>	25	25	25	25	25	25	25	25	25	30	30	4
Vancouver <sup>7</sup>	15	20	20	20	20	20	20	25	25	25	25	5
Victoria	10	10	10	15	15	15	15	15	15	15	15	7
Whitehorse	0	0	0	0	0	0	0	0	0	0	0	N/A
Winnipeg	20	25	25	25	25	25	25	25	25	38	38	7
Yellowknife	0	0	0	0	0	0	0	0	0	0	0	N/A

Notes: N/A = Not applicable.

- 1 Passengers are charged \$22 for flights to: Sydney/J.A Douglas McCurdy, NS.
- 2 Effective February 19, 2020, AIF increased to \$25.
- 3 Effective June 1, 2021, AIF increases to \$35.
- 4 Passengers are charged \$5 for flights to Saskatoon/Saskatoon John G. Diefenbaker, SK.
- 5 Passengers are charged \$6 for intra-provincial flights and \$23 for all other destinations.
- 6 Connecting passengers are charged \$6.
- 7 Passengers are charged \$5 for intra-provincial flights and \$25 for all other destinations.

Source: Air Transport Association of Canada and Airport Authorities

**Table A5: Air Travellers Security Charge (ATSC), 2002–2021**

ATSC Rates (Current dollars per enplaned passenger)

<i>Sector</i>	<i>Effective Date</i>						<i>Current since April 1<sup>st</sup> 2010<sup>1</sup></i>
	<i>April 1<sup>st</sup> 2002<sup>1</sup></i>	<i>March 1<sup>st</sup> 2003<sup>1</sup></i>	<i>April 1<sup>st</sup> 2004<sup>1</sup></i>	<i>March 1<sup>st</sup> 2005<sup>1</sup></i>	<i>July 1<sup>st</sup> 2006<sup>1</sup></i>	<i>January 1<sup>st</sup> 2008<sup>1</sup></i>	
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 <sup>2</sup>	\$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 A6: Top 10 Busiest Canadian Airports in Terms of Aircraft Movements, 2012–2021

(Thousands of aircraft movements)

		All Movements										2012-2021
Ranking	Airport/Province	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021P	CGAR1
1	Boundary Bay, BC	149	146	156	162	172	175	195	217	185	211	3.9
2	Toronto Pearson International, ON	435	434	437	446	459	467	476	455	175	174	(9.7)
3	Abbotsford, BC	111	118	126	136	131	139	148	168	139	172	5.0
4	Vancouver International, BC	300	302	312	319	326	334	339	332	157	167	(6.3)
5	Calgary/Springbank, AB	133	135	147	151	158	143	137	154	129	139	0.5
6	Kitchener/Waterloo, ON	104	107	96	102	110	102	119	141	107	133	2.8
7	Québec City Jean Lesage International Airport, QC	135	120	114	112	118	123	139	146	118	131	(0.4)
8	Montréal/St-Hubert, QC	157	170	157	179	151	126	137	154	108	127	(2.3)
9	Pitt Meadows, BC	88	78	83	103	109	110	118	143	101	126	4.0
10	Calgary International, AB	241	246	252	250	235	234	244	239	120	125	(7.1)
<b>Subtotal</b>		<b>1,854</b>	<b>1,854</b>	<b>1,878</b>	<b>1,959</b>	<b>1,970</b>	<b>1,952</b>	<b>2,053</b>	<b>2,150</b>	<b>1,338</b>	<b>1,504</b>	(2.3)
Share of total movements - Top 10 airports (%)		29.4	29.8	30.1	31.4	31.5	30.7	31.5	32.9	31.4	31.3	0.7
<b>Total for All Airports2 - All movements</b>		<b>6,302</b>	<b>6,230</b>	<b>6,232</b>	<b>6,246</b>	<b>6,247</b>	<b>6,361</b>	<b>6,526</b>	<b>6,536</b>	<b>4,264</b>	<b>4,802</b>	<b>(3.0)</b>
Itinerant movements		4,668	4,645	4,595	4,628	4,585	4,679	4,730	4,643	2,825	3,185	(4.2)
Local movements		1,633	1,585	1,637	1,618	1,662	1,683	1,797	1,894	1,438	1,617	(0.1)
Share Itinerant movements (%)		74.1	74.6	73.7	74.1	73.4	73.5	72.5	71.0	66.3	66.3	(1.2)
Share Local movements (%)		25.9	25.4	26.3	25.9	26.6	26.5	27.5	29.0	33.7	33.7	3.0
<b>Itinerant Movements3</b>												
1	Toronto Pearson International, ON	434	433	435	445	457	465	474	453	174	174	(9.7)
2	Vancouver International, BC	299	301	311	318	321	332	339	331	156	167	(6.3)
3	Calgary International, AB	240	244	250	249	234	233	244	239	119	123	(7.1)
4	Montréal-Pierre Elliott Trudeau International, QC	233	224	220	221	226	235	241	237	96	98	(9.1)
5	Montréal/St-Hubert, QC	77	79	75	85	79	72	75	90	68	79	0.3
6	Boundary Bay, BC	60	62	66	66	67	69	72	82	67	77	2.8
7	Winnipeg James Armstrong Richardson International, MB	120	116	116	113	110	114	112	109	69	75	(5.0)
8	Edmonton Intl, AB	139	153	166	157	137	138	142	134	70	72	(7.0)
9	Québec City Jean Lesage International Airport, QC	97	89	83	80	81	85	87	89	62	70	(3.5)
10	Abbotsford, BC	40	44	46	50	49	56	59	67	53	70	6.3
<b>Subtotal</b>		<b>1,739</b>	<b>1,744</b>	<b>1,768</b>	<b>1,783</b>	<b>1,762</b>	<b>1,799</b>	<b>1,844</b>	<b>1,832</b>	<b>936</b>	<b>1,005</b>	(5.9)
Share of total Itinerant movements - Top 10 airports (%)		37.2	37.5	38.5	38.5	38.4	38.4	39.0	39.5	33.1	31.6	(1.8)
<b>Total for All Airports2 - All Itinerant movements</b>		<b>4,668</b>	<b>4,645</b>	<b>4,595</b>	<b>4,628</b>	<b>4,585</b>	<b>4,679</b>	<b>4,730</b>	<b>4,643</b>	<b>2,825</b>	<b>3,185</b>	<b>(4.2)</b>
<b>Local Movements 4</b>												
1	Boundary Bay, BC	89	84	90	95	106	107	124	135	117	133	4.6
2	Abbotsford, BC	71	74	80	86	82	83	89	101	86	102	4.1
3	Calgary/Springbank, AB	79	79	88	92	98	86	80	92	72	79	(0.1)
4	Pitt Meadows, BC	55	49	52	61	63	62	69	86	62	76	3.6
5	Chicoutimi/St-Honore, QC	50	48	52	45	60	75	76	68	66	71	4.0
6	Kitchener/Waterloo, ON	59	62	56	59	63	59	71	83	62	70	2.0
7	Winnipeg/St Andrews, MB	57	63	62	53	62	65	75	84	59	69	2.0
8	Québec City Jean Lesage International Airport, QC	38	31	31	32	36	38	51	58	56	60	5.3
9	Montréal/St-Hubert, QC	80	91	81	93	72	54	62	65	39	48	(5.5)
10	Sault Ste Marie	37	31	39	39	36	30	33	38	21	43	1.9
<b>Subtotal</b>		<b>615</b>	<b>612</b>	<b>631</b>	<b>655</b>	<b>678</b>	<b>658</b>	<b>731</b>	<b>809</b>	<b>641</b>	<b>752</b>	<b>2.3</b>
Share of total Local movements - Top 10 airports (%)		37.6	38.6	38.5	40.5	40.8	39.1	40.7	42.7	44.6	46.5	2.4
<b>Total for All Airports2 - All Local movements</b>		<b>1,633</b>	<b>1,585</b>	<b>1,637</b>	<b>1,618</b>	<b>1,662</b>	<b>1,683</b>	<b>1,797</b>	<b>1,894</b>	<b>1,438</b>	<b>1,617</b>	<b>(0.1)</b>

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

1 CAGR= Compound Annual Growth Rate.

2 Including airports with control towers and/or flight service stations (91 as of December 2017) and airports without control towers or flight service stations reporting aircraft movements on a voluntary basis (126 as of December 2017).

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

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

Sources: Statistics Canada, "Aircraft Movement Statistics", TP 577, Cat. 51-209 and 51-210. Transport Canada, Aircraft movement database, for 2021 data

**Table A7: Licence Authorities Held by Air Carriers as of December 31, 2021**

<i>Licence Aircraft Type</i>	<i>Services</i>			<i>Total Licences</i>	<i>Number of Air Carriers<sup>1</sup></i>
	<i>Domestic</i>	<i>Scheduled</i>	<i>International Non-Scheduled</i>		
<b>Total Canada</b>	605	332	295	<b>1,232</b>	547
Small aircraft	531	8	236	775	
Medium aircraft	22	37	20	79	
Large aircraft	14	181	15	210	
All cargo aircraft	38	106	24	168	
Total United States	0	41	563	<b>604</b>	568
Total Foreign	0	122	228	<b>350</b>	271
<b>Total</b>	<b>605</b>	<b>495</b>	<b>1,086</b>	<b>2,186</b>	<b>1,386</b>

Note: 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 2021**

<i>Category</i>	<i>In Force</i>	<i>Issued 12 Months</i>	<i>Male</i>	<i>Female</i>
<b>Aeroplanes</b>				
Private Pilot	12,403	2,341	11,151	1,252
Commercial Pilot	1,555	293	1,409	146
Airline Transport Pilot	1,853	80	1,750	103
Multi-Crew Pilots	0	0	0	0
<b>Total</b>	<b>15,811</b>	<b>2,714</b>	<b>14,310</b>	<b>1,501</b>
<b>Helicopters</b>				
Private Pilot	274	36	264	10
Commercial Pilot	860	103	801	59
Airline Transport Pilot	249	10	241	8
<b>Total</b>	<b>1,383</b>	<b>149</b>	<b>1,306</b>	<b>77</b>
<b>Permits</b>				
Gyroplane Pilot	21	2	20	1
Ultra-Light Pilot	1,895	76	1,833	62
Recreational Pilot	691	50	661	30
<b>Total</b>	<b>2,607</b>	<b>128</b>	<b>2,514</b>	<b>93</b>
<b>Other Licences</b>				
Glider Pilot	4,856	45	4,281	575
Balloon Pilot	64	7	55	9
Flight Engineer	27	0	26	1
Air Traffic Controller	259	10	207	52
<b>Total</b>	<b>5,206</b>	<b>62</b>	<b>4,569</b>	<b>637</b>
<b>Total Licences &amp; Permits</b>	<b>25,007</b>	<b>3,053</b>	<b>22,699</b>	<b>2,308</b>

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 2020 and 2021**

<i>Province/Territory</i>	<i>Number of</i>	<i>Number of</i>	<i>Growth (per</i>
	<i>Licences</i>	<i>Licences</i>	<i>cent)</i>
	<i>2020</i>	<i>2021</i>	<i>2020 - 2021</i>
Ontario	11,045	7,668	(30.6)
British Columbia	8,760	7,046	(19.6)
Quebec	6,467	4,760	(26.4)
Alberta	6,007	5,493	(8.6)
Manitoba	1,758	1,459	(17.0)
Saskatchewan	1,388	1,404	1.2
Other	1,228	829	(32.5)
New Brunswick	834	556	(33.3)
Nova Scotia	635	445	(29.9)
Newfoundland and Labrador	405	327	(19.3)
Yukon	218	219	0.5
Northwest Territories	140	173	23.6
Prince Edward Island	84	54	(35.7)
Nunavut	13	14	7.7
<b>Total</b>	<b>38,982</b>	<b>30,447</b>	<b>(21.9)</b>

Note: Including student pilot permits.

Source: Transport Canada, Safety and Security, Civil Aviation

**Table A10: Total Operating Revenues of Canadian Air Carriers, 2011 - 2020**

(millions of dollars)

<i>Year</i>	<i>Passenger Services</i>	<i>Goods Services</i>	<i>Other Services<sup>1</sup></i>	<i>Total</i>	<i>Growth (per cent)</i>
<b>2011</b>	16,930	1,196	941	19,067	9.9
<b>2012</b>	18,081	1,225	1,037	20,343	6.7
<b>2013</b>	18,525	1,178	1,113	20,816	2.3
<b>2014</b>	19,726	1,209	1,374	22,309	7.2
<b>2015</b>	20,058	1,202	1,573	22,833	2.3
<b>2016</b>	20,319	1,257	1,655	23,231	1.7
<b>2017R</b>	22,460	1,486	1,602	25,549	10.0
<b>2018R</b>	24,648	1,702	1,583	27,850	9.0
<b>2019R</b>	25,757	1,732	2,004	29,460	5.8
<b>2020P</b>	8,744	2,079	1,401	12,223	(58.5)
<b>CAGR 2011-2020</b>					
<b>(per cent)</b>	<b>(5.0)</b>	<b>5.5</b>	<b>4.8</b>	<b>(3.1)</b>	

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

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

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

Source: Statistics Canada. Table 401-0069 - Civil aviation financial statistics, Canadian air carriers, Levels I to III, annual (dollars)

**Table A11: Annual Labour Costs per Employee of Canadian Air Carriers, 2009-2020**

<b>Levels I-III<sup>1</sup></b>	<b>Average Annual Salary</b>											
	2009	2010	2011	2012	2013	2014	2015	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020 <sup>P</sup>
Pilots and Copilots	101,390	102,225	105,963	113,595	116,276	116,571	114,130	124,432	122,197	126,311	130,956	117,809
Other Flight Personnel	43,698	44,523	48,605	51,418	52,361	49,901	57,924	50,182	50,350	52,028	50,798	53,550
Management and Administration	76,091	75,058	80,632	75,242	80,607	76,431	87,235	95,509	100,342	111,401	125,140	94,443
Other Carrier Personnel <sup>2</sup>	52,840	49,079	53,444	54,771	55,089	56,854	58,773	60,476	57,655	59,275	58,488	61,867
<b>Total Levels I - III</b>	<b>62,969</b>	<b>59,460</b>	<b>64,140</b>	<b>66,700</b>	<b>67,880</b>	<b>68,084</b>	<b>71,930</b>	<b>71,860</b>	<b>70,011</b>	<b>72,419</b>	<b>72,816</b>	<b>74,534</b>

<b>Levels I-III<sup>1</sup></b>	<b>Average Number of Employees</b>											
	2009	2010	2011	2012	2013	2014	2015	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020 <sup>P</sup>
Pilots and Copilots	9,504	9,667	10,094	10,236	10,426	10,420	11,261	10,485	11,315	12,163	12,608	10,296
Other Flight Personnel	10,901	11,770	12,042	12,176	12,426	12,469	11,598	13,499	14,543	15,659	16,165	8,265
Management and Administration	3,098	3,355	3,543	4,276	4,058	4,495	4,098	3,174	3,188	3,245	3,261	2,824
Other Carrier Personnel <sup>2</sup>	19,324	27,930	27,444	27,702	28,411	28,144	28,540	29,305	32,473	35,203	38,229	25,919
<b>Total Levels I - III</b>	<b>42,827</b>	<b>52,722</b>	<b>53,123</b>	<b>54,390</b>	<b>55,321</b>	<b>55,528</b>	<b>55,497</b>	<b>56,463</b>	<b>61,519</b>	<b>66,270</b>	<b>70,263</b>	<b>47,304</b>

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

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

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

Data from 2016 to present has been revised.

Source 2007-2011: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues.

Source 2012-2020: Statistics Canada, Table 23100266 (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, 2020 and 2021**

Airlines <sup>1</sup>	Daily Seat-Kilometres <sup>2</sup> (million)		Percentage Change	Capacity Share (per cent)	
	2020 <sup>R</sup>	2021 <sup>P</sup>		2020 <sup>R</sup>	2021 <sup>P</sup>
<b>Air Canada Family</b>					
Air Canada <sup>3</sup>	40.1	43.7	8.8	44.4	41.6
Air Canada Express - Jazz	8.3	9.6	15.6	9.2	9.2
Air Canada Express - Others <sup>4</sup>	0.0	0.2	8059.5	0.0	0.2
<b>Total</b>	<b>48.5</b>	<b>53.5</b>	<b>10.4</b>	<b>53.6</b>	<b>50.9</b>
<b>National and Leisure Airlines</b>					
WestJet <sup>5</sup>	28.0	30.2	7.9	31.0	28.8
Swoop Inc.	3.2	5.3	69.6	3.5	5.1
Porter Airlines	0.8	0.8	2.1	0.9	0.8
Flair Airlines	2.5	7.5	203.8	2.7	7.2
Air Transat <sup>6</sup>	1.4	0.8	(42.8)	1.5	0.7
Sunwing Airlines <sup>6</sup>	0.2	0.3	73.6	0.2	0.3
<b>Total</b>	<b>36.0</b>	<b>45.0</b>	<b>25.1</b>	<b>39.8</b>	<b>42.8</b>
<b>Northern Airlines</b>					
Canadian North <sup>7</sup>	1.9	2.4	30.9	2.0	2.3
Air North	0.8	0.9	20.7	0.8	0.9
Air Inuit	0.5	0.7	44.6	0.5	0.6
Northern Airlines - Others <sup>8</sup>	0.5	0.4	(23.6)	0.6	0.4
<b>Total</b>	<b>3.6</b>	<b>4.4</b>	<b>22.3</b>	<b>4.0</b>	<b>4.2</b>
<b>Local Service Airlines</b>	<b>2.4</b>	<b>2.2</b>	<b>(7.9)</b>	<b>2.6</b>	<b>2.1</b>
<b>Grand Total</b>	<b>90.4</b>	<b>105.1</b>	<b>16.2</b>	<b>100.0</b>	<b>100.0</b>

Notes:

- 1 Air Carriers listed are the marketing airlines, with the exception of the Air Canada Family.
- 2 Daily average seat-kilometres in 2020 and 2021 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 Sky Regional and Air Georgian (only in 2020).
- 5 WestJet includes WestJet Encore.
- 6 Domestic portion of international flights, only those flights designated as scheduled flights are included.
- 7 Canadian North includes First Air.
- 8 Northern Airlines - Others includes airlines Kenn Borek Air, Aklak, Air Tindi, North-Wright Airways, Northwestern Airlease and Calm Air

Totals may not add up due to rounding.

