

Table A1: Number of Aerodromes in Canada, 2012-2022

As of	Land Aerodromes			Total	Share of Grand	Heliports			Total	Share of Grand
Dec 31	Certified	Registered	Other	Land	Total (per cent)	Certified	Registered	Other	Heliports	Total (per cent)
2013	312	865	11	1,188	62.1	245	129	11	385	20.1
2014	306	885	8	1,199	62.3	246	133	4	383	19.9
2015	304	912	8	1,224	62.4	252	145	4	401	20.4
2016	290	707	5	1,002	62.9	239	129	2	370	23.2
2017	296	702	5	1,003	63.8	216	130	0	346	22.0
2018	285	709	5	999	64.7	191	130	0	321	20.8
2019	297	943	8	1,248	62.2	262	151	4	417	20.8
2020	297	949	8	1,254	62.2	263	151	4	418	20.7
2021	296	943	8	1,247	62.0	264	152	4	420	20.9
2022	296	950	8	1,254	62.0	264	159	4	427	21.1

As of	Water Aerodromes			Total	Share of Grand	Total All Aerodromes			Grand	Share of Grand
Dec 31	Certified	Registered	Other	Water	Total (per cent)	Certified	Registered	Other	Total	Total (per cent)
2013	6	334	0	340	17.8	563	1,328	22	1,913	100.0
2014	6	338	0	344	17.9	558	1,356	12	1,926	100.0
2015	5	331	0	336	17.1	561	1,388	12	1,961	100.0
2016	5	217	0	222	13.9	534	1,053	7	1,594	100.0
2017	5	218	0	223	14.2	517	1,050	5	1,572	100.0
2018	7	218	0	225	14.6	483	1,057	5	1,545	100.0
2019	5	336	0	341	17.0	564	1,430	12	2,006	100.0
2020	5	339	0	344	17.1	565	1,439	12	2,016	100.0
2021	5	339	0	344	17.1	565	1,434	12	2,011	100.0
2022	4	339	0	343	16.9	564	1448	12	2,024	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 - 2022/2023

<i>Province</i>	<i>2013/14</i>	<i>2014/15</i>	<i>2015/16</i>	<i>2016/17</i>	<i>2017/18</i>	<i>2018/19</i>	<i>2019/20</i>	<i>2020/21</i>	<i>2021/22^R</i>	<i>2022/23^P</i>
Newfoundland and Labrador	240.0	24.8	0.0	0.0	219.6	98.2	938.6	0.0	3,840.8	3,918.4
Prince Edward Island	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	239.3	2,705.1
Nova Scotia	166.8	70.4	3,551.9	127.1	701.8	13.7	226.1	0.0	180.6	0.0
New Brunswick	0.0	0.0	616.8	0.0	0.0	287.7	663.7	199.6	7390.0	9,296.1
Quebec	353.2	735.4	1,272.4	7,546.0	9,289.0	7,903.1	1,952.4	15,552.6	5,701.3	11,784.3
Ontario	1,874.9	6,454.9	705.1	10,794.6	3,231.6	7,714.7	8,649.1	5,446.9	22,577.3	28,391.5
Manitoba	1,167.4	1,650.9	4,229.9	1,701.6	7,856.6	4,038.6	1,864.6	5,579.0	5,794.8	10,584.9
Saskatchewan	0.0	140.4	7,529.8	3,898.6	1,565.7	471.3	697.9	2,316.4	11,323.6	2,998.2
Alberta	901.5	3,592.3	12,966.0	354.3	4,632.2	11,393.7	4,726.4	322.5	4,938.8	5,017.0
British Columbia	2,373.2	11,034.0	14,834.3	7,118.6	6,656.3	4,385.2	11,707.3	4,408.0	32,907.5	27,722.1
Northwest Territories	0.0	617.8	910.3	1,600.4	776.4	2065.3	3229.8	762.2	4620.2	17,831.5
Yukon	154.1	2,948.7	318.9	0.0	0.0	0.0	0.0	0.0	216.3	135.1
Nunavut	5,195.7	116.9	0.0	0.0	0.0	326.1	796.8	2,453.4	7,512.9	2,169.5
Total	12,426.8	27,386.5	46,935.4	33,141.2	34,929.2	38,697.6	35,452.7	37,040.6	107,243.4	122,553.7

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

Source: Transport Canada, Authorities Stewardship

Table A3: Airport Authorities Financial Performance, 2019

(Thousands of dollars, except where indicated)

Financial Information	Calgary	Vancouver	Edmonton	Montreal	Toronto	Ottawa	Winnipeg	Victoria	Halifax	Saskatoon	Kelowna
Aeronautical Revenues	122,590	146,297	59,069	250,625	517,597	41,354	49,195	7,436	32,680	7,783	7,875
Non-Aeronautical Revenues	146,029	246,735	70,967	225,278	567,435	42,720	41,724	16,481	38,168	11,665	15,002
Airport Improvement Fees	163,344	170,981	98,616	236,438	448,082	53,988	48,862	14,226	43,527	13,376	16,609
Contributions	0	7,739	2,999	0	0	0	0	1,028	0	783	297
Total Revenues	431,963	571,752	231,651	712,341	1,533,114	138,062	139,781	39,171	114,375	33,607	39,783
Expenses (less Interest Charges)	354,149	413,892	168,558	436,823	915,345	101,913	93,748	28,072	79,462	23,745	23,927
Rent to Federal Government	43,778	60,288	19,999	76,658	170,803	10,553	9,730	1,851	8,449	1,397	0
Income	34,036	97,572	43,094	198,860	446,966	25,596	36,303	9,248	26,464	8,465	15,856
Interest Charges	102,899	31,470	40,830	102,017	307,147	20,531	32,894	5	14,968	0	816
Other gains/(losses)	9,287	9,500	-430	-3,540	10,164	-1,494	40	0	-3,983	0	135
Net Income	-59,576	75,602	1,834	93,303	149,983	3,571	3,449	9,243	7,513	8,465	15,175
Acquisition of capital assets	76,577	610,639	38,925	283,293	421,864	36,300	60,131	26,369	35,090	22,390	14,773
Ratios:											
Expenses (incl interest) as a % of Rev.	105.8%	77.9%	90.4%	75.6%	79.7%	88.7%	90.6%	71.7%	82.6%	70.7%	62.2%
Aeronautical Revenues as a % of Total	28.4%	25.6%	25.5%	35.2%	33.8%	30.0%	35.2%	19.0%	28.6%	23.2%	19.8%
Non-Aeronautical Revenues as a % of Total	33.8%	43.2%	30.6%	31.6%	37.0%	30.9%	29.8%	42.1%	33.4%	34.7%	37.7%

Financial Information	Quebec	Regina	St. John's	Thunder Bay	London	Moncton	Saint John	Charlottetown	Gander	Fredericton	Prince George	Total
Aeronautical Revenues	15,131	5,196	11,090	8,139	4,112	6,713	1,667	2,734	3,310	2,643	4,596	1,307,832
Non-Aeronautical Revenues	28,393	11,951	14,845	4,426	5,376	5,134	2,030	3,400	4,097	2,741	4,673	1,509,270
Airport Improvement Fees	26,805	10,659	23,357	0	3,207	7,843	3,280	3,830	2,529	5,025	5,203	1,399,787
Contributions	3,515	253	0	323	0	0	379	1,178	1,183	1,187	1,517	22,381
Total Revenues	73,844	28,059	49,292	12,888	12,695	19,690	7,356	11,142	11,119	11,596	15,989	4,239,270
Expenses (less Interest Charges)	57,555	26,271	37,835	10,287	10,387	15,928	7,191	9,275	10,208	8,859	11,636	2,845,066
Rent to Federal Government	4,277	993	2,878	208	189	515	23	50	63	61	292	413,055
Income	12,012	795	8,579	2,393	2,119	3,247	142	1,817	848	2,676	4,061	981,149
Interest Charges	6,627	1,589	5,230	591	177	897	0	0	416	32	505	669,641
Other gains/(losses)	26	0	3,802	3,673	135	0	81	3	559	0	223	28,181
Net Income	5,411	-794	7,151	5,475	2,077	2,350	223	1,820	991	2,644	3,779	339,689
Acquisition of capital assets	42,883	4,494	15,751	2,943	11,005	9,684	18,642	1,702	4,495	11,381	9,072	1,758,403
Ratios:												
Expenses (including interest) as a % of Rev.	86.9%	99.3%	87.4%	84.4%	83.2%	85.4%	97.8%	83.2%	95.5%	76.7%	75.9%	82.9%
Aeronautical Revenues as a % of Total	20.5%	18.5%	22.5%	63.2%	32.4%	34.1%	22.7%	24.5%	29.8%	22.8%	28.7%	30.9%
Non-Aeronautical Revenues as a % Total	38.4%	42.6%	30.1%	34.3%	42.3%	26.1%	27.6%	30.5%	36.8%	23.6%	29.2%	35.6%

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 2019 Annual Reports (Consolidated Financial Statements)

Table A4: Airport Improvement Fees (AIF) at National Airport System (NAS) Airports, 2012–2022

Charge per passenger (dollars)

<i>Airport</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>2022</i>	<i>Airline Handling Fee (per cent)</i>
Calgary	25	25	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	7
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 ¹	20	25	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 ²	12	15	15	15	15	15	15	15	20	25	25	7
London	15	15	15	15	15	15	15	15	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 ³	20	20	20	23	23	23	23	23	23	28	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 ⁴	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 ⁵	15	20	20	20	20	20	20	20	20	23	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 ⁶	25	25	25	25	25	25	25	25	25	30	30	6
Vancouver ⁷	15	20	20	20	20	20	20	20	25	25	25	5
Victoria	10	10	10	10	15	15	15	15	15	15	15	7
Whitehorse	0	0	0	0	0	0	0	0	0	0	0	N/A
Winnipeg	20	20	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), 2002–2022

ATSC Rates (Current dollars per enplaned passenger)

<i>Sector</i>	----- <i>Effective Date</i> -----						<i>Current since</i>
	<i>April 1st</i> <i>2002¹</i>	<i>March 1st</i> <i>2003¹</i>	<i>April 1st</i> <i>2004¹</i>	<i>March 1st</i> <i>2005¹</i>	<i>July 1st</i> <i>2006¹</i>	<i>January 1st</i> <i>2008¹</i>	<i>April 1st</i> <i>2010¹</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 ²	\$12.00	\$12.00	\$10.00	\$8.50	\$8.42	\$8.34	\$12.71
Other International	\$24.00	\$24.00	\$20.00	\$17.00	\$17.00	\$17.00	\$25.91

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

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

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

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

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

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

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

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

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

Table A6: Top 10 Busiest Canadian Airports in Terms of Aircraft Movements, 2013-2022

(Thousands of aircraft movements)

		All Movements										2013-2022 CGARI
Ranking	Airport/Province	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
2022												
1	Toronto Pearson International, ON	434	437	446	459	467	476	455	175	174	339	(2.7)
2	Vancouver International, BC	302	312	319	326	334	339	332	157	167	261	(1.6)
3	Boundary Bay, BC	146	156	162	172	175	195	217	185	211	200	3.6
4	Calgary International, AB	246	252	250	235	234	244	239	120	125	191	(2.8)
5	Montréal-Pierre Elliott Trudeau International, QC	225	221	222	227	236	242	238	98	99	180	(2.5)
6	Abbotsford, BC	118	126	136	131	139	148	168	139	172	176	4.6
7	Québec City Jean Lesage International Airport, QC	120	114	112	118	123	139	146	118	131	135	1.4
8	Kitchener/Waterloo, ON	107	96	102	110	102	119	141	107	133	135	2.7
9	Calgary/Springbank, AB	135	147	151	158	143	137	154	129	139	129	(0.5)
10	Montréal/St-Hubert, QC	170	157	179	151	126	137	154	108	127	128	(3.1)
Subtotal		2,001	2,016	2,078	2,088	2,078	2,177	2,246	1,335	1,478	1,874	(0.7)
Share of total movements - Top 10 airports (%)		32.1	32.4	33.3	33.4	32.7	33.4	34.4	31.3	30.8	34.5	0.8
Total for All Airports2- All movements		6,230	6,232	6,246	6,247	6,361	6,526	6,536	4,264	4,802	5,431	(1.5)
Itinerant movements		4,645	4,595	4,628	4,585	4,679	4,730	4,643	2,825	3,185	3,848	(2.1)
Local movements		1,585	1,637	1,618	1,662	1,683	1,797	1,894	1,438	1,617	1,583	(0.0)
Share Itinerant movements (%)		74.6	73.7	74.1	73.4	73.5	72.5	71.0	66.3	66.3	70.9	(0.6)
Share Local movements (%)		25.4	26.3	25.9	26.6	26.5	27.5	29.0	33.7	33.7	29.1	1.5
		Itinerant Movements										2013-2022 CGARI
1	Toronto Pearson International, ON	433	435	445	457	465	474	453	174	174	337	(2.7)
2	Vancouver International, BC	301	311	318	321	332	339	331	156	167	261	(1.6)
3	Calgary International, AB	244	250	249	234	233	244	239	119	123	190	(2.7)
4	Montréal-Pierre Elliott Trudeau International, QC	224	220	221	226	235	241	237	96	98	179	(2.5)
5	Edmonton Intl, AB	153	166	157	137	138	142	134	70	72	99	(4.8)
6	Winnipeg James Armstrong Richardson International, MB	116	116	113	110	114	112	109	69	75	95	(2.2)
7	Québec City Jean Lesage International Airport, QC	89	83	80	81	85	87	89	62	70	81	(1.0)
8	Montréal/St-Hubert, QC	79	75	85	79	72	75	90	68	79	79	0.0
9	Toronto City Centre, ON	88	90	91	97	100	100	99	39	39	77	(1.5)
10	Boundary Bay, BC	62	66	66	67	69	72	82	67	77	73	1.9
Subtotal		1,789	1,812	1,825	1,811	1,843	1,885	1,864	922	975	1,472	(2.1)
Share of total Itinerant movements - Top 10 airports (%)		38.5	39.4	39.4	39.5	39.4	39.9	40.1	32.6	30.6	38.2	(0.1)
Total for All Airports2 - All Itinerant movements		4,645	4,595	4,628	4,585	4,679	4,730	4,643	2,825	3,185	3,848	(2.1)
		Local Movements										2013-2022 CGARI
1	Boundary Bay, BC	84	90	95	106	107	124	135	117	133	127	4.7
2	Abbotsford, BC	74	80	86	82	83	89	101	86	102	108	4.2
3	Winnipeg/St Andrews, MB	63	62	53	62	65	75	84	59	69	76	2.1
4	Pitt Meadows, BC	49	52	61	63	62	69	86	62	76	75	4.8
5	Kitchener/Waterloo, ON	62	56	59	63	59	71	83	62	70	72	1.7
6	Calgary/Springbank, AB	79	88	92	98	86	80	92	72	79	71	(1.2)
7	Chicoutimi/St-Honore, QC	48	52	45	60	75	76	68	66	71	58	2.1
8	Québec City Jean Lesage International Airport, QC	31	31	32	36	38	51	58	56	60	54	6.4
9	Montréal/St-Hubert, QC	91	81	93	72	54	62	65	39	48	49	(6.8)

10	London	30	29	22	24	32	29	32	29	38	41	3.5
	Subtotal	611	620	638	666	660	727	803	648	747	730	2.0
	<i>Share of total Local movements - Top 10 airports (%)</i>	38.6	37.9	39.4	40.1	39.2	40.5	42.4	45.1	46.2	46.1	2.0
	Total for All Airports2 - All Local movements	1,585	1,637	1,618	1,662	1,683	1,797	1,894	1,438	1,617	1,583	(0.0)

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, 2022

<i>Licence Aircraft Type</i>	<i>Services</i>			<i>Total Licences</i>	<i>Number of Air Carriers¹</i>
	<i>Domestic</i>	<i>Scheduled</i>	<i>International Non-Scheduled</i>		
Total Canada	580	356	279	1,215	595
Small aircraft	510	6	225	741	
Medium aircraft	18	36	16	70	
Large aircraft	16	203	15	234	
All cargo aircraft	36	111	23	170	
Total United States	0	41	526	567	551
Total Foreign	0	122	246	368	298
Total	580	519	1,051	2,150	1,444

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 issued by Category for the year 2022

<i>Category</i>	<i>Issued 12 Months</i>	<i>Male</i>	<i>Female</i>
Aeroplanes			
Private Pilot	2,251	1,985	266
Commercial Pilot	1,515	1,321	194
Airline Transport Pilot	784	724	60
Multi-Crew Pilots	0	0	0
Total	4,550	4,030	520
Helicopters			
Private Pilot	45	43	2
Commercial Pilot	250	219	31
Airline Transport Pilot	38	34	4
Total	333	296	37
Permits			
Gyroplane Pilot	4	4	0
Ultra-Light Pilot	90	85	5
Recreational Pilot	55	49	6
Total	149	138	11
Other Licences			
Glider Pilot	32	29	3
Balloon Pilot	5	3	2
Flight Engineer	0	0	0
Air Traffic Controller	NA	NA	NA
Total	37	32	5
Total Licences & Permits	5,069	4,496	573

Note: Excludes student pilot permits

Source: Transport Canada, Safety and Security, Civil Aviation

Table A9: Personnel Licences and Permits by Province/Territory, as

<i>Province/Territory</i>	<i>Number of Licences 2020</i>	<i>Number of Licences 2021</i>	<i>Growth (per cent) 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
Total	38,982	30,447	(21.9)

Note: Including student pilot permits.

Source: Transport Canada, Safety and Security, Civil Aviation

Table A10: Total Operating Revenues of Canadian Air Carriers, 2012 - 2021
(millions of dollars)

<i>Year</i>	<i>Passenger Services</i>	<i>Goods Services</i>	<i>Other Services</i> ¹	<i>Total</i>	<i>Growth (per cent)</i>
2012	18081	1225	1037	20343	7
2013	18525	1178	1113	20816	2
2014	19726	1209	1374	22309	7
2015	20058	1202	1573	22833	2
2016	20319	1248	1665	23231	2
2017	22460	1476	1613	25549	10
2018	24648	1692	1593	27933	9
2019	25769	1716	2027	29511	6
2020	8677	2072	1400	12149	-59
2021	8116	2887	1456	12460	3
CAGR 2013 - 2022 (per cent)	(10)	12	3	(7)	-12

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

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

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

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, 2010-2021

	Average Annual Salary											
<i>Levels I-III¹</i>	2010	2011	2012	2013	2014	2015	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^P	2021 ^P
Pilots and Copilots	102,225	105,963	113,595	116,276	116,571	114,130	124,432	122,197	126,311	130,927	118,417	129,355
Other Flight Personnel	44,523	48,605	51,418	52,361	49,901	57,924	50,182	50,350	52,028	50,798	53,644	54,966
Management and Administration	75,058	80,632	75,242	80,607	76,431	87,235	95,509	100,342	111,401	125,120	95,043	92,963
Other Carrier Personnel ²	49,079	53,444	54,771	55,089	56,854	58,773	60,476	57,655	59,275	58,504	61,811	64,665
Total Levels I - III	59,460	64,140	66,700	67,880	68,084	71,930	71,860	70,011	72,419	72,837	74,662	79,501
	Average Number of Employees											
<i>Levels I-III¹</i>	2010	2011	2012	2013	2014	2015	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^P	2021 ^P
Pilots and Copilots	9,667	10,094	10,236	10,426	10,420	11,261	10,485	11,315	12,163	12,628	10,253	10,170
Other Flight Personnel	11,770	12,042	12,176	12,426	12,469	11,598	13,499	14,543	15,659	16,165	8,185	7,265
Management and Administration	3,355	3,543	4,276	4,058	4,495	4,098	3,174	3,188	3,245	3,270	2,759	2,980
Other Carrier Personnel ²	27,930	27,444	27,702	28,411	28,144	28,540	29,305	32,473	35,203	38,254	25,897	24,863
Total Levels I - III	52,722	53,123	54,390	55,321	55,528	55,497	56,463	61,519	66,270	70,317	47,094	45,278

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 2010-2011: 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

<i>Airlines¹</i>	<i>Daily Seat-Kilometres² (million)</i>		<i>Percentage Change</i>	<i>Capacity Share (per cent)</i>	
	<i>2020^R</i>	<i>2021^P</i>		<i>2020^R</i>	<i>2021^P</i>
Air Canada Family					
Air Canada ³	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 ⁴	0.0	0.2	8059.5	0.0	0.2
Total	48.5	53.5	10.4	53.6	50.9
National and Leisure Airlines					
WestJet ⁵	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 ⁶	1.4	0.8	(42.8)	1.5	0.7
Sunwing Airlines ⁶	0.2	0.3	73.6	0.2	0.3
Total	36.0	45.0	25.1	39.8	42.8
Northern Airlines					
Canadian North ⁷	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 ⁸	0.5	0.4	(23.6)	0.6	0.4
Total	3.6	4.4	22.3	4.0	4.2
Local Service Airlines	2.4	2.2	(7.9)	2.6	2.1
Grand Total	90.4	105.1	16.2	100.0	100.0

Notes:

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

2 Daily average seat-kilometres in 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 ¹	Daily Seats ² 2021	Percentage change over 2020					Daily Seats ² 2020
				Air Canada ³	WestJet ⁴	Flair Airlines	Others	
1	Vancouver, BC ⁶ - Toronto, ON ⁵	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 ⁷ - 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 ⁸	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, 2013-2022

Ranking		2013-2022										
Average												
2013-2022	Sector, Airport / Province	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^R	2021 ^R	2022 ^P	CAGR
1	Toronto Pearson International, ON	35.2	37.2	39.6	43.1	46.0	48.4	49.1	12.9	12.3	34.5	(0.2)
2	Vancouver International, BC	17.5	19.0	19.6	21.7	23.6	25.3	25.5	7.1	6.9	18.3	0.5
3	Montréal Trudeau International, QC	13.5	14.3	14.8	16.0	17.6	18.8	19.5	5.2	5.0	15.3	1.3
4	Calgary International, AB	13.5	14.4	14.6	14.9	15.6	16.7	17.2	5.3	5.9	13.8	0.3
5	Edmonton International, AB	7.2	7.7	7.5	7.1	7.5	7.9	7.9	2.4	2.6	5.5	(2.9)
6	Halifax Robert L. Stanfield Int'l, NS	3.5	3.6	3.6	3.8	4.0	4.2	4.1	1.0	1.0	3.0	(1.6)
7	Ottawa Macdonald-Cartier Int'l, ON	4.4	4.5	4.5	4.7	4.8	5.0	5.0	1.3	1.1	2.9	(4.7)
8	Winnipeg Richardson International, MB	3.4	3.6	3.7	3.9	4.2	4.2	4.1	1.2	1.1	2.8	(2.3)
9	Kelowna International Airport, BC	1.5	1.6	1.5	1.7	1.9	2.0	2.0	0.7	0.8	1.6	1.2
10	Victoria International, BC	1.5	1.6	1.7	1.8	1.9	2.0	1.9	0.5	0.6	1.4	(0.5)
	Total - Top 10 Airports	101.2	107.4	111.1	118.8	127.1	134.4	136.2	37.5	37.4	99.2	(0.2)
11	Abbotsford International, BC	C	C	C	C	C	C	C	C	C	C	8.2
12	Aéroport int'l Jean-Lesage de Québec, QC	1.5	1.5	1.5	1.5	1.6	1.7	1.7	0.5	0.3	1.1	(2.9)
13	St John's International, NL	1.4	1.5	1.5	1.5	1.5	1.5	1.4	0.4	0.5	1.0	(3.5)
14	Saskatoon John G. Diefenbaker, SK	1.4	1.5	1.4	1.4	1.4	1.5	1.5	0.4	0.4	0.9	(4.2)
15	Regina International, SK	1.2	1.2	1.2	1.3	1.2	1.2	1.2	0.4	0.4	0.7	(5.2)
16	John C Munro Hamilton Int'l, ON	0.3	0.3	0.3	0.4	0.6	0.7	1.0	0.3	0.3	0.7	7.4
17	Thunder Bay, ON	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.3	0.3	0.5	(4.2)
18	Fort McMurray, AB	1.1	1.2	1.0	0.7	0.7	0.6	0.6	0.2	0.2	0.3	(12.9)
19	Fort MacKay/Firebag Aerodrome	C	C	C	C	C	C	C	C	C	C	16.0
20	Northwest Terrace Regional Airport	C	C	C	C	C	C	C	C	C	C	6.2
	Total - Top 20 Airports¹	109.6	116.2	119.6	127.3	136.4	143.8	145.9	40.6	40.6	106.0	(0.4)
	Grand Total for All Airports	123.0	130.1	133.7	141.9	151.4	159.6	162.1	45.7	46.1	116.2	(0.6)
	Top 10's Share (%) of Grand Total	82.3	82.5	83.1	83.7	84.0	84.2	84.0	82.1	81.0	85.3	
	Top 20's Share (%) of Grand Total	89.1	89.3	89.4	89.7	90.1	90.1	90.0	88.8	88.1	91.2	

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

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

Source: Transport Canada, ECATS database

Table A15: Top 10 Busiest Canadian Airports in Terms of Enplaned/Deplaned Revenue Passengers, by Sector, 2013-2022

Ranking												2013-22
Average												CAGR
2013-22	Sector, Airport/Province	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^R	2021 ^R	2022 ^P	
Domestic												
1	Toronto Pearson International, ON	14.3	15.0	15.6	16.7	17.2	17.6	17.6	5.2	6.5	13.8	(0.3)
2	Calgary International, AB	9.4	10.0	10.2	10.5	10.9	11.7	11.8	4.0	5.0	10.0	0.7
3	Vancouver International, BC	9.2	9.8	10.0	10.9	11.5	12.1	12.3	4.1	5.0	10.3	1.2
4	Montréal Trudeau International, QC	5.1	5.4	5.5	6.1	6.6	6.8	6.9	1.9	2.3	5.1	(0.0)
5	Edmonton International, AB	5.6	5.9	5.8	5.8	6.3	6.5	6.5	2.0	2.5	4.9	(1.6)
6	Halifax Robert L. Stanfield Int'l, NS	2.8	2.9	2.9	3.2	3.4	3.6	3.5	0.8	1.0	2.7	(0.4)
7	Ottawa Macdonald-Cartier Int'l, ON	3.2	3.3	3.4	3.6	3.8	3.9	3.9	1.0	1.1	2.6	(2.3)
8	Winnipeg Richardson International, MB	2.8	2.9	3.0	3.3	3.6	3.6	3.5	0.9	1.1	2.6	(1.0)
9	Kelowna International, BC	1.3	1.4	1.4	1.6	1.7	1.9	1.8	0.6	0.8	1.6	2.2
10	Victoria International, BC	1.2	1.3	1.4	1.5	1.6	1.6	1.6	0.5	0.6	1.4	1.1
	Total Domestic	55.1	58.0	59.3	63.1	66.5	69.2	69.3	21.1	25.9	55.0	(0.0)
Transborder¹												
1	Toronto Pearson International, ON	9.7	10.2	10.9	11.8	12.7	13.4	13.6	3.0	2.2	8.9	(1.0)
2	Vancouver International, BC	4.2	4.6	4.9	5.4	5.9	6.2	6.3	1.3	0.9	4.2	0.1
3	Montréal Trudeau International, QC	3.2	3.4	3.5	3.8	4.0	4.3	4.4	1.0	0.8	3.4	0.8
4	Calgary International, AB	2.7	3.0	3.0	2.9	3.1	3.3	3.5	0.8	0.6	2.4	(1.4)
5	Edmonton International, AB	1.2	1.3	1.2	0.9	0.9	1.0	1.0	0.2	0.1	0.4	(11.1)
6	Winnipeg Richardson International, MB	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.1	0.0	0.2	(10.9)
7	Ottawa Macdonald-Cartier Int'l, ON	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.2	0.0	0.2	(14.6)
8	Aéroport int'l Jean-Lesage de Québec, QC	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.2	(5.6)
9	C	C	C	C	C	C	C	C	C	C	C	
10	C	C	C	C	C	C	C	C	C	C	C	
	Total Transborder	22.7	24.3	25.1	26.4	28.1	29.9	30.5	6.8	4.7	20.0	(1.4)
Other International												
1	Toronto Pearson International, ON	11.3	12.0	13.1	14.5	16.1	17.4	17.8	4.7	3.5	11.8	0.5
2	Montréal Trudeau International, QC	5.2	5.5	5.8	6.2	7.0	7.7	8.2	2.2	1.8	6.7	2.8
3	Vancouver International, BC	4.1	4.5	4.6	5.5	6.2	7.0	6.9	1.7	1.0	3.8	(0.9)
4	Calgary International, AB	1.3	1.3	1.4	1.5	1.7	1.7	1.9	0.5	0.3	1.4	0.8
5	Ottawa Macdonald-Cartier Int'l, ON	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.2	0.0	0.2	(5.4)
6	Aéroport int'l Jean-Lesage de Québec, QC	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.0	0.2	(4.6)
7	Halifax Robert L. Stanfield Int'l, NS	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.1	0.0	0.2	(3.9)
8	Edmonton International, AB	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.0	0.1	(17.7)
9	Winnipeg Richardson International, MB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.1	(10.6)
10	C	C	C	C	C	C	C	C	C	C	C	
	Total Other International	23.6	25.1	26.8	29.4	32.5	35.5	36.6	9.9	6.8	24.6	0.5
All Sectors												
1	Toronto Pearson International, ON	35.2	37.2	39.6	43.1	46.0	48.4	49.1	12.9	12.3	34.5	(10.7)
2	Vancouver International, BC	18.9	20.2	20.9	22.0	23.8	25.6	26.4	7.6	7.7	21.0	(9.6)
3	Calgary International, AB	16.5	17.7	18.1	20.1	21.7	23.4	23.6	6.8	6.8	17.5	(8.3)
4	Montréal Trudeau International, QC	9.6	10.3	10.2	10.2	11.0	11.5	11.8	3.3	3.4	8.6	(10.6)
5	Edmonton International, AB	6.7	7.2	7.2	7.4	7.9	8.2	8.2	2.3	2.4	5.8	(10.0)
6	Halifax Robert L. Stanfield Int'l, NS	3.4	3.4	3.5	3.7	3.9	4.1	4.0	0.9	1.1	3.1	(12.5)
7	Ottawa Macdonald-Cartier Int'l, ON	4.0	4.1	4.2	4.4	4.5	4.7	4.7	1.3	1.1	3.0	(14.3)
8	Winnipeg Richardson International, MB	4.0	4.1	4.2	4.4	4.6	4.7	4.6	1.2	1.1	2.8	(12.0)
9	Kelowna International Airport, BC	1.5	1.6	1.6	1.8	1.9	2.1	2.2	0.8	0.8	1.7	(6.2)
10	Victoria International, BC	1.5	1.6	1.7	1.8	1.9	2.0	2.0	0.6	0.6	1.5	(8.7)

Total All Sectors	101.3	107.4	111.2	118.9	127.1	134.5	136.5	37.8	37.4	99.5	(10.2)
Grand Total for All Airports											
Domestic	74.4	78.4	79.6	84.0	88.8	92.3	92.8	28.6	34.5	70.7	(0.6)
Transborder	24.5	26.2	26.8	28.1	29.6	31.4	32.2	7.1	4.8	20.8	(1.8)
Other International	24.0	25.5	27.2	29.8	33.0	35.9	37.1	10.1	6.8	24.7	0.3
All Sectors	123.0	130.1	133.7	141.9	151.4	159.6	162.1	45.7	46.1	116.2	(0.6)
Top 10's Share (%) of Grand Total											
Domestic	73.9	74.1	74.5	75.1	75.0	75.0	74.7	73.8	75.1	77.7	
Transborder	92.6	92.8	93.5	94.0	94.8	95.1	94.9	96.3	97.7	96.1	
Other International	98.2	98.2	98.2	98.4	98.5	98.7	98.8	97.8	99.9	99.5	
All Sectors	82.4	82.6	83.2	83.7	84.0	84.3	84.2	82.6	81.1	85.6	

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 2013-2022

Table A16: Volume of Traffic Carried by Canadian Air Carriers¹, 2013-2022

<i>Year</i>	(Millions)			
	<i>Passengers</i>	<i>Passenger - Kilometers</i>	<i>Goods (Tonnes)</i>	<i>Goods Tonne-Kilometers</i>
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	25.2	52,089	1.1	3,252
2022	66.9	168,169	1.2	3,246
CAGR 2013-2022	(0.1)	0.8	5.5	4.6

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 Cargo¹, by Sector, 2013-2022

Ranking Average 2013-22	Sector; Airport / Province	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013-2022 CAGR
Domestic												
1	Vancouver International, BC	71.1	81.8	88.3	91.8	105.0	117.0	111.3	105.8	126.7	126.4	6.6
2	C	C	C	C	C	C	C	C	C	C	C	
3	Toronto Pearson International, ON	67.4	73.7	81.8	82.6	99.0	98.0	98.1	75.6	82.1	92.3	3.6
4	Calgary International, AB	28.5	29.2	35.1	36.6	49.0	51.0	48.7	49.7	59.7	67.4	10.0
5	C	47.1	49.9	56.5	C	C	C	C	C	C	C	
6	C	18.2	18.7	18.8	18.1	19.1	20.1	18.0	18.8	24.5	36.3	
7	C	C	C	C	C	C	C	27.9	C	C	C	
8	C	33.2	33.0	33.4	C	37.0	C	C	C	C	C	
9	C	C	C	6.4	12.0	16.2	19.8	14.6	14.4	13.9	17.0	
10	C	C	C	C	C	C	C	C	C	C	C	
	Subtotal (Domestic)	371.1	395.3	438.1	483.6	508.6	538.2	496.8	479.0	542.2	568.0	4.8
Transborder												
1	Toronto Pearson International, ON	91.2	93.3	90.3	88.8	93.9	95.7	96.8	90.9	83.1	95.6	0.5
2	C	C	C	C	C	C	C	C	C	C	C	
3	C	34.3	31.5	37.6	36.8	44.0	44.7	33.8	35.3	33.2	C	
4	C	26.4	C	21.2	20.4	21.4	23.0	C	C	24.5	C	
5	C	C	C	C	C	C	16.2	C	C	29.0	C	
6	C	8.0	8.3	C	C	C	10.2	10.3	C	C	C	
7	C	C	C	C	C	C	C	C	C	C	C	
8	C	0.0	C	C	C	C	0.2	C	C	C	C	
9	C	C	C	C	C	C	C	C	C	C	C	
10	C	C	C	C	0.7	1.1	1.7	2.9	0.6	1.0	1.1	
	Subtotal (Transborder)	231.5	237.3	245.2	243.0	242.4	248.5	240.9	250.0	244.2	260.6	1.3
Other International												
1	Toronto Pearson International, ON	188.7	193.1	206.0	220.0	262.2	299.3	276.7	148.6	168.1	239.5	2.7
2	Vancouver International, BC	84.4	103.4	112.9	125.1	139.2	174.8	149.2	96.9	97.2	111.6	3.2
3	Montréal Trudeau International, QC	66.0	62.7	65.0	74.8	78.9	93.3	94.7	56.7	60.4	95.9	4.2
4	C	C	C	C	C	C	C	C	C	C	C	
5	Calgary International, AB	21.2	26.5	24.8	22.5	24.0	20.6	19.4	9.1	10.0	15.4	(3.5)
6	C	C	C	C	C	C	3.2	C	C	7.5	C	
7	C	1.2	1.8	C	C	C	C	C	2.2	C	C	
8	C	0.0	C	0.1	0.1	0.4	C	C	C	C	C	
9	C	C	C	C	C	0.4	0.5	C	0.4	C	0.6	
10	C	0.0	C	0.0	C	0.0	C	C	C	C	C	
	Subtotal (Other International)	366.2	391.5	414.9	450.5	513.4	602.6	550.6	322.8	363.6	495.1	3.4
All Sectors												
1	Toronto Pearson International, ON	347.2	360.1	378.1	391.4	455.1	493.0	471.7	315.1	333.3	427.4	2.3
2	Vancouver International, BC	189.8	216.8	238.8	253.6	288.2	336.5	294.3	238.0	257.1	270.3	4.0
3	C	92.5	100.6	C	C	99.5	C	C	C	C	C	
4	Montréal Trudeau International, QC	77.4	77.9	82.0	97.4	104.9	123.4	125.5	81.1	89.2	125.6	5.5
5	Calgary International, AB	76.1	79.7	81.1	79.5	94.3	94.6	91.6	82.1	94.2	109.4	4.1
6	Montréal Mirabel, QC	69.3	70.2	70.5	73.8	78.5	90.6	85.1	79.9	81.6	78.5	1.4
7	C	55.5	59.1	65.1	C	C	C	C	C	C	C	
8	Edmonton International, AB	27.3	28.3	27.4	26.5	27.8	29.9	27.4	28.5	C	48.9	6.7
9	Halifax Robert L. Stanfield Int'l, NS	28.6	30.5	26.3	27.3	29.2	26.2	22.4	24.6	28.5	26.7	(0.8)
10	Greater Moncton Roméo LeBlanc Int'l, NB	7.4	4.3	6.4	12.0	16.2	19.8	14.6	14.4	13.9	17.0	9.6
	Subtotal (All Sectors)	971.1	1,027.5	1,092.5	1,169.4	1,263.9	1,387.0	1,289.2	1,048.5	1,145.4	1,319.0	3.5
Grand Total for All Airports												
	Domestic	467.0	484.4	533.6	614.5	662.7	706.3	667.4	658.9	733.0	723.5	5.0
	Transborder	232.2	238.0	245.8	243.5	243.0	249.1	241.5	251.1	245.5	262.3	1.4
	Other International	368.7	395.9	418.2	453.7	516.3	606.8	553.6	324.6	365.3	495.9	3.3

All sectors	1,067.9	1,118.2	1,197.6	1,311.8	1,422.0	1,562.2	1,462.5	1,234.6	1,343.8	1,481.7	3.7
Top 10's Share (%) of Grand Total											
Domestic	79.5	81.6	82.1	78.7	76.8	76.2	74.4	72.7	74.0	78.5	
Transborder	99.7	99.7	99.7	99.8	99.7	99.8	99.8	99.6	99.5	99.3	
Other International	99.3	98.9	99.2	99.3	99.4	99.3	99.5	99.4	99.5	99.8	
All Sectors	90.9	91.9	91.2	89.1	88.9	88.8	88.1	84.9	85.2	89.0	

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, 2021 and 2022

(Millions of dollars)

<i>Destination</i>	<i>Region of Origin</i>		<i>Grand Total</i>	<i>Per Cent of Total</i>
	<i>Eastern Canada</i>	<i>Western Canada</i>		
Exports (2021^R)				
Europe	24,896	3,658	28,554	44.2
United States	18,367	1,205	19,573	30.3
Asia	9,173	1,783	10,956	17.0
Latin America	1,458	298	1,756	2.7
Other	2,789	926	3,715	5.8
Total Exports¹	56,684	7,869	64,554	100.0
Exports (2021^P)				
Europe	28,135	4,244	32,379	46.7
United States	17,756	1,395	19,151	27.6
Asia	8,940	1,955	10,894	15.7
Latin America	1,939	408	2,347	3.4
Other	3,204	1,377	4,581	6.6
Total Exports¹	59,974	9,379	69,352	100.0
<i>Origin</i>	<i>Region of Clearance</i>		<i>Grand Total</i>	<i>Per Cent of Total</i>
	<i>Eastern Canada</i>	<i>Western Canada</i>		
Imports (2021^R)				
Europe	21,396	2,648	24,044	29.5
Asia	17,919	4,443	22,362	27.5
United States	16,167	4,945	21,111	25.9
Latin America	7,811	741	8,552	10.5
Other	4,783	525	5,308	6.5
Total Imports	68,075	13,301	81,377	100.0
Imports (2022^P)				
Asia	22,182	5,302	27,483	28.8
Europe	24,381	2,864	27,245	28.6
United States	17,992	6,338	24,330	25.5
Latin America	8,894	847	9,741	10.2
Other	5,855	689	6,544	6.9
Total Imports	79,305	16,039	95,344	100.0

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

1 Total exports include domestic exports and re-exports.

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

Table A19: Main Commodity Groups Shipped by Air in Canada's International Trade, 2021 and 2022

(Millions of dollars)

Exports¹	<i>2021^R</i>	<i>2022^P</i>	<i>Per Cent Change</i>
Precious Metals and Gemstones	23,131	23,683	2.4
Machinery & Electrical	12,847	15,313	19.2
Miscellaneous	10,495	12,160	15.9
Transportation Equipment	9,389	7,873	(16.2)
<i>Aviation equipment</i>	<i>9,181</i>	<i>7,617</i>	<i>(17.0)</i>
Chemicals & Allied Industries	5,128	6,515	27.0
Animals & Animal Products	1,271	1,294	1.8
Metals	650	756	16.3
Textiles	576	529	(8.1)
Plastics & Rubbers	354	414	17.0
Vegetable Products	198	254	28.5
Foodstuffs	212	218	2.8
Wood & Wood Products	154	169	9.7
Raw Hides, Skins, Leather, & Furs	87	87	0.1
Footwear & Headgear	45	56	25.7
Mineral Products	17	30	72.2
Total Exports	64,554	69,352	7.4
Imports			<i>Per Cent Change</i>
Machinery & Electrical	28,211	32,638	15.7
Precious Metals and Gemstones	16,501	18,406	11.5
Chemicals & Allied Industries	14,506	17,002	17.2
Miscellaneous	9,212	10,455	13.5
Transportation Equipment	5,049	7,007	38.8
<i>Aviation equipment</i>	<i>4,496</i>	<i>6,240</i>	<i>38.8</i>
Textiles	2,825	3,755	32.9
Metals	1,498	1,874	25.1
Plastics & Rubbers	888	980	10.3
Raw Hides, Skins, Leather, & Furs	665	816	22.7
Vegetable Products	561	664	18.3
Footwear & Headgear	484	629	29.9
Animals & Animal Products	457	442	(3.3)
Wood & Wood Products	320	345	7.7
Foodstuffs	185	314	69.9
Mineral Products	14	17	22.9
Total Imports	81,377	95,344	2.9

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 EC1: Economic Indicators, 2021

	<i>2021 (level)</i>	<i>2020 to 2021 (percentage change)</i>	<i>2016 to 2020 (CAGR)</i>	<i>2021 Share of total GDP (percentage)</i>
GDP at Basic Prices (millions of constant 2012 dollars)¹				
All industries	1,989,409	5.0	0.8	100.0
Goods-Producing Industries	578,825	4.4	0.5	29.1
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
Service-Producing Industries	1,410,584	5.2	0.8	70.9
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
Transportation (core)	57,208	0.6	(4.8)	2.9
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
Transportation and warehousing (NAICS)	72,019	1.3	(3.3)	3.6
GDP at Basic Prices (millions of chained 2012 dollars)¹				
All industries	1,974,468	4.8	0.6	
Goods-producing sector	565,844	3.9	0.2	
Service-producing sector	1,405,526	5.1	0.8	
Transportation and Warehousing (NAICS)	72,820	1.7	(3.0)	
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)
Real GDP (millions of 2012 chained dollars)²	2,090,636	4.6	0.6
Merchandise Trade (Customs basis, millions of current dollars)³			
Exports	631,188	20.7	0.3
Imports	613,864	13.0	0.5
Services Trade (Balance of Payments basis, millions of current dollars)⁴			
Transportation services			
Receipts (exports)	14,866	8.6	(4.3)
Payments (imports)	26,518	14.0	(3.7)
Travel services			
Receipts (exports)	16,460	(9.1)	(11.8)
Payments (imports)	9,637	(40.5)	(21.8)
Tourism Indicators (Thousands of persons)⁵			
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)
Canadian Dollar, Foreign Exchange (CDN cents per US\$)⁶	125.35	(6.6)	(0.9)
Population (Thousands)⁷	38,246	0.5	1.3
Employment (Thousands)⁸	18,865	4.8	0.1
Household Income and Consumption (current dollars)			
Household disposable income per capita ⁹	37,607	2.3	4.0
Household final consumption per capita (total) ¹⁰	34,655	7.5	0.2
Household final consumption per capita (transportation) ¹⁰	4,867	14.1	(3.5)
Price indices			
GDP implicit deflator (2012=100) ²	1.19	8.2	1.6
Terms of trade (2012 = 100) ¹¹	96.1	11.9	(0.5)
Consumer Price Index (2002=100) ¹²			

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, 2019

	<i>Transport Sector¹ 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	1,032.5	1.1%	3.1%
Prince Edward Island	224.3	0.2%	3.3%
Nova Scotia	1,407.5	1.6%	3.3%
New Brunswick	1,583.8	1.7%	4.6%
Quebec	18,994.0	21.0%	4.5%
Ontario	32,899.8	36.3%	3.9%
Manitoba	3,819.4	4.2%	5.5%
Saskatchewan	2,390.2	2.6%	3.0%
Alberta	12,684.5	14.0%	3.7%
British Columbia	15,167.5	16.7%	5.3%
Yukon	97.6	0.1%	3.3%
Northwest Territories	245.6	0.3%	5.5%
Nunavut	80.7	0.1%	2.3%
Total	90,627.4	100.0	

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

1 Transport Sector, excluding both Pipelines & Warehousing and Storage

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

Table EC3: Aggregate Household Final Consumption Expenditures on Transportation, 2022

	<i>2022 (millions of current dollars)</i>	<i>Per cent share of transportation expenses</i>	<i>Per cent change (2021 to 2022)</i>	<i>CAGR (2017 to 2021)</i>
New and Used Transportation Equipment				
New passenger cars	13,149	5.9	1.2	(8.9)
New trucks, vans and sport utility vehicles	48,414	21.9	0.5	2.1
Used motor vehicles	20,254	9.1	12.0	1.3
Other vehicles	4,906	2.2	6.9	8.3
Subtotal	86,723	39.1	3.4	0.0
Fuels and lubricants	58,891	26.6	34.0	0.9
Repair and Maintenance (including parts)				
Spare parts and accessories for vehicles	23,175	10.5	8.8	4.9
Maintenance and repair of vehicles	14,297	6.5	11.2	4.8
Subtotal	37,472	16.9	9.7	4.9
Other Motor Vehicle Related Services				
Passenger vehicle renting	1,066	0.5	29.8	(10.6)
Insurance related to transport	9,042	4.1	2.4	4.1
Parking	3,220	1.5	23.3	(4.8)
Other services related to the operation of transport equipment	2,847	1.3	15.6	(1.3)
Subtotal	16,175	7.3	9.8	0.3
Commercial Transportation				
Urban transit	3,221	1.5	48.1	(17.2)
Railway transport	308	0.1	148.4	(20.1)
Interurban bus	859	0.4	93.9	(22.3)
Air transport	12,987	5.9	232.3	(27.3)
Water transport	651	0.3	34.8	0.3
Taxi and limousine	1,758	0.8	17.6	3.2
Other transport services	2,483	1.1	(1.2)	(3.4)
Subtotal	22,267	10.1	99.9	(18.2)

Transport (including insurance)	221,528	100.0	18.0	(0.8)
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Note: CAGR= Compound Annual Growth Rate.

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

Table EC5: Modal Shares in Canada's International Trade, 2013-2022

Canadian Exports
(Millions of dollars)

	<i>Total Exports</i> ¹						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	592,082	232,899	87,820	109,814	69,527	92,021	39.3	14.8	18.5	11.7	15.5
2020	522,527	213,002	73,351	103,420	65,358	67,395	40.8	14.0	19.8	12.5	12.9
2021	631,612	241,643	90,435	123,252	64,554	111,727	38.3	14.3	19.5	10.2	17.7
2022	779,147	275,779	105,537	150,890	69,352	177,588	35.4	13.5	19.4	8.9	22.8

Canadian Imports
(Millions of dollars)

	<i>Total imports</i> ²						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	601,962	316,418	52,788	137,501	80,004	15,252	52.6	8.8	22.8	13.3	2.5
2020	543,620	278,525	42,474	132,399	79,170	11,054	51.2	7.8	24.4	14.6	2.0
2021	616,260	310,449	52,317	157,471	81,377	14,647	50.4	8.5	25.6	13.2	2.4
2022	739,775	364,181	64,773	193,901	95,344	21,577	49.2	8.8	26.2	12.9	2.9

Total Canadian Trade
(Millions of dollars)

	<i>Total exports and imports</i>						<i>Share of Total (%)</i>				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	1,194,045	549,317	140,609	247,315	149,531	107,273	46.0	11.8	20.7	12.5	9.0

2020	1,066,147	491,527	115,825	235,819	144,528	78,449	46.1	10.9	22.1	13.6	7.4
2021	1,247,872	552,092	142,752	280,723	145,930	126,374	44.2	11.4	22.5	11.7	10.1
2022	1,518,922	639,960	170,310	344,790	164,696	199,165	42.1	11.2	22.7	10.8	13.1

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, 2013-2022**Canadian Exports to the U.S.**

(Millions of dollars)

	Total exports ¹						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	446,078	225,286	85,604	22,127	21,081	91,980	50.5	19.2	5.0	4.7	20.6
2020	382,882	207,173	71,623	14,926	21,804	67,356	54.1	18.7	3.9	5.7	17.6
2021	476,248	234,447	87,602	22,930	19,573	111,696	49.2	18.4	4.8	4.1	23.5
2022	599,777	268,720	102,770	31,585	19,151	177,551	44.8	17.1	5.3	3.2	29.6

Canadian Imports from the U.S.

(Millions of dollars)

	Total imports ²						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	305,267	208,295	41,888	18,769	21,757	14,558	68.2	13.7	6.1	7.1	4.8
2020	265,538	188,968	34,517	11,821	19,740	10,492	71.2	13.0	4.5	7.4	4.0
2021	299,714	208,225	42,070	14,386	21,111	13,922	69.5	14.0	4.8	7.0	4.6
2022	363,132	243,136	51,365	23,713	24,330	20,588	67.0	14.1	6.5	6.7	5.7

Total Canada-U.S. Trade

(Millions of dollars)

	Total exports and imports						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	751,345	433,581	127,492	40,896	42,838	106,538	57.7	17.0	5.4	5.7	14.2

2020	648,420	396,141	106,140	26,747	41,544	77,848	61.1	16.4	4.1	6.4	12.0
2021	775,963	442,672	129,672	37,316	40,684	125,618	57.0	16.7	4.8	5.2	16.2
2022	962,910	511,856	154,135	55,298	43,481	198,139	53.2	16.0	5.7	4.5	20.6

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, 2013-2022**Canadian Exports to Other Countries (excluding the U.S.)**

(Millions of dollars)

	Total exports ¹						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	146,004	7,613	2,216	87,687	48,446	41	5.2	1.5	60.1	33.2	0.0
2020	139,645	5,829	1,728	88,494	43,555	39	4.2	1.2	63.4	31.2	0.0
2021	155,364	7,196	2,833	100,322	44,981	31	4.6	1.8	64.6	29.0	0.0
2022	179,370	7,059	2,767	119,305	50,201	37	3.9	1.5	66.5	28.0	0.0

Canadian Imports from Other Countries (excluding the U.S.)

(Millions of dollars)

	Total imports ²						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
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	296,696	108,123	10,901	118,731	58,247	694	36.4	3.7	40.0	19.6	0.2
2020	278,082	89,556	7,957	120,577	59,429	562	32.2	2.9	43.4	21.4	0.2
2021	316,546	102,224	10,247	143,085	60,265	724	32.3	3.2	45.2	19.0	0.2
2022	376,643	121,045	13,408	170,188	71,014	989	32.1	3.6	45.2	18.9	0.3

Total Canada-Other Countries Trade

(Millions of dollars)

	Total exports and imports						Share of Total (%)				
	<i>All Modes</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>	<i>Road</i>	<i>Rail</i>	<i>Marine</i>	<i>Air</i>	<i>Other</i>
2,013	341,897	77,830	9,711	164,512	81,985	7,858	22.8	2.8	48.1	24.0	2.3
2,014	355,752	89,105	11,566	167,998	82,784	4,299	25.0	3.3	47.2	23.3	1.2
2,015	372,702	99,706	12,495	169,997	87,803	2,701	26.8	3.4	45.6	23.6	0.7
2,016	377,633	101,388	11,732	172,574	87,418	4,522	26.8	3.1	45.7	23.1	1.2
2,017	405,074	108,436	13,786	188,652	92,913	1,287	26.8	3.4	46.6	22.9	0.3
2,018	437,742	111,457	13,295	213,432	98,331	1,226	25.5	3.0	48.8	22.5	0.3
2,019	442,700	115,736	13,117	206,419	106,693	736	26.1	3.0	46.6	24.1	0.2

2,020	417,727	95,385	9,685	209,072	102,984	601	22.8	2.3	50.0	24.7	0.1
2,021	471,909	109,420	13,080	243,407	105,246	756	23.2	2.8	51.6	22.3	0.2
2,022	556,013	128,104	16,175	289,492	121,215	1,026	23.0	2.9	52.1	21.8	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, 2021-2022

(Millions of dollars)

<i>Canadian Region</i>	<i>U.S. Region¹</i>	<i>Exports from Canada</i>	<i>Imports to Canada</i>	<i>Total Trade 2022^P</i>	<i>Ranking</i>	<i>Total Trade 2021^R</i>	<i>Percentage Change 2022/21</i>	<i>Share of Total (%) 2022</i>	<i>Main Modes Used (Per cent of total value) 2022^P</i>
Ontario	Central	96,143	104,607	200,750	1	169,589	18.4	20.9	Road (75), Rail (19)
Alberta	Central	105,904	13,412	119,316	2	75,028	59.0	12.4	Pipeline (88), Rail (7)
Ontario	South	49,251	62,334	111,584	3	90,503	23.3	11.6	Road (71), Rail (19)
Ontario	North-East	40,236	41,720	81,956	4	74,572	9.9	8.5	Road (86), Air (6)
Ontario	West	32,673	20,527	53,201	5	54,218	-1.9	5.5	Road (62), Rail (25)
Quebec	South	25,454	16,855	42,310	6	33,221	27.4	4.4	Road (43), Marine (32)
Manitoba and	Central	21,576	19,838	41,414	7	30,437	36.1	4.3	Road (56), Rail (25)
Alberta	West	34,655	6,582	41,237	8	32,046	28.7	4.3	Pipeline (49), Road (23)
Quebec	North-East	30,399	9,568	39,967	9	34,179	16.9	4.2	Road (72), Rail (8)
British Columbia	West	22,348	15,918	38,267	10	30,984	23.5	4.0	Road (59), Pipeline (25)
Alberta	South	31,556	5,362	36,918	11	27,651	33.5	3.8	Pipeline (52), Rail (30)
Quebec	Central	19,688	4,932	24,621	12	21,430	14.9	2.6	Road (61), Rail (20)
Atlantic provinces	North-East	19,449	2,648	22,097	13	17,992	22.8	2.3	Marine (60), Road (29)
Manitoba and	South	10,149	10,154	20,303	14	16,294	24.6	2.1	Road (57), Rail (26)
Atlantic provinces	South	7,430	8,108	15,538	15	11,450	35.7	1.6	Marine (71), Road (20)
Alberta	North-East	11,373	1,007	12,380	16	6,969	77.6	1.3	Pipeline (70), Rail (16)
British Columbia	Central	7,004	4,966	11,970	17	9,481	26.3	1.2	Road (48), Rail (30)
Manitoba and	West	10,232	1,548	11,780	18	7,907	49.0	1.2	Rail (40), Road (27)
British Columbia	South	5,369	4,033	9,402	19	7,950	18.3	1.0	Road (51), Rail (26)
Quebec	West	6,280	2,406	8,686	20	7,802	11.3	0.9	Road (61), Air (24)
Manitoba and	North-East	2,499	2,164	4,663	21	3,382	37.9	0.5	Road (64), Rail (28)
British Columbia	North-East	2,393	1,477	3,870	22	3,398	13.9	0.4	Road (63), Rail (23)
Ontario	Other	2,363	1,500	3,863	23	3,736	3.4	0.4	Pipeline (56), Air (22)
Atlantic provinces	Central	2,161	614	2,775	24	2,298	20.8	0.3	Road (74), Rail (19)
Atlantic provinces	West	1,155	193	1,348	25	1,040	29.5	0.1	Road (46), Marine (36)
Quebec	Other	736	262	997	26	948	5.2	0.1	Pipeline (65), Road (19)
British Columbia	Other	283	194	477	27	423	12.8	0.0	Pipeline (83), Marine (15)
Alberta	Other	331	3	334	28	312	7.1	0.0	Pipeline (98), Air (1)
Territories	West	185	36	220	29	203	8.7	0.0	Road (98), Air (2)
Manitoba and	Other	141	40	181	30	155	17.1	0.0	Pipeline (77), Road (22)
Atlantic provinces	Other	149	25	173	31	130	33.2	0.0	Marine (87), Air (9)
Territories	South	0	17	17	32	1	1368.6	0.0	Road (97), Air (3)
Territories	Central	5	9	15	33	9	56.4	0.0	Road (100), Rail (0)
Total Canada/U.S.		599,571	363,060	962,631		775,738	24.1	100.0	Road (53), Pipeline (21)

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

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

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

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

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

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

Table EC9: Canada's Exports and Imports, by Origin, Destination and Mode of Transport, 2022

(Millions of dollars)

<i>Total Exports¹</i> <i>Regions of Destination</i>	<i>Origin³</i>		<i>Total</i> <i>2022^P</i>	<i>Main Modes Used</i> <i>(per cent of total value)</i>
	<i>Eastern</i> <i>Provinces</i>	<i>Western</i> <i>Provinces</i>		
United States	333,727	266,051	599,777	Road (45), Pipeline (30)
Other Regions	96,609	82,761	179,370	Road (35), Pipeline (23)
Asia	25,642	53,022	78,664	Marine (85), Air (14)
Western Europe	48,694	10,800	59,494	Air (52), Marine (48)
Latin America	10,678	11,074	21,753	Marine (56), Road (22)
Middle East	4,913	2,337	7,250	Marine (61), Air (27)
Africa	1,941	2,935	4,876	Marine (78), Air (21)
Oceania	2,212	1,735	3,947	Marine (41), Air (41)
Eastern Europe	2,456	843	3,299	Air (50), Marine (48)
Other	71	15	87	Marine (78), Air (22)
Total	430,336	348,811	779,147	