Sources: OAG Analyser

**Table A13 : Competition in the Top 25 Domestic Air Markets as of Dec 31, 2021**

----- Capacity Market Shares (per cent) -----

Rank	Market <sup>1</sup>	Daily Seats <sup>2</sup>		Percentage change over				Daily Seats <sup>2</sup>	
		2021	2020	Air Canada <sup>3</sup>	WestJet <sup>4</sup>	Flair Airlines	Others	2020	
1	Vancouver, BC <sup>6</sup> - Toronto, ON <sup>5</sup>	5,500	13.2	67.1	26.0	4.4	2.5	4,858	
2	Calgary, AB - Toronto, ON	4,437	9.1	50.9	44.0	4.5	0.6	4,067	
3	Vancouver, BC - Calgary, AB	3,757	1.9	48.9	43.9	6.6	0.6	3,687	
4	Montreal, QC <sup>7</sup> - Toronto, ON	3,302	(15.8)	76.7	16.2	5.3	1.8	3,920	
5	Edmonton, AB - Toronto, ON	2,676	27.7	51.3	28.2	6.1	14.4	2,096	
6	Ottawa, ON - Toronto, ON	2,597	(8.1)	62.0	21.1	4.5	12.3	2,828	
7	Edmonton, AB - Vancouver, BC	2,315	14.1	54.2	35.4	10.4	0.0	2,029	
8	Montreal, QC - Vancouver, BC	1,755	29.8	81.7	5.3	8.5	4.5	1,352	
9	Halifax, NS - Toronto, ON	1,702	(3.3)	60.7	32.5	0.0	6.8	1,761	
10	Vancouver, BC - Victoria, BC <sup>8</sup>	1,523	(15.0)	45.6	17.9	0.0	36.5	1,791	
11	Edmonton, AB - Calgary, AB	1,393	(8.7)	29.2	61.2	0.0	9.6	1,525	
12	Winnipeg, MB - Toronto, ON	1,372	(10.7)	58.4	35.1	6.4	0.2	1,536	
13	Montreal, QC - Calgary, AB	1,145	40.4	76.4	19.7	0.0	3.9	815	
14	Kelowna, BC - Vancouver, BC	1,143	(4.0)	53.7	36.1	0.0	10.2	1,190	
15	Kelowna, BC - Calgary, AB	1,120	6.1	23.4	76.6	0.0	0.0	1,056	
16	Winnipeg, MB - Calgary, AB	970	(16.4)	16.1	77.3	6.5	0.0	1,161	
17	Thunder Bay, ON - Toronto, ON	919	9.0	49.9	22.2	9.5	18.4	843	
18	McMurray, AB - Calgary, AB	918	11.9	44.3	55.7	0.0	0.0	820	
19	Calgary, AB - Victoria, BC	867	2.8	16.9	78.5	4.7	0.0	844	
20	Quebec, QC - Montreal, QC	788	27.4	64.1	0.0	0.0	35.9	619	
21	Vancouver, BC - Winnipeg, MB	742	21.0	61.8	29.0	9.2	0.0	613	
22	Saskatoon, SK - Calgary, AB	734	(12.6)	18.2	81.7	0.0	0.1	840	
23	Vancouver, BC - Prince George, BC	703	(7.7)	50.8	44.2	5.0	0.0	762	
24	Abbotsford, BC - Calgary, AB	681	7.5	0.0	76.4	23.6	0.0	633	
25	Regina, SK - Calgary, AB	661	(9.8)	17.5	82.5	0.0	0.0	733	

Notes :

- 1 The top 25 markets are ranked on the number of 2021 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 includes 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 Toronto, ON includes Toronto Lester B Pearson International Airport and Toronto Billy Bishop City Centre Airport.
- 6 Vancouver, BC includes Vancouver International Airport and Vancouver Harbour.
- 7 Montreal, QC includes Montréal Pierre Elliott Trudeau airport and Montreal St-Hubert Airport.
- 8 Victoria, BC includes Victoria International Airport and Victoria Harbour.

Source : OAG Analyser

**Table A14: Top 20 busiest Canadian airports in terms of Enplaned/Deplaned Revenue Passengers, 2012-2021**

Ranking		2012-2021										
Average		2012 <sup>R</sup>	2013 <sup>R</sup>	2014 <sup>R</sup>	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020 <sup>P</sup>	2021 <sup>P</sup>	CAGR
2012-2021	Sector, Airport / Province											
1	Toronto Pearson International, ON	34.0	35.2	37.2	39.7	43.1	46.0	48.4	49.1	12.9	12.3	(10.7)
2	Vancouver International, BC	17.1	17.5	19.0	19.6	21.7	23.6	25.3	25.4	7.1	6.9	(9.6)
3	Calgary International, AB	12.9	13.5	14.4	14.6	14.9	15.6	16.7	17.2	5.3	5.9	(8.3)
4	Montréal Trudeau International, QC	13.4	13.5	14.3	14.8	16.0	17.6	18.8	19.5	5.1	4.9	(10.6)
5	Edmonton International, AB	6.7	7.2	7.7	7.5	7.1	7.5	7.9	7.9	2.4	2.6	(10.0)
6	Ottawa Macdonald-Cartier Int'l, ON	4.5	4.4	4.5	4.5	4.7	4.8	5.0	5.0	1.3	1.1	(14.3)
7	Winnipeg Richardson International, MB	3.4	3.4	3.6	3.7	3.9	4.2	4.2	4.1	1.2	1.1	(12.0)
8	Halifax Robert L. Stanfield Int'l, NS	3.5	3.5	3.6	3.6	3.8	4.0	4.2	4.1	1.0	1.0	(12.5)
9	Kelowna International Airport, BC	1.4	1.5	1.6	1.5	1.7	1.9	2.0	2.0	0.7	0.8	(6.2)
10	Victoria International, BC	1.5	1.5	1.6	1.7	1.8	1.9	2.0	1.9	0.5	0.6	(8.7)
	<b>Total - Top 10 Airports</b>	<b>98.5</b>	<b>101.2</b>	<b>107.4</b>	<b>111.1</b>	<b>118.8</b>	<b>127.1</b>	<b>134.4</b>	<b>136.1</b>	<b>37.5</b>	<b>37.3</b>	<b>(10.2)</b>
11	Abbotsford International, BC	C	C	C	C	C	C	C	C	C	C	
12	St John's International, NL	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	0.4	0.5	(11.8)
13	Saskatoon John G. Diefenbaker, SK	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.5	0.4	0.4	(11.6)
14	Regina International, SK	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	0.4	0.4	(12.4)
15	Aéroport int'l Jean-Lesage de Québec, QC	1.4	1.5	1.5	1.5	1.5	1.6	1.7	1.7	0.5	0.3	(15.5)
16	Thunder Bay, ON	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.3	0.3	(10.3)
17	John C Munro Hamilton Int'l, ON	0.3	0.3	0.3	0.3	0.4	0.6	0.7	1.0	0.3	0.3	(3.1)
18	Fort McMurray, AB	0.9	1.1	1.2	1.0	0.7	0.7	0.6	0.6	0.2	0.2	(13.8)
19	Fort MacKay/Firebag Aerodrome	C	C	C	C	C	C	C	C	C	C	
20	Northwest Terrace Regional Airport	C	C	C	C	C	C	C	C	C	C	
	<b>Total - Top 20 Airports<sup>1</sup></b>	<b>106.4</b>	<b>109.6</b>	<b>116.2</b>	<b>119.7</b>	<b>127.3</b>	<b>136.4</b>	<b>143.8</b>	<b>145.8</b>	<b>40.6</b>	<b>40.6</b>	<b>(10.2)</b>
	<b>Grand Total for All Airports</b>	<b>119.3</b>	<b>123.0</b>	<b>130.1</b>	<b>133.8</b>	<b>142.0</b>	<b>151.4</b>	<b>159.5</b>	<b>162.0</b>	<b>45.7</b>	<b>45.9</b>	<b>(10.1)</b>
	<b>Top 10's Share (%) of Grand Total</b>	<b>82.5</b>	<b>82.3</b>	<b>82.5</b>	<b>83.1</b>	<b>83.7</b>	<b>84.0</b>	<b>84.3</b>	<b>84.0</b>	<b>82.1</b>	<b>81.3</b>	
	<b>Top 20's Share (%) of Grand Total</b>	<b>89.2</b>	<b>89.1</b>	<b>89.3</b>	<b>89.4</b>	<b>89.7</b>	<b>90.1</b>	<b>90.2</b>	<b>90.0</b>	<b>88.8</b>	<b>88.4</b>	

C= Confidential data. E/D= Enplaned/Deplaned passengers. CAGR= Compounded Annual Growth Rate.

<sup>1</sup> Toronto Billy Bishop Airport ranks amongst the top 20 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, 2012–2021

Ranking	Average	Sector, Airport/Province	2012 <sup>R</sup>	2013 <sup>R</sup>	2014 <sup>R</sup>	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020 <sup>R</sup>	2021 <sup>F</sup>	2012-21 CAGR
<b>Domestic</b>													
1		Toronto Pearson International, ON	13.7	14.3	15.0	15.7	16.7	17.2	17.6	17.6	5.2	6.5	(7.9)
2		Calgary International, AB	8.9	9.4	10.0	10.2	10.5	10.9	11.7	11.8	4.0	5.0	(6.3)
3		Vancouver International, BC	9.0	9.2	9.8	10.0	10.9	11.5	12.1	12.3	4.1	5.0	(6.4)
4		Edmonton International, AB	5.2	5.6	5.9	5.8	5.8	6.3	6.5	6.5	2.0	2.5	(7.8)
5		Montréal Trudeau International, QC	5.2	5.1	5.4	5.5	6.1	6.6	6.8	6.9	1.9	2.3	(8.6)
6		Ottawa Macdonald-Cartier Int'l, ON	3.3	3.2	3.3	3.4	3.6	3.8	3.9	3.9	1.0	1.1	(11.4)
7		Winnipeg Richardson International, MB	2.8	2.8	2.9	3.1	3.3	3.6	3.6	3.5	0.9	1.1	(10.4)
8		Halifax Robert L. Stanfield Int'l, NS	2.8	2.8	2.9	3.0	3.2	3.4	3.6	3.5	0.8	1.0	(10.4)
9		Kelowna International, BC	1.3	1.3	1.4	1.4	1.6	1.7	1.9	1.8	0.6	0.8	(5.1)
10		Victoria International, BC	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.6	0.5	0.6	(6.7)
		<b>Total Domestic</b>	<b>53.2</b>	<b>55.1</b>	<b>58.0</b>	<b>59.4</b>	<b>63.1</b>	<b>66.5</b>	<b>69.2</b>	<b>69.3</b>	<b>21.1</b>	<b>25.9</b>	<b>(7.7)</b>
<b>Transborder<sup>1</sup></b>													
1		Toronto Pearson International, ON	9.3	9.7	10.2	10.9	11.8	12.7	13.4	13.6	3.0	2.2	(14.6)
2		Vancouver International, BC	4.2	4.2	4.6	4.9	5.4	5.9	6.2	6.3	1.3	0.9	(15.4)
3		Montréal Trudeau International, QC	3.1	3.2	3.4	3.5	3.8	4.0	4.3	4.4	1.0	0.8	(13.5)
4		Calgary International, AB	2.7	2.7	3.0	3.0	2.9	3.1	3.3	3.5	0.8	0.6	(15.5)
5		Edmonton International, AB	1.2	1.2	1.3	1.2	0.9	0.9	1.0	1.0	0.2	0.1	(28.8)
6		Winnipeg Richardson International, MB	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.1	0.0	(28.8)
7		Ottawa Macdonald-Cartier Int'l, ON	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.2	0.0	(37.1)
8		Aéroport int'l Jean-Lesage de Québec, QC	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	(31.1)
9		Hamilton International Airport, ON	C	C	C	C	C	C	C	C	C	C	
10		Victoria International, BC	C	C	C	C	C	C	C	C	C	C	
		<b>Total Transborder</b>	<b>22.1</b>	<b>22.7</b>	<b>24.3</b>	<b>25.1</b>	<b>26.4</b>	<b>28.1</b>	<b>29.9</b>	<b>30.5</b>	<b>6.8</b>	<b>4.7</b>	<b>(15.8)</b>
<b>Other International</b>													
1		Toronto Pearson International, ON	11.1	11.3	12.0	13.1	14.5	16.1	17.4	17.8	4.7	3.5	(11.9)
2		Montréal Trudeau International, QC	5.2	5.2	5.5	5.8	6.2	7.0	7.7	8.2	2.2	1.8	(11.3)
3		Vancouver International, BC	4.0	4.1	4.5	4.6	5.5	6.2	7.0	6.9	1.7	1.0	(14.2)
4		Calgary International, AB	1.3	1.3	1.3	1.4	1.5	1.7	1.7	1.9	0.5	0.3	(13.6)
5		Ottawa Macdonald-Cartier Int'l, ON	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.2	0.0	(21.0)
6		Aéroport int'l Jean-Lesage de Québec, QC	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.0	(26.1)
7		Edmonton International, AB	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.0	(33.3)
8		Halifax Robert L. Stanfield Int'l, NS	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.1	0.0	(32.9)
9		Winnipeg Richardson International, MB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	(29.5)
10		Hamilton International Airport, ON	C	C	C	C	C	C	C	C	C	C	
		<b>Total Other International</b>	<b>23.2</b>	<b>23.6</b>	<b>25.1</b>	<b>26.8</b>	<b>29.4</b>	<b>32.5</b>	<b>35.4</b>	<b>36.6</b>	<b>9.8</b>	<b>6.7</b>	<b>(12.8)</b>
<b>All Sectors</b>													
1		Toronto Pearson International, ON	34.0	35.2	37.2	39.7	43.1	46.0	48.4	49.1	12.9	12.3	(10.7)
2		Vancouver International, BC	17.1	17.5	19.0	19.6	21.7	23.6	25.3	25.4	7.1	6.9	(9.6)
3		Calgary International, AB	12.9	13.5	14.4	14.6	14.9	15.6	16.7	17.2	5.3	5.9	(8.3)
4		Montréal Trudeau International, QC	13.4	13.5	14.3	14.8	16.0	17.6	18.8	19.5	5.1	4.9	(10.6)
5		Edmonton International, AB	6.7	7.2	7.7	7.5	7.1	7.5	7.9	7.9	2.4	2.6	(10.0)
6		Ottawa Macdonald-Cartier Int'l, ON	4.5	4.4	4.5	4.5	4.7	4.8	5.0	5.0	1.3	1.1	(14.3)
7		Winnipeg Richardson International, MB	3.4	3.4	3.6	3.7	3.9	4.2	4.2	4.1	1.2	1.1	(12.0)
8		Halifax Robert L. Stanfield Int'l, NS	3.5	3.5	3.6	3.6	3.8	4.0	4.2	4.1	1.0	1.0	(12.5)
9		Kelowna International Airport, BC	1.4	1.5	1.6	1.5	1.7	1.9	2.0	2.0	0.7	0.8	(6.2)
10		Victoria International, BC	1.5	1.5	1.6	1.7	1.8	1.9	2.0	1.9	0.5	0.6	(8.7)
		<b>Total All Sectors</b>	<b>98.5</b>	<b>101.2</b>	<b>107.4</b>	<b>111.1</b>	<b>118.8</b>	<b>127.1</b>	<b>134.4</b>	<b>136.1</b>	<b>37.5</b>	<b>37.3</b>	<b>(10.2)</b>
<b>Grand Total for All Airports</b>													
		Domestic	71.9	74.4	78.4	79.7	84.1	88.8	92.2	92.8	28.6	34.3	(7.9)
		Transborder	23.8	24.5	26.2	26.9	28.1	29.6	31.4	32.2	7.1	4.8	(16.3)
		Other International	23.6	24.0	25.5	27.3	29.8	33.0	35.9	37.0	10.1	6.7	(13.0)
		<b>All Sectors</b>	<b>119.3</b>	<b>123.0</b>	<b>130.1</b>	<b>133.8</b>	<b>142.0</b>	<b>151.4</b>	<b>159.5</b>	<b>162.0</b>	<b>45.7</b>	<b>45.9</b>	<b>(10.1)</b>
<b>Top 10's Share (%) of Grand Total</b>													
		Domestic	74.1	73.9	74.1	74.5	75.1	75.0	75.1	74.7	73.9	75.5	
		Transborder	93.1	92.6	92.8	93.5	94.0	94.8	95.1	94.9	96.3	97.7	
		Other International	98.3	98.2	98.2	98.2	98.4	98.5	98.7	98.8	97.8	99.9	
		<b>All Sectors</b>	<b>82.5</b>	<b>82.3</b>	<b>82.5</b>	<b>83.1</b>	<b>83.7</b>	<b>84.0</b>	<b>84.3</b>	<b>84.0</b>	<b>82.1</b>	<b>81.3</b>	

Notes: 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 2012-2021

**Table A16: Volume of Traffic Carried by Canadian Air Carriers<sup>1</sup>, 2012-2021**

<i>Year</i>	<i>(Millions)</i>			
	<i>Passengers</i>	<i>Passenger - Kilometers</i>	<i>Goods (Tonnes)</i>	<i>Goods Tonne-Kilometers</i>
2012	66.9	156,323	0.7	2,266
2013	67.4	155,876	0.7	2,169
2014	72.2	167,108	0.7	2,376
2015	75.5	176,255	0.7	2,283
2016	80.4	191,889	0.7	2,529
2017	86.8	209,725	0.8	3,069
2018	91.5	226,643	0.9	3,322
2019	92.9	232,703	0.9	3,221
2020	27.3	62,377	0.9	2,484
2021	25.0	51,917	1.1	3,240
<b>CAGR 2012-2021</b>	<b>(10.4)</b>	<b>(11.5)</b>	<b>4.0</b>	<b>4.1</b>

Notes: 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 Cargo<sup>1</sup>, by Sector, 2012-2021

Ranking Average 2012-21	Sector; Airport / Province	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012-2021 CAGR
<b>Domestic</b>												
1	Toronto Pearson International, ON	67.3	67.4	73.7	80.2	80.6	96.8	95.6	95.7	74.5	80.8	2.0
2	Vancouver International, BC	75.9	71.1	81.8	87.3	90.8	103.7	115.7	110.3	105.3	70.7	(0.8)
3	Montréal Trudeau International, QC	11.6	10.2	14.0	15.9	21.7	24.6	28.1	27.6	23.8	27.7	10.2
4	Calgary International, AB	34.1	28.5	29.2	33.8	35.2	47.5	49.5	46.9	48.9	27.3	(2.4)
5	John C Munro Hamilton Int'l, ON	67.0	65.3	67.7	74.4	77.8	75.2	84.5	80.0	93.3	19.6	(12.8)
6	Winnipeg Richardson International, MB	54.4	47.1	49.9	56.3	C	C	C	C	C	C	
7	Montréal Mirabel, QC	34.2	33.2	33.0	33.4	37.9	C	C	C	C	C	
8	Yellowknife Airport, NT	C	C	C	6.4	12.0	16.2	19.8	14.6	C	12.9	24.4
9	Thompson Municipal Airport, MB	C	C	C	C	C	C	C	C	C	C	
10	La Grande Rivière Airport, QC	C	C	C	C	C	C	C	C	C	C	
	<b>Subtotal (Domestic)</b>	<b>347.3</b>	<b>331.2</b>	<b>354.1</b>	<b>388.3</b>	<b>433.8</b>	<b>464.8</b>	<b>495.1</b>	<b>467.4</b>	<b>456.4</b>	<b>289.7</b>	<b>(2.0)</b>
<b>Transborder</b>												
1	Toronto Pearson International, ON	91.1	91.2	93.3	90.2	88.7	93.8	95.6	96.4	90.9	74.4	(2.2)
2	Montréal Mirabel, QC	36.7	35.7	36.8	36.4	35.6	41.1	49.2	49.8	47.5	38.4	0.5
3	Vancouver International, BC	33.4	34.3	31.5	37.2	36.5	43.7	44.2	33.2	35.2	27.1	(2.3)
4	Calgary International, AB	24.9	26.4	24.0	21.1	20.3	21.3	22.9	23.4	23.3	19.1	(2.9)
5	John C Munro Hamilton Int'l, ON	18.1	25.8	32.4	C	C	C	C	C	C	C	
6	Winnipeg Richardson International, MB	8.3	8.0	8.3	C	C	C	C	C	C	C	
7	Edmonton International, AB	6.5	8.0	8.3	6.9	C	C	C	C	C	C	
8	Halifax Robert L. Stanfield Int'l, NS	0.2	0.0	0.5	0.3	C	C	C	C	C	C	
9	Ottawa Macdonald-Cartier Int'l, ON	0.8	0.9	0.8	1.0	C	C	C	C	C	C	
10	Montréal Trudeau International, QC	1.0	1.3	1.3	0.9	0.7	1.1	1.7	2.9	0.6	1.0	(0.8)
	<b>Subtotal (Transborder)</b>	<b>220.9</b>	<b>231.5</b>	<b>237.3</b>	<b>244.5</b>	<b>242.4</b>	<b>241.9</b>	<b>247.7</b>	<b>239.3</b>	<b>248.8</b>	<b>193.4</b>	<b>(1.5)</b>
<b>Other International</b>												
1	Toronto Pearson International, ON	190.1	188.7	193.1	204.2	217.6	259.5	296.3	273.9	147.7	164.6	(1.6)
2	Vancouver International, BC	85.9	84.4	103.4	112.9	124.8	138.7	174.5	148.9	96.8	96.7	1.3
3	Montréal Trudeau International, QC	67.6	66.0	62.7	64.9	74.7	78.8	93.3	94.6	56.1	59.0	(1.5)
4	Calgary International, AB	18.4	21.2	26.5	24.7	22.2	23.6	20.2	18.6	8.8	9.3	(7.4)
5	Halifax Robert L. Stanfield Int'l, NS	2.9	3.0	3.4	3.5	C	C	C	C	C	C	
6	John C Munro Hamilton Int'l, ON	0.6	1.4	0.5	0.2	C	C	C	C	C	C	
7	Edmonton International, AB	1.4	1.1	1.2	1.7	C	C	C	C	2.0	C	
8	Moncton/Greater Moncton Int'l, NB	0.1	C	C	C	C	C	C	C	C	C	
9	Goose Bay Airport, NL	C	C	C	C	C	C	C	C	C	C	
10	St. John's International Airport, NL	0.3	0.0	0.1	0.0	0.1	C	C	C	C	C	
	<b>Subtotal (Other International)</b>	<b>367.3</b>	<b>365.9</b>	<b>391.1</b>	<b>412.2</b>	<b>447.2</b>	<b>509.5</b>	<b>598.5</b>	<b>546.0</b>	<b>320.8</b>	<b>338.2</b>	<b>(0.9)</b>
<b>All Sectors</b>												
1	Toronto Pearson International, ON	348.5	347.2	360.1	374.5	386.9	450.0	487.5	465.9	313.1	319.8	(1.0)
2	Vancouver International, BC	195.2	189.8	216.8	237.3	252.1	286.2	334.4	292.3	237.3	194.5	(0.0)
3	John C Munro Hamilton Int'l, ON	85.7	92.5	100.6	116.8	123.1	99.5	106.9	98.8	123.4	31.4	(10.6)
4	Calgary International, AB	77.5	76.1	79.7	79.6	77.8	92.3	92.6	88.9	81.1	55.6	(3.6)
5	Montréal Trudeau International, QC	80.2	77.4	77.9	81.6	97.0	104.6	123.0	125.1	80.5	87.7	1.0
6	Montréal Mirabel, QC	71.4	69.3	70.2	70.5	73.8	78.5	90.6	84.2	79.5	53.4	(3.2)
7	Winnipeg Richardson International, MB	63.2	55.5	59.1	64.9	84.5	69.8	65.7	57.1	61.0	23.5	(10.4)
8	Edmonton International, AB	24.8	27.3	28.3	27.0	26.0	27.2	29.4	27.0	27.5	15.5	(5.1)
9	Halifax Robert L. Stanfield Int'l, NS	29.4	28.6	30.5	25.8	26.7	28.4	25.3	21.6	24.2	19.1	(4.7)
10	Moncton/Greater Moncton Int'l, NB	25.1	22.8	23.2	27.5	28.8	22.2	23.0	17.1	16.1	5.5	(15.5)
	<b>Subtotal (All Sectors)</b>	<b>1,001.0</b>	<b>986.4</b>	<b>1,046.4</b>	<b>1,105.6</b>	<b>1,176.6</b>	<b>1,258.9</b>	<b>1,378.5</b>	<b>1,278.2</b>	<b>1,043.7</b>	<b>806.1</b>	<b>(2.4)</b>
<b>Grand Total for All Airports</b>												
	Domestic	473.2	467.0	484.4	527.7	607.9	655.2	698.3	659.3	648.0	435.8	(0.9)
	Transborder	221.8	232.2	238.0	245.2	242.9	242.5	248.3	239.7	249.6	193.6	(1.5)
	Other International	370.8	368.7	395.9	416.1	450.7	512.6	603.1	549.0	321.9	338.5	(1.0)
	<b>All sectors</b>	<b>1,065.8</b>	<b>1,067.9</b>	<b>1,118.2</b>	<b>1,189.0</b>	<b>1,301.6</b>	<b>1,410.3</b>	<b>1,549.7</b>	<b>1,448.1</b>	<b>1,219.4</b>	<b>967.9</b>	<b>(1.1)</b>
<b>Top 10's Share (%) of Grand Total</b>												
	Domestic	73.4	70.9	73.1	73.6	71.4	70.9	70.9	70.9	70.4	66.5	
	Transborder	99.6	99.7	99.7	99.7	99.8	99.7	99.8	99.8	99.7	99.9	
	Other International	99.1	99.2	98.8	99.1	99.2	99.4	99.2	99.5	99.7	99.9	
	<b>All Sectors</b>	<b>93.9</b>	<b>92.4</b>	<b>93.6</b>	<b>93.0</b>	<b>90.4</b>	<b>89.3</b>	<b>88.9</b>	<b>88.3</b>	<b>85.6</b>	<b>83.3</b>	

Notes : 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.

Sources: Transport Canada, ECATS database

**Table A18: Air Exports and Imports, by World Region, 2020 and 2021**

(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>		
<b>Exports (2020<sup>R</sup>)</b>				
Europe	26,784	2,956	29,740	45.4
United States	20,680	1,133	21,813	33.3
Asia	6,793	1,911	8,704	13.3
Latin America	1,449	348	1,796	2.7
Other	2,461	982	3,443	5.3
<b>Total Exports<sup>1</sup></b>	<b>58,167</b>	<b>7,329</b>	<b>65,496</b>	<b>100.0</b>
<b>Exports (2021<sup>P</sup>)</b>				
Europe	24,495	3,855	28,350	44.1
United States	18,380	1,204	19,584	30.4
Asia	9,145	1,778	10,923	17.0
Latin America	1,454	296	1,750	2.7
Other	2,811	924	3,736	5.8
<b>Total Exports<sup>1</sup></b>	<b>56,286</b>	<b>8,057</b>	<b>64,343</b>	<b>100.0</b>
<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>		
<b>Imports (2020<sup>R</sup>)</b>				
Europe	21,967	2,166	24,132	30.5
Asia	16,571	3,569	20,140	25.4
United States	15,859	3,879	19,738	24.9
Latin America	8,278	592	8,870	11.2
Other	5,818	456	6,274	7.9
<b>Total Imports</b>	<b>68,492</b>	<b>10,662</b>	<b>79,154</b>	<b>100.0</b>
<b>Imports (2021<sup>P</sup>)</b>				
Europe	21,502	2,652	24,154	29.7
Asia	17,921	4,444	22,365	27.5
United States	16,148	4,946	21,093	25.9
Latin America	7,810	741	8,552	10.5
Other	4,768	525	5,293	6.5
<b>Total Imports</b>	<b>68,150</b>	<b>13,307</b>	<b>81,457</b>	<b>100.0</b>

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, 2020 and 2021**

(Millions of dollars)

<b>Exports<sup>1</sup></b>	<i>2020<sup>R</sup></i>	<i>2021<sup>P</sup></i>	<i>Per Cent Change</i>
Other manufactured and miscellaneous goods	34,441	33,488	(2.8)
Machinery and electrical equipment	12,171	12,839	5.5
Automobiles, parts and other transportation equipment	9,595	9,405	(2.0)
<i>Aviation-related equipment</i>	9,455	9,212	(2.6)
Chemical products, plastics and rubber	6,101	5,460	(10.5)
Agricultural and food products	1,479	1,701	15.0
Base metals and articles thereof	774	641	(17.2)
Waste and scrap material	728	584	(19.7)
Wood and paper products	144	156	8.1
Non-metallic minerals, coal and stone products	59	64	8.4
Metallic ores	2	2	52.0
Petroleum products, LNG and other fuels <sup>2</sup>	3	2	(27.9)
<b>Total Exports</b>	<b>65,496</b>	<b>64,343</b>	<b>(1.8)</b>
<b>Imports</b>			<i>Per Cent Change</i>
Machinery and electrical equipment	25,826	28,117	8.9
Other manufactured and miscellaneous goods	27,586	26,649	(3.4)
Chemical products, plastics and rubber	15,363	15,458	0.6
Automobiles, parts and other transportation equipment	5,143	5,026	(2.3)
<i>Aviation-related equipment</i>	4,678	4,486	(4.1)
Waste and scrap material	2,529	2,952	16.7
Base metals and articles thereof	1,246	1,462	17.4
Agricultural and food products	929	1,199	29.0
Wood and paper products	308	324	5.4
Non-metallic minerals, coal and stone products	216	262	20.9
Petroleum products, LNG and other fuels <sup>2</sup>	9	8	(5.0)
Metallic ores	0	1	1.9
<b>Total Imports</b>	<b>79,154</b>	<b>81,457</b>	<b>2.9</b>

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

**Table M1: Port Classifications, as of December 31, 2021**

	<i>Federal</i>	<i>Provincial</i>	<i>Local</i>	<i>Total</i>
<b>Federal Agency Ports</b>				
Canada Port Authorities	17	N/A	N/A	17
Harbour Authorities	0	N/A	N/A	0
<b>Ports Operated by Transport Canada</b>				
Regional/Local	19	N/A	N/A	19
Remote	15	N/A	N/A	15
<b>Ports Transferred<sup>1</sup></b>				
From Transport Canada	68	48	153	269
<b>Status of Other Former Transport Canada Ports</b>				
Demolished	17	N/A	N/A	17
Interests Terminated	24	N/A	N/A	24
Deproclaimed <sup>2</sup>	215	N/A	N/A	215

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 2008 to 2017 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, 2011–2021****(Status as of December 31, 2021)**

<i>Province</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>	<i>2020</i>	<i>2021</i>
Newfoundland and Labrador	7	7	6	3	3	3	3	2	2	2	2
Nova Scotia	2	2	2	2	2	1	1	0	0	0	0
Prince Edward Island	1	1	0	0	0	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0	0	0	0	0	0
Quebec	27	26	25	25	25	25	24	24	24	20	19
Ontario	8	8	8	8	8	7	7	7	7	6	6
Manitoba	1	1	1	1	1	1	1	1	0	0	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	15	15	13	10	10	10	10	9	6	6	6
Northwest Territories	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>62</b>	<b>61</b>	<b>56</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>47</b>	<b>44</b>	<b>40</b>	<b>35</b>	<b>34</b>

*Source: Transport Canada, Port Program Management*

**Table M3: Status of Transport Canada Port Facilities**

(Status as of December 31, 2021)

<i>Region</i>	<i>Transferred to Provinces</i>	<i>Transferred to Other Federal Departments</i>	<i>Divested to Local Interests</i>	<i>Demolished</i>	<i>Transport Canada Interests Terminated</i>	<i>Deproclaimed<sup>1</sup></i>	<i>Remaining</i>	<i>Total</i>	<i>Harbour beds without port facilities</i>
Atlantic	36	5	42	3	14	160	2	262	19
Quebec	11	3	15	6	0	27	19	81	0
Ontario	1	4	22	1	4	17	6	55	4
Manitoba	0	0	1	1	0	0	0	2	1
Prairie/Northern	0	45	2	0	0	1	1	49	0
Pacific	0	11	71	6	6	10	6	110	1
<b>Total</b>	<b>48</b>	<b>68</b>	<b>153</b>	<b>17</b>	<b>24</b>	<b>215</b>	<b>34</b>	<b>559</b>	<b>25</b>

Notes:

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, 2020**

(Thousands of dollars)

<i>Financial Information</i>	<i>Metro Vancouver</i>	<i>Montreal</i>	<i>Halifax</i>	<i>Quebec City</i>	<i>Saint John</i>	<i>St. John's</i>	<i>Prince Rupert</i>	<i>Port Alberni</i>	<i>Hamilton</i>
Operating revenues	274,082	116,562	43,333	37,338	16,532	7,972	67,169	3,642	31,555
Operating expenses	146,418	95,589	29,530	32,980	14,824	6,630	34,332	3,976	23,132
Operating income	127,664	20,973	13,803	4,358	1,708	1,342	32,837	(334)	8,423
Gross revenue charge	7,504	4,350	1,987	1,641	488	161	3,343	70	1,312
Other revenues/(expenses)	(4,059)	(2,225)	(2,367)	(4,282)	806	(654)	225	29	(1,313)
<b>Comprehensive Income</b>	<b>116,101</b>	<b>14,398</b>	<b>9,449</b>	<b>(1,565)</b>	<b>2,026</b>	<b>527</b>	<b>29,719</b>	<b>(375)</b>	<b>5,798</b>
<i>Other Information</i>									
Acquisition of capital assets	283,053	102,117	20,017	45,842	71,936	1,883	85,317	1,911	29,884
Total assets	2,319,744	688,650	253,299	249,211	134,243	47,366	385,153	17,120	182,891
Equity	2,050,600	423,450	213,481	116,529	108,583	39,553	288,235	11,060	157,196
<i>Ratios</i>									
Operating ratio	53.4%	82.0%	68.1%	88.3%	89.7%	83.2%	51.1%	109.2%	73.3%
Return on assets	5.0%	2.1%	3.7%	-0.6%	1.5%	1.1%	7.7%	-2.2%	3.2%
<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	8,107	3,271	36,609	1,463	4,652	24,612	9,995	8,102	<b>694,996</b>
Operating expenses	9,459	2,937	43,596	1,392	2,670	13,208	7,651	5,921	<b>474,245</b>
Operating income	(1,352)	334	(6,987)	71	1,982	11,404	2,344	2,181	<b>220,751</b>
Gross revenue charge	162	74	1,036	33	95	899	228	168	<b>23,551</b>
Other revenues/(expenses)	(272)	422	(11,524)	173	193	2,331	88	(379)	<b>(22,808)</b>
<b>Comprehensive Income</b>	<b>(1,786)</b>	<b>682</b>	<b>(19,547)</b>	<b>211</b>	<b>2,080</b>	<b>12,836</b>	<b>2,204</b>	<b>1,634</b>	<b>174,392</b>
<i>Other Information</i>									
Acquisition of capital assets	292	4,996	12,976	87	816	32,311	3,461	2,362	<b>699,261</b>
Total assets	29,320	45,013	331,344	14,613	32,513	334,532	113,181	82,147	<b>5,260,340</b>
Equity	26,089	44,317	207,937	13,460	29,400	128,228	73,856	58,758	<b>3,990,732</b>
<i>Ratios</i>									
Operating ratio	116.7%	89.8%	119.1%	95.1%	57.4%	53.7%	76.5%	73.1%	<b>68.2%</b>
Return on assets	-6.1%	1.5%	-5.9%	1.4%	6.4%	3.8%	1.9%	2.0%	<b>3.3%</b>

Sources: CPAs 2020 Audited Financial Statements

<sup>1</sup> - The Oshawa Port Authority did not issue 2020 audited financial statements. The Oshawa Port Authority was amalgamated with the Hamilton Port Authority in June 2019.