<i>Total Imports²</i> <i>Regions of Origin</i>	<i>Destination³</i>		<i>Total</i> <i>2022^P</i>	<i>Main Modes Used</i> <i>(Per cent of total value)</i>
	<i>Eastern</i> <i>Provinces</i>	<i>Western</i> <i>Provinces</i>		
United States	276,327	86,806	363,132	Road (67), Rail (14)
Other Regions	300,864	75,779	376,643	Road (49), Marine (26)
Asia	132,671	51,116	183,787	Marine (51), Road (33)
Western Europe	78,372	11,192	89,563	Marine (48), Air (28)
Latin America	55,941	8,519	64,460	Road (50), Marine (19)
Middle East	10,858	932	11,790	Marine (69), Air (19)
Eastern Europe	9,223	1,226	10,449	Marine (61), Road (20)
Africa	7,703	463	8,166	Marine (56), Air (29)
Other	3,755	1,072	4,827	Road (65), Air (30)
Oceania	2,341	1,260	3,601	Marine (55), Road (23)
Total	577,191	162,585	739,775	

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, 2021-2022

(Millions of dollars)

<i>Countries</i>	<i>Total Exports</i>	<i>Ranking</i>	<i>Total Imports</i>	<i>Ranking</i>	<i>Total Trade 2022^P</i>	<i>Ranking</i>	<i>Country Share in %</i>	<i>Cumulative Share in %</i>	<i>Total Trade 2021^R</i>	<i>Percentage Change 2022/2021</i>
United States	599,777	1	363,132	1	962,910	1	63.4	63.4	775,963	24.1
China	28,690	2	100,205	2	128,895	2	8.5	71.9	114,059	13.0
Mexico	9,081	5	40,601	3	49,682	3	3.3	75.2	42,050	18.1
Japan	17,986	4	17,100	5	35,086	4	2.3	77.5	29,961	17.1
Germany	7,514	7	22,505	4	30,019	5	2.0	79.4	25,972	15.6
United Kingdom	18,493	3	8,664	10	27,157	6	1.8	81.2	24,367	11.5
South Korea	8,659	6	13,225	6	21,884	7	1.4	82.7	16,731	30.8
Italy	2,857	19	12,130	8	14,987	8	1.0	83.7	13,140	14.1
Vietnam	902	36	12,858	7	13,760	9	0.9	84.6	10,497	31.1
India	5,341	9	8,332	12	13,673	10	0.9	85.5	9,027	51.5
Brazil	4,050	11	8,505	11	12,555	11	0.8	86.3	9,755	28.7
Taiwan	2,577	20	9,456	9	12,033	12	0.8	87.1	10,276	17.1
Netherlands	6,476	8	5,407	15	11,883	13	0.8	87.9	8,724	36.2
France	3,941	12	7,767	13	11,708	14	0.8	88.6	11,156	4.9
Switzerland	3,642	14	7,445	14	11,088	15	0.7	89.4	8,736	26.9
Belgium	4,840	10	4,532	18	9,371	16	0.6	90.0	8,825	6.2
Spain	3,043	18	3,755	23	6,799	17	0.4	90.4	6,140	10.7
Thailand	1,228	30	5,207	16	6,434	18	0.4	90.8	4,994	28.9
Indonesia	3,252	16	2,892	26	6,144	19	0.4	91.3	4,224	45.5
Australia	3,135	17	2,657	28	5,791	20	0.4	91.6	4,572	26.7
Peru	1,532	23	4,183	19	5,715	21	0.4	92.0	5,066	12.8
Malaysia	1,517	25	4,156	20	5,672	22	0.4	92.4	4,825	17.6
Saudi Arabia	1,289	27	3,770	22	5,059	23	0.3	92.7	4,575	10.6
Norway	3,871	13	1,075	45	4,946	24	0.3	93.0	4,112	20.3
Ireland	919	35	3,979	21	4,898	25	0.3	93.4	3,655	34.0
Other countries	34,534		66,237		100,772		6.6	100.0	86,472	16.5
Grand Total Trade	779,147		739,775		1,518,922		100.0		1,247,872	21.7
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, 2012–2022

		(Number of people)										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Transportation and related services	Scheduled air transportation	54,490	56,026	57,627	57,470	59,344	61,698	59,428	61,962	56,538	41,271	48,038
	Non-scheduled air transportation	12,085	12,301	12,323	12,760	12,137	11,674	11,646	12,698	12,059	11,787	12,896
	Support activities for air transportation	28,050	28,201	29,722	30,775	30,916	31,447	32,192	32,700	26,387	25,573	29,406
Sub-total for Air		94,625	96,528	99,672	101,005	102,397	104,819	103,266	107,360	94,984	78,631	90,340
Marine shipping and support activities¹		18,967	22,745	23,846	21,699	22,594	21,747	25,366	25,931	24,705	23,038	28,407
	Rail transportation	38,095	37,607	37,073	37,456	37,437	37,203	36,889	35,744	35,268	37,946	40,060
	Support activities for rail transportation	2,620	2,947	3,727	4,039	4,370	3,479	3,913	3,989	4,165	4,321	4,754
Sub-total for Rail		40,715	40,554	40,800	41,495	41,807	40,682	40,802	39,733	39,433	42,267	44,814
	Truck transportation	182,446	189,381	192,924	195,965	195,841	200,821	206,137	208,495	193,791	205,286	211,521
	Support activities for road transportation	22,864	23,615	24,134	24,707	26,614	27,169	28,002	28,610	29,014	29,619	30,455
	Post office plus private couriers and messengers ¹	122,898	117,681	108,672	107,673	110,238	106,665	120,888	126,043	124,127	138,314	143,144
	Waste collection ²	12,373	12,849	13,953	15,110	15,702	16,631	19,191	19,443	17,642	18,868	19,881
Sub-total for Trucking and related activities²		340,581	343,526	339,683	343,455	348,395	351,286	374,218	382,591	364,574	392,087	405,001
	Urban transit systems	59,540	61,309	60,918	61,396	63,124	62,159	63,154	65,317	63,688	63,165	66,270
	School and employee bus transportation	32,230	32,825	33,487	33,433	33,779	34,645	35,331	35,906	30,528	31,507	31,260
	Interurban and rural bus transportation	5,138	5,657	4,974	4,915	4,865	4,284	4,066	3,741	3,134	2,930	2,882
	Charter bus industry	5,030	5,172	4,945	4,899	4,965	5,239	5,590	5,687	3,093	3,098	4,134
	Other transit and ground passenger transportation	5,097	5,203	5,628	5,984	5,890	6,649	6,475	6,193	4,979	5,209	5,433
Sub-total for Buses and urban transit		107,035	110,166	109,952	110,627	112,623	112,976	114,616	116,844	105,422	105,909	109,979
	Taxi and limousine service	11,880	11,727	11,708	11,425	10,994	11,010	10,492	10,749	7,446	7,121	7,494
	Logistics and other freight support services	39,065	39,333	40,817	41,714	42,214	41,517	43,448	45,054	40,940	43,218	46,435
	Travel arrangement and sightseeing services ³⁺²	39,060	38,740	39,442	40,619	38,505	40,661	37,624	40,968	27,551	24,041	31,324
Sub-total for Arrangement and other support services²		90,005	89,800	91,967	93,758	91,713	93,188	91,564	96,771	75,937	74,380	85,253
	Self-employment ¹	145,436	156,426	174,988	179,591	177,614	171,600	170,074	200,223	202,804	198,276	184,843
TOTAL - Transportation and related services		837,364	859,745	880,908	891,630	897,143	896,298	919,906	969,453	907,859	914,588	948,637
<i>NAICS Transportation and warehousing employment not included above:³</i>		<i>49,546</i>	<i>46,459</i>	<i>39,765</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>78,759</i>	<i>80,906</i>
Transportation manufacturing, commercial services and construction												
	Aerospace product and parts manufacturing	46,440	47,613	49,303	47,259	45,683	43,980	46,540	51,349	47,421	44,700	46,220
	Ship and boat building	6,457	6,480	6,482	6,876	7,233	7,872	8,128	8,252	7,879	8,823	9,357
	Railroad rolling stock manufacturing	3,703	3,354	3,461	4,150	3,889	3,771	3,545	4,358	4,026	3,758	3,624
	Motor vehicle manufacturing	37,207	38,880	40,161	41,417	43,209	43,673	44,122	44,277	36,660	36,188	37,365
	Parts and other motor vehicle manufacturing	77,980	78,534	81,339	83,987	83,666	87,266	92,851	90,356	80,567	85,437	88,281
	Other transportation equipment manufacturing	6,535	7,114	6,415	7,434	8,221	9,099	9,914	10,541	8,070	9,220	10,589
Sub-total for Transportation equipment manufacturing		178,322	181,975	187,161	191,123	191,901	195,661	205,100	209,133	184,623	188,126	195,436
	Motor vehicle wholesalers	62,031	62,404	63,801	65,047	63,300	62,319	63,476	65,035	59,061	60,651	62,078
	Motor vehicle retailers	189,159	196,118	204,593	207,295	210,853	215,736	222,013	226,409	195,509	206,133	212,502
	Transport equipment rental and leasing ⁴	25,043	26,038	27,064	28,065	27,613	28,123	28,268	29,069	21,919	22,385	24,268
	Gasoline stations	78,885	78,536	80,838	81,642	82,565	84,048	84,704	83,269	77,048	79,480	81,070
	Automotive repair and maintenance	96,657	98,120	101,628	104,485	106,024	108,517	111,572	113,787	100,858	106,587	111,358
Sub-total for Transportation-related commercial services		451,775	461,216	477,924	486,534	490,355	498,743	510,033	517,569	454,395	475,236	491,276
	Highway, street and bridge construction	59,563	57,812	56,302	54,850	54,441	53,301	53,937	54,771	51,872	54,734	55,577
TOTAL - Transportation manufacturing, commercial services and		689,660	701,003	721,387	732,507	736,697	747,705	769,070	781,473	690,890	718,096	742,289

Notes: NAICS = North American Industry Classification System

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

1 Transport Canada estimate.

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

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

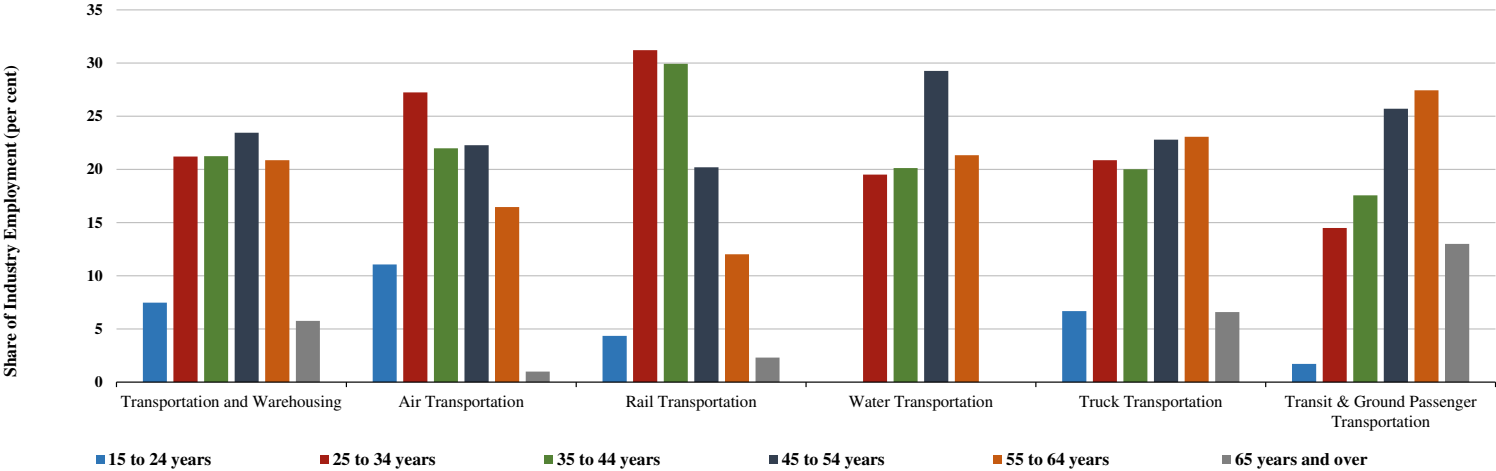
4 Transport Canada estimate of transportation equipment segment of this industry.

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

Figure EC 15: Labour in Transportation Modes in Canada, by Age Range, 2022

By age group	Transportation and Warehousing	Air Transportation	Rail Transportation	Water Transportation	Truck Transportation	Transit & Ground Passenger Transportation
15 to 24 years	7.5	11.1	4.3	N/A	6.7	1.7
25 to 34 years	21.2	27.2	31.2	19.5	20.9	14.5
35 to 44 years	21.2	22.0	29.9	20.1	20.0	17.6
45 to 54 years	23.4	22.3	20.2	29.3	22.8	25.7
55 to 64 years	20.9	16.5	12.0	21.3	23.1	27.4
65 years and over	5.8	1.0	2.3	N/A	6.6	13.0

Figure EC 15: Labour in Transportation Modes in Canada, by Age Range, 2022



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

Table EC16: Average weekly earnings¹ by selected industries, 2012–2022

	(Current Dollars)										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Transportation and Warehousing²	928	969	1,001	1,028	1,010	1,035	1,035	1,091	1,158	1,173	1,222
Air transportation	1,070	1,107	1,114	1,208	1,074	1,169	1,084	1,226	1,269	1,446	1,487
Scheduled air transportation	1,063	1,097	1,100	1,199	1,065	1,163	1,064	1,217	1,267	1,461	1,504
Non-scheduled air transportation	1,100	1,150	1,181	1,247	1,122	1,198	1,187	1,268	1,279	1,392	1,424
Support activities for air transportation	1,153	1,207	1,199	1,247	1,232	1,271	1,282	1,312	1,360	1,542	1,629
Marine transportation											
Marine	N/A	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	1,641
Rail transportation											
Rail transportation	1,369	1,353	1,308	1,496	1,415	1,490	1,375	1,682	1,809	1,685	1,758
Support activities for rail transportation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,419	N/A
Truck transportation	903	916	961	947	932	956	1,007	1,050	1,095	1,100	1,215
General freight trucking	859	867	892	885	895	918	966	1,016	1,069	1,079	1,190
Specialized freight trucking	961	982	1,050	1,032	983	1,011	1,067	1,101	1,135	1,132	1,255
Support activities for road transportation	853	893	928	879	883	917	1,002	1,027	1,067	1,088	1,152
Postal service	N/A	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	844
Waste collection	883	905	925	949	1,002	992	1,040	1,070	1,218	1,313	1,305
Buses and urban transit											
Urban transit systems	982	1,143	1,268	1,315	1,330	1,306	1,206	1,327	1,424	1,462	1,430
Interurban and rural bus transportation	N/A	N/A	N/A	N/A	903	1,049	N/A	N/A	N/A	N/A	N/A
School and employee bus transportation	522	523	545	551	539	517	546	595	645	676	657
Charter bus industry	589	N/A	N/A	N/A	N/A	624	N/A	N/A	N/A	689	696
Other transit and ground passenger transportation	N/A	N/A	N/A	556	585	578	578	584	621	N/A	N/A
Other transport-related industries											
Taxi and limousine service	439	430	N/A	473	459	472	N/A	N/A	N/A	603	673
Freight transportation arrangement	965	996	1,021	1,000	1,018	1,020	1,102	1,158	1,184	1,217	1,252
Other support activities for transportation	N/A	848	N/A	N/A	895	887	1,003	1,030	N/A	1,081	1,147
Travel arrangement and reservation services	771	735	764	N/A	837	856	858	940	936	1,034	1,046
Scenic and sightseeing transportation	N/A	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	1,031
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	1,592
Pipeline transportation	N/A	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	1,093
Transit and ground passenger transportation	767	847	915	948	955	935	894	976	1,091	1,119	1,107

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

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

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

Table EC17: Labour Actions in the Transport Sector, by mode, 2013–2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Number of Stoppages										
Air ¹	2	2	1	0	2	0	2	1	0	0
Marine ¹⁺²	0	0	5	2	2	2	2	4	6	4
Rail ¹	0	0	3	0	0	1	3	0	0	2
Truck	0	1	4	2	0	2	2	0	0	0
Bus/transit ³	3	3	1	7	1	3	4	2	2	3
Taxi/limousine	0	1	1	0	0	0	0	0	1	0
Other ⁴	0	1	2	0	0	2	2	0	0	2
Total	5	8	17	11	5	10	15	7	9	11
Number of Workers Involved										
Air ¹	110	475	56	0	730	0	84	71	0	0
Marine ¹⁺²	0	0	285	250	54	84	61	1,360	1,335	404
Rail ¹	0	0	4,137	0	0	3,200	3,681	0	0	838
Truck	0	60	256	138	0	155	148	0	0	0
Bus/transit ³	168	549	48	615	602	564	208	771	427	2,332
Taxi/limousine	0	22	240	0	0	0	0	0	5	0
Other ⁴	0	15	119	0	0	50,500	39	0	0	253
Total	278	1,121	5,141	1,003	1,386	54,503	4,221	2,202	1,767	3,827
Person-days Not Worked										
Air ¹	14,980	25,280	40	0	41,090	0	160	1,700	0	0
Marine ¹⁺²	0	0	3,910	27,330	540	8,280	4,553	29,678	6,420	18,380
Rail ¹	0	0	22,990	0	0	3,200	25,164	0	0	14,380
Truck	0	10,260	14,770	1,730	0	420	162	0	0	0
Bus/transit ³	1,180	9,570	240	4,830	1,810	3,770	4,000	10,380	3,275	18,010
Taxi/limousine	0	770	21,590	0	0	0	0	0	430	0
Other ⁴	0	80	3,710	0	0	142,680	2,210	0	0	3,460
Total	16,160	45,960	67,250	33,890	43,440	158,350	36,249	41,758	10,125	54,230

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, 2013–2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	<i>Per cent change</i>		
											2019/20	2020/21	2021/22
WTI (Cushing, Oklahoma) \$US/Bbl	97.98	93.00	48.80	43.32	50.95	64.77	57.02	39.40	67.91	94.23	(30.9)	72.4	38.7
WTI (Cushing, Oklahoma) \$CDN/Bbl	100.89	102.68	62.29	57.36	66.06	83.91	75.65	52.79	85.11	122.55	(30.2)	61.2	44.0
Brent (UK) \$US/Bbl	108.52	99.51	53.64	45.04	54.83	71.53	64.17	43.21	70.79	98.89	(32.7)	63.8	39.7
Brent (UK) \$CDN/Bbl	111.74	109.87	68.46	59.63	71.09	92.68	85.13	57.90	88.71	128.62	(32.0)	53.2	45.0
Western Canada Select \$CDN/Bbl	74.93	81.06	44.83	38.89	50.24	52.34	58.77	35.59	68.73	98.51	(39.4)	93.1	43.3
Hardisty (Bow River) \$CDN/Bbl	76.16	81.67	45.35	39.22	50.85	53.11	59.10	35.92	69.04	98.83	(39.2)	92.2	43.2
Exchange Rate \$US/\$Cdn	0.97	0.91	0.78	0.76	0.77	0.77	0.75	0.75	0.80	0.77	(1.0)	6.9	(3.6)

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

Source: Sproule Associates Limited

Table EC19: Retail Price of Regular Road Gasoline and Diesel For Selected Cities, 2013–2022

(Cents per litre)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Regular Gasoline										
St John's	129.9	131.4	109.6	114.5	125.2	127.1	134.1	106.9	146.4	184.6
Charlottetown	129.3	131.2	105.8	99.0	108.8	121.2	128.2	96.9	130.8	175.3
Halifax	131.2	131.1	105.9	99.1	108.4	119.0	118.2	92.5	129.0	169.5
Saint John	127.1	127.7	104.1	98.7	108.9	120.4	129.7	96.6	130.4	172.2
Montreal	137.9	137.5	115.7	108.0	119.0	131.9	128.0	106.4	136.8	179.2
Toronto	127.8	128.2	106.7	101.2	113.6	127.0	118.2	99.9	131.7	168.3
Winnipeg	120.5	117.5	97.1	92.5	97.7	113.1	120.0	93.8	125.9	171.0
Regina	120.1	120.7	100.4	92.0	98.8	114.4	117.7	97.0	127.4	166.3
Calgary	112.9	115.3	99.1	92.0	101.9	119.9	116.6	94.9	128.3	157.0
Vancouver	137.5	137.7	124.2	118.8	134.7	150.1	136.9	125.4	155.4	195.8
Canada	128.1	128.3	108.8	102.8	114.6	128.8	123.1	103.1	135.0	172.9
Road Diesel										
St John's	138.5	139.9	115.7	108.4	121.6	138.3	122.0	108.8	145.8	220.8
Charlottetown	137.7	141.2	114.0	103.1	113.8	132.2	114.8	102.7	133.5	214.3
Halifax	132.5	133.9	105.2	94.1	104.5	121.8	114.1	90.8	123.0	200.1
Saint John	135.5	137.2	111.1	101.9	112.5	129.3	118.1	102.1	131.5	211.8
Montreal	138.9	139.9	116.6	103.1	112.4	131.7	125.7	107.9	127.4	210.1
Toronto	125.8	130.7	107.8	93.8	107.9	125.6	117.4	100.8	126.9	195.7
Winnipeg	124.7	131.9	100.5	92.7	103.3	121.2	109.1	104.2	126.9	192.3
Regina	123.2	132.4	99.9	90.9	101.3	119.5	110.6	100.1	125.3	186.4
Calgary	118.5	127.7	99.6	90.5	106.0	126.2	105.7	98.6	123.8	175.9
Vancouver	141.9	145.7	122.1	111.9	121.0	139.7	149.2	114.5	145.8	212.6
Canada	128.5	134.1	109.2	97.7	110.2	128.8	120.9	103.8	130.2	198.2

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, 2013–2022

(Cents per litre)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Jet Fuel (Turbo) ¹	79.56	78.71	51.53	43.72	53.57	69.08	65.82	39.03	61.41	115.78
Aviation Gasoline ²	119.27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marine Bunker ³	81.76	88.40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rail Diesel (Proxy) ⁴	86.02	85.87	60.19	51.30	60.88	75.67	71.99	48.24	72.40	131.69

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

1 U.S. Gulf Coast spot price converted to Canadian dollars.

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

3 New York Harbor Residual Fuel Oil 1.0 % Sulfur LP Spot Price CIF, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.

4 FOB Spot Price of No 2 Diesel Ultra-Low Sulfur Spot Price in New York Harbour, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.

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

Table EC21: Price and Output Indicators, Transport Industries, 2013-2021

	Price Changes			(Annual per					Output Changes			(Annual per				
	cent change)			cent change)					cent change)			cent change)				
	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2019/18	2020/19	2021/20	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2019/18	2020/19	2021/20
CN and CP																
Agriculture	0.8	3.4	(1.8)	2.9	3.9	3.9	4.5	0.4	21.3	1.4	(2.8)	3.9	2.9	1.8	1.8	15.3
Other Bulk	5.6	2.6	0.8	2.1	5.5	5.5	4.5	(4.4)	(7.3)	(1.9)	2.3	0.1	1.0	-2.8	-2.8	-1.7
Other Commodities	7.2	2.9	(0.2)	0.9	7.7	7.7	4.7	(3.8)	8.0	(2.3)	(9.1)	9.2	7.6	1.2	1.2	-8.7
Intermodal	2.9	(3.6)	0.2	0.9	(0.2)	(0.2)	4.3	(6.4)	4.5	3.1	(1.2)	9.5	8.3	-1.7	-1.7	6.1
Total Transportation Activities	4.5	1.1	(0.2)	1.5	4.1	4.1	4.5	(3.5)	6.2	(0.1)	(3.9)	6.6	6.1	-0.2	-0.2	0.4
Airline Industry																
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	4.7	3.0	6.6	7.0	7.1	9.9	11.7	5.7	2.1	2.2	-72.2
Freight	(4.6)	1.1	(11.2)	(2.7)	16.2	16.2	(5.6)	81.7	9.0	(1.4)	13.0	24.6	7.2	-4.0	-3.9	-52.2
Total Transportation Activities	(0.4)	(3.4)	(7.0)	0.5	5.0	4.7	3.0	6.6	7.1	6.8	10.0	12.1	5.8	1.8	1.9	-71.4
Business Carriers¹																
Freight	4.1	1.1	(0.7)	1.3	4.5	4.5	3.9	3.6	6.3	(0.2)	(3.2)	7.5	6.4	-0.4	-0.4	-7.0
Passenger	(0.4)	(3.7)	(7.4)	0.5	4.7	4.7	3.0	6.6	7.0	7.1	9.9	11.7	5.7	2.1	2.2	-72.2
Total Transportation Activities	1.6	(1.6)	(4.6)	0.8	4.6	4.6	3.4	5.1	6.7	3.8	4.0	9.9	6.0	1.0	1.1	-45.4
VIA Rail																
Corridor	6.9	3.8	6.5	11.6	4.8	11.9	4.7	0.2	(1.4)	1.2	(0.8)	2.3	6.7	2.4	6.7	6.6
Long Haul	7.9	13.0	16.5	(4.3)	16.3	(5.5)	16.2	(3.2)	(5.1)	(4.2)	7.2	21.0	(16.8)	21.0	(16.8)	(0.1)
Remote-Regional	7.5	1.3	(10.9)	(0.7)	(0.2)	(1.9)	(0.3)	1.2	(29.9)	12.8	11.4	(26.5)	(26.0)	(26.5)	(26.0)	71.0
Total Transportation Activities	7.1	5.6	8.2	7.4	7.3	7.3	7.1	(0.5)	(2.9)	0.3	1.1	6.0	0.4	6.0	0.5	5.7
Transit																
Passenger	3.0	3.4	2.3	(1.4)	(1.7)	2.4	4.6	(6.0)	1.0	(0.5)	(1.3)	3.7	2.6	1.8	1.8	-54.0
Public Carriers																
Total Transportation Activities	3.3	3.5	2.7	(0.8)	(1.0)	2.8	4.2	8.8	0.8	(0.5)	(1.2)	3.9	2.5	2.1	2.1	-57.7
All Carriers Listed Above																
Total Transportation Activities	1.8	(1.0)	(3.7)	0.6	3.9	4.4	3.5	5.4	5.9	3.3	3.3	9.1	5.6	1.2	1.2	-46.8
Overall Economy	2.0	(0.9)	0.8	2.4	1.9	1.7	2.7	3.7	2.9	0.6	0.8	3.6	2.3	1.8	2.8	3.8

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 EC22: Efficiency Indicators, Transport Industries, 2013-2021

	Productivity (Annual per cent change)								Unit Costs (Annual per cent change)							
	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2019/18	2020/19	2021/20	2014/13 ^R	2015/14 ^R	2016/15 ^R	2017/16 ^R	2018/17	2019/18	2020/19	2021/20
CN and CP																
Labour	(0.1)	3.6	6.4	3.2	(3.4)	(3.0)	2.4	5.5	(0.1)	(17.4)	(3.7)	(6.3)	5.4	17.2	(1.3)	(4.7)
Fuel	1.2	4.0	3.2	(0.9)	1.5	1.5	2.2	1.8	5.1	(29.5)	(14.2)	17.1	21.1	21.1	(7.1)	3.3
Capital	4.6	(6.2)	(5.9)	3.7	2.0	1.9	(7.3)	(5.3)	(4.2)	1.9	5.7	(3.5)	(11.5)	(11.6)	3.3	27.9
Total	0.3	(2.8)	5.6	(0.4)	(0.3)	(0.2)	(4.1)	0.2	1.5	(8.3)	(6.0)	2.9	2.7	9.1	3.4	(3.1)
Airline Industry																
Labour	10.2	4.5	5.5	2.1	(4.4)	(3.7)	(3.0)	(33.0)	(5.9)	(0.3)	(5.9)	(3.9)	4.2	5.4	3.7	44.5
Fuel	1.7	3.9	1.9	1.2	(4.0)	0.0	1.2	(5.8)	(0.9)	(28.2)	(19.6)	14.6	7.9	26.5	(5.5)	0.4
Capital	1.1	(1.6)	(6.4)	6.2	(3.6)	4.3	(22.3)	(65.9)	1.0	11.1	15.1	(4.2)	(9.1)	(17.0)	31.0	27.9
Total	2.0	1.0	0.3	3.1	(2.6)	1.7	(6.8)	(35.9)	(0.7)	(5.8)	(2.3)	(0.1)	1.9	1.5	7.5	21.3
Business Carriers¹																
Labour	4.9	4.1	5.9	2.6	(4.0)	(3.4)	(0.7)	(15.8)	(3.0)	(8.9)	(4.9)	(4.9)	4.7	10.2	1.6	17.1
Fuel	1.4	2.9	(0.0)	0.1	(2.1)	0.6	1.3	23.6	0.7	(28.5)	(18.3)	15.2	11.2	25.2	(5.9)	1.5
Capital	2.5	(3.4)	(6.2)	5.4	(1.8)	3.6	(18.1)	(50.6)	(1.2)	7.4	11.7	(4.0)	(9.9)	(15.5)	22.1	27.9
Total	1.4	(0.3)	2.0	2.0	(1.9)	1.1	(6.0)	(23.2)	0.1	(6.7)	(3.5)	0.8	2.2	3.7	6.2	10.7
Via Rail																
Labour	(4.7)	1.0	(5.5)	2.5	(3.3)	(3.1)	(1.3)	(75.1)	(4.1)	10.7	0.8	2.5	6.9	6.8	(0.4)	364.3
Fuel	0.5	(3.3)	(1.4)	(0.1)	(2.0)	(1.8)	5.4	(52.1)	2.1	2.2	(15.8)	9.4	(5.8)	(5.9)	3.2	201.7
Capital	(4.2)	(0.5)	5.0	8.4	1.9	1.3	6.2	(78.1)	4.2	14.3	1.6	(2.6)	(7.0)	2.0	5.7	362.9
Total	(2.7)	(7.9)	(10.8)	8.4	(0.3)	0.3	(5.7)	(71.4)	(0.1)	14.8	9.9	(3.8)	1.2	2.6	8.6	276.8
Transit																
Labour	(5.0)	1.6	(1.5)	9.8	5.5	(0.3)	1.4	(47.4)	3.6	6.3	0.7	(2.6)	(0.6)	1.0	11.5	86.7
Fuel	(1.8)	0.5	(0.4)	20.2	5.7	2.3	(6.6)	(38.9)	3.3	(8.0)	(10.4)	(1.4)	4.0	6.5	(0.5)	42.2
Capital	(7.9)	(11.8)	(8.3)	(5.5)	(6.2)	(8.1)	(5.3)	(50.7)	6.4	7.7	6.7	0.6	4.1	8.5	4.8	106.2
Total	(5.7)	(4.3)	(4.0)	4.6	0.6	(3.8)	(1.7)	(49.0)	4.9	5.9	1.8	(1.6)	1.3	4.2	8.3	90.5
Total Transport																
Business Carriers	1.4	(0.3)	2.0	2.0	(1.9)	1.1	(6.0)	(23.2)	0.1	(6.7)	(3.5)	0.8	2.2	3.7	6.2	10.7
Public Carriers	(5.5)	(4.5)	(4.4)	4.8	0.6	(3.5)	(1.9)	(50.6)	4.6	6.4	2.3	(1.8)	1.3	4.1	8.3	97.9
Total	(0.6)	(1.6)	0.0	2.9	(1.2)	(0.2)	(4.8)	(34.5)	1.4	(3.1)	(1.8)	0.1	1.9	3.8	6.8	36.5