**Table M5: Canada Port Authorities (CPA) Financial Comparison, 2019 and 2020**

(Thousands of dollars)

Canada Port Authorities	Operating revenues		Operating expenses		Gross Revenue Charge		Other revenues/(expenses)		Comprehensive Income	
	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019
Metro Vancouver	274,082	301,318	146,418	147,471	7,504	8,039	(4,059)	99,653	116,101	245,461
Montreal	116,562	129,984	95,589	94,654	4,350	4,629	(2,225)	4,566	14,398	35,267
Halifax	43,333	45,218	29,530	32,806	1,987	2,112	(2,367)	(1,152)	9,449	9,148
Quebec	37,338	43,055	32,980	32,408	1,641	1,972	(4,282)	(991)	(1,565)	7,684
Saint John	16,532	24,327	14,824	20,055	488	869	806	1,097	2,026	4,500
St. John's	7,972	8,582	6,630	6,656	161	174	(654)	(253)	527	1,499
Prince Rupert	67,169	66,568	34,332	36,544	3,343	3,337	225	467	29,719	27,154
Port Alberni	3,642	4,097	3,976	4,104	70	79	29	96	(375)	10
Hamilton	31,555	31,596	23,132	23,098	1,312	1,320	(1,313)	(727)	5,798	6,451
Nanaimo	8,107	10,071	9,459	10,325	162	205	(272)	(162)	(1,786)	(621)
Thunder Bay	3,271	3,147	2,937	3,037	74	74	422	541	682	577
Toronto	36,609	61,013	43,596	49,477	1,036	3,039	(11,524)	(6,194)	(19,547)	2,303
Windsor	1,463	1,519	1,392	1,482	33	35	173	210	211	212
Saguenay	4,652	4,586	2,670	2,823	95	97	193	(141)	2,080	1,525
Sept-Îles	24,612	20,792	13,208	14,855	899	695	2,331	9,485	12,836	14,727
Trois-Rivières	9,995	9,646	7,651	6,845	228	224	88	340	2,204	2,917
Belledune	8,102	8,666	5,921	6,237	168	179	(379)	(1)	1,634	2,249
Oshawa <sup>1</sup>										
<b>Total</b>	<b>694,996</b>	<b>774,185</b>	<b>474,245</b>	<b>492,877</b>	<b>23,551</b>	<b>27,079</b>	<b>(22,808)</b>	<b>106,834</b>	<b>174,392</b>	<b>361,063</b>

Sources: CPAs 2019 and 2020 Audited Financial Statements

<sup>1</sup> - The Oshawa Port Authority did not issue 2019 and 2020 audited financial statements. The Oshawa Port Authority was amalgamated with the Hamilton Port Authority in June 2019.

**Table M6: Financial Results for Transport Canada Ports, 2011/2012 - 2021-22**

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22 <sup>F</sup>
Revenues	10.4	9.3	8.8	8.7	8.1	8.1	8.5	8.4	8.2	4.9	4.6
Expenses	12.3	12.1	12.2	11.6	11.7	12.2	11.3	14.7	16.9	8	10.6
Operating Income	(1.9)	(2.8)	(3.4)	(2.9)	(3.6)	(4.1)	(2.8)	(6.3)	(8.7)	(3.1)	(6.0)
Capital Expenditures	11.6	6.2	11.9	8.4	4.8	3.9	4.4	12.2	8.8	1.3	8.9
Grants and Contributions	28.2	12.9	24.3	3.0	0.1	5.4	0.8	0.4	150.4	0	44.8
<b>Net Income</b>	<b>(41.7)</b>	<b>(21.9)</b>	<b>(39.6)</b>	<b>(14.3)</b>	<b>(8.4)</b>	<b>(13.4)</b>	<b>(8.0)</b>	<b>(18.9)</b>	<b>(167.9)</b>	<b>(4.4)</b>	<b>(59.7)</b>

Note: F= Forecast (at P11 - March 22, 2022)

Source: Transport Canada, Air, Marine and Environmental Programs

**Table M7: St. Lawrence Seaway Financial Performance, 2011/12–2020/21**

(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 Expenses<sup>2</sup></i>
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 <sup>1</sup>	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
2019/20	79,759	125,165	(45,406)	15,362
2020/21	81,855	135,010	(51,355)	7,234

Notes: Fiscal year from April 1<sup>st</sup> to March 31<sup>st</sup>.

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, 2010–2021**

(Thousands of dollars)

<i>Pilotage Authority</i>		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Atlantic (APA)	Revenues	21,584	22,041	20,341	21,576	22,562	22,673	24,093	27,793	28,831	29,691	25,326	26,945
	Expenditures	19,208	20,148	20,483	21,475	23,180	23,224	22,896	24,880	27,085	28,394	26,593	26,623
	Net Income (loss)	2,376	1,893	-142	101	-618	-551	1,197	2,913	1,746	1,297	-1,267	322
Laurentian (LPA)	Revenues	69,241	77,399	78,752	78,066	85,136	86,229	91,430	95,017	105,902	108,293	93,971	100,361
	Expenditures	64,054	72,030	76,020	76,554	83,045	82,597	89,890	94,709	106,512	107,679	96,535	101,474
	Net Income (loss)	5,187	5,369	2,732	1,512	2,091	3,632	1,540	308	-609	613	-2,564	-1,113
Great Lakes (GLPA)	Revenues	20,089	19,599	20,558	22,223	26,602	25,554	25,888	30,283	35,379	40,479	38,188	46,152
	Expenditures	18,076	18,945	20,182	21,323	25,266	25,906	26,742	29,588	35,051	41,667	38,998	40,580
	Net Income (loss)	2,013	654	376	900	1,336	-352	-854	695	327	-1,187	-809	5,572
Pacific (PPA)	Revenues	59,212	61,758	64,576	71,959	74,689	73,016	76,552	85,795	92,614	96,856	83,241	85,676
	Expenditures	55,973	58,801	63,123	72,313	78,193	77,411	80,330	86,541	90,623	93,972	83,432	87,186
	Net Income (loss)	3,239	2,957	1,453	-354	-3,504	-4,395	-3,778	-756	1,991	2,884	-191	-1,510
<b>Total All Authorities</b>	<b>Revenues</b>	<b>170,126</b>	<b>180,797</b>	<b>184,227</b>	<b>193,824</b>	<b>208,989</b>	<b>207,472</b>	<b>217,963</b>	<b>238,888</b>	<b>262,726</b>	<b>275,319</b>	<b>240,726</b>	<b>259,134</b>
	<b>Expenditures</b>	<b>157,279</b>	<b>169,924</b>	<b>179,808</b>	<b>191,665</b>	<b>209,684</b>	<b>209,138</b>	<b>219,858</b>	<b>235,718</b>	<b>259,271</b>	<b>271,712</b>	<b>245,558</b>	<b>255,863</b>
	<b>Net Income (loss)</b>	<b>12,847</b>	<b>10,873</b>	<b>4,419</b>	<b>2,159</b>	<b>-695</b>	<b>-1,666</b>	<b>-1,895</b>	<b>3,170</b>	<b>3,455</b>	<b>3,607</b>	<b>-4,832</b>	<b>3,271</b>

Sources: Pilotage Authorities' Annual Reports, various years

**Table M9: Total Pilotage Assignments and Assignments Per Pilot, 2010–2021**

<i>Pilotage Authority</i>	<i>Indicators</i>	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Atlantic (APA)	Number of Pilots <sup>1</sup>	59	45	55	52	56	58	58	59	61	61	61	61
	Total Assignments	9,338	8,997	8,254	8,338	8,472	8,348	7,959	8,809	8,720	8,694	7,234	6,793
	Assignments per Pilot	158	199	150	160	151	144	137	149	142	142	118	111
Laurentian (LPA)	Number of Pilots <sup>2</sup>	191	185	187	188	187	184	185	192	174	180	195	187
	Total Assignments	21,096	22,729	22,096	20,915	22,386	21,468	22,432	22,732	24,950	24,670	21,215	N/A
	Assignments per Pilot	110	123	118	111	120	117	121	118	143	137	108	N/A
Great Lakes (GLPA)	Number of Pilots <sup>3</sup>	57	57	56	56	56	56	59.5	59.6	54.7	59.1	60.1	63.3
	Total Assignments	6,059	6,389	6,358	6,403	7,462	7,166	7,020	7,636	8,798	10,093	9,290	9,105
	Assignments per Pilot	107	113	114	114	133	128	136	143	161	170	154	144
Pacific (PPA)	Number of Pilots <sup>4</sup>	105	105	105	107	106	106	111	122	126	132	132	129
	Total Assignments	11,688	12,522	12,292	12,840	13,264	12,892	12,661	13,397	13,364	13,282	12,736	12,214
	Assignments per Pilot	119	101	123	120	125	122	114	110	107	100	96	95
<b>Total All Authorities</b>	<b>Number of pilots</b>	<b>412</b>	<b>392</b>	<b>403</b>	<b>403</b>	<b>405</b>	<b>404</b>	<b>414</b>	<b>433</b>	<b>415.7</b>	<b>432.1</b>	<b>448.1</b>	<b>440.3</b>
	<b>Total Assignments</b>	<b>48,181</b>	<b>50,637</b>	<b>49,000</b>	<b>48,496</b>	<b>51,584</b>	<b>49,874</b>	<b>50,072</b>	<b>52,574</b>	<b>55,832</b>	<b>56,739</b>	<b>50,475</b>	<b>N/A</b>
	<b>Assignments per Pilot</b>	<b>121</b>	<b>121</b>	<b>123</b>	<b>120</b>	<b>127</b>	<b>123</b>	<b>121</b>	<b>122</b>	<b>138</b>	<b>131</b>	<b>112</b>	<b>N/A</b>

## 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, selected years**

<i>Type of Vessel</i>	<i>Gross Tonnage (000s)</i>			<i>Number of Vessels</i>		
	<i>2001</i>	<i>2011</i>	<i>2021</i>	<i>2001</i>	<i>2011</i>	<i>2021</i>
Dry bulk	1,266	1,293	899	71	71	42
Tankers	479	657	357	22	29	28
General cargo	186	147	440	25	20	45
Ferries	339	397	316	56	67	65
Other	35	38	257	6	6	20
<b>Total</b>	<b>2,200</b>	<b>2,548</b>	<b>2,269</b>	<b>182</b>	<b>195</b>	<b>200</b>

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, 2017 – 2021**

Vessel Type	Number of transits <sup>1</sup>				
	2017	2018	2019	2020	2021
Cargo	1,891	1,818	1,857	1,738	2,205
Container	4,056	4,129	4,087	3,615	3,961
Dry Bulk	9,475	8,720	8,677	8,078	8,534
Ferry/Ro-Ro	9,592	9,872	9,698	8,952	10,719
Fishing	3,655	3,690	3,455	3,348	4,264
Government/Research	14,926	17,090	19,165	19,253	16,457
Others/Special Ships	3,679	4,326	4,650	4,637	4,095
Passenger/Cruise	15,493	16,567	15,704	10,372	12,264
Pleasure Vessels	7,716	8,411	10,140	9,269	12,676
Tankers	5,239	5,672	5,441	4,551	4,434
Tugs/Port	53,593	57,237	60,203	48,307	57,074
<b>Total</b>	<b>129,315</b>	<b>137,532</b>	<b>143,077</b>	<b>122,120</b>	<b>136,683</b>

Vessel Type	Number of nautical miles sailed <sup>2</sup>				
	2017	2018	2019	2020	2021
Cargo	1,778,267	1,787,081	1,948,853	1,876,333	1,808,026
Container	2,419,275	2,661,462	2,636,679	2,500,241	2,830,314
Dry Bulk	5,076,340	5,342,020	5,179,701	4,970,884	5,184,812
Ferry/Ro-Ro	2,700,766	2,654,407	2,694,673	2,327,548	2,642,602
Fishing	4,023,483	4,110,759	4,490,841	4,400,471	5,226,532
Government/Research	1,611,881	1,606,286	1,599,155	1,685,745	1,760,821
Others/Special Ships	906,188	884,262	912,309	778,725	766,690
Passenger/Cruise	1,685,201	1,971,444	2,353,241	1,004,924	1,658,413
Pleasure Vessels	2,524,667	2,631,781	3,355,349	1,805,201	2,907,669
Tankers	2,658,452	2,891,915	2,915,909	2,473,256	2,689,249
Tugs/Port	3,076,155	3,365,929	3,516,866	3,294,007	3,524,855
<b>Total</b>	<b>28,460,675</b>	<b>29,907,346</b>	<b>31,603,577</b>	<b>27,117,336</b>	<b>30,999,983</b>

Notes:

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, Canadian Coast Guard, Automated Information System (AIS)

**Table M12: Vessel Trips in Canadian Waters, by Vessel Flag, 2017–2021**

<i>Vessel Flag</i>	<b>Number of transits<sup>1</sup></b>				
	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>
Canada	110,225	118,048	123,631	107,197	120,185
United States	2,891	2,823	3,083	1,405	2,049
International	16,199	16,661	16,363	13,518	14,449
<b>Total</b>	<b>129,315</b>	<b>137,532</b>	<b>143,077</b>	<b>122,120</b>	<b>136,683</b>

<i>Vessel Flag</i>	<b>Number of nautical miles sailed<sup>2</sup></b>				
	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>
Canada	15,018,816	15,671,243	17,163,225	15,402,253	18,621,963
United States	3,298,922	3,470,220	3,714,511	2,339,420	2,700,599
International	10,142,937	10,765,883	10,725,842	9,375,664	9,677,421
<b>Total</b>	<b>28,460,675</b>	<b>29,907,346</b>	<b>31,603,577</b>	<b>27,117,336</b>	<b>30,999,983</b>

**Notes:**

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, Canadian Coast Guard, Automated Information System (AIS)

**Table M13: Total Tonnage Handled by Canada's Port Authorities, 2012–2021**

(Millions of tonnes)

	<i>CPA Total Cargo Tonnage</i>	<i>Year-to-Year Change (%)</i>
2012	314.1	
2013	313.9	(0.1)
2014	311.3	(0.8)
2015 <sup>R</sup>	306.8	(1.4)
2016	311.1	1.4
2017 <sup>R</sup>	335.3	7.8
2018	343.2	2.4
2019	348.0	1.4
2020 <sup>R</sup>	346.1	(0.5)
2021 <sup>P</sup>	343.1	(0.9)

**CAGR 2012-2021 (%)** **1.0**

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

Source: Derived from Table M17.

**Table M14: St. Lawrence Seaway Cargo Traffic, 2010–2021**

(Millions of tonnes)

	<i>Montreal–Lake Ontario Section</i>	<i>Welland Canal Section</i>
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	29.1	28.6
2020	29.3	28.9
2021	29.7	27.6

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

**Table M15: St. Lawrence Seaway Traffic<sup>1</sup>, by Commodity, 2010-2021**

(Millions of tonnes)

<i>Year</i>	<i>Grain</i>	<i>Iron Ore</i>	<i>General Cargo</i>	<i>Coal</i>	<i>Other</i>	<i>Total</i>
2010	9.2	9.7	1.5	3.7	12.3	<b>36.5</b>
2011	8.6	8.8	1.9	3.7	14.4	<b>37.5</b>
2012	8.6	10.3	2.0	4.6	13.5	<b>39.0</b>
2013	8.4	9.9	1.6	4.5	12.6	<b>37.0</b>
2014	12.1	6.9	3.2	4.2	13.6	<b>39.9</b>
2015	10.9	7.2	2.7	2.5	13.0	<b>36.2</b>
2016	11.3	6.2	2.6	2.3	12.6	<b>35.0</b>
2017	10.1	8.2	3.3	2.3	14.3	<b>38.3</b>
2018	12.3	7.5	3.3	2.5	15.3	<b>41.0</b>
2019	10.5	6.9	2.2	2.4	16.3	<b>38.4</b>
2020	13.3	6.1	2.3	2.4	13.6	<b>37.7</b>
2021 <sup>P</sup>	10.6	6.9	3.9	2.1	14.6	<b>38.1</b>

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, 2012–2021**

(Thousands of passengers)

	<i>Vancouver-Fraser</i>	<i>Victoria</i>	<i>Montreal</i>	<i>Quebec City</i>	<i>Halifax</i>	<i>Sydney</i>	<i>Saint John</i>
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	889.2	640.0	101.5	230.9	316.9	130.2	159.5
2019	1,070.9	709.0	90.1	236.7	323.7	150.7	196.0
2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021 <sup>P</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: P= Preliminary data.

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

**Table M17: Cargo Tonnage Handled by Canada Port Authorities (CPAs), 2012–2021**

	(millions of tonnes)										
	2012	2013	2014	2015 <sup>R</sup>	2016	2017 <sup>R</sup>	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>	CAGR (%)
Vancouver-Fraser	127.6	135.0	139.6	138.2	135.5	142.1	147.1	144.2	145.5	146.5	1.5
Montreal	28.4	28.2	30.4	32.0	35.4	38.0	38.9	40.6	35.1	34.0	2.0
Sept-Îles	27.9	27.7	23.8	22.7	22.9	24.2	25.4	29.3	33.1	32.1	1.6
Saint John	27.7	27.7	23.9	26.4	26.4	30.5	25.1	25.4	26.0	28.8	0.4
Quebec	33.1	27.1	24.3	21.4	24.8	27.6	27.6	29.0	27.0	28.3	-1.7
Prince Rupert	22.3	23.1	20.7	19.7	18.9	24.2	26.7	29.8	32.4	24.6	1.1
Hamilton-Oshawa <sup>1</sup>	10.8	10.3	10.9	9.6	9.7	10.3	12.2	10.6	10.9	11.4	0.6
Halifax	9.5	8.6	7.8	7.6	8.3	8.9	9.0	8.6	8.3	8.8	-0.8
Thunder Bay	7.8	6.5	9.3	8.9	8.8	8.8	8.7	9.3	10.2	8.6	1.1
Nanaimo	3.0	3.8	4.1	4.4	5.4	5.5	5.3	4.6	3.3	4.3	4.1
Windsor	5.5	6.0	5.4	5.6	4.8	5.1	5.2	4.7	4.5	4.2	-3.0
Trois-Rivières	3.4	2.7	3.8	3.1	2.8	2.6	3.8	4.2	3.3	3.9	1.5
Toronto	1.9	1.6	1.9	1.7	1.8	2.2	2.2	2.2	2.2	2.3	2.1
Belledune	1.9	1.7	1.7	1.8	2.0	2.0	2.4	2.2	1.7	1.8	-0.6
St. John's	1.4	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.5	1.4	0.0
Saguenay	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.5	1.2	16.7
Port Alberni	1.6	1.8	1.7	1.6	1.6	1.3	1.5	1.0	0.6	0.9	-6.2
<b>Total</b>	<b>314.1</b>	<b>313.9</b>	<b>311.3</b>	<b>306.8</b>	<b>311.1</b>	<b>335.3</b>	<b>343.2</b>	<b>348.0</b>	<b>346.1</b>	<b>343.1</b>	<b>1.0</b>

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

Totals may not add up due to rounding.

<sup>1</sup> 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, 2012-2021**

	(Thousands of TEUs)									
	2012 <sup>R</sup>	2013 <sup>R</sup>	2014 <sup>R</sup>	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019	2020	2021 <sup>P</sup>
<b>Vancouver-Fraser</b>										
Total containers	2,713.1	2,825.5	2,919.9	3,054.5	2,929.6	3,252.2	3,396.4	3,398.9	3,467.5	3,679.0
Empty containers	314.7	281.3	368.1	446.0	323.0	472.8	533.5	567.5	626.9	891.5
<b>Montreal</b>										
Total containers	1,364.3	1,346.1	1,402.4	1,369.7	1,447.6	1,537.7	1,679.4	1,745.2	1,607.3	1,728.1
Empty containers	187.7	159.1	168.5	100.7	179.6	185.8	237.1	225.3	218.3	300.7
<b>Prince Rupert</b>										
Total containers	564.9	536.4	618.2	776.4	736.7	926.5	1,036.0	1,210.8	1,141.4	1,054.8
Empty containers	122.3	83.0	102.3	186.9	133.2	236.6	259.9	340.0	304.2	349.0
<b>Halifax</b>										
Total containers	416.6	442.2	400.1	418.4	480.7	559.2	547.4	546.7	507.2	595.8
Empty containers	67.0	67.7	60.5	69.5	67.1	85.8	82.8	93.3	90.7	125.8
<b>Saint John</b>										
Total containers	51.0	76.3	89.6	97.5	90.3	57.4	59.1	68.9	79.1	86.9
Empty containers	24.8	34.8	41.9	46.7	42.2	25.0	24.7	30.3	29.7	30.5
<b>Total</b>										
Total containers	<b>5,109.9</b>	<b>5,226.5</b>	<b>5,430.2</b>	<b>5,716.5</b>	<b>5,684.9</b>	<b>6,333.0</b>	<b>6,718.3</b>	<b>6,970.5</b>	<b>6,802.5</b>	<b>7,144.6</b>
Empty containers	<b>716.5</b>	<b>625.9</b>	<b>741.3</b>	<b>849.8</b>	<b>745.1</b>	<b>1,006.0</b>	<b>1,138.0</b>	<b>1,256.4</b>	<b>1,269.8</b>	<b>1,697.5</b>

Note: P = Preliminary data. R = Revised 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, 2021**

(Millions of dollars)

<i>Canada/U.S.</i>				<i>Percentage Share in Per Cent</i>		
	<i>Marine Exports<sup>1</sup></i>	<i>Marine Imports</i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
Petroleum products, LNG and other fuels	16,661	11,483	28,143	72.6	79.8	75.4
Base metals and articles thereof	3,214	18	3,232	14.0	0.1	8.7
Metallic ores	469	1,407	1,876	2.0	9.8	5.0
Non-metallic minerals, coal and stone products	795	654	1,449	3.5	4.5	3.9
Agricultural and food products	793	186	979	3.5	1.3	2.6
Chemical products, plastics and rubber	153	261	414	0.7	1.8	1.1
Waste and scrap material	399	6	405	1.7	0.0	1.1
Machinery and electrical equipment	233	88	322	1.0	0.6	0.9
Automobiles, parts and other transportation equipment	28	216	245	0.1	1.5	0.7
Wood and paper products	110	23	133	0.5	0.2	0.4
Other manufactured and miscellaneous goods	84	40	124	0.4	0.3	0.3
<b>Total Canada/U.S. Marine Trade</b>	<b>22,939</b>	<b>14,383</b>	<b>37,322</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<i>Canada/Other Countries</i>				<i>Percentage Share in Per Cent</i>		
	<i>Marine Exports<sup>1</sup></i>	<i>Marine Imports<sup>2</sup></i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
Agricultural and food products	33,580	15,719	49,299	33.5	11.0	20.3
Other manufactured and miscellaneous goods	1,921	27,663	29,584	1.9	19.3	12.2
Machinery and electrical equipment	3,795	25,776	29,570	3.8	18.0	12.2
Chemical products, plastics and rubber	8,435	21,093	29,528	8.4	14.7	12.1
Base metals and articles thereof	5,906	18,607	24,514	5.9	13.0	10.1
Automobiles, parts and other transportation equipment	3,875	16,415	20,290	3.9	11.5	8.3
Metallic ores	15,374	1,507	16,881	15.3	1.1	6.9
Petroleum products, LNG and other fuels	5,744	9,684	15,428	5.7	6.8	6.3
Wood and paper products	9,891	3,042	12,933	9.9	2.1	5.3
Non-metallic minerals, coal and stone products	8,156	3,183	11,339	8.1	2.2	4.7
Waste and scrap material	3,488	399	3,887	3.5	0.3	1.6
<b>Total Canada/Other Countries Marine Trade</b>	<b>100,166</b>	<b>143,086</b>	<b>243,253</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Notes: Preliminary data for 2021.

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, 2012–2021**

<i>Month</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>	<i>2020</i>	<i>2021</i>	<i>Change 2021/2020 (Per cent)</i>
January	25.2	23.3	27.1	27.7	25.3	26.3	28.9	28.5	25.8	34.1	32.1
February	24.2	25.5	29.1	29.3	24.7	27.0	29.1	32.7	32.7	35.3	8.0
March	22.5	25.4	27.4	29.7	24.2	24.5	30.3	29.2	27.9	34.0	21.9
April	23.9	24.4	27.5	25.6	22.9	24.1	24.8	24.1	25.9	34.7	34.1
May	23.2	23.7	24.4	24.8	23.1	24.3	25.4	24.0	25.9	33.9	31.0
June	24.9	23.5	24.0	24.8	23.8	24.4	25.5	24.2	25.9	32.4	25.1
July	23.8	23.4	25.4	23.0	23.9	24.4	26.6	24.5	27.9	36.0	29.1
August	23.1	24.4	27.9	23.5	24.3	24.9	27.0	24.7	32.5	34.3	5.5
September	22.8	24.6	26.9	23.8	22.9	25.5	26.9	24.0	31.9	29.8	-6.6
October	23.4	24.6	25.5	24.4	23.2	25.8	28.4	24.1	32.9	32.1	-2.4
November	23.7	23.9	24.9	23.3	24.3	25.4	28.0	26.0	33.0	34.0	3.1
December	23.7	25.2	26.8	24.7	26.8	27.1	28.4	25.1	34.0	43.6	28.1
<b>Annual Average</b>	<b>23.7</b>	<b>24.3</b>	<b>26.4</b>	<b>25.4</b>	<b>24.1</b>	<b>25.3</b>	<b>27.4</b>	<b>25.9</b>	<b>29.7</b>	<b>34.5</b>	<b>16.2</b>

*Source: Transport Canada; Canada Port Authorities; Class 1 Railways*

**Table M21: Key Performance Indicators for Selected Intermodal Container Ports, 2019–2021****British Columbia Ports<sup>1</sup>**

<i>Indicators</i>	<i>2021</i>	<i>2020</i>	<i>2019</i>	<i>2018-20 Average</i>
Container volumes - TEUs	4,733,788	4,608,911	4,609,642	4,550,346
Import Share - %	52.2	54.2	52.5	53.2
Import rail container dwell time - days	3.9	3.8	3.0	3.6
Vessel on-time performance - %	22.0	39.5	51	43.2
End-to-end transit time – Shanghai to Chicago - days	33.8	27.9	25.4	26.8
U.S. comparison – Shanghai to Chicago via Seattle/Tacoma - days	48.2	29.2	28.1	28.3
U.S. comparison – Shanghai to Chicago via LA/Long Beach - days	42.8	27	26.4	26.4

**Canadian East Coast Ports<sup>2</sup>**

<i>Indicators</i>	<i>2021</i>	<i>2020</i>	<i>2019</i>	<i>2018-20 Average</i>
Container volumes - TEUs	2,323,864	2,114,473	2,288,935	2,210,068
Import Share - %	49.1	50.4	49.4	50.0
Import rail container dwell time - days	4.4	4.3	2.8	3.4
End-to-end transit time – Antwerp to Chicago - days	22.3	22.1	19.0	20.4

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

**Table RA1: Railways in Canada, 2020**

	<i>2020 Total Length of First Main Track Operated</i>	<i>2019 Total Length of First Main Track Operated</i>	<i>Percent of Total 2020</i>	<i>Percentage Change Over Previous YearR</i>
CN	21,904	21,878	48.8	0.1
CPR	13,063	13,094	29.1	(0.2)
VIA Rail	285	285	0.6	0.0
Regional and Shortline Railways	9,665	7,809	21.5	23.8
<b>Total</b>	<b>44,917</b>	<b>43,065</b>	<b>100.0</b>	<b>4.3</b>

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, 2011–2020**

(Millions of dollars)

	2011	2012	2013	2014	2015	2016	2017	2018	2019 <sup>R</sup>	2020
CN	6,202	6,821	7,179	8,135	8,292	7,980	8,800	9,604	10,173	9,551
CPR	3,930	4,279	4,525	4,809	4,798	4,609	4,800	5,367	5,837	6,058
VIA	532	545	568	585	568	580	627	654	680	502
<b>Subtotal - Class I</b>	<b>10,664</b>	<b>11,645</b>	<b>12,271</b>	<b>13,530</b>	<b>13,658</b>	<b>13,169</b>	<b>14,228</b>	<b>15,625</b>	<b>16,690</b>	<b>16,111</b>
Regional	354	355	385	379	327	257	249	291	330	344
Shortlines	362	348	373	449	441	406	414	421	485	466
<b>Total</b>	<b>11,380</b>	<b>12,348</b>	<b>13,029</b>	<b>14,357</b>	<b>14,426</b>	<b>13,832</b>	<b>14,891</b>	<b>16,337</b>	<b>17,505</b>	<b>16,921</b>

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

Revenues are tabulated as per Uniform Classification of Accounts requirements.

Excludes Tour operations

Sources: *Transport Canada, Statistics Canada*

**Table RA3: Railway Fleet, 2011–2020**

	2011 <sup>R</sup>	2012 <sup>R</sup>	2013 <sup>R</sup>	2014 <sup>R</sup>	2015 <sup>R</sup>	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>	2020
<b>Locomotives</b>										
<i>Freight or Passenger</i>										
Class I	1,958	2,367	2,434	2,421	2,394	2,366	2,280	2,419	2,399	2,210
Class II	473	484	505	561	610	576	534	539	538	530
<b>Total</b>	<b>2,431</b>	<b>2,851</b>	<b>2,939</b>	<b>2,982</b>	<b>3,004</b>	<b>2,942</b>	<b>2,814</b>	<b>2,958</b>	<b>2,937</b>	<b>2,740</b>
<i>Switching and other uses</i>										
Class I	814	462	390	364	359	473	341	363	293	285
Class II	74	68	75	65	71	85	84	87	89	90
<b>Total</b>	<b>888</b>	<b>530</b>	<b>465</b>	<b>429</b>	<b>430</b>	<b>558</b>	<b>425</b>	<b>450</b>	<b>382</b>	<b>375</b>
<i>Total Locomotives</i>										
Class I	2,772	2,829	2,824	2,785	2,753	2,839	2,621	2,782	2,692	2,495
Class II	547	552	580	626	681	661	618	626	627	620
<b>Total</b>	<b>3,319</b>	<b>3,381</b>	<b>3,404</b>	<b>3,411</b>	<b>3,434</b>	<b>3,500</b>	<b>3,239</b>	<b>3,408</b>	<b>3,319</b>	<b>3,115</b>
<b>Passenger Cars</b>										
Class I	506	507	519	519	519	487	480	480	451	423
Class II	148	142	137	139	158	154	153	164	164	165
<b>Total</b>	<b>654</b>	<b>649</b>	<b>656</b>	<b>658</b>	<b>677</b>	<b>641</b>	<b>633</b>	<b>644</b>	<b>615</b>	<b>588</b>
<b>Freight Cars</b>										
<i>Boxcars</i>										
Class I	13,177	12,861	10,947	10,641	9,822	8,349	8,575	7,488	7,895	7,361
Class II	3,252	3,236	2,896	3,755	4,048	3,834	3,957	4,026	3,984	3,950
<b>Total</b>	<b>16,429</b>	<b>16,097</b>	<b>13,843</b>	<b>14,396</b>	<b>13,870</b>	<b>12,183</b>	<b>12,532</b>	<b>11,514</b>	<b>11,879</b>	<b>11,311</b>
<i>Flatcars</i>										
Class I	13,142	12,770	12,143	12,091	12,191	12,447	14,230	15,097	15,315	20,953
Class II	1,041	1,040	832	980	902	815	825	868	853	921
<b>Total</b>	<b>14,183</b>	<b>13,810</b>	<b>12,975</b>	<b>13,071</b>	<b>13,093</b>	<b>13,262</b>	<b>15,055</b>	<b>15,965</b>	<b>16,168</b>	<b>21,874</b>
<i>Gondolas</i>										
Class I	10,934	10,378	8,687	8,584	7,796	8,365	8,984	9,698	9,518	9,205
Class II	462	461	404	369	403	401	426	425	427	345
<b>Total</b>	<b>11,396</b>	<b>10,839</b>	<b>9,091</b>	<b>8,953</b>	<b>8,199</b>	<b>8,766</b>	<b>9,410</b>	<b>10,123</b>	<b>9,945</b>	<b>9,550</b>
<i>Hopper Cars</i>										
Class I	27,781	25,002	21,447	20,204	19,155	18,140	15,294	19,523	20,645	26,640
Class II	1,212	1,212	1,212	1,212	1,212	1,255	1,261	1,261	1,261	1,632
<b>Total</b>	<b>28,993</b>	<b>26,214</b>	<b>22,659</b>	<b>21,416</b>	<b>20,367</b>	<b>19,395</b>	<b>16,555</b>	<b>20,784</b>	<b>21,906</b>	<b>28,272</b>
<i>Other Freight Cars</i>										
Class I	99	93	78	73	113	113	676	590	597	504
Class II	1,803	1,800	1,806	1,805	1,811	1,837	1,832	1,909	1,917	1,917
<b>Total</b>	<b>1,902</b>	<b>1,893</b>	<b>1,884</b>	<b>1,878</b>	<b>1,924</b>	<b>1,950</b>	<b>2,508</b>	<b>2,499</b>	<b>2,514</b>	<b>2,421</b>
<b>Total Freight Cars</b>										
Class I	65,133	61,104	53,302	51,593	49,077	47,414	47,759	52,396	53,970	64,663
Class II	7,770	7,749	7,150	8,121	8,376	8,142	8,301	8,489	8,442	8,765
<b>Total</b>	<b>72,903</b>	<b>68,853</b>	<b>60,452</b>	<b>59,714</b>	<b>57,453</b>	<b>55,556</b>	<b>56,060</b>	<b>60,885</b>	<b>62,412</b>	<b>73,428</b>

Notes: R = Revised data.

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

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

Table RA4: Average Monthly Train Velocity, by Rail Carrier, 2021

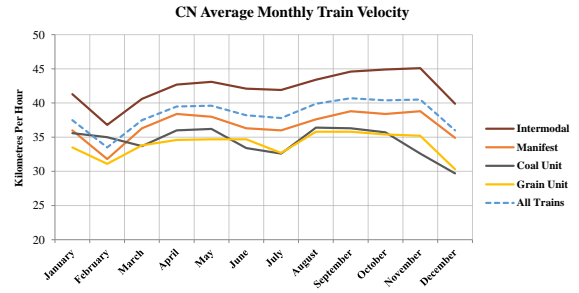
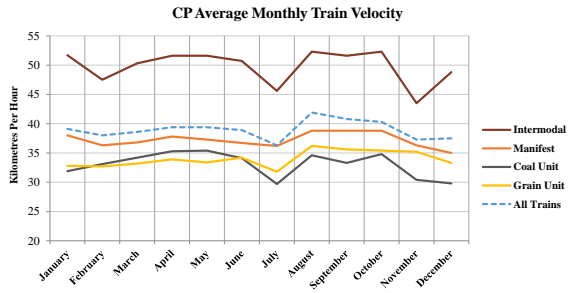
Average Train Speed (Kilometres per Hour)

**CP**

	January	February	March	April	May	June	July	August	September	October	November	December
Intermodal	51.7	47.5	50.3	51.6	51.6	50.7	45.6	52.3	51.6	52.3	43.5	48.8
Manifest	38.0	36.3	36.8	37.8	37.3	36.7	36.2	38.8	38.8	38.8	36.3	35.0
Coal Unit	31.9	33.1	34.2	35.3	35.4	34.1	29.7	34.6	33.3	34.8	30.4	29.8
Grain Unit	32.8	32.7	33.2	33.9	33.4	34.2	31.8	36.2	35.6	35.4	35.2	33.3
<b>All Trains</b>	<b>39.1</b>	<b>38.0</b>	<b>38.6</b>	<b>39.4</b>	<b>39.4</b>	<b>38.9</b>	<b>36.3</b>	<b>41.9</b>	<b>40.8</b>	<b>40.3</b>	<b>37.3</b>	<b>37.5</b>

**CN**

	January	February	March	April	May	June	July	August	September	October	November	December
Intermodal	41.3	36.8	40.6	42.7	43.1	42.1	41.9	43.4	44.6	44.9	45.1	39.9
Manifest	36.0	31.8	36.3	38.4	38.0	36.3	36.0	37.6	38.8	38.4	38.8	34.9
Coal Unit	35.6	35.0	33.7	36.0	36.2	33.4	32.6	36.4	36.3	35.7	32.6	29.7
Grain Unit	33.5	31.1	33.8	34.6	34.7	34.7	32.7	35.8	35.8	35.4	35.2	30.3
<b>All Trains</b>	<b>37.5</b>	<b>33.5</b>	<b>37.5</b>	<b>39.5</b>	<b>39.6</b>	<b>38.2</b>	<b>37.8</b>	<b>39.9</b>	<b>40.7</b>	<b>40.4</b>	<b>40.5</b>	<b>36.0</b>



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, 2011–2020**

	(Millions)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019 <sup>R</sup>	2020
Class I	337,929.5	356,943.0	371,799.0	402,612.9	399,353.2	383,505.4	411,250.6	433,484.7	432,416.3	425,229.3
Regional	10,392.4	10,617.4	11,192.4	9,552.9	8,964.5	9,131.2	9,513.9	9,857.1	12,961.4	13,557.9
Short Line	3,668.1	3,349.8	3,459.7	3,536.0	2,814.9	2,768.3	2,959.5	3,796.3	3,989.8	3,852.5
<b>Total</b>	<b>351,989.9</b>	<b>370,910.2</b>	<b>386,451.1</b>	<b>415,701.8</b>	<b>411,132.5</b>	<b>395,404.9</b>	<b>423,723.9</b>	<b>447,138.2</b>	<b>449,367.5</b>	<b>442,639.7</b>
	Percentage of total									
Class I	96.0	96.2	96.2	96.9	97.1	97.0	97.1	96.9	96.2	96.1
Regional	3.0	2.9	2.9	2.3	2.2	2.3	2.2	2.2	2.9	3.1
Short Line	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.8	0.9	0.9

Note: R = Revised data.