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

1 CN and CP, and the airline industry.

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

Table EC23: Cost Structure of Transport Industries, 2015-2021

(Percentage of Total Costs)																					
	2015 ^R	2016 ^R	2017 ^R	2018	2019	2020	2021	2015 ^R	2016 ^R	2017 ^R	2018	2019	2020	2021	2015 ^R	2016 ^R	2017 ^R	2018	2019	2020	2021
	Business Carriers ¹							Public Carriers							Total Carriers						
Variable	78.7	75.5	76.6	79.4	78.8	75.2	73.7	70.8	69.6	68.9	68.1	70.0	69.2	66.4	76.3	73.7	74.3	76.0	77.2	73.5	70.6
Labour	22.3	21.7	20.4	21.0	24.5	23.4	27.0	44.7	44.0	43.7	43.1	44.2	43.8	43.5	29.1	28.5	27.3	27.5	29.5	29.4	34.1
Fuel	19.8	17.0	19.4	21.1	23.2	20.5	17.2	5.9	5.1	5.2	5.3	4.9	4.9	3.7	15.6	13.4	15.2	16.4	17.5	16.0	11.4
Other	36.6	36.8	36.8	37.3	31.1	31.3	29.5	20.2	20.5	20.0	19.7	20.8	20.6	19.3	31.6	31.8	31.8	32.1	30.2	28.1	25.1
Capital	21.3	24.5	23.4	20.6	21.2	24.8	26.3	29.2	30.4	31.1	31.9	30.0	30.8	33.6	23.7	26.3	25.7	24.0	22.8	26.5	29.4

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, 2012-2021

	(millions of dollars)									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
CN and CP – Canadian Operations										
Operating Revenues	11,100	11,704	12,945	13,090	12,589	13,600	14,971	16,010	15,609	16,040
Operating Expenses	8,501	8,631	9,274	8,456	7,563	8,368	9,560	10,088	9,786	10,073
Operating Profit (Loss)	2,599	3,073	3,670	4,634	5,027	5,232	5,411	5,922	5,823	5,966
Operating Ratio ¹	76.6	73.7	71.6	64.6	60.1	61.5	64	63	63	63
Regional Railways²										
Operating Revenues	355	385	379	327	257	250	289	330	279	310
Operating Expenses	251	251	235	260	254	263	266	368	199	230
Operating Profit (Loss)	104	134	143	67	3	(13)	22	(38)	80	81
Operating Ratio ¹	70.6	65.1	62.2	79.5	98.7	105.3	92	112	71	74
Short Line Railways³										
Operating Revenues ^R	348	373	449	660	502	687	638	638	120	135
Operating Expenses ^R	313	326	422	552	473	593	580	556	185	125
Operating Profit (Loss) ^R	35	47	27	108	29	94	58	82	(65)	10
Operating Ratio ^{1R}	90.0	87.5	94.0	83.6	94.2	86.3	91	87	155	93
Air Canada and Affiliates										
Operating Revenues ^R	11,381	11,536	12,318	12,914	13,243	14,712	16,322	16,548	4,880	6,133
Operating Expenses ^R	10,813	10,782	11,319	11,245	11,884	13,163	14,807	15,016	4,391	8,286
Operating Profit (Loss) ^R	567	754	999	1669	1359	1549	1,515	1,532	489	(2,154)
Operating Ratio ^{1R}	95.0	93.5	91.9	87.1	89.7	89.5	91	91	90	135
WestJet										
Operating Revenues	3,427	3,662	3,977	4,029	4,123	4,507	4,733	5,147	1,690	1,700
Operating Expenses	3,052	3,263	3,501	3,460	3,683	4,074	4,534	4,756	2,424	2,476
Operating Profit (Loss)	376	400	475	570	440	433	199	391	(734)	(775)
Operating Ratio ¹	89.0	89.1	88.0	85.9	89.3	90.4	96	92	143	146
VIA Rail										
Operating Revenues	264	258	265	281	307	349	375	394	81	313
Operating Subsidies	279	308	317	280	268	265	273	281	416	371
Operating Expense	583	599	567	659	741	756	785	906	728	405
Operating Ratio ¹	220.6	231.7	214.0	234.7	241.3	216.7	209	230	901	129
Transit Industry										
Operating Revenues ^R	3,893	4,107	4,240	4,385	4,439	4,579	4,803	5,150	2,507	2,654
Operating Subsidies ^R	3,593	3,843	4,044	4,405	4,469	5,119	5,039	5,861	8,163	8,282
Total Costs ^R	9,565	10,083	10,592	11,262	11,564	12,070	12,810	14,207	14,516	16,016
Cost Recovery Ratio ^{4R}	40.7	40.7	40.0	38.9	38.4	37.9	37	36	17	17

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

1 Operating Expenses divided by Operating Revenues.

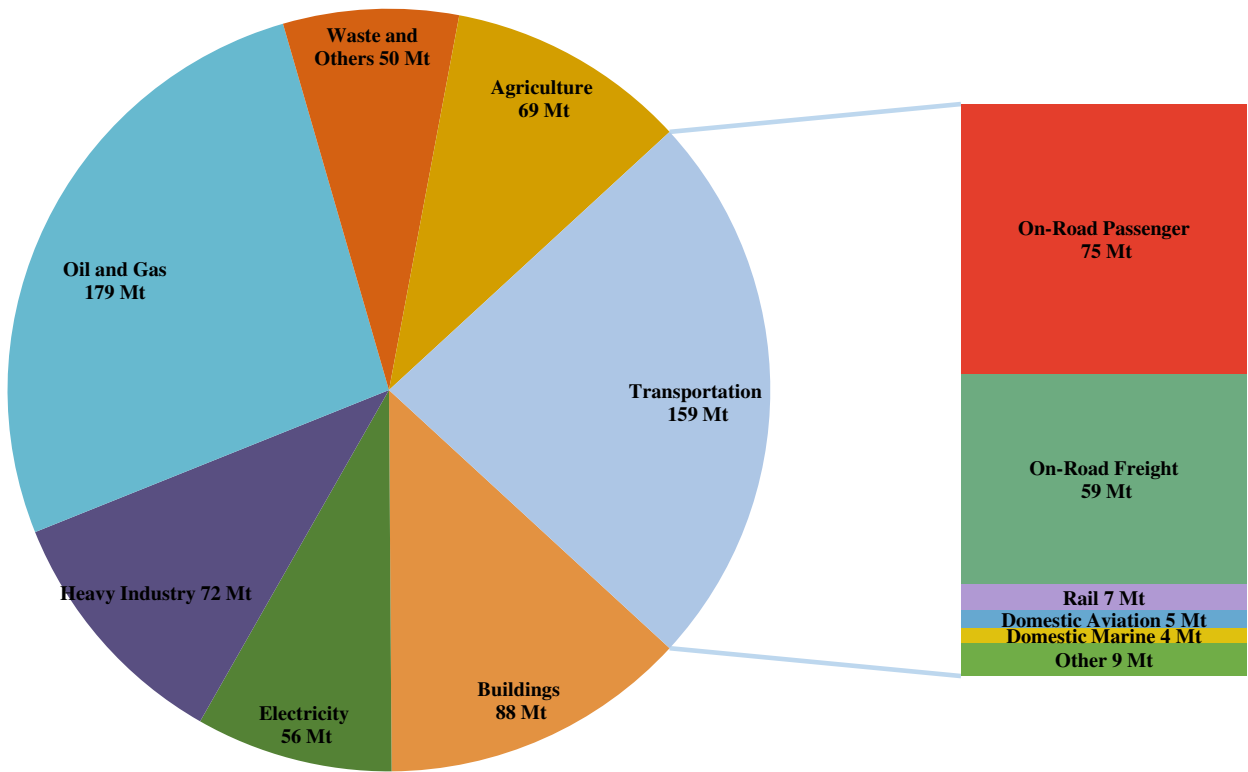
2 Ontario Northland, Algoma Central, QNSL and BC Rail and Canadian connectors to U.S. railroads.

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

4 Operating Revenues divided by Total Costs.

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

Figure EN1: Greenhouse Gas Emissions, by Economic Sector, 2020



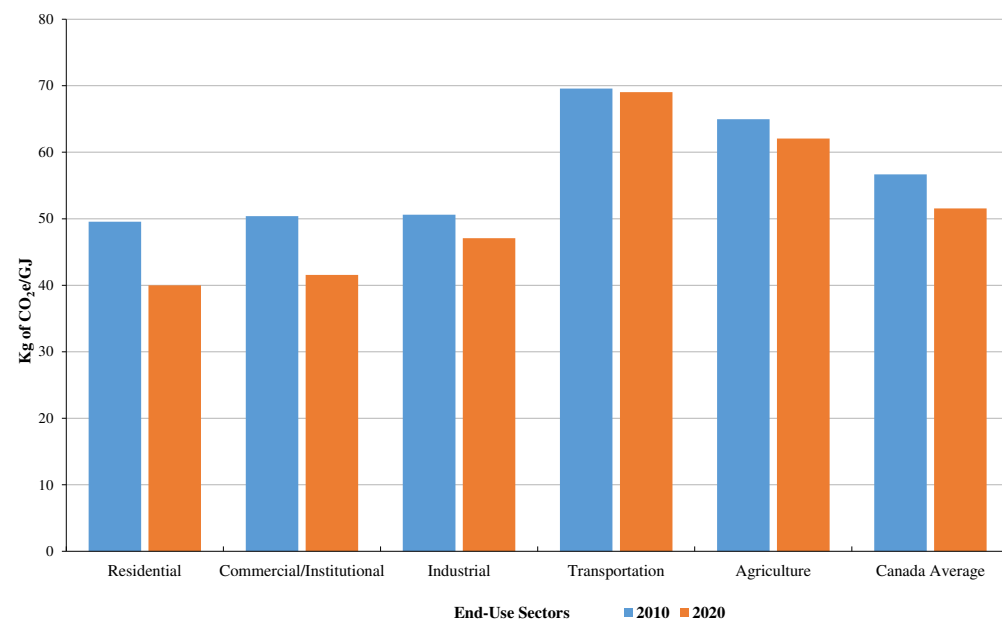
Note: Mt CO2e = Megatonnes of carbon dioxide equivalent. Totals may not add up due to rounding.

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
2020	88	56	72	179	50	69	75	59	7	5	4	9

Source: Environment and Climate Change Canada, National Inventory Report 1990-2020

Figure EN2: Greenhouse Gas Intensity of End-Use Sectors, 2010 and 2020



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

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 2000-2020

Greenhouse Gas Intensity of End-Use Sectors (Kg of CO₂e/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential	53.8	55.9	54.9	55.7	54.3	53.1	52.5	52.6	50.9	48.7	49.6	47.0	45.6	44.5	44.0	44.8	43.6	43.3	42.2	41.7	39.978389
Commercial/Institutional	55.6	57.5	56.5	57.6	55.9	54.5	53.7	54.1	52.0	49.5	50.4	47.8	46.6	45.7	45.3	46.0	44.9	44.5	42.9	42.9	41.544267
Industrial	50.6	52.5	50.7	51.7	50.0	49.8	50.0	50.9	50.4	49.1	50.6	49.7	49.0	47.7	47.1	48.0	48.3	48.2	47.9	48.1	47.07107
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	69.1	69.0	68.9	68.9	68.9	68.9	69.026872
Agriculture	66.5	67.3	66.9	67.3	66.7	66.4	66.2	66.4	65.7	64.0	65.0	64.0	63.2	63.0	63.3	63.6	63.6	63.7	63.2	62.6	62.066448
Canada Average	57.9	59.4	58.3	59.0	57.8	57.4	57.2	57.6	56.9	55.7	56.7	55.3	54.7	53.9	53.3	53.8	53.8	53.6	53.0	53.1	51.543856

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 2000-2020

Canada Average																					
Total Energy Use (PJ)	8,042	7,812	8,061	8,264	8,505	8,453	8,326	8,719	8,587	8,352	8,466	8,805	8,770	8,996	9,091	9,063	8,887	9,219	9,635	9,677	8,818
Total GHG emissions	466	464	470	488	491	485	477	502	488	465	480	487	480	485	484	488	478	494	511	514	455
Residential																					
Total Energy Use (PJ)	1,384	1,327	1,380	1,412	1,422	1,413	1,362	1,485	1,488	1,467	1,406	1,489	1,421	1,491	1,510	1,481	1,400	1,457	1,542	1,473	1,428
Total GHG emissions	75	74	76	79	77	75	72	78	76	72	70	70	65	66	66	66	61	63	65	61	57
Commercial/Institutional																					
Total Energy Use (PJ)	990	983	1,045	1,077	1,056	1,028	971	1,008	1,026	1,023	1,001	1,047	1,005	1,041	1,095	1,073	1,099	1,177	1,217	1,264	1,216
Total GHG emissions	55	57	59	62	59	56	52	55	53	51	50	50	47	48	50	49	49	52	52	54	50
Industrial																					
Total Energy Use (PJ)	3,167	3,023	3,140	3,203	3,368	3,299	3,297	3,421	3,280	3,121	3,203	3,386	3,440	3,495	3,552	3,580	3,455	3,564	3,738	3,778	3,518
Total GHG emissions	160	159	159	166	168	164	165	174	165	153	162	168	168	167	167	172	167	172	179	182	166
Transportation																					
Total Energy Use (PJ)	2,266	2,255	2,282	2,350	2,437	2,485	2,465	2,568	2,553	2,533	2,616	2,619	2,644	2,697	2,654	2,641	2,641	2,723	2,829	2,861	2,366
Total GHG emissions	160	160	161	166	172	175	173	180	178	177	182	182	183	187	183	182	182	188	195	197	163
Agriculture																					
Total Energy Use (PJ)	235	223	214	222	223	228	230	236	240	208	241	265	260	272	280	288	292	298	310	301	290
Total GHG emissions	16	15	14	15	15	15	15	16	16	13	16	17	16	17	18	18	19	19	20	19	18

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 2000-2020 (All Sector Table 2 and 3)

Table EN3: Transportation Energy Consumption, by Type and Mode, 2012–2021

		(Petajoules, except where indicated)									
		2012 ^R	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^R	2021 ^P
Overall final energy demand (all sectors and fuels)¹		7,920	8,137	8,220	8,209	8,128	8,431	8,809	8,880	7,948	8,167
Transportation²		2,537	2,594	2,553	2,533	2,528	2,608	2,699	2,724	2,127	2,222
<i>Transportation share of overall demand (per cent)</i>		<i>32.0</i>	<i>31.9</i>	<i>31.1</i>	<i>30.9</i>	<i>31.1</i>	<i>30.9</i>	<i>30.6</i>	<i>30.7</i>	<i>26.8</i>	<i>27.2</i>
Transportation subtotals by mode											
	Railways	97	94	96	91	84	96	98	99	92	90
	Airlines	239	249	246	252	257	281	318	319	143	153
	Marine	98	94	84	77	67	72	73	84	70	72
	Road transport and urban transit ³	443	427	435	414	376	376	393	370	317	340
	Retail pump sales	1,622	1,676	1,649	1,649	1,690	1,707	1,733	1,762	1,428	1,483
	Manufacturing/Commercial fleets	39	54	43	49	54	77	84	90	77	83
Transportation Demand: Breakdown by fuel and mode⁴											
Gasoline											
	Retail pump sales	1,330	1,362	1,340	1,369	1,424	1,432	1,453	1,481	1,189	1,222
	Road transport, urban transit and other fleets ⁵	75	80	79	85	81	87	87	81	62	66
Diesel											
	Retail pump sales	292	313	306	277	264	272	276	278	236	257
	Road transport, urban transit and other fleets ⁵	383	382	380	361	329	347	371	360	315	339
	Railways	96	93	95	91	83	95	97	98	91	90
	Marine	32	30	29	33	33	33	34	38	38	42
Natural gas											
	Retail pump sales and fleets	2	1	4	4	4	5	5	5	5	5
Gas plant natural gas liquids (NGL's)											
	Road transport and urban transit ³	15	12	10	11	12	12	12	12	10	11
Electricity											
	Road transport and urban transit ³	4	4	4	4	4	4	4	5	5	5
Aviation fuels											
	Aviation turbo fuels	237	248	244	250	256	279	316	317	141	151
	Aviation gasoline	1	1	1	2	2	2	2	2	2	2
Heavy fuel oils											
	Marine	63	59	51	41	N/A	37	39	45	31	29
Other fuels											
	Air, marine, rail and road transport	8	8	8	6	36	4	3	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.

Table EN4: Total Transportation Greenhouse Gas Emissions, All Modes, 2000–2020(Mt CO₂e)

<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	7.9	6.6	3.6	75.6	36.7	14.5	144.9
2001	7.2	6.6	3.7	78.5	39.1	11.5	146.6
2002	7.1	6.0	3.8	80.4	39.2	11.2	147.7
2003	7.2	6.1	3.9	81.6	41.9	11.0	151.7
2004	7.7	6.3	3.9	82.2	44.3	11.7	156.1
2005	7.8	6.7	4.0	83.6	47.9	10.0	160.1
2006	7.8	7.0	4.0	83.0	49.4	9.9	161.0
2007	7.9	7.5	3.9	83.2	51.8	10.1	164.4
2008	7.6	7.9	3.9	81.7	53.5	10.0	164.5
2009	6.7	6.8	3.8	82.2	52.2	9.8	161.5
2010	6.8	6.6	3.7	83.6	56.3	10.1	167.2
2011	6.7	7.5	3.7	82.7	59.2	8.5	168.3
2012	7.7	7.7	3.6	82.2	61.2	8.0	170.5
2013	8.0	7.4	3.6	83.8	63.1	8.2	174.0
2014	7.7	7.6	3.5	82.4	61.8	8.5	171.5
2015	7.7	7.2	3.5	84.6	60.4	8.8	172.1
2016	7.6	6.6	3.6	87.6	59.5	8.6	173.5
2017	8.0	7.6	3.7	88.2	62.3	9.1	178.9
2018	8.8	7.7	3.9	89.5	64.8	9.4	184.1
2019	8.7	7.8	4.4	90.8	64.6	9.2	185.5
2020	4.9	7.3	4.2	75.1	58.6	9.1	159.2

Notes: Historic data may be revised annually. Mt CO₂e = Megatonnes of carbon dioxide equivalent.

Source: *Environment and Climate Change Canada, National Inventory Report 1990-2020*

Table EN5: Air Pollutant Emissions from the Transportation Sector, by Type of Pollutant, 2010–2021

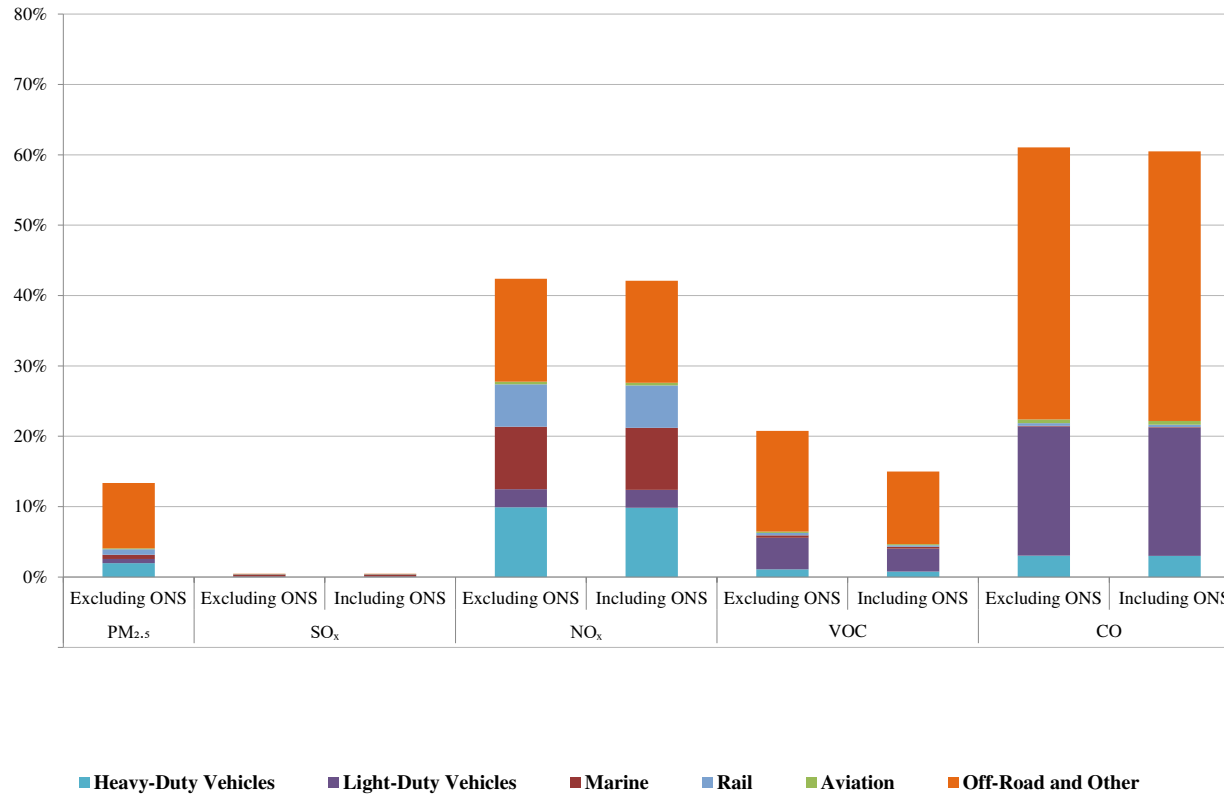
(Kilotonnes)

<i>Year</i>	<i>SO_x</i>	<i>NO_x</i>	<i>PM_{2.5}</i>	<i>VOC</i>	<i>CO</i>
2010	41	983	52	466	4,761
2011	35	907	48	416	4,278
2012	28	842	44	383	3,985
2013	21	803	42	359	3,849
2014	15	748	38	314	3,431
2015	8	699	36	295	3,273
2016	7	637	33	285	3,309
2017	7	649	33	269	3,212
2018	7	626	32	257	3,150
2019	7	614	30	246	3,091
2020	3	547	26	213	2,709
2021	3	556	26	210	2,780

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

Source: Environment and Climate Change Canada, Air Pollutant Emissions Inventory 2010-2021

Figure EN6: Transportation Mode Share of Air Pollutant Emissions, 2021



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

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

	PM _{2.5}			SO _x			NO _x			VOC			CO		
	Excluding ONS	Excluding ONS	Including ONS	Excluding ONS	Excluding ONS	Including ONS	Excluding ONS	Excluding ONS	Including ONS	Excluding ONS	Excluding ONS	Including ONS	Excluding ONS	Excluding ONS	Including ONS
Heavy-Duty Vehicles	0.019792865	0.000211419	0.000210929	0.099176594	0.098538892	0.098538892	0.010888556	0.007864371	0.007864371	0.030439196	0.030439196	0.030161967	0.030439196	0.030161967	0.030161967
Light-Duty Vehicles	0.005997517	0.000596122	0.000594741	0.025542538	0.025378301	0.025378301	0.044942623	0.032460269	0.032460269	0.183622667	0.183622667	0.1819503	0.183622667	0.1819503	0.1819503
Marine	0.005977116	0.003041913	0.003034869	0.088771121	0.088200326	0.088200326	0.003477443	0.002511619	0.002511619	0.000920544	0.000920544	0.00091216	0.000920544	0.00091216	0.00091216
Rail	0.007876763	7.34556E-05	7.32855E-05	0.060463309	0.060074532	0.060074532	0.003307172	0.002388639	0.002388639	0.00360883	0.00360883	0.003575962	0.00360883	0.003575962	0.003575962
Aviation	0.001071027	0.00043976	0.000438741	0.003740555	0.003716504	0.003716504	0.002081066	0.001503072	0.001503072	0.005381434	0.005381434	0.005332422	0.005381434	0.005332422	0.005332422
Off-Road and Other	0.092856141	0.000269661	0.000269036	0.146138541	0.145198876	0.145198876	0.143027442	0.103303033	0.103303033	0.386594608	0.386594608	0.383073647	0.386594608	0.383073647	0.383073647

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

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

Region of Operation	Units	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Domestic	g CO ₂ eq/RTK	n.a.	n.a.	n.a.	1161	1151	1100	1089	1047	1053	1019	1014
International	g CO ₂ eq/RTK	n.a.	n.a.	n.a.	876	865	847	847	827	792	768	779
Overall	g CO ₂ eq/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.