Sources: Transport Canada, Statistics Canada

**Table RA6: Overall Rail Traffic Characteristics, 2012–2021**

	(Thousands of tonnes)									
	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
Intraprovincial	56,322	56,587	53,511	52,972	49,792	52,663	52,194	51,658	46,842	52,040
Interprovincial	126,078	120,363	128,376	132,397	130,724	133,613	136,274	143,559	152,383	141,808
<b>Total Domestic</b>	<b>182,400</b>	<b>176,950</b>	<b>181,887</b>	<b>185,368</b>	<b>180,516</b>	<b>186,276</b>	<b>188,467</b>	<b>195,217</b>	<b>199,225</b>	<b>193,848</b>
Imports	37,959	40,464	40,902	35,781	31,500	39,517	43,559	39,920	36,497	41,773
Exports	65,258	73,588	75,741	74,903	72,566	79,024	90,260	89,467	79,518	80,969
Transshipments	8,178	9,389	10,624	8,856	8,341	6,885	6,259	5,641	6,528	6,834
Canada-U.S.	63,940	72,387	74,597	73,558	70,962	77,382	88,297	87,471	78,171	79,318
Canada-Mexico	1,318	1,201	1,144	1,345	1,604	1,642	1,963	1,996	1,347	1,652
Mexico-Canada	403	407	507	442	466	743	664	555	449	540
Mexico-U.S.	8	8	6	0	0	0	0	2	1	0
U.S.-Canada	37,556	40,057	40,396	35,339	31,034	38,774	42,895	39,365	36,048	41,233
U.S.-Mexico	10	11	13	11	5	3	3	3	3	8
U.S.-U.S.	8,160	9,369	10,604	8,845	8,336	6,881	6,256	5,636	6,525	6,826
<b>Total International</b>	<b>111,395</b>	<b>123,440</b>	<b>127,266</b>	<b>119,540</b>	<b>112,406</b>	<b>125,425</b>	<b>140,078</b>	<b>135,029</b>	<b>122,542</b>	<b>129,576</b>
	(Millions of tonnes-km)									
	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
Intraprovincial	47,191	48,403	44,694	43,365	42,469	45,531	45,597	43,885	39,838	38,337
Interprovincial	209,431	210,214	232,708	239,415	233,691	244,379	253,347	258,513	274,361	261,811
<b>Total Domestic</b>	<b>256,622</b>	<b>258,617</b>	<b>277,402</b>	<b>282,780</b>	<b>276,159</b>	<b>289,910</b>	<b>298,944</b>	<b>302,398</b>	<b>314,200</b>	<b>300,147</b>
Imports	30,704	33,683	34,683	29,259	27,106	31,277	34,747	32,802	30,323	33,969
Exports	72,158	82,923	87,694	88,523	83,386	91,023	105,413	105,338	92,695	90,238
Transshipments	8,812	11,042	14,290	12,424	10,155	7,933	6,439	5,538	6,811	7,514
Canada-U.S.	71,120	81,949	86,739	87,401	81,967	89,451	103,343	103,227	91,335	88,704
Canada-Mexico	1,038	973	955	1,122	1,419	1,572	2,070	2,112	1,360	1,534
Mexico-Canada	398	395	528	407	446	759	660	495	407	488
Mexico-U.S.	11	11	3	0	0	0	0	2	1	0
U.S.-Canada	30,307	33,288	34,154	28,852	26,661	30,519	34,087	32,307	29,917	33,481
U.S.-Mexico	9	10	12	11	4	3	3	3	2	9
U.S.-U.S.	8,793	11,022	14,276	12,413	10,150	7,929	6,436	5,534	6,808	7,504
<b>Total International</b>	<b>111,674</b>	<b>127,649</b>	<b>136,667</b>	<b>130,205</b>	<b>120,647</b>	<b>130,233</b>	<b>146,599</b>	<b>143,678</b>	<b>129,829</b>	<b>131,720</b>

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

Source: Transport Canada; Rail Traffic Database

**Table RA7: Traffic Received and Forwarded by Canadian-Based Class II Carriers<sup>1</sup>, 2012–2021**

(Millions of tonnes)

<i>Year</i>	<i>Received only</i>	<i>Forwarded only</i>	<i>Received and Forwarded</i>
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	7.51	11.20	0.46
2020	7.02	10.33	0.44
2021 <sup>P</sup>	7.86	10.14	0.40

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, 2012–2021

	(Thousands of tonnes)									
	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
<b>Exports (Origin: Canada)</b>										
Forest Products	13,317	14,498	15,034	15,396	16,201	15,479	15,958	14,783	14,038	14,521
Chemicals	10,237	11,635	11,870	11,165	11,391	11,036	11,853	11,625	11,408	11,798
Potash	7,408	8,380	8,675	8,282	7,943	10,158	11,165	9,449	10,082	10,668
Petroleum Products (excl. crude oil)	6,171	6,108	5,539	6,157	6,482	7,797	8,883	10,068	8,138	9,679
Crude Oil	1,486	4,754	6,962	5,935	4,143	6,744	12,573	14,991	8,250	7,021
Intermodal	5,409	5,634	6,213	6,918	6,596	7,433	8,185	8,345	8,359	6,981
Agricultural and Food Products	5,239	5,516	5,921	6,025	5,915	6,146	6,109	6,154	6,053	6,330
Metals	3,450	3,494	3,422	3,887	3,568	3,550	3,832	3,494	3,342	4,051
Minerals	1,839	1,921	2,032	2,170	2,364	2,328	2,696	2,961	2,467	2,574
Miscellaneous	1,729	2,030	1,914	1,686	1,754	1,862	2,057	1,818	2,104	2,291
Fertilizer Materials	2,273	2,293	1,810	1,809	1,391	1,332	1,478	1,419	1,572	1,691
Grains	3,556	4,380	3,599	2,519	1,943	2,638	3,082	2,031	1,960	1,480
Automotive Vehicles and Equipment	2,472	2,268	2,195	2,426	2,355	2,079	1,997	1,942	1,532	1,420
Coal	657	598	475	526	520	442	393	387	212	464
Iron Ore	14	80	79	1	0	0	0	0	0	0
<b>Total</b>	<b>65,258</b>	<b>73,588</b>	<b>75,741</b>	<b>74,903</b>	<b>72,566</b>	<b>79,024</b>	<b>90,260</b>	<b>89,467</b>	<b>79,518</b>	<b>80,969</b>
<b>Imports (Destination: Canada)</b>										
Coal	11,173	11,651	10,227	8,570	5,568	10,370	12,411	10,132	9,263	11,638
Minerals	4,012	4,944	5,882	5,541	4,745	6,942	7,341	6,774	5,740	6,905
Chemicals	5,672	5,855	5,851	5,621	5,305	5,858	6,140	6,151	6,327	6,674
Intermodal	4,061	4,761	4,482	4,171	4,289	4,011	4,807	4,652	4,446	4,019
Petroleum Products (excl. crude oil)	3,960	4,213	3,871	3,419	3,725	3,192	3,437	3,332	2,960	2,562
Agricultural and Food Products	2,682	2,268	2,281	2,174	2,108	2,191	2,488	2,126	2,033	2,518
Grains	187	130	314	298	160	403	961	1,094	860	1,818
Iron Ore	106	28	10	646	1,356	1,534	1,528	1,429	1,365	1,563
Automotive Vehicles and Equipment	1,477	1,619	1,866	1,918	1,955	2,123	1,906	1,948	1,421	1,523
Metals	2,357	2,436	2,242	1,290	1,034	1,354	991	718	752	1,063
Forest Products	1,204	1,131	1,070	991	872	1,028	947	935	887	911
Miscellaneous	771	792	707	537	377	485	580	608	417	563
Fertilizer Materials	1	2	0	1	4	14	17	16	16	12
Crude Oil	249	622	2,087	598	2	4	3	5	8	3
Potash	48	11	11	3	1	5	1	1	1	1
<b>Total</b>	<b>37,959</b>	<b>40,464</b>	<b>40,902</b>	<b>35,781</b>	<b>31,500</b>	<b>39,517</b>	<b>43,559</b>	<b>39,920</b>	<b>36,497</b>	<b>41,773</b>
<b>Domestic (Canada-Canada)</b>										
Coal	36,631	37,818	36,557	31,913	31,704	33,469	33,752	36,041	33,571	37,125
Grains	30,120	27,136	35,630	34,562	32,434	34,296	34,968	36,415	43,544	35,395
Intermodal	34,167	28,857	26,695	28,550	26,308	28,740	29,606	29,220	29,622	30,451
Iron Ore	13,973	15,314	14,546	17,893	18,586	17,191	14,948	18,448	17,643	19,228
Petroleum Products (excl. crude oil)	11,484	9,790	10,201	10,399	11,445	12,658	13,650	14,428	13,542	14,911
Potash	6,774	8,165	8,801	10,233	9,669	9,928	11,635	11,272	12,400	12,443
Forest Products	14,048	13,363	11,391	12,476	13,327	12,809	12,180	10,884	10,222	9,520
Agricultural and Food Products	6,786	7,794	7,891	9,007	10,310	10,166	10,769	11,107	12,704	9,491
Minerals	10,619	10,147	9,775	10,005	9,573	9,845	9,987	10,454	9,496	9,363
Chemicals	7,857	8,168	7,797	7,982	8,073	8,236	8,508	8,368	8,270	7,663
Metals	3,061	3,126	3,521	3,325	2,971	3,057	3,214	3,150	3,004	3,088
Fertilizer Materials	3,090	2,834	2,546	2,843	2,725	2,689	2,612	2,494	2,775	2,373
Miscellaneous	1,245	1,076	1,144	1,184	1,167	1,396	1,380	1,452	1,263	1,591
Automotive Vehicles and Equipment	1,209	1,108	1,008	1,106	1,067	1,126	1,105	1,083	912	860
Crude Oil	1,335	2,256	4,384	3,891	1,156	668	155	402	257	347
<b>Total</b>	<b>182,400</b>	<b>176,950</b>	<b>181,887</b>	<b>185,368</b>	<b>180,516</b>	<b>186,276</b>	<b>188,467</b>	<b>195,217</b>	<b>199,225</b>	<b>193,848</b>
<b>Total Traffic (Export, Import, Domestic, &amp; Transshipments)</b>										
Coal	48,461	50,067	47,260	41,011	37,795	44,283	46,556	46,561	43,046	49,227
Intermodal	43,639	39,253	37,392	39,639	37,193	40,184	42,598	42,217	42,441	41,473
Grains	35,624	33,263	42,169	39,632	37,189	39,663	41,477	40,640	47,924	41,189
Petroleum Products (excl. crude oil)	21,765	20,246	19,750	20,095	21,805	23,779	26,218	28,324	25,238	27,318
Chemicals	24,132	25,974	25,833	25,024	25,021	25,358	26,732	26,370	26,212	26,348
Forest Products	29,149	29,561	28,159	29,433	30,916	29,806	29,693	27,097	25,548	25,406
Potash	14,243	16,558	17,488	18,518	17,613	20,091	22,801	20,722	22,483	23,112
Agricultural and Food Products	18,365	18,958	19,422	20,439	22,100	21,674	21,389	22,107	23,922	21,249
Iron Ore	14,092	15,421	14,635	18,541	19,942	18,725	16,476	19,876	19,008	20,791
Minerals	16,712	17,303	18,082	17,901	16,817	19,262	20,602	20,664	18,271	19,369
Metals	8,953	9,126	9,230	8,585	7,619	7,993	8,122	7,474	7,124	8,228
Crude Oil	4,344	10,619	16,516	12,554	6,086	7,749	12,730	15,398	8,515	7,372
Miscellaneous	3,786	3,914	3,788	3,430	3,328	3,767	4,036	3,895	3,804	4,468
Fertilizer Materials	5,365	5,129	4,356	4,653	4,120	4,035	4,107	3,929	4,364	4,075
Automotive Vehicles and Equipment	5,167	4,997	5,072	5,452	5,378	5,331	5,010	4,977	3,870	3,808
<b>Total</b>	<b>293,795</b>	<b>300,390</b>	<b>309,153</b>	<b>304,908</b>	<b>292,922</b>	<b>311,702</b>	<b>328,548</b>	<b>330,250</b>	<b>321,770</b>	<b>323,432</b>

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, 2012–2021**

(Millions of dollars)

<b>Exports</b>	2012	2013	2014	2015	2016	2017	2018	2019 <sup>R</sup>	2020 <sup>R</sup>	2021 <sup>P</sup>
Automotive products	32,152	30,144	29,800	35,948	38,128	34,911	33,991	35,043	26,762	22,498
Forest products	7,994	9,519	10,375	10,712	11,145	11,440	12,262	9,834	11,343	17,779
Chemical products	9,600	10,738	11,529	11,203	10,487	10,319	11,666	10,471	9,464	13,618
Metals	7,793	8,242	9,070	9,106	8,006	9,843	10,980	9,012	8,533	12,841
Petroleum products	4,919	7,398	9,149	5,574	4,134	6,896	11,766	12,381	7,105	10,416
Agriculture and food	3,435	3,474	3,724	3,810	4,037	4,148	4,113	4,138	4,179	6,016
Fertilizer materials	3,259	3,185	2,709	3,489	2,380	2,737	3,124	3,138	2,906	3,831
Miscellaneous	1,928	2,157	1,891	1,868	1,915	1,944	1,990	2,004	1,446	1,680
Grains	1,780	2,062	1,904	1,655	1,338	1,643	1,854	1,361	1,353	1,315
Other mine products	111	120	143	186	210	242	284	327	254	274
Coal	145	102	81	89	61	147	117	112	47	111
Iron ore		0		0						
<b>Totals</b>	<b>73,115</b>	<b>77,142</b>	<b>80,376</b>	<b>83,640</b>	<b>81,841</b>	<b>84,270</b>	<b>92,147</b>	<b>87,820</b>	<b>73,393</b>	<b>90,379</b>
<b>Imports</b>										
Automotive products	14,890	15,118	18,160	20,684	26,848	31,088	29,261	31,379	23,465	26,015
Chemical products	8,114	8,532	9,040	8,321	7,661	8,419	8,952	8,440	7,533	10,188
Agriculture and food	2,972	2,752	3,015	2,917	2,733	2,664	2,832	2,620	2,828	3,513
Miscellaneous	4,206	4,669	5,260	4,816	3,841	3,704	3,637	4,467	3,233	3,134
Metals	3,423	3,406	3,457	2,418	1,728	2,184	2,249	1,748	1,283	2,214
Petroleum products	3,276	3,631	4,381	1,937	1,195	1,104	1,551	1,353	1,127	1,584
Forest products	1,269	1,321	1,310	1,440	1,317	1,411	1,482	1,546	1,359	1,325
Other mine products	694	478	637	799	660	880	768	667	1,048	1,226
Grains	293	250	290	274	244	214	371	375	396	808
Iron ore	224	230	210	154	137	149	122	153	152	256
Fertilizer materials	41	86	25	45	36	31	28	31	29	33
Coal	34	20	36	26	36	34	31	9	4	2
<b>Totals</b>	<b>39,436</b>	<b>40,494</b>	<b>45,821</b>	<b>43,830</b>	<b>46,436</b>	<b>51,881</b>	<b>51,285</b>	<b>52,788</b>	<b>42,458</b>	<b>50,297</b>

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

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

**Table RA10: Dangerous Goods Shipments on Rail, 2011–2021**

<b>Petroleum Products</b>	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020R	2021P
Crude Oil <sup>1</sup>	375	4,344	10,620	16,517	12,554	6,087	7,750	12,734	15,401	8,517	7,375
Ethanol or Ethanol Mix <sup>2</sup>	5,055	6,170	6,781	6,704	5,781	5,814	6,076	6,672	7,072	6,307	6,829
All Other Petroleum Products <sup>3,4</sup>	17,119	18,466	17,281	17,296	17,754	19,434	21,394	23,490	24,961	22,321	24,415
<b>Dangerous Goods</b>											
Minerals, Ores & Concentrates	2,770	2,486	2,478	2,013	2,226	1,845	1,776	2,237	2,086	2,491	2,554
Other Manufactured & Miscellaneous Goods	816	861	960	876	775	707	737	745	754	683	652
Petroleum Products <sup>5</sup>	14,700	20,360	25,096	30,372	26,965	22,036	25,491	32,389	37,504	28,439	29,105
Plastic & Chemical Products <sup>5</sup>	11,448	11,638	12,927	13,230	12,261	11,786	12,048	12,925	12,485	11,557	12,046
Waste & Scrap	216	241	260	249	209	217	298	323	357	296	302
Other Commodities <sup>5</sup>	1,887	1,814	1,785	1,637	1,669	1,862	1,770	1,475	1,428	1,345	1,422
<b>Total</b>	<b>31,837</b>	<b>37,401</b>	<b>43,506</b>	<b>48,378</b>	<b>44,105</b>	<b>38,452</b>	<b>42,120</b>	<b>50,094</b>	<b>54,613</b>	<b>44,811</b>	<b>46,079</b>
<b>All Goods</b>											
All Dangerous Goods	31,837	37,401	43,506	48,378	44,105	38,452	42,120	50,094	54,613	44,811	46,079
Non-Dangerous Goods	249,812	256,394	256,884	260,775	260,803	254,470	269,582	278,454	275,637	276,959	277,353
<b>Grand Total</b>	<b>281,648</b>	<b>293,795</b>	<b>300,390</b>	<b>309,153</b>	<b>304,908</b>	<b>292,922</b>	<b>311,702</b>	<b>328,548</b>	<b>330,250</b>	<b>321,770</b>	<b>323,432</b>
<b>Dangerous Goods Share of Grand Total (%)</b>	<b>11.3</b>	<b>12.7</b>	<b>14.5</b>	<b>15.6</b>	<b>14.5</b>	<b>13.1</b>	<b>13.5</b>	<b>15.2</b>	<b>16.5</b>	<b>13.9</b>	<b>14.2</b>
<b>Petroleum Products</b>	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020R	2021P
Crude Oil <sup>1</sup>	4,750	53,469	127,705	193,358	146,633	72,064	91,589	147,351	180,870	101,577	87,457
Ethanol or Ethanol Mix <sup>2</sup>	64,182	77,819	84,184	83,083	72,173	72,283	75,120	82,087	87,622	78,280	83,761
All Other Petroleum Products <sup>3,4</sup>	229,428	248,155	236,101	237,859	246,772	271,726	298,472	326,338	348,731	312,851	346,330
<b>Dangerous Goods</b>											
Minerals, Ores & Concentrates	30,920	27,955	27,829	22,386	24,914	20,806	20,286	25,104	23,219	27,476	28,515
Other Manufactured & Miscellaneous Goods	24,320	26,409	29,159	27,570	24,572	22,981	23,424	23,758	23,337	21,820	20,748
Petroleum Products <sup>5</sup>	198,405	270,673	326,528	386,408	349,193	297,632	344,282	426,016	494,043	384,488	400,787
Plastic & Chemical Products <sup>5</sup>	143,249	144,951	159,767	162,873	152,894	147,868	152,011	161,341	156,232	145,491	152,095
Waste & Scrap	3,285	3,585	4,186	3,958	3,041	3,283	4,433	4,678	5,435	4,324	4,417
Other Commodities <sup>5</sup>	23,075	23,194	23,003	21,918	21,926	23,268	22,188	18,954	18,343	17,866	18,427
<b>Total</b>	<b>423,253</b>	<b>496,766</b>	<b>570,471</b>	<b>625,113</b>	<b>576,539</b>	<b>515,837</b>	<b>566,624</b>	<b>659,851</b>	<b>720,609</b>	<b>601,463</b>	<b>624,990</b>
<b>All Goods</b>											
All Dangerous Goods	423,253	496,766	570,471	625,113	576,539	515,837	566,624	659,851	720,609	601,463	624,990
Non-Dangerous Goods	3,694,491	3,841,143	3,899,994	4,023,134	4,100,971	4,043,632	4,351,110	4,460,245	4,438,664	4,353,218	4,342,970
<b>Grand Total</b>	<b>4,117,744</b>	<b>4,337,909</b>	<b>4,470,466</b>	<b>4,648,247</b>	<b>4,677,510</b>	<b>4,559,469</b>	<b>4,917,734</b>	<b>5,120,096</b>	<b>5,159,272</b>	<b>4,954,681</b>	<b>4,967,959</b>
<b>Dangerous Goods Share of Grand Total (%)</b>	<b>10.3</b>	<b>11.5</b>	<b>12.8</b>	<b>13.4</b>	<b>12.3</b>	<b>11.3</b>	<b>11.5</b>	<b>12.9</b>	<b>14.0</b>	<b>12.1</b>	<b>12.6</b>

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, 2012–2021**

(Thousands of tonnes)										
<b>Exports</b>										
<i>Province/Territory of Origin</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
Alberta	14,263	16,892	19,515	20,653	19,999	23,289	30,153	32,681	25,292	25,081
Saskatchewan	16,206	19,595	19,771	16,909	14,479	16,873	19,929	17,925	17,327	18,880
Ontario	11,212	11,543	11,178	11,623	12,150	12,059	12,474	12,316	11,574	12,031
British Columbia	10,028	10,315	10,626	11,620	12,117	12,245	13,281	12,440	11,818	10,858
Quebec	8,903	9,753	9,680	9,215	8,696	8,908	8,866	8,824	8,386	9,089
Manitoba	2,809	3,410	3,044	2,992	3,019	3,472	3,544	3,291	3,482	3,254
New Brunswick	1,242	1,363	1,244	1,200	1,421	1,485	1,406	1,495	1,168	1,243
Nova Scotia	596	717	683	692	684	694	608	495	472	534
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>65,258</b>	<b>73,588</b>	<b>75,741</b>	<b>74,903</b>	<b>72,566</b>	<b>79,024</b>	<b>90,260</b>	<b>89,467</b>	<b>79,518</b>	<b>80,969</b>
<b>Imports</b>										
<i>Province/Territory of Clearance</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
British Columbia	13,935	15,072	13,635	11,789	9,210	14,422	16,981	14,657	13,652	15,979
Alberta	7,034	7,112	6,996	7,291	6,360	8,024	9,265	8,254	6,762	8,758
Ontario	8,054	9,017	9,524	7,955	8,165	8,427	8,616	8,427	7,987	8,282
Quebec	5,513	5,593	7,261	5,648	4,838	4,969	5,071	5,139	4,977	4,951
Saskatchewan	1,554	1,732	1,784	1,555	1,485	2,100	2,027	2,018	1,739	2,161
Manitoba	836	858	907	846	670	763	807	661	652	808
Nova Scotia	518	498	436	415	530	575	580	561	505	528
New Brunswick	516	581	359	282	241	238	211	203	223	306
Other <sup>1</sup>	1	2	0	0	0	0	0	0	0	1
<b>Totals</b>	<b>37,959</b>	<b>40,464</b>	<b>40,902</b>	<b>35,781</b>	<b>31,500</b>	<b>39,517</b>	<b>43,559</b>	<b>39,920</b>	<b>36,497</b>	<b>41,773</b>

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

<sup>1</sup> 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, 2012–2021**

(Millions of dollars)

<b>Exports</b>										
<i>Port of Exit</i>	2012	2013	2014	2015	2016	2017	2018	2019 <sup>R</sup>	2020 <sup>R</sup>	2021 <sup>P</sup>
Sarnia	17,927	18,273	19,024	20,039	20,334	21,165	22,770	22,607	16,423	20,158
Windsor	18,170	17,935	17,554	20,670	21,474	20,137	18,949	17,999	17,716	16,565
Fort Frances	7,993	9,761	10,745	10,699	10,332	10,876	13,523	12,195	10,118	13,916
North Portal	3,538	5,197	5,647	5,201	4,316	5,401	6,720	5,530	4,880	7,021
Emerson	4,993	4,520	4,799	4,119	3,718	4,415	5,712	6,160	4,614	6,467
White Rock	2,863	3,558	3,750	3,742	4,228	4,876	5,287	4,422	4,238	6,372
Fort Erie	9,272	8,372	8,193	9,367	9,008	7,447	7,516	8,077	6,073	6,304
Kingsgate	2,187	2,542	2,765	2,681	1,858	2,327	3,050	3,332	2,749	4,382
Lacolle	1,950	2,718	3,302	3,086	2,121	2,292	2,801	2,171	1,817	2,582
Coutts	763	754	732	713	779	1,007	1,208	1,217	1,090	1,704
Other	3,459	3,512	3,864	3,322	3,674	4,327	4,611	4,112	3,676	4,909
<b>Total</b>	<b>73,115</b>	<b>77,142</b>	<b>80,376</b>	<b>83,640</b>	<b>81,841</b>	<b>84,270</b>	<b>92,147</b>	<b>87,820</b>	<b>73,393</b>	<b>90,379</b>
<b>Imports</b>										
<i>Port of Clearance</i>										
Windsor	9,665	8,236	8,884	9,397	15,262	18,660	16,010	19,136	14,446	16,122
Toronto	7,552	7,601	8,357	8,542	10,388	10,941	11,786	11,219	9,299	11,330
Sarnia	3,224	3,489	3,773	3,478	4,224	5,348	5,637	4,839	4,270	4,986
Winnipeg	2,590	2,448	2,633	2,293	2,206	2,745	2,700	2,744	2,127	2,828
Montréal	3,227	3,166	3,908	3,438	1,757	1,570	1,636	2,121	2,235	2,464
Edmonton	3,470	3,848	3,621	2,676	1,707	1,890	2,508	1,998	1,675	2,027
Fort Erie	1,025	1,465	2,067	2,813	2,948	2,832	2,796	3,010	1,748	1,789
Calgary	1,773	2,189	2,404	2,132	2,068	1,961	1,863	1,661	1,389	1,607
Hamilton	1,121	1,090	1,569	1,190	327	584	860	858	904	1,294
Vancouver	1,767	1,686	1,664	1,652	1,286	987	1,036	1,168	1,020	1,203
Other	4,023	5,277	6,941	6,218	4,263	4,363	4,454	4,034	3,345	4,648
<b>Grand Total</b>	<b>39,436</b>	<b>40,494</b>	<b>45,821</b>	<b>43,830</b>	<b>46,436</b>	<b>51,881</b>	<b>51,285</b>	<b>52,788</b>	<b>42,458</b>	<b>50,297</b>

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, 2012–2021**

(Thousands of tonnes)

	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
Exports <sup>1</sup>	111,250	112,155	118,263	114,751	115,384	119,968	124,093	127,957	135,893	126,656
Imports <sup>2</sup>	25,363	26,107	27,262	27,885	26,947	29,213	30,893	30,324	28,969	29,292
<b>Grand Total</b>	<b>136,613</b>	<b>138,262</b>	<b>145,524</b>	<b>142,637</b>	<b>142,331</b>	<b>149,181</b>	<b>154,987</b>	<b>158,281</b>	<b>164,862</b>	<b>155,948</b>

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, 2012-2021

(Thousands of tonnes)

Exports <sup>1</sup>	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>2</sup>	2021 <sup>2</sup>
<b>Commodity</b>										
Coal	40,056.0	40,215.6	37,376.8	31,800.1	31,624.2	33,411.6	33,721.3	35,924.1	33,467.6	36,902.8
Grains	27,222.5	24,926.8	33,786.2	33,169.4	31,529.6	33,405.4	33,811.6	35,261.0	42,257.3	34,336.6
Intermodal	10,538.4	11,539.3	11,557.5	11,264.8	11,863.1	12,318.2	13,138.9	12,864.5	13,022.5	11,992.9
Potash	6,484.2	7,491.4	8,444.1	9,611.8	9,049.6	9,045.3	10,845.0	10,276.6	11,341.0	11,144.5
Agricultural and Food Products	5,966.0	6,932.7	7,246.5	8,181.0	9,575.6	9,333.1	10,108.5	10,155.7	11,676.3	8,596.1
Petroleum Products (excl. crude oil)	3,009.4	3,083.3	3,061.0	2,942.7	3,966.6	5,287.9	5,000.7	6,767.9	6,898.0	7,474.0
Forest Products	8,211.6	7,950.6	6,351.2	6,902.9	7,384.7	7,217.0	6,857.1	6,302.4	6,792.2	6,228.1
Minerals	2,547.4	2,523.3	2,572.4	2,559.0	2,618.9	2,682.7	2,845.8	2,978.8	3,281.7	2,914.3
Fertilizer Materials	3,033.6	2,774.0	2,487.0	2,780.3	2,618.0	2,543.7	2,513.3	2,415.6	2,702.9	2,290.4
Chemicals	1,951.6	2,030.7	2,078.6	2,226.3	2,440.3	2,393.4	2,264.7	2,301.2	2,463.4	2,225.3
Metals	556.3	655.7	814.2	828.4	943.0	830.9	984.8	1,034.1	939.6	1,225.3
Automotive Vehicles and Equipment	490.1	485.8	570.8	612.1	664.2	778.7	961.1	866.7	558.4	561.1
Miscellaneous	279.5	233.8	231.2	183.7	167.5	210.7	321.1	272.4	261.1	381.4
Crude Oil	902.9	1,311.9	1,685.5	1,688.2	938.2	508.9	119.3	335.7	230.7	331.2
Iron Ore	-	-	-	0.7	0.1	-	-	-	-	51.8
<b>Total</b>	<b>111,249.6</b>	<b>112,154.9</b>	<b>118,262.9</b>	<b>114,751.4</b>	<b>115,383.6</b>	<b>119,967.6</b>	<b>124,093.2</b>	<b>127,956.8</b>	<b>135,892.6</b>	<b>126,656.0</b>
<b>Imports<sup>2</sup></b>										
<b>Commodity</b>										
Intermodal	14,708.3	15,042.0	16,116.1	17,017.8	16,318.6	18,424.9	19,928.0	19,999.7	19,653.1	19,569.3
Chemicals	2,396.8	3,137.8	2,876.2	2,764.9	2,652.6	2,746.8	2,765.8	2,674.7	2,489.8	2,594.7
Metals	1,521.0	1,568.1	2,014.5	1,939.2	1,771.6	1,750.1	1,610.0	1,532.1	1,771.8	1,734.2
Forest Products	1,504.5	1,560.5	1,598.0	1,560.3	1,629.8	1,612.1	1,722.6	1,606.7	1,453.6	1,449.1
Miscellaneous	455.4	586.7	485.5	467.0	595.6	637.9	702.6	667.5	831.5	942.6
Agricultural and Food Products	906.0	760.0	574.1	650.6	669.5	726.8	746.9	851.5	873.4	877.9
Petroleum Products (excl. crude oil)	632.1	812.6	616.8	747.3	872.2	945.8	900.7	1,039.2	818.2	831.5
Automotive Vehicles and Equipment	1,237.4	1,072.5	1,018.9	1,231.7	1,004.6	955.3	1,060.7	1,042.8	637.9	620.7
Minerals	708.3	779.3	1,477.3	1,344.4	1,292.8	1,290.8	1,224.0	601.2	302.1	435.7
Grains	1,211.2	655.8	393.0	114.4	78.2	32.3	114.4	103.7	75.7	180.9
Fertilizer Materials	61.5	72.2	63.3	46.6	55.7	60.7	47.7	50.2	51.6	54.5
Potash	0.1	0.7	2.3	0.4	5.8	12.3	19.8	53.6	2.4	0.9
Coal	4.1	0.5	-	0.2	-	0.0	-	0.2	7.2	-
Crude Oil	16.0	58.3	25.4	10.4	0.2	17.2	20.1	8.7	1.1	-
Iron Ore	0.4	-	-	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>25,363.0</b>	<b>26,107.1</b>	<b>27,261.5</b>	<b>27,885.2</b>	<b>26,947.4</b>	<b>29,213.0</b>	<b>30,893.5</b>	<b>30,323.8</b>	<b>28,969.4</b>	<b>29,292.1</b>

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, 2012–2021**

(Millions of tonnes)

<i>Origin-Destination</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020 <sup>R</sup>	2021 <sup>P</sup>
North America	8.5	8.9	9.4	9.3	9.2	9.6	9.7	9.5	9.9	10.1
Canada - Canada	6.2	6.5	7.0	7.1	7.2	7.5	7.6	7.6	7.9	8.0
Canada - United States	0.7	0.8	0.8	0.7	0.6	0.7	0.7	0.6	0.7	0.8
Canada - Mexico	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
United States - Canada	1.3	1.4	1.3	1.2	1.1	1.1	1.3	1.1	1.1	1.2
United States - United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexico - Canada	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Marine Exports	10.5	11.5	11.6	11.3	11.9	12.3	13.1	12.9	13.0	12.0
Marine Imports	14.7	15.0	16.1	17.0	16.3	18.4	19.9	20.0	19.7	19.6
<b>Total</b>	<b>33.5</b>	<b>35.3</b>	<b>36.9</b>	<b>37.4</b>	<b>37.2</b>	<b>40.1</b>	<b>42.7</b>	<b>42.4</b>	<b>42.6</b>	<b>41.7</b>
<i>Type of cars</i>										
COFC	33.0	34.8	36.4	37.0	37.2	40.1	42.7	42.4	42.6	41.7
TOFC	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>33.5</b>	<b>35.3</b>	<b>36.9</b>	<b>37.4</b>	<b>37.2</b>	<b>40.1</b>	<b>42.7</b>	<b>42.4</b>	<b>42.6</b>	<b>41.7</b>

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, 2012–2021**

Passengers Carried (Thousands)			
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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 <sup>R</sup>	4,740	99	4,839
2019 <sup>R</sup>	5,008	100	5,108
2020 <sup>R</sup>	1,100	48	1,148
2021 <sup>P</sup>	1,512	N/A	N/A

Passenger - Kilometres (Millions)			
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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 <sup>R</sup>	1,596.6	25.3	1,621.9
2019 <sup>R</sup>	1,698.1	25.9	1,724.0
2020 <sup>R</sup>	227.0	18.3	245.3
2021 <sup>P</sup>	528.0	N/A	N/A

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

Source: *Transport Canada*

**Table RO2: Length of Public Road Network in Canada, 2021**

	Length (thousands of two-lane equivalent kilometres)		Provinces/Territories		Percentage Distribution	
	Paved	Unpaved	Total	Share of Total (percent)	Paved	Unpaved
Newfoundland and Labrador	11.3	9.2	20.4	1.8	55.1	44.9
Nova Scotia	18.3	16.4	34.7	3.1	52.8	47.2
Prince Edward Island	4.4	1.3	5.7	0.5	76.6	23.4
New Brunswick	21.2	10.9	32.1	2.8	66.2	33.8
Quebec	96.5	59.9	156.4	13.8	61.7	38.3
Ontario	129.5	103.4	232.9	20.5	55.6	44.4
Manitoba	19.7	67.9	87.6	7.7	22.5	77.5
Saskatchewan	31.0	199.2	230.2	20.3	13.5	86.5
Alberta	64.3	166.4	230.7	20.3	27.9	72.1
British Columbia	53.3	39.0	92.3	8.1	57.7	42.3
Nunavut	0.0	0.7	0.7	0.1	4.5	95.5
Northwest Territories	1.4	4.6	6.0	0.5	22.7	77.3
Yukon	2.5	3.7	6.2	0.5	40.1	59.9
<b>Total</b>	<b>453</b>	<b>683</b>	<b>1,136</b>	<b>100.0</b>	<b>39.9</b>	<b>60.1</b>

Notes: Does not include private roads

Source: Statistics Canada National Road Network - NRN - GeoBase Series 2020

**Table RO4: Canadian International Trade Value Shipped by Trucks, by Commodity Groups, 2020–2021**

(Millions of dollars)

(Total Exports by trucks)

<i>Commodity Categories</i>	2020 <sup>R</sup>	% Share	2021 <sup>P</sup>	% Share
Agricultural and food products	34,245	16.1	40,102	16.6
Other manufactured and miscellaneous goods	36,905	17.3	39,620	16.4
Machinery and electrical equipment	37,048	17.4	39,453	16.3
Chemical products, plastics and rubber	29,527	13.9	35,177	14.6
Automobiles, parts and other transportation equipment	34,848	16.4	34,200	14.1
Base metals and articles thereof	18,448	8.7	25,648	10.6
Wood and paper products	14,882	7.0	18,437	7.6
Non-metallic minerals, coal and stone products	3,310	1.6	3,495	1.4
Waste and scrap material	2,340	1.1	3,305	1.4
Petroleum products, LNG and other fuels	1,480	0.7	2,100	0.9
Metallic ores	87	0.0	188	0.1
<b>Total Exports by Trucks</b>	<b>213,120</b>	<b>100.0</b>	<b>241,725</b>	<b>100.0</b>
Destination: United States	207,291	97.3	234,539	97.0
Destination: Mexico	2,935	1.4	3,387	1.4
Destination: Other Countries	2,894	1.4	3,800	1.6