Source: Canada's Aviation Action Plan Annual Reports

Table EN8: Aviation Fuel Consumption, by Region of Operation, 2009-2019

(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, 2010/11–2022/23

<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
2021 - 2022	3,847	42,630	278	5,094
2022 - 2023	3,802	45,444	252	1,709

Source: Transport Canada, Marine Safety

Table EN10: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2010–2020

<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>	<i>2020</i>
Class I Freight	kg CO ₂ eq/1,000 RTK	16.34	16.08	15.72	14.88	14.36	14.06	13.51	13.56	13.45	13.49	12.91
Regional and Short Lines	kg CO ₂ eq/1,000 RTK	14.6	14.51	12.51	12.56	14.15	13.15	12.16	14.08	15.02	14.77	15.27
Intercity Passenger	kg CO ₂ eq/Pax-Km	0.123	0.123	0.109	0.100	0.100	0.102	0.102	0.098	0.097	0.089	0.178
Commuter Rail	kg CO ₂ eq/Pax	2.05	2.18	2.10	2.02	1.96	2.34	2.23	2.43	2.37	2.33	6.29

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

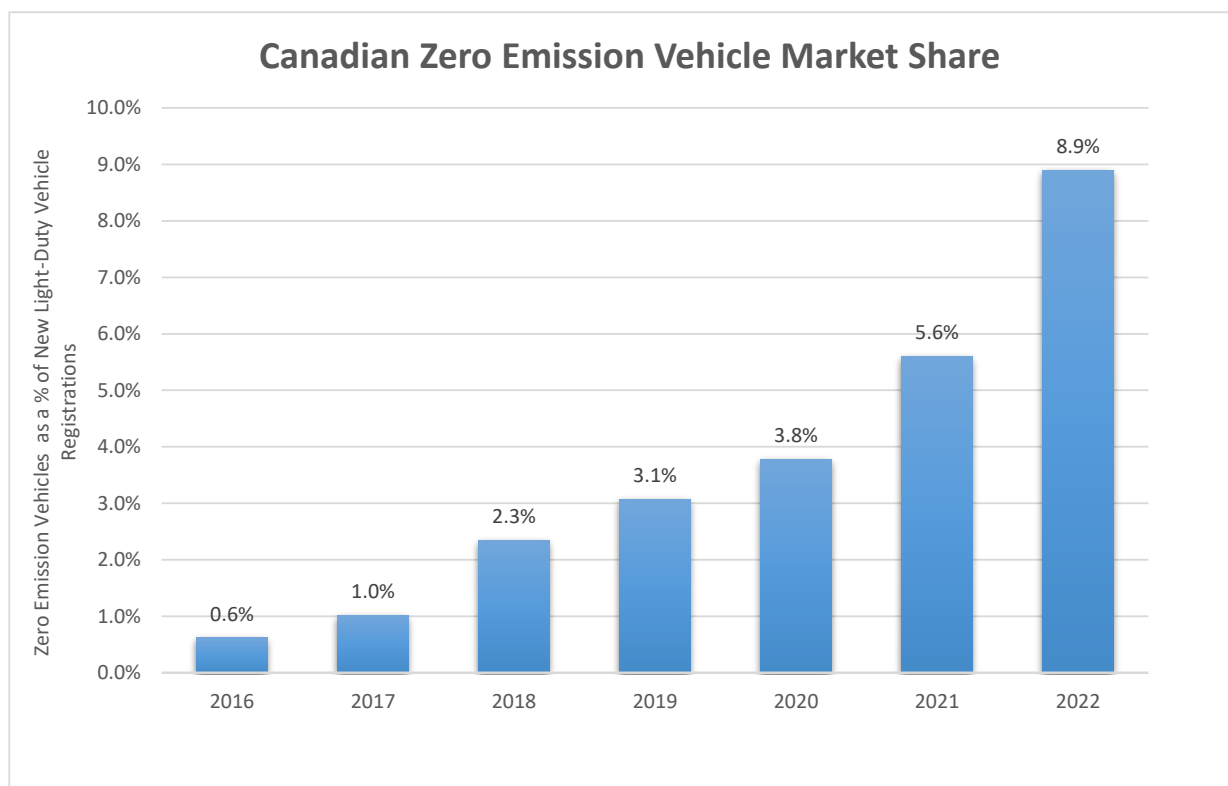
Source: Railway Association of Canada, *Locomotive Emissions Monitoring Report 2020*

Table EN11: Railway Fuel Consumption, 2012-2021

	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2018^R</i>	<i>2019^R</i>	<i>2020^R</i>	<i>2021</i>
Class I	1,972.5	1,937.8	2,024.7	1,952.8	1,827.7	1,963.9	2,051.8	2,055.1	1,930.5	1,876.3
Regional	38.8	37.4	34.7	34.1	63.3	52.5	70.9	70.1	70.1	70.1
Short Line	47.0	47.1	47.7	62.4	60.0	146.9	141.1	140.3	137.3	130.6
Total	2,058.3	2,022.2	2,107.0	2,049.3	1,951.1	2,163.2	2,263.8	2,265.5	2,137.9	2,077.0

Note: R = Revised data.

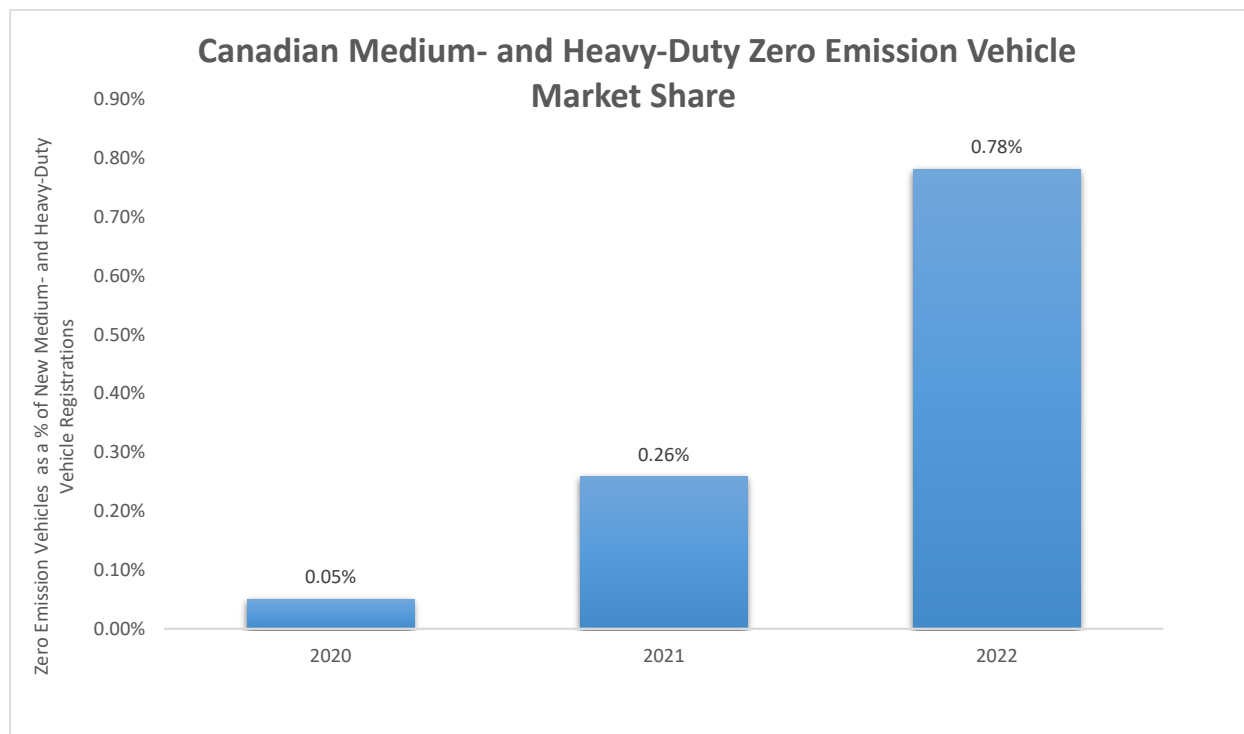
Sources: Transport Canada, Statistics Canada



	2016	2017	2018	2019	2020	2021	2022
Zero Emission Vehicle Market Share	0.6%	1.0%	2.3%	3.1%	3.8%	5.6%	8.9%

Source: S&P Global Mobility (2023). New Vehicle Registration Data for Canada - Data as of December 31, 2022.

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Zero Emission Vehicle Market Share

2020	2021	2022
0.05%	0.26%	0.78%

Source: S&P Global Mobility (2023). *New Vehicle Registration Data for Canada - Data as of December 31, 2022.*

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Table G1: Summary of Transportation Expenditures and Revenues by Level of Government, 2012/13 - 2021/221

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
Transport Canada										
Operating	753.9	826.5	923.4	942.5	795.6	895.4	923.5	974.2	1,062.1	1,080.2
Capital	58.2	75.6	124.1	119.2	89.6	97.6	105.6	132.6	248.4	104.9
Transfer payments	608.0	526.4	646.9	591.0	379.2	277.0	276.1	487.0	660.3	1,082.0
Gross expenditures	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	2,267.1
Licences and fees	4.0	3.9	3.0	1.5	1.3	1.4	1.5	2.6	1.8	2.2
User fees and other revenues	434.4	435.4	443.1	455.9	541.0	517.6	539.5	742.1	142.8	343.0
Total revenues	438.4	439.3	446.1	457.4	542.3	519.0	541.0	744.7	144.5	345.2
Expenditures net of revenues	981.7	989.2	1,248.3	1,195.3	722.1	751.1	764.2	849.1	1,826.2	1,922.0
Other federal departments/agencies										
Operating	2,090.9	2,316.2	2,382.5	2,963.0	3,092.5	2,793.0	3,216.8	3,478.6	3,448.3	3,332.5
Capital	334.2	308.3	418.8	962.1	1,040.2	1,732.9	1,862.7	2,742.5	1,322.9	1,394.0
Transfer payments	1,675.2	1,280.7	1,285.4	1,397.3	1,618.0	1,572.3	2,668.2	2,382.4	2,389.7	2,924.6
Gross expenditures	4,100.2	3,905.2	4,086.8	5,322.5	5,750.8	6,098.2	7,747.7	8,603.5	7,160.8	7,651.1
Fuel taxes	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	5,355.1
Sales taxes ²	6,180.5	6,435.2	6,632.2	6,552.6	6,806.2	7,485.9	7,825.0	7,418.6	6,666.5	6,745.3
Licences and fees	0.0	0.0	0.0	30.3	28.0	32.8	27.5	30.2	19.7	24.2
User fees and other revenues	745.9	858.6	909.9	1,019.6	1,101.5	1,098.1	1,254.7	1,265.1	385.2	619.8
Total revenues	12,307.0	12,780.1	13,070.0	13,167.3	13,569.8	14,355.5	14,909.4	14,396.9	11,965.1	12,744.4
Expenditures net of revenues ³	(8,206.7)	(8,875.0)	(8,983.3)	(7,844.8)	(7,819.1)	(8,257.2)	(7,161.7)	(5,793.4)	(4,804.3)	(5,093.3)
Provinces and territories										
Operating	6,499.3	9,029.2	9,233.7	7,957.0	7,174.4	8,146.4	6,573.9	7,019.2	9,372.5	15,435.3
Capital	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	9,884.3	9,582.1	10,931.7	11,081.3
Transfer payments	4,563.6	4,782.2	5,118.2	6,056.3	5,926.9	8,351.7	8,412.8	9,060.2	13,119.1	12,807.6
Gross expenditures	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,712.6	24,871.0	25,661.5	33,423.3	39,324.3
Federal transfers to provinces/territories ⁴	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,152.4)	(3,566.3)	(3,377.0)	(4,331.8)	(5,785.8)
Expenditures net of transfers	18,743.0	21,752.7	21,768.1	21,612.7	20,723.0	23,560.2	21,304.7	22,284.6	29,091.5	33,538.4
Fuel taxes	8,639.9	9,198.0	9,157.7	9,700.9	10,166.7	10,297.5	10,341.2	10,316.8	8,202.2	9,332.4
Sales taxes	8,676.6	9,127.0	9,490.4	9,623.3	10,115.1	10,959.5	11,477.3	10,952.6	9,834.9	10,031.5
Licences and fees	3,570.5	3,968.8	4,227.3	4,567.4	4,866.0	5,197.0	5,338.8	5,510.0	5,358.7	3,616.4
User fees and other revenues	957.7	1,139.8	1,328.1	1,360.7	1,457.6	2,214.3	2,056.9	1,897.6	2,668.6	1,562.2
Total revenues	21,844.7	23,433.6	24,203.5	25,252.3	26,605.4	28,668.2	29,214.1	28,677.1	26,064.4	24,542.4
Expenditures net of revenues ³	(3,101.7)	(1,680.9)	(2,435.4)	(3,639.6)	(5,882.4)	(5,108.0)	(7,909.4)	(6,392.5)	3,027.0	8,996.0
Combined federal and provincial/territorial governments										
Expenditures net of transfers										
Federal government (gross expenditures)	5,520.3	5,333.7	5,781.1	6,975.2	7,015.1	7,368.3	9,052.9	10,197.2	9,131.6	9,918.3
Provincial/territorial governments (expenditures net of transfers)	18,743.0	21,752.7	21,768.1	21,612.7	20,723.0	23,560.2	21,304.7	22,284.6	29,091.5	33,538.4
Overall	24,263.4	27,086.4	27,549.2	28,587.9	27,738.1	30,928.5	30,357.7	32,481.8	38,223.0	43,456.7
Revenues										
Federal government revenues	12,745.4	13,219.4	13,516.1	13,624.7	14,112.1	14,874.5	15,450.4	15,141.6	12,109.6	13,089.6
Provincial/territorial government revenues	21,844.7	23,433.6	24,203.5	25,252.3	26,605.4	28,668.2	29,214.1	28,677.1	26,064.4	24,542.4
Overall	34,590.1	36,653.0	37,719.6	38,877.0	40,717.5	43,542.7	44,664.5	43,818.7	38,174.1	37,632.0
Revenues (not including sales taxes)										
Federal government revenues (not including sales taxes)	6,564.8	6,784.2	6,883.9	7,072.1	7,305.9	7,388.6	7,625.4	7,723.0	5,443.1	6,344.3
Provincial/territorial government revenues (not including sales taxes)	13,168.1	14,306.6	14,713.1	15,629.1	16,490.2	17,708.7	17,736.8	17,724.5	16,229.5	14,510.9

Overall	19,732.9	21,090.8	21,597.0	22,701.1	23,796.1	25,097.3	25,362.2	25,447.5	21,672.6	20,855.2
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Notes: R= Revised, P= Preliminary

1. The tables in this section (G) cover the 10 fiscal years up to the end of March, 2017. Data are presented on a modified cash (public accounts) basis.

2. Brackets indicate revenues exceed expenditures.

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

4. Provided for comparison with past years' reports.

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

Table G2: Transportation Expenditures and Revenues by Mode and Level of Government, 2012/13 - 2021/22

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2020/22P
Federal Operating Expenditures, Capital Expenditures and Transfers ¹										
Air Mode	811.2	885.1	984.8	1,003.8	1,022.4	1,080.4	1,181.8	1,262.4	1,070.8	1,154.6
Marine Mode	1,279.5	1,329.5	1,267.2	2,044.2	1,972.1	2,058.1	2,916.8	2,724.5	2,552.3	2,514.6
Rail Mode	470.1	448.8	451.5	499.7	396.3	412.9	615.0	617.4	701.7	678.3
Road Mode	1,166.4	752.4	1,017.6	1,386.6	1,638.7	2,030.1	1,794.1	3,125.9	2,194.1	2,678.7
Transit	775.7	846.2	751.4	820.5	1,055.3	883.9	1,703.0	1,387.7	1,262.3	1,330.1
Other Modes	1,017.4	1,071.7	1,308.7	1,220.4	930.4	902.9	842.3	1,079.3	1,350.4	1,561.9
Sub-Total	5,520.3	5,333.7	5,781.1	6,975.2	7,015.1	7,368.3	9,052.9	10,197.2	9,131.6	9,918.3
Provincial/Territorial Expenditures (before deducting federal transfers)										
Air Mode	184.8	263.5	279.7	356.5	284.9	313.8	298.9	315.7	350.0	392.8
Marine Mode	496.2	479.8	544.3	568.3	524.9	627.6	1,076.7	797.9	1,109.3	786.2
Rail Mode	91.6	117.8	92.7	103.3	84.6	81.3	107.1	118.4	47.4	47.4
Road Mode	12,978.8	14,794.4	14,572.5	17,456.1	16,871.4	17,984.3	15,893.5	16,493.5	19,720.5	26,267.8
Transit	5,633.3	6,476.1	6,784.1	5,170.7	5,001.1	7,209.6	6,986.0	7,459.0	11,700.2	11,243.0
Other Modes	424.2	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9	587.0
Sub-Total	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,712.6	24,871.0	25,661.5	33,423.3	39,324.3
Provincial/Territorial Expenditures Net of Federal Transfers ²										
Air Mode	164.8	237.7	261.5	343.0	279.7	297.9	295.1	303.6	336.3	315.2
Marine Mode	467.6	449.0	514.9	538.6	495.8	593.1	1,045.9	760.3	899.6	743.8
Rail Mode	84.2	108.6	85.2	90.5	84.5	80.3	107.1	118.4	47.4	47.4
Road Mode	11,974.8	14,147.8	13,829.6	16,665.1	15,982.3	16,970.2	14,814.0	15,065.0	18,642.1	24,786.7
Transit	5,633.3	6,459.7	6,727.7	3,427.4	3,338.0	5,122.7	4,533.8	5,560.3	8,670.2	7,058.3
Other Modes	418.3	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9	587.0
Sub-Total	18,743.0	21,752.7	21,768.1	21,612.7	20,723.0	23,560.2	21,304.7	22,284.6	29,091.5	33,538.4
Total Expenses: (Gross) Federal plus (Net) Provincial/Territorial Government Levels										
Air Mode	976.0	1,122.8	1,246.3	1,346.8	1,302.2	1,378.4	1,476.9	1,566.0	1,407.0	1,469.8
Marine Mode	1,747.1	1,778.5	1,782.1	2,582.8	2,467.9	2,651.2	3,962.7	3,484.8	3,451.9	3,258.4
Rail Mode	554.3	557.4	536.7	590.3	480.8	493.1	722.1	735.9	749.1	725.7
Road Mode	13,141.2	14,900.2	14,847.2	18,051.7	17,621.0	19,000.3	16,608.1	18,190.9	20,836.1	27,465.4
Transit	6,409.0	7,305.9	7,479.0	4,247.9	4,393.4	6,006.6	6,236.8	6,948.0	9,932.6	8,388.4
Other Modes	1,435.7	1,421.6	1,657.9	1,768.4	1,472.9	1,398.8	1,351.2	1,556.2	1,846.3	2,148.9
Sub-Total	24,263.4	27,086.4	27,549.2	28,587.9	27,738.1	30,928.5	30,357.7	32,481.8	38,223.0	43,456.7
Federal Revenues										
Air Mode	1,215.2	1,307.2	1,309.2	1,338.3	1,465.9	1,538.4	1,667.7	1,569.0	166.3	706.6
Marine Mode	142.0	158.4	142.2	217.5	258.7	184.9	320.2	550.2	333.9	269.3
Rail Mode	32.3	35.1	33.8	35.1	36.0	42.0	43.7	45.9	53.1	20.4

Road Mode	10,133.5	10,443.4	10,668.4	10,656.8	11,041.2	11,702.6	11,974.6	11,552.3	10,221.4	10,710.3
Transit	46.3	48.1	48.7	47.5	46.8	46.4	43.8	33.0	33.5	17.0
Other Modes	1,176.1	1,227.2	1,313.8	1,329.5	1,263.4	1,360.1	1,400.5	1,391.2	1,301.4	1,365.9
Sub-Total	12,745.4	13,219.4	13,516.1	13,624.7	14,112.1	14,874.5	15,450.4	15,141.6	12,109.6	13,089.6

Provincial/Territorial Revenues³

Air Mode	115.7	119.9	124.1	133.7	141.0	164.5	176.8	157.3	50.9	57.9
Marine Mode	0.0	0.0	20.8	22.3	25.2	53.9	62.3	50.0	33.8	46.5
Rail Mode	0.0	11.4	11.5	11.2	10.6	11.0	11.9	11.5	10.2	9.9
Road Mode ⁴	20,626.4	22,036.5	22,761.1	23,839.0	25,199.2	26,532.9	27,164.1	26,850.7	23,539.5	23,168.1
Transit	977.3	1,144.6	1,164.8	1,075.2	1,029.8	1,289.9	1,286.1	1,203.0	635.4	605.2
Other Modes	125.3	121.1	121.2	170.9	199.6	616.0	512.9	404.6	1,794.6	654.7
Sub-Total	21,844.7	23,433.6	24,203.5	25,252.3	26,605.4	28,668.2	29,214.1	28,677.1	26,064.4	24,542.4

Total Revenues: Federal plus Provincial/Territorial Government Levels

Air Mode	1,330.9	1,427.1	1,433.3	1,472.0	1,606.9	1,702.9	1,844.5	1,726.3	217.2	764.5
Marine Mode	142.0	158.4	163.0	239.8	283.9	238.8	382.5	600.2	367.7	315.8
Rail Mode	32.3	46.6	45.3	46.4	46.6	53.0	55.6	57.5	63.3	30.3
Road Mode ⁴	30,759.9	32,480.0	33,429.4	34,495.8	36,240.4	38,235.5	39,138.7	38,403.0	33,761.0	33,878.4
Transit	1,023.6	1,192.6	1,213.5	1,122.7	1,076.6	1,336.4	1,329.8	1,236.0	668.9	622.3
Other Modes	1,301.4	1,348.3	1,435.0	1,500.4	1,463.0	1,976.1	1,913.4	1,795.8	3,096.0	2,020.6
Sub-Total	34,590.1	36,653.0	37,719.6	38,877.0	40,717.5	43,542.7	44,664.5	43,818.7	38,174.1	37,632.0

Notes: R= Revised, P= Preliminary

1. Tax expenditures are also included.

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

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

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

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2012/13 - 2021/221

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
AIR MODE										
Transport Canada										
Operating	238.7	238.0	256.4	242.1	219.1	241.8	246.9	261.5	259.6	257.9
Capital	3.8	4.4	7.8	11.2	5.0	11.7	9.9	15.6	6.7	21.5
Transfer payments	31.3	13.0	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Gross expenditures	273.8	255.5	264.4	253.4	224.2	253.8	256.9	277.3	266.4	279.4
Transportation Safety Board										
Operating	13.7	14.7	15.0	13.1	12.9	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	13.7	14.7	15.0	13.1	12.9	0.0	0.0	0.0	0.0	0.0
Canadian Air Transport Security Authority										
Operating	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3	686.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3	686.1
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.3	0.0	0.9	1.3	6.9	6.0	3.3	6.6	7.5	11.5
Gross expenditures	0.3	0.0	0.9	1.3	6.9	6.0	3.3	6.6	7.5	11.5
Environment and Climate Change Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.6	4.7	3.1	0.0	8.0	12.0	10.5	15.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.6	4.7	3.1	0.0	8.0	12.0	10.5	15.6
Public Services and Procurement Canada										
Operating	9.2	1.0	16.9	11.6	12.8	21.1	21.4	37.5	33.9	25.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	9.2	1.0	16.9	11.6	12.8	21.1	21.4	37.5	33.9	25.1

Atlantic Canada Opportunities Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.2	0.1	1.0	2.2	1.3	0.1	0.3	0.3	0.2	0.2
Gross expenditures	0.2	0.1	1.0	2.2	1.3	0.1	0.3	0.3	0.2	0.2
Economic Development Agency of Canada for the										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	2.6	0.0	2.3	1.8	4.0	0.2	0.0	2.0	28.6
Gross expenditures	0.0	2.6	0.0	2.3	1.8	4.0	0.2	0.0	2.0	28.6
FedDev Ontario (federal economic development										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.8	0.8	1.9	3.2	4.8	9.0	13.0	6.4	3.1
Gross expenditures	0.0	0.8	0.8	1.9	3.2	4.8	9.0	13.0	6.4	3.1
FedNor (federal economic development agency for										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.6	1.2	1.3	1.0	0.4	0.4	0.9	1.1	0.3	1.0
Gross expenditures	0.6	1.2	1.3	1.0	0.4	0.4	0.9	1.1	0.3	1.0
Western Economic Diversification										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.4	0.1	0.0	0.9	8.7	8.4	11.0	5.2	48.5
Gross expenditures	0.0	0.4	0.1	0.0	0.9	8.7	8.4	11.0	5.2	48.5
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Statistics Canada										
Operating	0.0	1.4	1.8	1.9	1.7	2.4	2.0	2.6	2.5	2.3
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	1.4	1.8	1.9	1.7	2.4	2.0	2.6	2.5	2.3
National Research Council Canada										

Operating	0.0	19.4	24.9	22.5	16.8	20.0	17.8	20.1	14.2	16.5
Capital	0.0	8.0	8.3	7.4	10.7	9.2	7.4	5.2	3.7	4.5
Transfer payments	0.0	0.1	0.4	0.8	0.3	0.1	0.0	0.2	0.8	1.1
Gross expenditures	0.0	27.5	33.7	30.7	27.8	29.3	25.2	25.5	18.7	22.1
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	20.8	24.4	22.8	0.0	26.4	28.2	27.6	30.9	31.0
Gross expenditures	0.0	20.8	24.4	22.8	0.0	26.4	28.2	27.6	30.9	31.0
Total (federal government departments and agencies)										
Operating	775.0	833.6	938.9	948.0	988.7	1008.8	1105.9	1169.6	996.5	987.9
Capital	3.8	12.5	16.7	23.3	18.8	20.9	25.3	32.8	20.8	41.6
Transfer payments	32.4	39.1	29.1	32.5	15.0	50.8	50.5	60.0	53.4	125.1
Gross expenditures	811.2	885.1	984.8	1003.8	1022.4	1080.4	1181.8	1262.4	1070.8	1154.6
MARINE MODE										
Transport Canada										
Operating	97.3	96.3	112.4	102.2	89.5	122.4	148.5	150.9	164.2	149.0
Capital	1.2	2.7	3.7	5.9	6.0	6.2	5.1	16.7	4.6	11.1
Transfer payments	0.7	0.5	5.1	9.4	12.6	4.4	8.8	23.8	19.9	26.9
Gross expenditures	99.2	99.5	121.2	117.6	108.1	133.0	162.4	191.4	188.7	187.1
Transportation Safety Board										
Operating	5.8	5.5	4.9	5.2	5.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	5.8	5.5	4.9	5.2	5.0	0.0	0.0	0.0	0.0	0.0
Marine Atlantic										
Operating	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6	130.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6	130.8
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	4.5	1.0	1.7	4.1	15.1	18.3	56.3	45.9	56.2	41.5
Gross expenditures	4.5	1.0	1.7	4.1	15.1	18.3	56.3	45.9	56.2	41.5

Canadian Coast Guard										
Operating	562.4	620.0	529.9	652.3	700.5	782.7	869.6	978.6	957.7	946.1
Capital	219.2	200.6	241.9	450.3	423.3	483.5	1046.4	460.1	515.0	676.7
Transfer payments	10.5	5.1	5.1	5.6	5.6	8.2	9.1	9.3	3.3	2.4
Gross expenditures	792.1	825.7	776.9	1108.2	1129.5	1274.4	1925.1	1448.0	1476.0	1625.3
Department of Fisheries and Oceans - Small Craft										
Operating	67.4	61.7	63.7	50.2	56.8	50.8	68.3	97.1	72.3	67.0
Capital	40.8	32.0	37.5	165.4	234.9	156.9	96.0	124.4	87.1	79.9
Transfer payments	7.1	5.0	3.2	2.3	4.5	3.4	4.0	9.2	2.8	1.9
Gross expenditures	115.3	98.7	104.5	217.9	296.2	211.1	168.3	230.8	162.2	148.8
Parks Canada Agency										
Operating	8.2	13.3	32.2	32.8	30.5	32.1	37.6	34.8	39.3	40.0
Capital	1.2	10.2	20.9	54.1	92.0	126.5	194.1	286.8	220.9	129.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	9.3	23.5	53.1	86.9	122.5	158.6	231.7	321.6	260.2	169.9
Public Services and Procurement Canada										
Operating	60.1	99.6	59.8	135.2	177.2	98.9	229.0	339.6	254.1	193.9
Capital	1.3	0.3	0.5	0.3	0.6	2.0	0.0	2.3	0.1	0.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	61.4	99.9	60.3	135.5	177.8	100.9	229.0	341.9	254.2	194.8
Atlantic Canada Opportunities Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	1.0	2.5	4.8	5.1	8.5	2.9	9.0	5.8	2.3	3.6
Gross expenditures	1.0	2.5	4.8	5.1	8.5	2.9	9.0	5.8	2.3	3.6
Economic Development Agency of Canada for the										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	3.9	4.6	0.1	0.1	1.0	1.1	0.0	0.0	0.0	0.0
Gross expenditures	3.9	4.6	0.1	0.1	1.0	1.1	0.0	0.0	0.0	0.0
FedDev Ontario (federal economic development										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	2.4	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0
Gross expenditures	0.0	2.4	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0

FedNor (federal economic development agency for										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.6	0.6	0.5	2.4	0.6	0.0	0.6	0.8	1.6	0.6
Gross expenditures	0.6	0.6	0.5	2.4	0.6	0.0	0.6	0.8	1.6	0.6
Western Economic Diversification										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	1.3	5.5	5.3	3.9	1.7	2.4	1.1	3.1	5.5	4.4
Gross expenditures	1.3	5.5	5.3	3.9	1.7	2.4	1.1	3.1	5.5	4.4
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	1.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	1.0
Statistics Canada										
Operating	0.0	0.0	0.0	0.0	0.4	0.5	0.1	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.4	0.5	0.1	0.0	0.0	0.0
National Research Council Canada										
Operating	0.0	5.3	5.8	5.7	6.1	7.7	6.0	2.8	2.7	3.7
Capital	0.0	0.2	0.2	0.3	0.3	0.1	0.2	0.1	0.1	0.5
Transfer payments	0.0	0.1	0.1	0.3	0.0	0.0	0.2	0.0	0.9	0.6
Gross expenditures	0.0	5.6	6.2	6.3	6.4	7.9	6.3	3.0	3.7	4.8
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.1	0.1	0.1	0.1	0.1	1.0	0.6	1.0	2.1
Gross expenditures	0.0	0.1	0.1	0.1	0.1	0.1	1.0	0.6	1.0	2.1
Total (federal government departments and agencies)										
Operating	986.1	1056.0	936.3	1334.4	1164.9	1241.8	1485.1	1734.7	1631.0	1530.5
Capital	263.8	246.0	304.7	676.3	757.1	775.3	1341.7	890.3	827.8	899.0
Transfer payments	29.6	27.5	26.3	33.4	50.0	41.0	90.0	99.5	93.6	85.1
Gross expenditures	1279.5	1329.5	1267.2	2044.2	1972.1	2058.1	2916.8	2724.5	2552.3	2514.6