(Total Imports by trucks)<sup>1</sup>

<i>Commodity Categories</i>	2020 <sup>R</sup>	% Share	2021 <sup>P</sup>	% Share
Machinery and electrical equipment	87,086	30.2	89,503	28.9
Automobiles, parts and other transportation equipment	43,457	15.1	47,821	15.4
Chemical products, plastics and rubber	43,154	15.0	47,540	15.3
Other manufactured and miscellaneous goods	42,760	14.8	47,480	15.3
Agricultural and food products	33,813	11.7	34,848	11.2
Base metals and articles thereof	18,713	6.5	21,742	7.0
Wood and paper products	9,956	3.5	10,712	3.5
Non-metallic minerals, coal and stone products	4,505	1.6	4,902	1.6
Waste and scrap material	2,372	0.8	2,717	0.9
Petroleum products, LNG and other fuels	2,220	0.8	2,153	0.7
Metallic ores	220	0.1	389	0.1
<b>Total Imports by Trucks</b>	<b>288,254</b>	<b>100.0</b>	<b>309,807</b>	<b>100.0</b>
Origin: United States	188,986	65.6	207,783	67.1
Origin: Mexico	21,309	7.4	22,824	7.4
Origin: Other Countries	77,960	27.0	79,201	25.6

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, 2020–2021**

(Millions of dollars)

<i>Border Crossing Point</i>	<i>Exports by Road 2021<sup>P</sup></i>	<i>Imports by Road 2021<sup>P</sup></i>	<i>Total Trade by Road 2021<sup>P</sup></i>	<i>Total Trade by Road 2020<sup>R</sup></i>	<i>Percentage Change 2021/20</i>	<i>Share in Per Cent 2021</i>	<i>Cumulative Share in Per Cent 2021</i>
Windsor-Ambassador, Ontario	60,904	56,147	117,051	110,870	5.6	26.5	26.5
Sarnia, Ontario	41,313	30,459	71,772	61,175	17.3	16.2	42.7
Fort Erie/Niagara Falls, Ontario	39,340	29,053	68,393	62,285	9.8	15.5	58.2
Lacolle, Québec	17,526	6,588	24,114	21,450	12.4	5.5	63.6
Emerson, Manitoba	11,357	11,903	23,260	20,852	11.5	5.3	68.9
Pacific Highway, British Columbia	12,482	10,506	22,989	20,139	14.2	5.2	74.1
Lansdowne, Ontario	11,336	8,017	19,353	17,681	9.5	4.4	78.4
Coutts, Alberta	8,529	5,828	14,357	12,047	19.2	3.2	81.7
North Portal, Saskatchewan	3,325	7,194	10,519	9,122	15.3	2.4	84.1
Woodstock, New Brunswick	4,324	1,027	5,351	4,190	27.7	1.2	85.3
Huntingdon, British Columbia	3,386	1,345	4,731	4,334	9.2	1.1	86.3
Kingsgate, British Columbia	2,660	1,975	4,635	3,838	20.8	1.0	87.4
Philipsburg, Québec	2,931	1,256	4,187	4,008	4.5	0.9	88.3
St. Stephen, New Brunswick	2,880	1,254	4,134	3,238	27.7	0.9	89.3
Other crossing points	12,245	35,230	47,475	41,048	15.7	10.7	100.0
<b>Total Road Trade</b>	<b>234,539</b>	<b>207,783</b>	<b>442,322</b>	<b>396,277</b>	<b>11.6</b>	<b>100.0</b>	

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, 2017–2021**

2021 Rank	Border Crossing	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2017	2018	2019	2020 <sup>R</sup>	2021	2017	2018	2019	2020 <sup>R</sup>	2021
1	Windsor-Ambassador Bridge <sup>1</sup>	Ont.	4.13	4.43	4.21	1.65	1.52	7.9	8.2	7.9	12.8	17.6
2	Cornwall	Ont.	1.66	1.68	1.69	1.04	1.04	3.2	3.1	3.2	8.1	12.1
3	Detroit - Windsor Tunnel	Ont.	4.03	3.67	4.00	1.21	0.87	7.7	6.8	7.5	9.4	10.2
4	Pacific Highway/Douglas	B.C.	7.76	8.35	8.06	1.60	0.86	14.8	15.4	15.1	12.4	10.0
5	Fort Erie - Peace Bridge	Ont.	4.11	4.10	4.09	0.91	0.69	7.8	7.6	7.7	7.1	8.0
6	Sarnia - Blue Water Bridge	Ont.	2.99	3.07	3.03	0.59	0.35	5.7	5.7	5.7	4.6	4.1
7	Niagara Falls - Queenston Bridge	Ont.	2.70	2.82	2.85	0.54	0.32	5.1	5.2	5.4	4.2	3.7
8	Lacolle <sup>2</sup>	Que.	1.49	1.53	1.56	0.33	0.24	2.8	2.8	2.9	2.6	2.8
9	Niagara Falls - Rainbow Bridge	Ont.	2.33	2.47	2.31	0.38	0.24	4.4	4.6	4.3	3.0	2.7
10	Boundary Bay	B.C.	1.86	2.06	1.95	0.43	0.21	3.5	3.8	3.7	3.3	2.5
11	Phillipsburg	Que.	0.87	0.88	0.90	0.17	0.16	1.7	1.6	1.7	1.3	1.8
12	Lansdowne	Ont.	1.17	1.18	1.19	0.25	0.15	2.2	2.2	2.2	1.9	1.8
13	Campobello	N.B.	0.28	0.28	0.27	0.13	0.13	0.5	0.5	0.5	1.0	1.6
14	Sault Ste. Marie	Ont.	1.42	1.44	1.35	0.30	0.13	2.7	2.7	2.5	2.4	1.5
15	Huntingdon	B.C.	1.62	1.86	1.79	0.37	0.12	3.1	3.4	3.4	2.8	1.5
16	Aldergrove	B.C.	0.96	1.14	1.09	0.21	0.09	1.8	2.1	2.1	1.6	1.1
17	Coutts	Alb.	0.42	0.42	0.40	0.14	0.09	0.8	0.8	0.8	1.1	1.1
18	Niagara Falls - Whirlpool Bridge	Ont.	0.48	0.50	0.39	0.10	0.08	0.9	0.9	0.7	0.8	0.9
19	Rock Island <sup>3</sup>	Que.	0.50	0.50	0.51	0.09	0.08	0.9	0.9	1.0	0.7	0.9
20	Fort Frances	Ont.	0.74	0.79	0.80	0.16	0.07	1.4	1.5	1.5	1.3	0.8
	<b>Top 20 Crossings</b>		<b>41.50</b>	<b>43.17</b>	<b>42.46</b>	<b>10.61</b>	<b>7.46</b>	<b>79.2</b>	<b>79.7</b>	<b>79.8</b>	<b>82.4</b>	<b>86.6</b>
	All other crossings		10.90	10.98	10.75	2.26	1.15	20.8	20.3	20.2	17.6	13.4
	<b>Total All Border Crossings</b>		<b>52.41</b>	<b>54.15</b>	<b>53.21</b>	<b>12.88</b>	<b>8.61</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

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

<sup>1</sup> 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).

<sup>2</sup> Lacolle includes routes 15, 221 and 223.

<sup>3</sup> 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, 2017–2021**

2021 Rank	Border Crossing	Province	Two-Way Traffic Volume (millions of movements)					Share (%)				
			2017	2018	2019	2020 <sup>R</sup>	2021	2017	2018	2019	2020 <sup>R</sup>	2021
1	Windsor-Ambassador Bridge <sup>1</sup>	Ont.	2.86	3.05	2.96	2.67	2.79	26.0	27.4	27.1	26.5	25.8
2	Sarnia -Blue Water Bridge	Ont.	1.61	1.56	1.53	1.39	1.62	14.6	14.0	14.0	13.8	15.0
3	Fort Erie - Peace Bridge	Ont.	1.14	1.11	1.02	0.97	1.04	10.3	10.0	9.3	9.7	9.6
4	Niagara Falls - Queenston Bridge	Ont.	0.79	0.79	0.81	0.74	0.81	7.2	7.1	7.5	7.4	7.5
5	Pacific Highway/Douglas	B.C.	0.78	0.79	0.77	0.72	0.78	7.1	7.1	7.0	7.1	7.2
6	Lacolle <sup>2</sup>	Que.	0.54	0.55	0.56	0.53	0.56	4.9	5.0	5.1	5.3	5.2
7	Emerson	Man.	0.42	0.42	0.42	0.41	0.46	3.8	3.7	3.9	4.1	4.3
8	Lansdowne	Ont.	0.37	0.38	0.37	0.36	0.39	3.4	3.4	3.4	3.6	3.6
9	Coutts	Alb.	0.25	0.26	0.27	0.27	0.30	2.3	2.3	2.5	2.6	2.8
10	North Portal	Sas.	0.23	0.24	0.22	0.21	0.23	2.1	2.2	2.0	2.1	2.2
11	Huntingdon	B.C.	0.19	0.18	0.18	0.19	0.19	1.8	1.6	1.7	1.8	1.7
12	Rock Island <sup>3</sup>	Que.	0.18	0.18	0.21	0.17	0.18	1.6	1.6	1.9	1.7	1.6
13	Phillipsburg	Que.	0.18	0.18	0.17	0.17	0.17	1.6	1.6	1.6	1.7	1.5
14	Kingsgate	B.C.	0.11	0.10	0.11	0.11	0.12	1.0	0.9	1.0	1.1	1.1
15	St. Stephen	N.B.	0.10	0.11	0.11	0.10	0.12	0.9	1.0	1.0	1.0	1.1
16	Aldergrove	B.C.	0.09	0.09	0.09	0.10	0.11	0.8	0.9	0.8	0.9	1.0
17	Woodstock	N.B.	0.11	0.12	0.12	0.10	0.10	1.0	1.0	1.1	1.0	0.9
18	Sault Ste. Marie	Ont.	0.09	0.08	0.08	0.08	0.07	0.8	0.7	0.7	0.8	0.6
19	Prescott	Ont.	0.07	0.07	0.07	0.06	0.06	0.6	0.6	0.6	0.6	0.5
20	Woburn	Que.	0.05	0.05	0.05	0.05	0.05	0.5	0.5	0.5	0.5	0.5
	<b>Top 20 Crossings</b>		<b>10.16</b>	<b>10.31</b>	<b>10.12</b>	<b>9.40</b>	<b>10.14</b>	<b>92.1</b>	<b>92.5</b>	<b>92.6</b>	<b>93.4</b>	<b>93.7</b>
	All other crossings		0.87	0.84	0.81	0.67	0.68	7.9	7.5	7.4	6.6	6.3
	<b>Total All Border Crossings</b>		<b>11.03</b>	<b>11.15</b>	<b>10.93</b>	<b>10.07</b>	<b>10.82</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

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

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, 2021**

<i>Border Name</i>	<i>Median Border Waiting Times - Minutes</i>	<i>Median Border Waiting Times - 3 year average</i>	<i>95th percentile Wait Time - Minutes</i>	<i>95th percentile Wait Time - 3 year average</i>
St. Stephen, NB	10.9	8.5	40.9	27.0
Woodstock Road, NB	5.4	8.4	15.1	19.1
Rock Island, QC	4.9	6.1	17.6	22.0
Lacolle, QC	9.5	12.1	27.8	32.6
Lansdowne, ON	13.8	16.0	35.4	35.8
Niagara Falls, ON - Queenston Bridge	11.4	13.5	38.9	44.4
Fort Erie, ON - Peace Bridge	11.6	11.8	34.6	36.2
Windsor-Ambassador Bridge, ON	8.7	11.0	32.7	36.2
Sarnia, ON	12.9	15.1	32.9	36.8
Sault Ste. Marie, ON	5.4	7.6	19.0	21.0
Emerson, MB	10.3	12.3	20.3	24.1
North Portal, SK	7.7	9.0	20.2	21.7
Coutts, AB	8.0	11.3	19.5	25.9
Huntingdon, BC	11.0	11.3	29.5	29.2
Pacific Highway, BC	14.0	15.3	36.4	45.5

*Source: Transport Canada*

**Table RO9: Annual Trucking Bankruptcies by Region, 2012–2021**

<i>Year</i>	<i>Atlantic Provinces</i>		<i>Quebec</i>	<i>Ontario</i>	<i>Manitoba &amp; Saskatchewan</i>		<i>Alberta</i>	<i>British Columbia &amp; Territories</i>	<i>Total Trucking</i>	<i>Total Economy</i> <sup>1</sup>
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		
2020	0	55	11	3	9	0	78	2,108		
2021	0	85	11	2	10	0	108	1,941		

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, 2010–2019**

	2010	2011	2012	2013	2014	2015	2016 <sup>R</sup>	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>P</sup>	2010-2019 CAGR (Per cent)
<b>Number of companies</b>											
Urban transit systems <sup>1</sup>	86	85	87	85	88	92	95	96	95	96	1.2
Interurban and rural bus transportation	20	18	22	18	17	13	14	13	15	12	(5.5)
School and employee bus transportation	1,020	749	751	542	531	491	488	411	400	420	(9.4)
Charter and sightseeing bus industries	152	140	155	148	141	127	117	118	117	151	(0.1)
Other transit and ground passenger transportation <sup>2</sup>	189	174	231	258	247	213	347	396	485	937	19.5
<b>Total</b>	<b>1,467</b>	<b>1,166</b>	<b>1,246</b>	<b>1,051</b>	<b>1,024</b>	<b>936</b>	<b>1,061</b>	<b>1,034</b>	<b>1,112</b>	<b>1,616</b>	<b>1.1</b>
	(Millions of dollars)										
<b>Revenues by NAICS Industry<sup>3</sup></b>											
Urban transit systems <sup>1</sup>	11,254	12,155	12,340	12,700	13,678	14,987	15,144	16,711	18,173	19,265	6.2
Interurban and rural bus transportation	660	661	675	754	741	620	693	405	318	275	(9.3)
School and employee bus transportation	1,933	2,019	2,089	2,131	2,272	2,099	2,036	2,418	2,471	2,546	3.1
Charter and sightseeing bus industries	478	472	512	583	599	570	583	636	675	681	4.0
Other transit and ground passenger transportation <sup>2</sup>	168	209	224	317	316	288	607	468	590	569	14.5
<b>Total</b>	<b>14,494</b>	<b>15,516</b>	<b>15,839</b>	<b>16,485</b>	<b>17,605</b>	<b>18,563</b>	<b>19,062</b>	<b>20,638</b>	<b>22,227</b>	<b>23,336</b>	<b>5.4</b>
<b>Revenues by Business Line</b>											
Urban transit services	3,608	3,833	4,061	4,334	4,451	4,582	4,817	4,572	5,219	5,321	4.4
School Bus transportation	1,488	1,559	1,548	1,756	1,876	1,727	1,781	1,804	1,921	2,055	3.7
Charters services	577	554	602	492	537	504	546	567	623	590	0.2
Shuttle & sightseeing services	148	92	90	566	132	119	108	144	127	110	(3.2)
Scheduled Intercity services	442	436	457	452	452	367	225	305	250	243	(6.4)
Other passenger bus services	201	301	378	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Other revenues	581	678	565	639	687	776	886	1,168	1,226	1,251	8.9
Parcels express delivery	85	90	84	76	515	441	525	481	542	447	20.2
<b>Total (excluding government contributions)</b>	<b>7,130</b>	<b>7,544</b>	<b>7,785</b>	<b>8,314</b>	<b>8,648</b>	<b>8,517</b>	<b>8,889</b>	<b>9,041</b>	<b>9,908</b>	<b>10,018</b>	<b>3.9</b>
Government contributions <sup>4</sup>	7,364	7,973	8,054	8,171	8,957	10,046	10,173	11,597	12,319	13,318	6.8
<b>Total</b>	<b>14,494</b>	<b>15,516</b>	<b>15,839</b>	<b>16,485</b>	<b>17,605</b>	<b>18,563</b>	<b>19,062</b>	<b>20,638</b>	<b>22,227</b>	<b>23,336</b>	<b>5.4</b>

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.

**Table RO11: Urban Transit Passengers Carried and Vehicle-Kilometres, 2011–2020**

(Millions of passengers)

	Urban Transit <sup>1</sup> Passengers	Urban Transit Vehicle-Kilometres
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	2,106.0	1,200.7
2018	2,156.8	1,243.4
2019 <sup>R</sup>	2,195.7	1,312.2
2020 <sup>P</sup>	1,009.0	1,170.9

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

1 Passengers carried by urban transit operators only.

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

**Table RO12: Urban Transit Fleet Composition, 2011–2020**

<i>Vehicle Type</i>	<i>(Number of vehicles)</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>	<i>2020</i>
Standard motor bus	983	751	590	394	234	219	177	156	71	78
Low floor bus	14,209	14,493	15,014	15,494	15,685	16,231	16,859	17,552	17,825	17,327
Light rail vehicle	547	592	592	592	619	641	639	679	745	776
Heavy rail vehicle	1,506	1,596	1,528	1,480	1,552	1,575	1,567	1,567	1,749	1,736
Commuter rail vehicle	557	554	574	574	942	930	666	666	1,152	1,152
Other <sup>1</sup>	326	320	323	328	362	390	378	452	452	309
<b>Total Vehicles</b>	<b>18,128</b>	<b>18,306</b>	<b>18,621</b>	<b>18,862</b>	<b>19,394</b>	<b>19,986</b>	<b>20,286</b>	<b>21,072</b>	<b>21,994</b>	<b>21,378</b>

<sup>1</sup> 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, 2010–2019**

(Current dollars)

	2010	2011	2012	2013	2014	2015	2016	2017 <sup>R</sup>	2018 <sup>R</sup>	2019 <sup>R</sup>
Urban transit systems	82,046	84,031	89,799	89,226	89,392	89,653	94,212	98,433	96,655	97,078
Interurban and rural bus transportation	72,085	72,150	77,968	88,450	83,878	80,267	81,043	61,719	84,144	89,557
Other transit and ground passenger transportation	34,448	37,528	29,288	41,373	49,123	44,786	44,998	46,322	44,820	48,155
Charter and sightseeing bus industries	38,598	38,055	38,038	37,182	39,010	43,358	35,848	35,818	38,471	37,191
School and employee bus transportation	28,522	28,749	27,898	28,694	26,715	25,193	26,130	N/A	30,722	29,806
<b>Total bus industries and bus activities in non-bus industries</b>	<b>60,647</b>	<b>61,244</b>	<b>63,205</b>	<b>64,255</b>	<b>62,416</b>	<b>62,634</b>	<b>63,077</b>	<b>67,211</b>	<b>67,645</b>	<b>68,679</b>

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

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

**Table RO14: Selected Provincial Urban Transportation System Indicators, 2020**

	<i>Quebec</i>	<i>Ontario</i>	<i>Alberta</i>	<i>B.C.</i>	<i>Canada</i>
Price levels, (Canada=100)	90.3	104.3	70.4	127.2	100.0
Total unit cost (Canada=100)	85.0	118.9	82.5	84.1	100.0
Cost recovery (in %)	18.3	38.1	30.4	47.6	37.8
Revenue Shortfall per passenger (\$)	8.4	16.9	9.0	8.6	11.9

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