RAIL MODE

Transport Canada										
Operating	20.7	21.7	25.4	100.3	22.3	29.0	26.8	63.8	28.8	29.8
Capital	1.3	0.4	1.3	1.1	1.1	1.2	1.1	1.9	0.0	0.0
Transfer payments	12.4	7.4	8.8	9.3	9.7	16.3	18.4	18.1	14.5	13.4
Gross expenditures	34.4	29.5	35.5	110.8	33.1	46.4	46.3	83.7	43.3	43.2
Transportation Safety Board										
Operating	4.7	6.9	6.1	5.7	5.8	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	4.7	6.9	6.1	5.7	5.8	0.0	0.0	0.0	0.0	0.0
VIA Rail Canada										
Operating	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6	628.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6	628.9
Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	10.1	3.6	0.0	11.6	0.1	0.0	0.0	0.0	0.0	0.0
Gross expenditures	10.1	3.6	0.0	11.6	0.1	0.0	0.0	0.0	0.0	0.0
Economic Development Agency of Canada for the										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.9	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.0
Gross expenditures	0.9	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.0
FedDev Ontario (federal economic development										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.3	0.0	1.8	2.1	2.9	3.3	0.0	0.0	0.3
Gross expenditures	0.0	0.3	0.0	1.8	2.1	2.9	3.3	0.0	0.0	0.3
FedNor (federal economic development agency for										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Western Economic Diversification

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.1	0.2	0.0	0.0	0.8	0.5	64.1	20.3	0.1	0.8
Gross expenditures	0.1	0.2	0.0	0.0	0.8	0.5	64.1	20.3	0.1	0.8

Statistics Canada

Operating	0.0	0.2	0.2	0.4	0.4	0.3	0.5	1.0	0.9	0.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.2	0.2	0.4	0.4	0.3	0.5	1.0	0.9	0.9

National Research Council Canada

Operating	0.0	1.8	2.6	3.2	4.3	4.2	3.1	4.3	3.7	2.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	1.8	2.6	3.2	4.3	4.2	3.1	4.3	3.7	2.9

Natural Sciences and Engineering Research Council

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.7	0.8	0.6	1.1	1.0	1.3	1.4	1.9	1.4
Gross expenditures	0.0	0.7	0.8	0.6	1.1	1.0	1.3	1.4	1.9	1.4

Total (federal government departments and agencies)

Operating	445.4	436.2	440.6	475.2	381.2	391.0	526.7	575.4	685.0	662.4
Capital	1.3	0.4	1.3	1.1	1.1	1.2	1.1	1.9	0.0	0.0
Transfer payments	23.4	12.3	9.6	23.4	14.0	20.6	87.2	40.1	16.6	15.9
Gross expenditures	470.1	448.8	451.5	499.7	396.3	412.9	615.0	617.4	701.7	678.3

ROAD MODE

Transport Canada

Operating	19.6	21.4	21.2	19.6	20.1	21.5	47.8	67.4	51.8	52.5
Capital	2.8	4.6	3.7	2.5	2.4	1.2	1.7	3.0	2.6	1.9
Transfer payments	4.4	4.4	4.4	3.0	3.5	3.3	53.1	0.0	191.4	266.3
Gross expenditures	26.9	30.5	29.4	25.2	26.0	26.0	102.6	70.4	245.8	320.8

Department of Finance Canada

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	10.1	10.1	21.3	25.1	44.5	49.5	53.3	60.0	72.3	84.8
Gross expenditures	10.1	10.1	21.3	25.1	44.5	49.5	53.3	60.0	72.3	84.8

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Gross expenditures	3.0	5.0	3.9	4.7	5.6	4.7	6.9	26.9	17.8	7.9
Parks Canada Agency										
Operating	33.0	51.2	28.0	26.1	32.3	31.5	41.0	29.8	28.3	28.2
Capital	41.9	34.7	69.0	188.8	201.0	209.9	147.3	121.0	61.3	17.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.2	0.1
Gross expenditures	74.9	85.9	97.0	214.9	233.3	241.5	188.6	150.8	89.8	45.5
Public Services and Procurement Canada										
Operating	48.5	51.0	56.4	102.8	98.1	97.8	76.6	51.7	67.6	77.0
Capital	27.0	14.7	16.4	35.2	36.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	75.5	65.7	72.8	138.0	134.1	97.8	76.6	51.7	67.6	77.0
PPP Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.1	1.6	2.4	4.3	3.3	0.5	0.0	0.1	0.0	0.1
Gross expenditures	0.1	1.6	2.4	4.3	3.3	0.5	0.0	0.1	0.0	0.1
Economic Development Agency of Canada for the										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	2.9	1.4	0.5	1.3	0.0	0.1	2.9	2.9
Gross expenditures	0.0	0.0	2.9	1.4	0.5	1.3	0.0	0.1	2.9	2.9
FedDev Ontario (federal economic development										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	4.9	0.0	17.1	15.2	8.7	11.9	9.2	10.1	6.4
Gross expenditures	0.0	4.9	0.0	17.1	15.2	8.7	11.9	9.2	10.1	6.4
FedNor (federal economic development agency for										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.3	0.1	0.3	0.2	0.8	0.5	0.2	0.4	0.7	0.4
Gross expenditures	0.3	0.1	0.3	0.2	0.8	0.5	0.2	0.4	0.7	0.4
Western Economic Diversification										

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.2	0.1	0.3	3.5	1.8	11.2	26.1	32.3
Gross expenditures	0.0	0.0	0.2	0.1	0.3	3.5	1.8	11.2	26.1	32.3
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Transfer payments	0.6	0.6	1.0	0.3	1.8	0.6	0.5	0.0	0.0	0.4
Gross expenditures	0.6	0.6	1.0	0.3	1.8	0.7	0.6	0.1	0.0	0.4
Statistics Canada										
Operating	0.0	1.6	2.0	1.9	1.5	2.4	2.5	1.1	1.4	1.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	1.6	2.0	1.9	1.5	2.4	2.5	1.1	1.4	1.0
National Research Council Canada										
Operating	0.0	20.2	19.8	19.2	20.9	21.9	17.8	16.1	14.0	13.4
Capital	0.0	4.5	7.3	5.7	7.3	2.5	4.6	3.7	3.7	6.2
Transfer payments	0.0	0.2	0.2	0.2	0.0	0.0	0.7	0.9	0.9	1.6
Gross expenditures	0.0	24.9	27.3	25.1	28.3	24.4	23.0	20.7	18.6	21.2
Natural Sciences and Engineering Research Council										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	28.5	29.6	23.6	29.8	28.9	30.6	30.9	30.8	33.0
Gross expenditures	0.0	28.5	29.6	23.6	29.8	28.9	30.6	30.9	30.8	33.0
Total (federal government departments and agencies)										
Operating	230.5	315.3	426.0	609.5	852.8	475.4	474.1	442.2	531.5	530.5
Capital	74.4	58.6	111.3	281.5	276.5	955.4	509.0	1853.9	487.9	487.6
Transfer payments	861.5	378.6	480.3	495.6	509.5	599.2	811.0	829.9	1174.7	1660.6
Gross expenditures	1166.4	752.4	1017.6	1386.6	1638.7	2030.1	1794.1	3125.9	2194.1	2678.7
TRANSIT										
Department of Finance Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	345.0	362.5	373.8	386.3	613.0	455.5	376.8	291.8	268.0	343.0
Gross expenditures	345.0	362.5	373.8	386.3	613.0	455.5	376.8	291.8	268.0	343.0

Infrastructure Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	430.7	482.3	376.7	433.3	440.7	426.0	1322.4	1068.4	967.2	962.1
Gross expenditures	430.7	482.3	376.7	433.3	440.7	426.0	1322.4	1068.4	967.2	962.1
Natural Resources Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	1.2	1.0	23.9	19.0	20.7
Gross expenditures	0.0	0.0	0.0	0.0	0.0	1.2	1.0	23.9	19.0	20.7
FedDev Ontario (federal economic development)										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Western Economic Diversification										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.6	0.4
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.6	0.4
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Statistics Canada										
Operating	0.0	0.5	0.5	0.6	0.5	0.4	0.6	1.0	1.0	0.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.5	0.5	0.6	0.5	0.4	0.6	1.0	1.0	0.9
National Research Council Canada										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1

[illegible]

Environment and Climate Change Canada

Operating	0.0	19.2	23.2	23.0	19.4	25.2	25.2	24.9	26.3	26.4
Capital	0.0	2.9	1.3	0.6	1.3	0.5	3.3	0.8	0.3	0.4
Transfer payments	0.0	0.6	0.5	0.5	0.2	0.4	0.3	0.2	0.2	0.1
Gross expenditures	0.0	22.7	25.0	24.1	20.9	26.1	28.8	25.9	26.8	26.8

Department of Indigenous Services

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0

Public Services and Procurement Canada

Operating	0.0	0.0	0.0	0.0	0.3	0.2	0.4	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.0	0.0	0.3	0.2	0.4	0.0	0.0	0.0

Atlantic Canada Opportunities Agency

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.5	0.1	0.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.5	0.1	0.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0

Economic Development Agency of Canada for the

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3
Gross expenditures	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3

FedDev Ontario (federal economic development

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	1.9	6.3	11.6	0.0	0.0	1.6	1.0	2.2	9.6
Gross expenditures	0.0	1.9	6.3	11.6	0.0	0.0	1.6	1.0	2.2	9.6

FedNor (federal economic development agency for

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.4	0.1	1.0
Gross expenditures	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.4	0.1	1.0

Western Economic Diversification

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.8	0.3	0.9	0.1	0.0	0.6	5.3	5.1	13.3	4.4
Gross expenditures	0.8	0.3	0.9	0.1	0.0	0.6	5.3	5.1	13.3	4.4

Statistics Canada

Operating	0.0	0.5	0.6	0.3	0.1	0.5	0.7	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.5	0.6	0.3	0.1	0.5	0.7	0.0	0.0	0.0

National Research Council Canada

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.2
Gross expenditures	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.2

Natural Sciences and Engineering Research Council

Operating	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2	3.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2	3.8

Total (federal government departments and agencies)

Operating	407.9	501.2	563.5	537.8	500.1	571.0	548.0	529.7	665.3	700.5
Capital	49.0	66.4	108.9	99.0	76.4	77.8	91.2	96.2	234.8	70.7
Transfer payments	560.5	504.0	636.2	583.5	353.9	254.1	203.1	453.3	450.2	790.7
Gross expenditures	1017.4	1071.7	1308.7	1220.4	930.4	902.9	842.3	1079.3	1350.4	1561.9

TOTAL (ALL MODES)

Transport Canada

Operating	753.9	826.5	923.4	942.5	795.6	895.4	923.5	974.2	1062.1	1080.2
Capital	58.2	75.6	124.1	119.2	89.6	97.6	105.6	132.6	248.4	104.9
Transfer payments	608.0	526.4	646.9	591.0	379.2	277.0	276.1	487.0	660.3	1082.0
Gross expenditures	1420.1	1428.5	1694.3	1652.7	1264.4	1270.0	1305.2	1593.8	1970.7	2267.1

Canadian Transportation Agency

Operating	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4	42.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	28.7	29.0	28.8	28.3	26.9	29.1	33.1	35.3	41.4	42.9

Transportation Appeal Tribunal of Canada²

Operating	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4	0.4
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.6	1.2	0.4	0.2	0.3	0.3	0.4	0.4	0.4	0.4

Transportation Safety Board

Operating	24.2	27.0	26.1	29.7	29.7	32.4	32.1	35.7	36.4	35.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	24.2	27.0	26.1	29.7	29.7	32.4	32.1	35.7	36.4	35.9

Department of Finance Canada³

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	355.1	372.6	395.0	411.3	657.5	505.0	430.0	351.8	340.3	427.8
Gross expenditures	355.1	372.6	395.0	411.3	657.5	505.0	430.0	351.8	340.3	427.8

Canadian Air Transport Security Authority⁴

Operating	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3	686.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	513.4	559.1	623.9	656.7	725.3	723.4	817.8	847.9	686.3	686.1

Marine Atlantic⁴

Operating	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6	130.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	184.9	154.4	127.5	350.9	99.0	146.7	125.9	130.9	140.6	130.8

VIA Rail Canada⁴

Operating	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6	628.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	420.0	405.7	406.2	365.5	348.4	357.5	496.2	506.3	651.6	628.9

Infrastructure Canada

Operating	0.0	0.0	25.8	19.4	8.5	72.8	9.6	28.0	69.9	71.5
Capital	0.0	0.0	14.9	46.9	19.7	568.1	109.1	1204.9	20.1	12.0
Transfer payments	1194.7	733.9	678.2	746.6	711.6	742.9	1878.2	1708.2	1741.2	1934.0
Gross expenditures	1194.7	733.9	718.9	812.9	739.8	1383.8	1996.8	2941.1	1831.2	2017.6

Federal Bridge Corporation⁴

Operating	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1	9.1
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	18.2	13.2	8.1	20.1	41.8	20.0	3.5	0.0	6.1	9.1
The Jacques Cartier and Champlain Bridges ⁴										
Operating	109.1	151.6	245.0	247.3	284.3	133.0	116.4	106.7	169.5	182.8
Capital	0.0	0.0	0.0	0.0	0.0	46.3	50.4	48.9	62.6	52.3
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	109.1	151.6	245.0	247.3	284.3	179.2	166.8	155.6	232.1	235.1
Windsor-Detroit Bridge Authority ⁵										
Operating	0.0	0.0	8.1	138.5	334.5	64.0	146.0	126.2	121.1	91.0
Capital	0.0	0.0	0.0	0.0	0.0	120.0	184.5	441.3	319.6	390.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	8.1	138.5	334.5	184.0	330.5	567.6	440.7	481.3
Canadian Coast Guard ⁶										
Operating	562.4	620.0	529.9	652.3	700.5	782.7	869.6	978.6	957.7	946.1
Capital	219.2	200.6	241.9	450.3	423.3	483.5	1046.4	460.1	515.0	676.7
Transfer payments	10.5	5.1	5.1	5.6	5.6	8.2	9.1	9.3	3.3	2.4
Gross expenditures	792.1	825.7	776.9	1108.2	1129.5	1274.4	1925.1	1448.0	1476.0	1625.3
Department of Fisheries and Oceans - Small Craft										
Operating	67.4	61.7	63.7	50.2	56.8	50.8	68.3	97.1	72.3	67.0
Capital	40.8	32.0	37.5	165.4	234.9	156.9	96.0	124.4	87.1	79.9
Transfer payments	7.1	5.0	3.2	2.3	4.5	3.4	4.0	9.2	2.8	1.9
Gross expenditures	115.3	98.7	104.5	217.9	296.2	211.1	168.3	230.8	162.2	148.8
Natural Resources Canada ⁷										
Operating	0.0	0.0	7.8	9.8	10.8	10.4	12.8	12.8	0.0	0.0
Capital	0.0	0.0	0.0	2.4	4.4	1.8	1.8	1.8	0.0	0.0
Transfer payments	0.0	0.0	6.2	4.4	6.6	35.2	23.8	25.1	34.8	48.2
Gross expenditures	0.0	0.0	14.0	16.6	21.8	47.4	38.4	39.7	34.8	48.2
Environment and Climate Change Canada ⁸										
Operating	0.0	19.2	23.2	23.0	19.4	25.2	25.2	24.9	26.3	26.4
Capital	0.0	2.9	1.9	5.3	4.4	0.5	11.3	12.8	10.8	16.0
Transfer payments	0.0	0.6	0.5	0.5	0.2	0.4	0.3	0.2	0.2	0.1
Gross expenditures	0.0	22.7	25.6	28.8	24.0	26.1	36.8	37.9	37.3	42.4
Department of Indigenous Services ⁹										
Operating	0.1	0.0	0.0	0.0	0.0	0.1	0.2	1.6	1.7	3.7
Capital	0.0	0.0	0.0	0.0	0.0	0.9	2.7	2.9	0.3	0.0
Transfer payments	96.9	81.2	112.9	119.5	154.5	175.6	139.8	130.1	113.0	285.8

Gross expenditures	97.0	81.2	113.0	119.6	154.5	176.6	142.7	134.6	115.0	289.5
National Capital Commission10										
Operating	2.0	5.0	3.9	4.7	0.0	0.0	0.0	0.7	0.1	0.2
Capital	1.0	0.0	0.0	0.0	5.6	4.7	6.9	26.3	17.7	7.7
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	3.0	5.0	3.9	4.7	5.6	4.7	6.9	26.9	17.8	7.9
Parks Canada Agency										
Operating	41.2	64.5	60.2	58.9	62.8	63.6	78.6	64.6	67.6	68.2
Capital	43.1	44.9	89.9	242.9	293.0	336.4	341.4	407.8	282.2	147.1
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.2	0.1
Gross expenditures	84.3	109.4	150.1	301.8	355.8	400.1	420.3	472.4	350.0	215.4
Public Services and Procurement Canada11										
Operating	117.8	151.6	133.1	249.6	288.4	218.0	327.4	428.8	355.6	296.0
Capital	28.4	15.1	16.8	35.5	36.6	2.0	0.0	2.3	0.1	0.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	146.2	166.7	149.9	285.1	325.0	220.0	327.4	431.1	355.7	296.8
PPP Canada12										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic Canada Opportunities Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	1.9	4.3	8.3	13.9	13.1	3.5	9.3	6.1	2.4	4.0
Gross expenditures	1.9	4.3	8.3	13.9	13.1	3.5	9.3	6.1	2.4	4.0
Economic Development Agency of Canada for the										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	4.8	7.4	3.1	4.0	3.6	6.6	0.3	0.4	5.0	31.8
Gross expenditures	4.8	7.4	3.1	4.0	3.6	6.6	0.3	0.4	5.0	31.8
FedDev Ontario (federal economic development										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	10.6	7.2	32.4	20.6	16.6	25.8	23.2	18.7	19.4
Gross expenditures	0.0	10.6	7.2	32.4	20.6	16.6	25.8	23.2	18.7	19.4
FedNor (federal economic development agency for										

Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	1.6	2.0	2.1	3.6	2.2	1.1	1.8	2.7	2.8	3.0
Gross expenditures	1.6	2.0	2.1	3.6	2.2	1.1	1.8	2.7	2.8	3.0
Western Economic Diversification										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	2.1	6.5	6.5	4.1	3.7	15.7	80.7	50.8	54.8	90.8
Gross expenditures	2.1	6.5	6.5	4.1	3.7	15.7	80.7	50.8	54.8	90.8
Canadian Northern Economic Development Agency										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Transfer payments	0.6	0.6	1.0	0.3	1.8	0.6	0.9	1.0	0.1	1.4
Gross expenditures	0.6	0.6	1.0	0.3	1.8	0.7	1.0	1.1	0.1	1.4
Statistics Canada ¹⁴										
Operating	0.0	4.1	5.2	5.1	4.7	6.5	6.4	5.7	5.8	5.2
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	4.1	5.2	5.1	4.7	6.5	6.4	5.7	5.8	5.2
National Research Council Canada ¹⁵										
Operating	0.0	46.6	53.1	50.7	48.1	53.8	44.6	43.3	34.7	36.6
Capital	0.0	12.8	15.8	13.4	18.3	11.8	12.1	9.0	7.5	11.1
Transfer payments	0.0	0.4	0.8	1.3	0.4	0.2	1.2	1.2	2.7	3.5
Gross expenditures	0.0	59.9	69.8	65.3	66.8	65.8	58.0	53.5	44.9	51.2
Natural Sciences and Engineering Research Council ¹³										
Operating	0.0	2.4	2.5	2.1	2.4	2.5	2.6	2.9	3.2	3.8
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	50.7	55.3	47.5	32.1	57.2	62.7	63.1	67.2	70.4
Gross expenditures	0.0	53.1	57.8	49.6	34.5	59.7	65.3	66.0	70.4	74.2
Total (federal government departments and agencies)										
Operating	2844.8	3142.7	3305.9	3905.6	3888.1	3688.4	4140.3	4452.7	4510.3	4412.7
Capital	392.4	383.8	542.9	1081.3	1129.8	1830.5	1968.3	2875.1	1571.3	1498.9
Transfer payments	2283.2	1807.2	1932.3	1988.3	1997.2	1849.3	2944.3	2869.4	3050.0	4006.6
Gross expenditures	5520.3	5333.7	5781.1	6975.2	7015.1	7368.3	9052.9	10197.2	9131.6	9918.3

Notes: R= Revised, P= Preliminary

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. Effective November 1, 2014, reported under the Administrative Tribunals Support Service of Canada.
3. 3. Due to changes in how the public accounts are structured, some mode allocation has been moved to other.
4. Includes tax expenditures and trust fund allotments.
5. Marine transportation activities only.
6. PPP closed in 10. 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.

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

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
Federal fuel taxes										
Air Mode	97.2	82.3	86.5	78.4	66.8	93.1	126.6	107.6	56.4	87.9
Road Mode	4,227.5	4,290.4	4,317.6	4,349.9	4,496.3	4,501.1	4,483.0	4,453.3	3,721.8	4087.1
Other Modes ¹	1,055.8	1,113.7	1,123.9	1,136.5	1,071.0	1,144.5	1,192.7	1,122.2	1,115.5	1180
Total	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	5355.1
Provincial/Territorial fuel taxes ²										
Newfoundland and Labrador	170.7	170.7	185.7	193.2	309.1	258.1	205.4	175.6	0.0	149.1
Prince Edward Island	41.2	35.1	35.4	36.0	37.4	38.3	37.3	29.1	24.1	25.7
Nova Scotia	243.4	246.8	248.3	247.6	271.7	266.4	263.4	266.5	223.8	258.5
New Brunswick	239.5	240.1	242.8	284.5	285.5	289.5	255.0	282.7	182.3	201.7
Quebec	2,030.6	2,293.0	2,200.4	2,176.0	2,336.0	2,302.5	2,326.9	2,286.9	1,982.7	2159.6
Ontario	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	2973
Manitoba	151.1	315.6	311.7	321.1	334.7	341.9	366.3	333.0	302.0	323.3
Saskatchewan	496.0	509.8	515.4	479.2	488.6	525.1	555.6	507.9	441.7	494.7
Alberta	898.2	925.0	944.0	1,370.0	1,343.0	1,399.0	1,394.0	1,374.0	1,138.0	1275
British Columbia	1,236.9	1,350.2	1,256.2	1,346.0	1,354.0	1,373.0	1,407.5	1,419.0	1,281.2	1424.1
Yukon	8.1	8.2	7.9	7.7	8.2	8.0	7.9	9.7	7.0	8.7
Northwest Territories	18.6	17.7	18.4	20.5	21.3	20.7	20.9	18.9	17.7	20.1
Nunavut	5.3	4.7	5.5	9.0	9.3	14.0	18.0	23.5	17.7	18.9
Total (all provinces/territories)	8,639.9	9,198.0	9,157.7	9,700.9	10,166.7	10,297.5	10,341.2	10,316.8	8,202.2	9332.4
Federal transportation-related sales tax revenues ³										
Air Mode	152.4	161.2	172.3	179.3	185.0	203.5	220.8	187.9	62.8	64.1
Rail Mode	15.5	15.6	16.3	17.3	18.6	20.1	21.6	19.7	20.1	8.7
Road Mode	5,872.4	6,112.9	6,294.0	6,203.6	6,446.1	7,101.9	7,419.3	7,060.2	6,446.7	6558.7
Transit	46.3	48.1	48.7	47.4	46.8	46.2	43.5	32.7	33.4	17
Other Modes ⁴	94.0	97.5	100.9	105.0	109.7	114.2	119.9	118.1	103.5	96.8
Transportation-related sales tax revenues	6,180.5	6,435.2	6,632.2	6,552.6	6,806.2	7,485.9	7,825.0	7,418.6	6,666.5	6745.3
Provincial/Territorial transportation-related sales tax										
Newfoundland and Labrador										
Air Mode	7.4	7.9	8.5	9.7	11.2	12.6	13.0	10.6	3.7	3.7
Road Mode	190.1	202.1	203.5	203.5	229.2	251.2	248.3	246.5	235.1	239.8
Transit	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.6	0.3	0.3
Other Modes ⁴	2.4	2.5	2.5	2.6	3.0	3.3	3.5	3.5	3.4	3.4
Transportation-related sales tax revenues	200.5	213.2	215.2	216.5	244.1	268.0	265.5	261.2	242.4	247.3
Prince Edward Island										
Air Mode	0.2	1.0	1.8	1.9	2.0	2.1	2.2	1.9	0.7	0.7
Road Mode	35.5	49.3	54.3	54.7	59.9	67.3	68.9	66.6	63.2	64.5
Transit	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1
Other Modes ⁴	0.1	0.5	0.6	0.7	0.8	0.9	1.0	1.0	0.8	0.8

Transportation-related sales tax revenues	35.9	51.1	57.0	57.5	63.0	70.6	72.4	69.7	64.9	66.2
Nova Scotia										
Air Mode	9.0	9.4	10.4	11.5	12.1	13.4	15.1	12.1	3.6	3.7
Road Mode	353.4	376.9	379.0	367.7	377.5	405.5	409.8	392.8	359.1	366.3
Transit	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.4	0.6	0.6
Other Modes ⁴	4.7	4.7	4.8	4.9	5.1	5.5	5.8	5.9	5.7	5.8
Transportation-related sales tax revenues	368.9	392.9	396.0	386.0	396.5	426.2	432.4	412.2	369.0	376.3
New Brunswick										
Air Mode	3.9	4.7	5.0	5.8	6.6	7.9	8.7	7.5	2.6	2.7
Road Mode	242.0	257.4	264.3	268.6	307.1	348.1	356.6	347.9	318.3	324.7
Transit	0.5	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.2	0.2
Other Modes ⁴	2.1	2.0	2.0	2.2	2.4	2.8	3.0	3.0	2.9	2.9
Transportation-related sales tax revenues	248.4	264.5	271.8	277.0	316.6	359.3	368.8	358.9	324.0	330.5
Quebec										
Air Mode	25.9	26.2	27.5	27.6	29.2	34.9	38.3	34.5	10.8	11
Road Mode	2,768.6	2,852.3	2,870.8	2,827.9	2,910.3	3,117.4	3,274.9	3,159.9	2,907.2	2965.3
Transit	18.8	19.8	20.5	20.2	20.0	19.7	19.0	15.3	7.7	7.8
Other Modes ⁴	38.4	39.4	40.6	42.4	44.4	46.9	50.0	49.2	43.0	43.8
Transportation-related sales tax revenues	2,851.6	2,937.7	2,959.3	2,918.0	3,003.8	3,218.9	3,382.1	3,258.9	2,968.6	3027.9
Ontario										
Air Mode	52.7	51.7	54.9	59.4	61.0	67.6	72.5	64.2	19.5	19.8
Road Mode	3,738.1	4,003.6	4,247.8	4,356.8	4,599.1	4,984.1	5,252.4	4,968.3	4,380.7	4468.3
Transit	24.6	24.8	24.0	22.6	22.8	23.0	22.3	17.9	8.1	8.2
Other Modes ⁴	61.6	63.4	65.8	69.4	73.1	75.9	79.5	77.9	65.5	66.8
Transportation-related sales tax revenues	3,876.9	4,143.5	4,392.6	4,508.2	4,756.0	5,150.5	5,426.7	5,128.3	4,473.7	4563.1
Manitoba										
Road Mode	190.4	215.6	236.4	238.9	243.1	263.2	264.1	233.3	214.7	218.9
Transportation-related sales tax revenues	190.4	215.6	236.4	238.9	243.1	263.2	264.1	233.3	214.7	218.9
Saskatchewan										
Road Mode	111.1	120.2	126.4	129.1	135.9	168.7	197.6	201.0	193.7	197.5
Transportation-related sales tax revenues	111.1	120.2	126.4	129.1	135.9	168.7	197.6	201.0	193.7	197.5
British Columbia										
Air Mode	16.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Road Mode	750.4	778.1	835.4	892.0	956.0	1,034.1	1,067.6	1,029.0	983.9	1003.6
Transit	9.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Other Modes ⁴	16.0	4.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Transportation-related sales tax revenues	792.9	788.3	835.5	892.1	956.1	1,034.2	1,067.7	1,029.2	984.0	1003.7
Total (all provinces/territories) ⁵										
Air Mode	115.7	104.7	108.1	115.8	122.0	138.5	149.8	130.7	40.8	41.6

Road Mode	8,379.5	8,855.6	9,218.0	9,339.2	9,818.0	10,639.5	11,140.2	10,645.4	9,655.9	9848.9
Transit	56.1	50.1	47.9	46.1	46.2	46.1	44.6	35.9	16.9	17.2
Other Modes ⁴	125.3	116.6	116.4	122.2	128.9	135.4	142.8	140.6	121.3	123.7
Transportation-related sales tax revenues	8,676.6	9,127.0	9,490.4	9,623.3	10,115.1	10,959.5	11,477.3	10,952.6	9,834.9	10031.5
Federal transportation-related licences and fees										
Air Mode	0.0	0.0	0.0	15.9	13.2	16.8	14.5	16.9	9.7	13
Marine Mode	0.0	0.0	0.0	3.4	2.2	3.6	2.3	1.2	1.3	1.2
Rail Mode	0.0	0.0	0.0	2.9	4.6	4.6	3.0	4.3	2.4	1.8
Road Mode ⁶	4.0	3.9	3.0	9.6	9.4	9.3	9.1	7.8	6.9	8.6
Other Modes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.2	1.8
Total (federal government departments and agencies)	4.0	3.9	3.0	31.8	29.3	34.2	29.0	32.8	21.5	26.4
Provincial/Territorial transportation-related licences and										
Newfoundland and Labrador	73.5	73.5	79.0	86.2	99.2	96.8	92.6	92.0	92.4	95
Prince Edward Island	15.1	18.4	18.9	18.8	19.6	20.0	20.2	22.1	22.1	24.4
Nova Scotia	113.4	120.5	123.0	121.5	127.5	134.5	134.2	135.0	137.1	145.2
New Brunswick	120.0	125.7	127.9	132.0	138.3	143.0	144.5	146.6	146.7	144.6
Quebec	914.4	940.1	963.0	1,139.0	1,252.0	1,303.0	1,318.1	1,387.6	1,364.2	1527.2
Ontario	1,132.8	1,255.5	1,441.1	1,576.3	1,741.8	1,971.1	2,054.8	2,126.6	2,005.3	33
Manitoba	173.9	171.1	177.3	178.1	181.4	184.0	187.5	189.1	186.7	182.1
Saskatchewan	183.1	188.4	190.4	200.7	197.5	189.9	204.9	204.3	199.3	206.6
Alberta	420.5	492.0	516.0	517.0	502.0	509.0	520.0	535.0	557.0	566
British Columbia	415.0	568.9	575.0	581.0	589.0	623.7	638.6	648.1	633.2	669.3
Yukon	4.5	4.9	5.8	6.1	6.9	6.7	7.2	8.0	5.9	6.5
Northwest Territories	3.8	9.2	9.3	10.1	10.1	14.3	15.1	14.6	7.7	15.5
Nunavut	0.5	0.6	0.6	0.6	0.7	1.0	1.1	1.0	1.0	0.9
Total (all provinces/territories)	3,570.5	3,968.8	4,227.3	4,567.4	4,866.0	5,197.0	5,338.8	5,510.0	5,358.7	3616.4
Other federal transport-related revenues ⁷										
Transport Canada										
Air Mode - user fees	15.7	15.5	15.0	14.2	15.4	14.5	14.8	0.0	0.0	-2.3
Air Mode - other	329.7	340.9	300.1	313.2	402.8	361.8	393.6	418.6	(8.9)	216.9
Marine Mode - user fees	17.6	18.7	19.7	18.8	18.2	17.9	17.2	0.0	0.0	-4.5
Marine Mode - other	28.1	27.4	8.1	9.8	11.7	11.3	13.6	158.9	39.9	36.8
Rail Mode - other	16.8	17.2	14.8	13.9	12.1	13.0	14.9	18.3	30.5	9.8
Road Mode - other	0.4	0.4	(3.0)	(1.5)	(1.3)	(1.4)	(1.5)	(1.4)	0.5	0
Other Modes - user fees	0.0	0.0	82.1	79.6	72.4	73.3	76.6	72.4	71.6	82.5
Other Modes - other	26.1	15.3	6.3	7.8	9.6	27.2	10.3	75.3	9.1	3.8
Total (Transport Canada)	434.4	435.4	443.1	455.9	541.0	517.6	539.5	742.1	142.8	343
Other federal departments/agencies										
Air Mode - user fees	611.0	689.0	695.0	722.0	768.0	824.0	872.0	800.0	12.0	301
Air Mode - other	9.2	18.3	40.4	15.3	14.8	24.7	25.4	38.0	34.4	25.9
Marine Mode - user fees	0.0	2.2	3.1	3.5	3.4	2.3	3.7	3.7	2.2	1.9
Marine Mode - other	96.3	110.1	111.3	182.0	223.1	149.9	283.4	386.3	290.4	234
Rail Mode - other	0.0	2.4	2.7	1.0	0.8	4.3	4.1	3.6	0.1	0.1

Road Mode - other	29.2	35.8	56.8	95.3	90.8	91.7	64.7	32.5	45.5	55.9
Transit - other	0.0	0.0	0.0	0.1	0.0	0.2	0.3	0.3	0.1	0.1
Other Modes - other	0.2	0.7	0.6	0.5	0.6	1.0	1.1	0.6	0.4	1
Total (other federal government departments and agencies)	745.9	858.6	909.9	1,019.6	1,101.5	1,098.1	1,254.7	1,265.1	385.2	619.8
Other provincial/territorial transport-related revenues ⁸										
Nova Scotia - user fees	0.0	0.0	1.3	1.8	1.9	2.0	1.1	1.6	0.0	0.2
Nova Scotia - other	10.2	10.3	16.3	18.6	15.9	19.3	11.7	12.8	20.3	8.7
Quebec - user fees	842.2	913.5	960.2	1,192.2	1,228.5	1,498.8	1,500.1	1,434.4	841.2	858.4
Quebec - other	54.6	91.2	261.3	0.0	3.6	3.4	1.2	0.5	0.5	0.9
Ontario - user fees	50.7	45.1	34.1	45.2	74.2	51.3	45.2	64.5	54.5	77.1
Ontario - other	0.0	0.0	0.0	43.7	67.0	476.9	366.5	260.5	1,669.2	527.3
British Columbia - other	0.0	70.7	45.4	50.5	57.6	118.7	76.7	78.4	57.1	46
Northwest Territories - user fees	0.0	7.1	7.8	7.5	7.5	42.9	50.1	38.0	20.7	30.9
Northwest Territories - other	0.0	1.8	1.7	1.2	1.3	0.9	4.3	3.8	3.7	8.5
Nunavut - other	0.0	0.0	0.0	0.0	0.1	0.1	0.1	3.2	1.4	4.1
Total (all provinces/territories)	957.7	1,139.8	1,328.1	1,360.7	1,457.6	2,214.3	2,056.9	1,897.6	2,668.6	1562.2

Notes: R=Revised, P=Preliminary

1. Road, rail and other diesel fuel (no breakdown by mode available).

2. Only a few provinces/territories were able to break down this revenue category by mode, so we report a combined total for all modes for comparability. Most revenues in this category are from the road mode.

3. Includes rail, marine and other expenditure categories where no breakdown exists.

4. Alberta, Yukon, Northwest Territories and Nunavut do not have provincial/territorial sales taxes.

5. Revenues from the registrar of imported vehicles program.

6. Data for 2014/15 and onwards are sourced from the Public Accounts. Prior to that, sourced mainly from the Departmental Performance Reports (the source table is no longer published).

7. Best estimates provided by provincial/territorial respondents. Use with caution.

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

Table G5: Summary of Provincial Transport Expenditures by Province/Territory, 2012/13 - 2021/22

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
Transport Expenditures by Provincial/Territorial										
Newfoundland and Labrador	395.6	395.6	423.5	418.7	319.4	366.0	392.2	403.2	351.1	357.2
Prince Edward Island	121.7	108.8	114.9	119.4	108.6	119.8	127.1	166.9	193.6	180.9
Nova Scotia	603.5	624.6	631.5	604.7	623.9	603.7	688.7	742.8	957.4	944.2
New Brunswick	900.5	391.9	411.2	506.5	515.3	542.7	579.3	445.6	471.2	520.2
Quebec	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	16,235.1
Ontario	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	12,321.2
Manitoba	602.7	646.4	810.4	943.0	905.9	761.4	641.2	727.4	669.5	722.5
Saskatchewan	582.6	626.7	693.7	777.7	1,119.4	1,126.2	872.6	662.6	768.8	780.8
Alberta	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,568.6	2,606.3	2,852.0	3,076.3
British Columbia	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	3,507.2
Yukon	113.6	113.5	125.4	124.2	122.2	126.5	149.8	152.5	158.5	176.2
Northwest Territories	204.9	260.9	349.0	324.9	277.8	315.2	286.6	326.1	372.7	438.3
Nunavut	59.8	123.7	91.2	126.6	98.4	117.0	79.1	54.9	75.9	64.2
Total (all provinces/territories)	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,712.6	24,871.0	25,661.5	33,423.3	39,324.3
(000s of persons)										
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
Population by Province/Territory ¹										
Newfoundland and Labrador	528.1	528.5	528.7	529.9	528.3	525.7	523.9	520.2	521.9	528.8
Prince Edward Island	144.1	144.5	144.9	147.9	151.4	155.2	158.8	161.5	166.4	172.7
Nova Scotia	940.1	939.0	938.3	946.0	953.7	963.4	976.5	981.3	998.4	1,031.0
New Brunswick	758.7	759.5	759.8	764.8	767.9	772.6	780.6	783.4	795.9	820.8
Quebec	8,124.7	8,165.4	8,190.0	8,249.7	8,336.5	8,434.7	8,543.0	8,578.7	8,630.2	8,751.4
Ontario	13,558.5	13,661.3	13,757.7	13,946.4	14,150.8	14,392.9	14,636.1	14,721.9	14,901.6	15,262.7
Manitoba	1,268.4	1,283.4	1,297.3	1,319.9	1,340.6	1,358.0	1,373.8	1,381.6	1,395.4	1,420.2
Saskatchewan	1,103.7	1,116.2	1,124.9	1,140.7	1,154.8	1,165.9	1,176.3	1,178.0	1,183.0	1,205.1
Alberta	4,010.9	4,106.1	4,159.5	4,209.0	4,258.2	4,317.7	4,384.8	4,421.9	4,466.1	4,601.3
British Columbia	4,658.9	4,737.7	4,803.0	4,884.0	4,956.6	5,040.4	5,130.8	5,151.9	5,238.7	5,368.3
Yukon	36.4	37.3	37.8	38.8	39.8	40.7	41.6	42.3	43.4	44.0
Northwest Territories	43.8	44.1	44.4	44.5	45.1	45.0	45.2	45.3	45.6	45.6
Nunavut	35.5	36.1	36.6	37.0	37.7	38.3	38.6	39.3	39.9	40.6
Total (all provinces/territories)	35,211.9	35,559.0	35,822.9	36,258.7	36,721.2	37,250.4	37,810.0	38,007.0	38,426.5	39,292.4
(Dollars per capita)										
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
Per Capita Transport Expenditures by										
Newfoundland and Labrador	749.1	748.5	801.0	790.1	604.5	696.2	748.6	775.1	672.7	675.5
Prince Edward Island	844.6	752.9	793.0	807.3	717.3	771.9	800.4	1,033.4	1,163.5	1,047.5
Nova Scotia	642.0	665.2	673.0	639.2	654.2	626.7	705.3	757.0	958.9	915.8

New Brunswick	1,186.9	516.0	541.2	662.3	671.0	702.4	742.1	568.8	592.1	633.7
Quebec	873.9	1,225.4	1,172.7	934.9	916.1	1,090.2	850.2	859.0	1,165.5	1,855.1
Ontario	307.1	317.0	337.8	544.8	520.9	577.5	596.9	635.5	848.0	807.3
Manitoba	475.1	503.7	624.7	714.4	675.7	560.7	466.7	526.5	479.8	508.7
Saskatchewan	527.9	561.5	616.7	681.8	969.3	965.9	741.8	562.5	649.9	647.9
Alberta	645.3	585.6	541.5	591.5	440.7	673.4	585.8	589.4	638.6	668.6
British Columbia	508.9	516.8	513.7	503.2	470.9	440.2	484.5	513.9	736.4	653.3
Yukon	3,120.4	3,044.2	3,316.8	3,201.0	3,070.9	3,108.1	3,601.0	3,605.0	3,651.7	4,004.5
Northwest Territories	4,678.9	5,916.3	7,860.4	7,300.0	6,159.0	7,003.8	6,340.2	7,198.7	8,173.2	9,611.8
Nunavut	1,684.5	3,426.6	2,491.8	3,421.6	2,610.1	3,054.8	2,049.2	1,396.9	1,902.3	1,581.3
Total (all provinces/territories)	562.6	632.2	631.5	667.5	634.8	717.1	657.8	675.2	869.8	1,000.8

Notes: R= Revised, P= Preliminary

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

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 G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2012/13 - 2021/22

	(Millions of dollars)									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20R	2020/21R	2021/22P
AIR MODE										
Newfoundland and Labrador										
Operating	20.5	20.5	11.2	18.4	9.7	9.6	10.8	9.5	10.3	8.8
Capital	1.9	1.9	40.6	17.9	0.9	0.3	0.2	0.9	1.4	0.0
Operating and capital	22.4	22.4	51.8	36.3	10.6	9.9	11.0	10.4	11.7	8.8
Transfer payments	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	23.6	23.6	51.8	36.3	10.6	9.9	11.0	10.4	11.7	8.8
Federal transfers to provinces/territories ¹	(1.2)	(1.2)	(2.6)	(2.3)	(1.2)	(1.3)	(0.9)	(1.7)	(2.2)	(3.2)
Net expenditures	22.4	22.4	49.2	34.0	9.4	8.6	10.1	8.7	9.5	5.6
Quebec										
Operating	35.0	29.0	18.4	70.8	70.4	78.8	100.0	106.3	139.4	108.0
Capital	0.0	0.0	24.1	26.8	26.8	26.0	24.7	31.0	36.0	39.2
Operating and capital	35.0	29.0	42.5	97.6	97.2	104.8	124.7	137.3	175.4	147.2
Transfer payments	7.9	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	42.9	31.9	45.4	97.6	97.2	104.8	124.7	137.3	175.4	147.2
Federal transfers to provinces/territories ¹	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	42.9	31.9	45.6	97.6	97.2	104.8	124.7	137.3	175.4	147.2
Ontario										
Operating	8.1	12.3	11.4	11.7	11.8	11.3	11.5	12.2	12.9	13.3
Capital	5.4	4.6	1.9	2.9	0.6	1.4	1.3	2.6	1.1	4.2
Operating and capital	13.5	16.9	13.3	14.6	12.4	12.7	12.8	14.8	14.0	17.6
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	13.5	16.9	13.3	14.6	12.4	12.7	12.8	14.8	14.0	17.6
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	13.5	16.9	13.3	14.6	12.4	12.7	12.8	14.8	14.0	17.6
Manitoba										
Operating	8.8	11.6	13.4	12.8	13.5	12.8	12.7	13.4	0.0	0.0
Capital	2.9	0.9	1.1	0.5	1.4	5.9	2.5	0.3	1.2	6.9
Operating and capital	11.7	12.5	14.5	13.3	14.9	18.7	15.2	13.7	1.2	6.9
Transfer payments	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7
Gross expenditures	11.8	12.5	14.5	13.3	14.9	18.7	15.2	13.7	1.7	7.6
Federal transfers to provinces/territories ¹	(0.3)	(0.8)	0.0	(1.1)	(0.9)	(6.3)	0.0	(2.5)	(0.5)	(4.6)
Net expenditures	11.5	11.7	14.5	12.2	14.0	12.4	15.2	11.2	1.2	2.9
Saskatchewan										
Operating	3.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.3	2.5

Capital	0.0	0.0	0.2	14.6	0.0	0.0	1.6	1.0	3.3	11.1
Operating and capital	3.0	2.0	2.2	16.6	2.0	2.0	3.4	3.0	5.6	13.6
Transfer payments	0.8	0.7	0.7	0.0	0.0	0.0	0.0	1.0	1.4	0.0
Gross expenditures	3.8	2.7	2.9	16.6	2.0	2.0	3.4	4.0	7.0	13.6
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	3.8	2.7	2.9	16.6	2.0	2.0	3.4	4.0	7.0	13.6
Alberta										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	1.7	2.3
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	1.7	2.3
Transfer payments	2.6	1.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	2.6	1.5	0.0	0.1	0.0	0.0	1.9	2.0	1.7	2.3
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	2.6	1.5	0.0	0.1	0.0	0.0	1.9	2.0	1.7	2.3
British Columbia										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	3.7	5.9	10.7	5.3	7.0	2.8	2.3
Gross expenditures	0.0	0.0	0.0	3.7	5.9	10.7	5.3	7.0	2.8	2.3
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.0	3.7	5.9	10.7	5.3	7.0	2.8	2.3
Yukon										
Operating	10.2	10.9	10.8	11.4	11.8	12.5	12.5	14.4	13.7	13.6
Capital	5.0	9.8	13.3	5.9	5.7	5.7	21.9	22.1	14.0	19.4
Operating and capital	15.2	20.7	24.1	17.2	17.5	18.2	34.4	36.5	27.6	33.0
Transfer payments	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Gross expenditures	15.2	20.7	24.1	17.2	17.6	18.2	34.4	36.5	27.6	33.0
Federal transfers to provinces/territories1	(0.3)	(0.1)	(5.0)	(1.8)	(2.1)	(1.9)	(2.1)	(3.6)	(4.5)	(2.5)
Net expenditures	14.9	20.6	19.2	15.4	15.6	16.3	32.3	32.9	23.2	30.5
Northwest Territories										
Operating	16.2	29.6	26.2	30.0	27.6	29.8	30.6	28.5	32.4	27.6
Capital	6.6	4.3	6.0	2.4	4.4	2.0	4.9	10.4	4.0	9.1
Operating and capital	22.8	34.0	32.2	32.4	32.0	31.7	35.6	38.9	36.4	36.7
Transfer payments	0.0	0.3	7.4	1.6	1.0	3.4	0.3	4.0	6.5	67.3
Gross expenditures	22.8	34.2	39.6	34.0	33.0	35.1	35.9	42.9	42.9	104.0
Federal transfers to provinces/territories1	(0.2)	(0.3)	(7.4)	(1.6)	(1.0)	(3.4)	(0.3)	(4.0)	(6.5)	(67.3)
Net expenditures	22.6	34.0	32.2	32.4	32.0	31.7	35.6	38.9	36.4	36.7
Nunavut										

Operating	22.3	24.2	21.9	24.5	24.7	30.0	41.8	42.0	45.8	43.2
Capital	8.3	71.8	62.7	91.8	66.6	68.7	12.0	4.8	12.5	4.6
Operating and capital	30.6	96.0	84.6	116.3	91.3	98.7	53.8	46.8	58.3	47.8
Transfer payments	18.0	23.5	3.4	6.7	0.0	3.0	0.5	0.3	6.9	8.7
Gross expenditures	48.6	119.5	88.0	123.0	91.3	101.7	54.3	47.1	65.2	56.5
Federal transfers to provinces/territories1	(18.0)	(23.5)	(3.4)	(6.7)	0.0	(3.0)	(0.5)	(0.3)	0.0	0.0
Net expenditures	30.6	96.0	84.6	116.3	91.3	98.7	53.8	46.8	65.2	56.5
Total (all provinces/territories)										
Operating	124.0	140.1	115.4	181.6	171.5	186.7	223.6	230.4	258.5	219.3
Capital	30.1	93.3	149.9	162.8	106.3	110.0	69.2	73.0	73.4	94.5
Operating and capital	154.2	233.4	265.3	344.4	277.8	296.7	292.8	303.4	331.9	313.8
Transfer payments	30.6	30.1	14.4	12.1	7.1	17.1	6.1	12.3	18.1	79.0
Gross expenditures	184.8	263.5	279.7	356.5	284.9	313.8	298.9	315.7	350.0	392.8
Federal transfers to provinces/territories1	(20.0)	(25.9)	(18.2)	(13.5)	(5.1)	(15.9)	(3.8)	(12.0)	(13.7)	(77.6)
Net expenditures	164.8	237.7	261.5	343.0	279.7	297.9	295.1	303.6	336.3	315.2
MARINE MODE										
Newfoundland and Labrador										
Operating	77.7	77.7	87.8	79.5	84.0	76.6	79.5	80.1	76.7	84.0
Capital	5.4	5.4	31.1	25.0	5.2	9.1	7.3	2.4	2.8	3.0
Operating and capital	83.1	83.1	118.9	104.5	89.2	85.7	86.8	82.5	79.5	87.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	83.1	83.1	118.9	104.5	89.2	85.7	86.8	82.5	79.5	87.0
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	(1.6)	0.0	0.0	0.0	0.0
Net expenditures	83.1	83.1	118.9	104.5	89.2	84.1	86.8	82.5	79.5	87.0
Nova Scotia										
Operating	10.2	10.5	10.2	10.5	10.4	11.9	12.5	12.7	12.3	12.7
Capital	0.6	0.7	3.9	4.1	3.4	1.5	3.2	4.5	12.8	4.7
Operating and capital	10.8	11.2	14.2	14.6	13.7	13.4	15.7	17.2	25.1	17.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	10.8	11.2	14.2	14.6	13.7	13.4	15.7	17.2	25.1	17.4
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(6.9)	(1.6)
Net expenditures	10.8	11.2	14.2	14.6	13.7	13.4	15.7	17.2	18.2	15.8
New Brunswick										
Operating	22.3	21.6	22.6	21.0	21.2	22.0	24.6	23.5	23.0	26.7
Capital	4.4	4.1	7.4	13.6	5.0	9.2	10.0	8.9	5.5	5.4
Operating and capital	26.7	25.7	30.0	34.6	26.2	31.2	34.6	32.4	28.5	32.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	26.7	25.7	30.0	34.6	26.2	31.2	34.6	32.4	28.5	32.0
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	26.7	25.7	30.0	34.6	26.2	31.2	34.6	32.4	28.5	32.0

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Net expenditures	2.0	1.6	2.1	1.5	1.8	1.9	2.2	2.1	2.2	1.8
British Columbia										
Operating	21.3	20.8	22.6	24.6	25.6	26.8	28.6	30.9	31.2	31.3
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	21.3	20.8	22.6	24.6	25.6	26.8	28.6	30.9	31.2	31.3
Transfer payments	201.3	198.0	193.1	189.4	192.0	193.0	220.2	241.9	546.0	240.7
Gross expenditures	222.6	218.8	215.7	214.0	217.6	219.8	248.8	272.8	577.2	272.0
Federal transfers to provinces/territories ¹	(28.1)	(28.5)	(28.4)	(28.7)	(29.1)	(29.8)	(30.5)	(31.3)	(186.0)	(32.2)
Net expenditures	194.5	190.3	187.3	185.3	188.5	190.0	218.3	241.5	391.2	239.8
Yukon										
Operating	0.0	0.0	1.4	1.5	1.5	1.5	1.5	1.7	1.4	1.3
Capital	0.0	0.0	0.2	0.2	0.4	0.5	0.8	0.2	0.4	0.2
Operating and capital	0.0	0.0	1.6	1.7	1.9	2.0	2.3	1.8	1.8	1.5
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	1.6	1.7	1.9	2.0	2.3	1.8	1.8	1.5
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	1.6	1.7	1.9	2.0	2.3	1.8	1.8	1.5
Northwest Territories										
Operating	5.0	8.1	7.8	8.7	7.6	37.4	54.5	52.1	42.5	47.7
Capital	6.6	1.0	1.0	1.0	0.3	4.2	2.0	0.6	18.0	9.1
Operating and capital	11.6	9.1	8.8	9.7	7.9	41.6	56.6	52.7	60.5	56.8
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.3	16.8	8.6
Gross expenditures	11.6	9.1	8.8	9.7	7.9	41.6	56.9	59.0	77.3	65.4
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	(0.3)	(6.3)	(16.8)	(8.6)
Net expenditures	11.6	9.1	8.8	9.7	7.9	41.6	56.5	52.7	60.5	56.8
Nunavut										
Operating	0.2	0.2	0.2	0.3	0.5	0.3	0.3	0.2	0.5	0.2
Capital	8.3	1.7	0.4	0.6	0.9	1.6	14.1	4.0	3.5	4.9
Operating and capital	8.5	1.9	0.6	0.9	1.4	1.9	14.4	4.2	4.0	5.1
Transfer payments	0.5	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.3	0.2
Gross expenditures	9.0	1.9	0.6	0.9	1.4	5.0	14.4	4.2	4.3	5.3
Federal transfers to provinces/territories ¹	(0.5)	0.0	0.0	0.0	0.0	(3.1)	0.0	0.0	0.0	0.0
Net expenditures	8.5	1.9	0.6	0.9	1.4	1.9	14.4	4.2	4.3	5.3
Total (all provinces/territories)										
Operating	252.4	255.2	295.0	306.9	291.2	336.5	382.0	410.5	424.3	381.9
Capital	31.1	15.1	44.5	61.9	30.0	86.3	464.8	132.5	112.1	150.2
Operating and capital	283.4	270.3	339.5	368.8	321.1	422.9	846.8	543.1	536.4	532.1
Transfer payments	212.8	209.5	204.8	199.5	203.8	204.8	229.9	254.8	572.9	254.1
Gross expenditures	496.2	479.8	544.3	568.3	524.9	627.6	1,076.7	797.9	1,109.3	786.2

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Operating and capital	1.2	1.2	1.3	1.3	1.6	1.0	1.0	2.2	2.2	2.1
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	1.2	1.2	1.3	1.3	1.6	1.0	1.0	2.2	2.2	2.1
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	1.2	1.2	1.3	1.3	1.6	1.0	1.0	2.2	2.2	2.1

ROAD MODE

Operating	170.0	170.0	152.8	189.4	180.9	159.3	170.0	159.3	150.4	164.4
Capital	118.9	118.9	100.0	88.5	38.7	111.1	124.4	151.0	109.5	97.0
Operating and capital	288.9	288.9	252.8	277.9	219.6	270.4	294.4	310.3	259.9	261.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	288.9	288.9	252.8	277.9	219.6	270.4	294.4	310.3	259.9	261.4
Federal transfers to provinces/territories ¹	(17.3)	0.0	(3.3)	(11.0)	(58.0)	(28.9)	(40.6)	(32.1)	(42.6)	(29.8)
Net expenditures	271.6	288.9	249.5	266.9	161.6	241.5	253.8	278.2	217.3	231.6

Nova Scotia

New Brunswick

Operating	152.8	129.5	137.2	128.0	130.7	144.3	160.0	155.0	148.3	179.6
Capital	720.4	236.0	243.5	343.2	357.7	366.7	384.1	257.7	293.6	307.8
Operating and capital	873.2	365.5	380.7	471.2	488.5	511.0	544.1	412.6	441.9	487.5
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	873.2	365.5	380.7	471.2	488.5	511.0	544.1	412.6	441.9	487.5
Federal transfers to provinces/territories ¹	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(23.9)	(25.3)	(17.0)	(19.8)	(37.8)
Net expenditures	651.9	348.6	372.9	452.8	474.9	487.1	518.7	395.6	422.1	449.7
Quebec										
Operating	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	10,080.1
Capital	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	2,688.7
Operating and capital	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	12,768.8
Transfer payments	138.6	203.3	203.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	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	12,768.8
Federal transfers to provinces/territories ¹	(112.3)	(99.5)	(75.2)	(52.7)	(49.7)	(233.0)	(302.1)	(412.2)	(251.6)	(146.4)
Net expenditures	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	12,622.4
Ontario										
Operating	468.8	472.2	495.7	515.3	522.8	576.5	654.9	642.5	702.1	817.6
Capital	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	3,571.9
Operating and capital	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	4,389.5
Transfer payments	27.3	22.5	44.3	34.1	77.3	51.5	73.2	70.6	63.2	97.4
Gross expenditures	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	4,486.9
Federal transfers to provinces/territories ¹	(33.4)	(37.4)	(35.0)	(43.8)	(67.0)	0.0	0.0	0.0	0.0	0.0
Net expenditures	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	4,486.9
Manitoba										
Operating	168.5	190.8	200.2	195.2	218.8	213.2	183.5	123.6	128.5	134.4
Capital	286.1	315.8	454.2	549.8	520.1	443.8	346.9	337.6	338.3	403.6
Operating and capital	454.6	506.6	654.4	745.0	738.9	657.0	530.4	461.3	466.9	538.1
Transfer payments	1.8	45.4	69.2	101.3	66.3	80.2	72.7	106.0	104.4	36.8
Gross expenditures	456.4	552.0	723.6	846.3	805.2	737.2	603.1	567.3	571.2	574.8
Federal transfers to provinces/territories ¹	(35.8)	(68.1)	(87.8)	(76.1)	(67.9)	(65.1)	(76.5)	(137.1)	(91.5)	(114.1)
Net expenditures	420.6	483.9	635.8	770.2	737.3	672.1	526.6	430.2	479.7	460.7
Saskatchewan										
Operating	233.6	233.6	258.2	229.6	236.2	205.4	214.8	231.0	255.0	268.1
Capital	296.3	347.1	390.9	501.0	851.5	887.5	624.5	397.0	448.0	454.3
Operating and capital	529.8	580.7	649.1	730.6	1,087.7	1,092.9	839.3	628.0	703.0	722.4
Transfer payments	41.3	36.3	36.2	23.7	24.1	26.8	24.0	24.1	53.4	39.3
Gross expenditures	571.1	617.0	685.3	754.3	1,111.8	1,119.7	863.3	652.1	756.4	761.7
Federal transfers to provinces/territories ¹	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)	(29.7)	(55.0)	(32.8)
Net expenditures	547.6	594.0	657.3	695.3	980.6	1,021.3	810.2	622.4	701.4	728.9

Alberta										
Operating	598.3	640.8	661.9	591.3	609.7	652.6	637.2	598.2	643.2	772.2
Capital	1,198.9	1,034.5	1,127.4	1,432.2	904.2	1,108.2	1,045.3	987.3	1,479.8	1,152.6
Operating and capital	1,797.2	1,675.3	1,789.2	2,023.5	1,513.9	1,760.7	1,682.5	1,585.5	2,123.0	1,924.8
Transfer payments	656.0	476.6	221.7	214.1	221.5	308.5	590.0	810.7	616.7	837.2
Gross expenditures	2,453.2	2,151.9	2,010.9	2,237.6	1,735.4	2,069.2	2,272.5	2,396.2	2,739.7	2,762.0
Federal transfers to provinces/territories1	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)	(662.5)	(415.6)	(839.3)
Net expenditures	2,110.3	1,947.8	1,724.5	2,005.0	1,467.3	1,745.8	1,818.2	1,733.7	2,324.2	1,922.7
British Columbia										
Operating	715.5	714.3	903.0	837.0	808.0	896.0	921.7	929.4	1,124.8	1,253.3
Capital	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0	957.2	1,290.2	1,367.0
Operating and capital	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	2,620.3
Transfer payments	37.4	19.4	24.9	77.5	56.8	84.0	100.0	64.7	87.1	35.4
Gross expenditures	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	2,655.7
Federal transfers to provinces/territories1	(146.4)	(126.7)	(93.0)	(163.0)	(112.0)	(120.0)	(29.0)	(22.7)	(45.2)	(49.9)
Net expenditures	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	2,605.8
Yukon										
Operating	44.3	48.7	50.3	53.1	52.9	52.3	52.9	51.0	53.2	54.7
Capital	54.0	43.2	48.8	51.5	49.1	52.4	59.8	62.7	75.1	84.6
Operating and capital	98.3	91.9	99.1	104.6	102.0	104.7	112.7	113.7	128.3	139.3
Transfer payments	0.0	1.0	0.4	0.4	0.5	0.8	0.4	0.5	0.7	2.4
Gross expenditures	98.4	92.9	99.4	105.0	102.5	105.5	113.1	114.2	129.0	141.7
Federal transfers to provinces/territories1	(7.8)	(5.6)	(14.1)	(13.3)	(19.1)	(27.1)	(11.6)	(14.4)	(22.4)	(28.7)
Net expenditures	90.5	87.3	85.3	91.8	83.4	78.4	101.5	99.8	106.6	113.0
Northwest Territories										
Operating	79.0	71.3	73.5	77.1	77.3	80.3	87.5	93.0	91.4	99.3
Capital	77.6	116.2	133.4	112.3	83.4	90.3	64.8	91.1	129.6	91.1
Operating and capital	156.6	187.4	206.9	189.3	160.7	170.6	152.3	184.1	221.0	190.4
Transfer payments	0.0	19.1	80.6	80.0	65.1	55.0	30.1	27.8	19.6	67.6
Gross expenditures	156.6	206.5	287.5	269.4	225.8	225.6	182.3	211.9	240.6	258.0
Federal transfers to provinces/territories1	(39.7)	(19.1)	(80.6)	(80.0)	(65.1)	(55.0)	(30.1)	(27.8)	(19.6)	(67.6)
Net expenditures	116.9	187.4	206.9	189.3	160.7	170.6	152.3	184.1	221.0	190.4
Nunavut										
Operating	2.2	2.3	2.6	2.7	3.0	6.7	5.5	3.6	4.4	2.3
Capital	0.0	0.0	0.0	0.0	2.7	2.8	3.5	0.0	1.9	0.1
Operating and capital	2.2	2.3	2.6	2.7	5.7	9.5	9.0	3.6	6.3	2.4
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.8	1.4	0.0	0.1	0.0
Gross expenditures	2.2	2.3	2.6	2.7	5.7	10.3	10.4	3.6	6.4	2.4
Federal transfers to provinces/territories1	0.0	(17.3)	0.0	0.0	0.0	(0.8)	(1.4)	0.0	0.0	0.0

Net expenditures	2.2	(15.0)	2.6	2.7	5.7	9.5	9.0	3.6	6.4	2.4
Total (all provinces/territories)										
Operating	3,904.5	6,121.7	6,509.3	6,978.7	6,309.8	7,376.7	5,681.1	6,049.5	8,084.3	14,369.3
Capital	8,171.9	7,849.2	7,382.6	9,946.2	10,050.0	10,000.1	9,320.7	9,339.6	10,691.0	10,782.4
Operating and capital	12,076.4	13,970.8	13,891.9	16,925.0	16,359.9	17,376.8	15,001.8	15,389.1	18,775.3	25,151.7
Transfer payments	902.4	823.6	680.5	531.1	511.5	607.6	891.7	1,104.4	945.2	1,116.1
Gross expenditures	12,978.8	14,794.4	14,572.5	17,456.1	16,871.4	17,984.3	15,893.5	16,493.5	19,720.5	26,267.8
Federal transfers to provinces/territories ¹	(1,004.0)	(646.6)	(742.9)	(791.0)	(889.0)	(1,014.1)	(1,079.5)	(1,428.5)	(1,078.5)	(1,481.1)
Net expenditures	11,974.8	14,147.8	13,829.6	16,665.1	15,982.3	16,970.2	14,814.0	15,065.0	18,642.1	24,786.7

Prince Edward Island										
Operating	0.0	0.1	0.1	0.1	0.7	0.4	0.2	0.1	1.9	1.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.1	0.1	0.1	0.7	0.4	0.2	0.1	1.9	1.9
Transfer payments	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	(1.0)	(1.0)
Gross expenditures	0.0	0.1	0.1	0.1	1.1	0.4	0.2	0.1	0.9	0.9
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	0.0	0.0	(0.2)	0.0	(0.1)	(1.0)	0.0
Net expenditures	0.0	0.1	0.1	0.1	1.1	0.2	0.2	0.0	(0.1)	0.9

Ontario										
Operating	0.0	0.0	0.0	0.0	0.0	3.4	7.9	0.7	0.0	17.7
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	0.0	0.0	3.4	7.9	0.7	0.0	17.7
Transfer payments	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	7,547.2
Gross expenditures	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	7,564.9
Federal transfers to provinces/territories ¹	0.0	0.0	0.0	(1,659.7)	(1,625.7)	(2,017.8)	(2,408.6)	(1,819.6)	(2,780.8)	(4,018.3)
Net expenditures	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	3,546.6

Transfer payments	3.0	48.2	40.9	50.5	52.6	1.3	18.7	142.3	95.7	82.8
Gross expenditures	46.3	48.2	40.9	50.5	52.6	1.3	18.7	142.3	95.7	82.8
Federal transfers to provinces/territories1	0.0	(16.4)	(1.5)	(5.6)	(5.9)	(9.4)	(32.9)	(29.7)	(2.1)	(7.8)
Net expenditures	46.3	31.8	39.4	44.9	46.7	(8.1)	(14.3)	112.6	93.5	75.0
Alberta										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	93.2	216.0	208.5	215.1	103.9	824.9	276.8	195.1	95.5	297.1
Gross expenditures	93.2	216.0	208.5	215.1	103.9	824.9	276.8	195.1	95.5	297.1
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	93.2	216.0	208.5	215.1	103.9	824.9	276.8	195.1	95.5	297.1
British Columbia										
Operating	209.7	299.9	328.0	287.4	212.3	74.8	105.0	157.4	441.1	282.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	209.7	299.9	328.0	287.4	212.3	74.8	105.0	157.4	441.1	282.9
Transfer payments	176.9	176.1	169.8	164.9	205.9	222.5	248.9	258.9	334.7	294.3
Gross expenditures	386.6	476.0	497.8	452.3	418.2	297.3	353.9	416.3	775.8	577.2
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	386.6	476.0	497.8	452.3	418.2	297.3	353.9	416.3	775.8	577.2
Yukon										
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0	0.0
Operating and capital	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.1	0.1	0.1	0.4	0.0	0.0	0.0	0.0
Gross expenditures	0.0	0.0	0.2	0.2	0.2	0.8	0.0	0.0	0.0	0.0
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	0.0	0.0	0.2	0.2	0.2	0.8	0.0	0.0	0.0	0.0
Total (all provinces/territories)										
Operating	1,838.6	2,222.9	2,024.4	287.5	213.0	78.6	113.1	158.2	443.0	302.5
Capital	492.8	707.5	684.5	0.1	0.1	0.4	0.0	0.0	0.0	0.0
Operating and capital	2,331.4	2,930.4	2,708.9	287.6	213.1	79.0	113.1	158.2	443.0	302.5
Transfer payments	3,301.9	3,545.7	4,075.2	4,883.1	4,788.0	7,130.5	6,872.9	7,300.8	11,257.2	10,940.5
Gross expenditures	5,633.3	6,476.1	6,784.1	5,170.7	5,001.1	7,209.6	6,986.0	7,459.0	11,700.2	11,243.0
Federal transfers to provinces/territories1	0.0	(16.4)	(56.4)	(1,743.3)	(1,663.1)	(2,086.9)	(2,452.2)	(1,898.8)	(3,029.9)	(4,184.7)
Net expenditures	5,633.3	6,459.7	6,727.7	3,427.4	3,338.0	5,122.7	4,533.8	5,560.3	8,670.2	7,058.3

OTHER MODES

Prince Edward Island

Operating	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal transfers to provinces/territories1	0.0	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
Quebec										
Operating	119.6	113.4	113.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	119.6	113.4	113.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	27.1	30.2	30.2	307.8	307.8	316.1	320.6	300.6	325.7	360.9
Gross expenditures	146.7	143.6	143.6	307.8	307.8	316.1	320.6	300.6	325.7	360.9
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	146.7	143.6	143.6	307.8	307.8	316.1	320.6	300.6	325.7	360.9
Ontario										
Operating	141.9	133.4	133.0	154.7	142.6	138.9	145.5	141.2	134.4	136.1
Capital	0.3	0.6	0.6	10.7	16.3	16.4	16.0	12.0	11.0	9.1
Operating and capital	142.2	134.0	133.6	165.4	158.9	155.3	161.6	153.2	145.4	145.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Gross expenditures	142.2	134.0	133.6	165.4	158.9	155.3	161.6	153.2	145.4	145.5
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	142.2	134.0	133.6	165.4	158.9	155.3	161.6	153.2	145.4	145.5
Manitoba										
Operating	74.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	84.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfer payments	0.0	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0	56.7
Gross expenditures	84.1	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0	56.7
Federal transfers to provinces/territories1	(5.7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	78.4	27.9	27.9	27.9	29.4	0.0	0.0	0.0	0.0	56.7
Alberta										
Operating	27.1	29.1	26.4	31.4	31.0	11.6	12.3	10.9	9.9	9.1
Capital	10.1	4.2	4.6	3.8	4.3	0.2	2.9	0.0	3.0	3.9
Operating and capital	37.2	33.3	31.0	35.1	35.3	11.7	15.2	10.9	12.9	13.0
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	37.2	33.3	31.0	35.1	35.3	11.7	15.2	10.9	12.9	13.0
Federal transfers to provinces/territories1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	37.2	33.3	31.0	35.1	35.3	11.7	15.2	10.9	12.9	13.0

Northwest Territories										
Operating	13.9	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9	10.9
Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating and capital	13.9	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9	10.9
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	13.9	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9	10.9
Federal transfers to provinces/territories1	(0.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	13.7	11.1	13.1	11.8	11.1	12.8	11.5	12.3	11.9	10.9
Total (all provinces/territories)										
Operating	376.9	287.0	285.9	197.9	184.7	163.3	169.3	164.4	156.2	156.1
Capital	20.2	4.8	5.2	14.5	20.6	16.6	18.9	12.0	14.0	13.0
Operating and capital	397.1	291.8	291.1	212.3	205.3	179.8	188.3	176.4	170.2	169.1
Transfer payments	27.1	58.1	58.1	335.7	337.2	316.1	320.6	300.6	325.7	418.0
Gross expenditures	424.2	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9	587.0
Federal transfers to provinces/territories1	(5.9)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net expenditures	418.3	349.9	349.2	548.0	542.5	495.9	508.9	477.0	495.9	587.0
TOTAL (ALL MODES)										
Newfoundland and Labrador										
Operating	268.2	268.2	251.8	287.3	274.6	245.5	260.3	248.9	237.4	257.2
Capital	126.2	126.2	171.7	131.4	44.8	120.5	131.9	154.3	113.7	100.0
Operating and capital	394.4	394.4	423.5	418.7	319.4	366.0	392.2	403.2	351.1	357.2
Transfer payments	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	395.6	395.6	423.5	418.7	319.4	366.0	392.2	403.2	351.1	357.2
Federal transfers to provinces/territories1	(18.5)	(1.2)	(5.9)	(13.3)	(59.2)	(31.8)	(41.5)	(33.8)	(44.8)	(33.0)
Net expenditures	377.1	394.4	417.6	405.4	260.2	334.2	350.7	369.4	306.3	324.2
Prince Edward Island										
Operating	82.4	69.8	76.4	70.4	69.0	70.8	74.5	81.3	88.6	88.7
Capital	39.3	39.0	38.5	49.0	39.2	49.0	52.6	85.6	106.0	93.2
Operating and capital	121.7	108.8	114.9	119.4	108.2	119.8	127.1	166.9	194.6	181.9
Transfer payments	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	(1.0)	(1.0)
Gross expenditures	121.7	108.8	114.9	119.4	108.6	119.8	127.1	166.9	193.6	180.9
Federal transfers to provinces/territories1	(3.1)	(10.0)	(9.1)	(9.1)	(13.7)	(22.5)	(17.5)	(37.0)	(40.8)	(44.0)
Net expenditures	118.6	98.8	105.8	110.3	94.9	97.3	109.6	129.9	152.8	136.9
Nova Scotia										
Operating	352.2	374.9	397.8	378.9	398.3	390.1	403.8	426.8	440.4	469.1
Capital	251.3	249.8	233.7	225.9	225.6	213.6	284.8	316.0	517.0	475.1
Operating and capital	603.5	624.6	631.5	604.7	623.9	603.7	688.7	742.8	957.4	944.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	603.5	624.6	631.5	604.7	623.9	603.7	688.7	742.8	957.4	944.2
Federal transfers to provinces/territories1	(20.5)	(18.9)	(22.5)	(32.0)	(23.7)	(16.2)	(38.0)	(36.1)	(82.2)	(92.4)

Net expenditures	583.0	605.7	609.0	572.7	600.2	587.5	650.7	706.7	875.2	851.8
New Brunswick										
Operating	175.6	151.6	160.2	149.5	152.4	166.8	185.1	178.9	171.8	206.8
Capital	724.9	240.3	251.0	357.0	362.9	375.9	394.2	266.7	299.4	313.3
Operating and capital	900.5	391.9	411.2	506.5	515.3	542.7	579.3	445.6	471.2	520.2
Transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross expenditures	900.5	391.9	411.2	506.5	515.3	542.7	579.3	445.6	471.2	520.2
Federal transfers to provinces/territories ¹	(221.3)	(16.9)	(7.8)	(18.4)	(13.6)	(23.9)	(25.3)	(17.0)	(19.8)	(37.8)
Net expenditures	679.2	375.0	403.4	488.1	501.7	518.8	554.0	428.6	451.4	482.4
Quebec										
Operating	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	10,344.4
Capital	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	2,809.7
Operating and capital	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	13,154.1
Transfer payments	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	3,081.0
Gross expenditures	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	16,235.1
Federal transfers to provinces/territories ¹	(119.8)	(107.0)	(137.4)	(143.5)	(81.3)	(292.5)	(312.7)	(461.6)	(497.6)	(305.0)
Net expenditures	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	15,930.1
Ontario										
Operating	632.6	630.6	653.4	694.5	690.8	745.2	836.0	815.1	866.7	1,004.4
Capital	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	3,667.3
Operating and capital	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	4,671.7
Transfer payments	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	7,649.5
Gross expenditures	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	12,321.2
Federal transfers to provinces/territories ¹	(33.4)	(37.4)	(35.0)	(1,703.5)	(1,692.7)	(2,017.8)	(2,408.6)	(1,819.6)	(2,780.8)	(4,018.3)
Net expenditures	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	8,302.9
Manitoba										
Operating	278.8	206.2	217.1	211.9	236.1	230.0	200.0	140.9	129.3	134.9
Capital	318.9	316.7	455.3	550.3	521.5	449.9	349.8	338.1	339.7	410.7
Operating and capital	597.8	522.9	672.4	762.2	757.6	679.9	549.8	479.0	469.0	545.6
Transfer payments	4.9	123.5	138.0	180.8	148.3	81.5	91.3	248.4	200.6	176.9
Gross expenditures	602.7	646.4	810.4	943.0	905.9	761.4	641.2	727.4	669.5	722.5
Federal transfers to provinces/territories ¹	(41.8)	(89.3)	(90.3)	(83.8)	(74.7)	(81.7)	(109.4)	(169.3)	(94.2)	(126.5)
Net expenditures	560.9	557.1	720.1	859.2	831.2	679.7	531.7	558.1	575.3	596.0
Saskatchewan										
Operating	241.3	240.4	265.2	236.6	243.8	211.9	220.8	238.2	262.7	276.1
Capital	299.3	349.3	391.6	517.4	851.5	887.5	627.8	399.3	451.3	465.4
Operating and capital	540.6	589.7	656.8	754.0	1,095.3	1,099.4	848.6	637.5	714.0	741.5
Transfer payments	42.1	37.0	36.9	23.7	24.1	26.8	24.0	25.1	54.8	39.3
Gross expenditures	582.6	626.7	693.7	777.7	1,119.4	1,126.2	872.6	662.6	768.8	780.8

Federal transfers to provinces/territories ¹	(23.5)	(23.0)	(28.0)	(59.0)	(131.2)	(98.4)	(53.1)	(29.7)	(55.0)	(32.8)
Net expenditures	559.1	603.7	665.7	718.7	988.2	1,027.8	819.5	632.9	713.8	748.0
Alberta										
Operating	627.4	671.5	690.4	624.2	642.5	666.0	653.6	613.2	656.9	785.5
Capital	1,209.0	1,038.7	1,132.0	1,436.0	908.5	1,108.3	1,048.2	987.3	1,482.9	1,156.5
Operating and capital	1,836.4	1,710.2	1,822.3	2,060.2	1,551.0	1,774.4	1,701.8	1,600.5	2,139.8	1,941.9
Transfer payments	751.8	694.2	430.2	429.3	325.4	1,133.3	866.8	1,005.8	712.2	1,134.3
Gross expenditures	2,588.1	2,404.4	2,252.5	2,489.5	1,876.4	2,907.7	2,568.6	2,606.3	2,852.0	3,076.3
Federal transfers to provinces/territories ¹	(342.9)	(204.1)	(286.5)	(232.6)	(268.1)	(323.4)	(454.3)	(662.5)	(415.6)	(839.3)
Net expenditures	2,245.2	2,200.3	1,966.1	2,256.9	1,608.4	2,584.2	2,114.3	1,943.8	2,436.5	2,237.0
British Columbia										
Operating	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	1,567.5
Capital	1,008.9	1,020.0	826.0	873.0	827.6	711.0	856.0	957.2	1,290.2	1,367.0
Operating and capital	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	2,934.5
Transfer payments	415.6	393.5	387.8	435.5	460.6	510.2	574.4	572.5	970.6	572.7
Gross expenditures	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	3,507.2
Federal transfers to provinces/territories ¹	(174.5)	(155.2)	(121.4)	(191.7)	(141.1)	(149.8)	(59.5)	(54.0)	(231.2)	(82.1)
Net expenditures	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	3,425.1
Yukon										
Operating	54.6	59.6	62.6	65.9	66.2	66.3	66.9	67.1	68.3	69.6
Capital	59.0	53.0	62.3	57.7	55.3	59.0	82.5	84.9	89.4	104.2
Operating and capital	113.5	112.6	124.9	123.7	121.5	125.3	149.4	152.0	157.8	173.8
Transfer payments	0.0	1.0	0.5	0.5	0.7	1.2	0.4	0.5	0.7	2.4
Gross expenditures	113.6	113.5	125.4	124.2	122.2	126.5	149.8	152.5	158.5	176.2
Federal transfers to provinces/territories ¹	(8.2)	(5.7)	(19.1)	(15.1)	(21.2)	(29.0)	(13.7)	(18.0)	(26.9)	(31.2)
Net expenditures	105.4	107.9	106.3	109.1	101.1	97.5	136.1	134.5	131.5	145.0
Northwest Territories										
Operating	114.1	120.1	120.7	127.6	123.6	160.3	184.1	185.9	178.2	185.5
Capital	90.9	121.5	140.4	115.7	88.1	96.5	71.8	102.1	151.6	109.3
Operating and capital	204.9	241.6	261.0	243.3	211.7	256.8	255.9	288.0	329.8	294.8
Transfer payments	0.0	19.3	88.0	81.6	66.1	58.4	30.7	38.1	42.9	143.5
Gross expenditures	204.9	260.9	349.0	324.9	277.8	315.2	286.6	326.1	372.7	438.3
Federal transfers to provinces/territories ¹	(40.1)	(19.3)	(88.0)	(81.6)	(66.1)	(58.4)	(30.7)	(38.1)	(42.9)	(143.5)
Net expenditures	164.8	241.6	261.0	243.3	211.7	256.8	255.9	288.0	329.8	294.8
Nunavut										
Operating	24.7	26.7	24.7	27.5	28.2	37.0	47.6	45.8	50.7	45.7
Capital	16.6	73.5	63.1	92.4	70.2	73.1	29.6	8.8	17.9	9.6
Operating and capital	41.3	100.2	87.8	119.9	98.4	110.1	77.2	54.6	68.6	55.3
Transfer payments	18.5	23.5	3.4	6.7	0.0	6.9	1.9	0.3	7.3	8.9

Gross expenditures	59.8	123.7	91.2	126.6	98.4	117.0	79.1	54.9	75.9	64.2
Federal transfers to provinces/territories ¹	(18.5)	(40.8)	(3.4)	(6.7)	0.0	(6.9)	(1.9)	(0.3)	0.0	0.0
Net expenditures	41.3	82.9	87.8	119.9	98.4	110.1	77.2	54.6	75.9	64.2
Total (all provinces/territories)										
Operating	6,499.3	9,029.2	9,233.7	7,957.0	7,174.4	8,146.4	6,573.9	7,019.2	9,372.5	15,435.3
Capital	8,746.1	8,670.1	8,270.5	10,189.7	10,208.1	10,214.5	9,884.3	9,582.1	10,931.7	11,081.3
Operating and capital	15,245.4	17,699.4	17,504.2	18,146.7	17,382.5	18,360.9	16,458.2	16,601.4	20,304.2	26,516.6
Transfer payments	4,563.6	4,782.2	5,118.2	6,056.3	5,926.9	8,351.7	8,412.8	9,060.2	13,119.1	12,807.6
Gross expenditures	19,809.0	22,481.6	22,622.4	24,203.0	23,309.4	26,712.6	24,871.0	25,661.5	33,423.3	39,324.3
Federal transfers to provinces/territories ¹	(1,066.0)	(728.8)	(854.3)	(2,590.2)	(2,586.5)	(3,152.4)	(3,566.3)	(3,377.0)	(4,331.8)	(5,785.8)
Net expenditures	18,743.0	21,752.7	21,768.1	21,612.7	20,723.0	23,560.2	21,304.7	22,284.6	29,091.5	33,538.4

Note: R= Revised, P=Preliminary

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

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

Table M1: Port Classifications, as of December 31, 2022

	<i>Federal</i>	<i>Provincial</i>	<i>Local</i>	<i>Total</i>
Federal Agency Ports				
Canada Port Authorities	17	N/A	N/A	17
Harbour Authorities	0	N/A	N/A	0
Ports Operated by Transport Canada				
Regional/Local	17	N/A	N/A	17
Remote	16	N/A	N/A	16
Ports Transferred¹				
From Transport Canada	69	48	155	272
Status of Other Former Transport Canada Ports				
Demolished	17	N/A	N/A	17
Interests Terminated	24	N/A	N/A	24
Deproclaimed ²	216	N/A	N/A	216

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, 2011–2022**(Status as of December 31, 2022)**

<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>	<i>2022</i>
Newfoundland and Labrador	7	7	6	3	3	3	3	2	2	2	2	2
Nova Scotia	2	2	2	2	2	1	1	0	0	0	0	0
Prince Edward Island	1	1	0	0	0	0	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0	0	0	0	0	0	0
Quebec	27	26	25	25	25	25	24	24	24	20	19	19
Ontario	8	8	8	8	8	7	7	7	7	6	6	5
Manitoba	1	1	1	1	1	1	1	1	0	0	0	0
Saskatchewan	0	0	0	0	0	0	0	0	0	0	0	0
Alberta	1	1	1	1	1	1	1	1	1	1	1	1
British Columbia	15	15	13	10	10	10	10	9	6	6	6	6
Northwest Territories	0	0	0	0	0	0	0	0	0	0	0	0
Total	62	61	56	50	50	48	47	44	40	35	34	33

Source: Transport Canada, Port Program Management

Table M3: Status of Transport Canada Port Facilities

(Status as of December 31, 2022)

<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>Deproclaimed¹</i>	<i>Remainin g</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	5	54	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
Total	48	68	153	17	24	215	33	558	25

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, 2021

	(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-Oshawa</i>
Operating revenues	274,671	117,667	46,615	45,957	22,323	7,606	63,617	4,838	37,270
Operating expenses	171,705	99,711	30,446	60,821	17,190	6,483	34,985	4,495	24,064
Operating income	102,966	17,956	16,169	(14,864)	5,133	1,123	28,632	342	13,206
Gross revenue charge	7,516	4,387	2,188	2,171	760	152	3,169	93	1,644
Other revenues/(expenses)	293	7,509	5,135	1,472	948	1,093	2,539	392	2,572
Comprehensive Income	95,743	21,078	19,116	(15,563)	5,321	2,063.910	28,002	641	14,133
<i>Other Information</i>									
Acquisition of capital assets	266,365	111,324	13,444	24,663	59,896	447	42,160	356	21,418
Total assets	2,499,910	825,458	266,269	220,803	160,909	47,147	432,565	17,503	193,521
Equity	2,146,343	444,520	232,597	100,948	113,904	41,617	316,237	11,701	171,329
<i>Ratios</i>									
Operating ratio	62.5%	84.7%	65.3%	132.3%	77.0%	85.2%	55.0%	92.9%	64.6%
Return on assets	3.8%	2.6%	7.2%	-7.0%	3.3%	4.4%	6.5%	3.7%	7.3%
	<i>Thunder</i>								
<i>Financial Information</i>	<i>Nanaimo</i>	<i>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	8,811	3,416	39,675	1,469	5,824	24,651	11,519	8,222	724,150
Operating expenses	8,616	3,455	43,336	1,326	3,379	15,315	7,923	6,520	539,771
Operating income	195	(39)	(3,661)	143	2,444	9,336	3,596	1,702	184,379
Gross revenue charge	178	74	833	37	120	888	288	169	24,666
Other revenues/(expenses)	1,163	317	9,746	319	132	9,649	1,569	98	44,945
Comprehensive Income	1,180	204	5,252	425	2,456	18,098	4,877	1,632	204,659
<i>Other Information</i>									
Acquisition of capital assets	409	470	4,716	257	772	6,116	2,707	8,707	564,226
Total assets	45,525	45,413	317,951	14,986	34,456	346,730	116,624	86,279	5,672,051
Equity	27,269	44,521	213,280	13,885	31,856	146,326	78,733	60,389	4,195,456
<i>Ratios</i>									
Operating ratio	97.8%	101.1%	109.2%	90.3%	58.0%	62.1%	68.8%	79.3%	74.5%
Return on assets	2.6%	0.4%	1.7%	2.8%	7.1%	5.2%	4.2%	1.9%	3.6%

Sources: CPAs 2021 Audited Financial Statements

¹ - 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, 2020 and 2021

(Thousands of dollars)

	<i>Operating revenues</i>		<i>Operating expenses</i>		<i>Gross Revenue Charge</i>		<i>Other revenues/(expenses)</i>		<i>Comprehensive Income</i>	
<i>Canada Port Authorities</i>	<i>2021</i>	<i>2020</i>	<i>2021</i>	<i>2020</i>	<i>2021</i>	<i>2020</i>	<i>2021</i>	<i>2020</i>	<i>2021</i>	<i>2020</i>
Metro Vancouver	274,671	274,082	171,705	146,418	7,516	7,504	293	(4,059)	95,743	116,101
Montreal	117,667	116,562	99,711	95,589	4,387	4,350	7,509	(2,225)	21,078	14,398
Halifax	46,615	43,333	30,446	29,530	2,188	1,987	5,135	(2,367)	19,116	9,449
Quebec	45,957	37,338	60,821	32,980	2,171	1,641	1,472	(4,282)	(15,563)	(1,565)
Saint John	22,323	16,532	17,190	14,824	760	488	948	806	5,321	2,026
St. John's	7,606	7,972	6,483	6,630	152	161	1,093	(654)	2,064	527
Prince Rupert	63,617	67,169	34,985	34,332	3,169	3,343	2,539	225	28,002	29,719
Port Alberni	4,838	3,642	4,495	3,976	93	70	392	29	641	(375)
Hamilton-Oshawa	37,270	31,555	24,064	23,132	1,644	1,312	2,572	(1,313)	14,133	5,798
Nanaimo	8,811	8,107	8,616	9,459	178	162	1,163	(272)	1,180	(1,786)
Thunder Bay	3,416	3,271	3,455	2,937	74	74	317	422	204	682
Toronto	39,675	36,609	43,336	43,596	833	1,036	9,746	(11,524)	5,252	(19,547)
Windsor	1,469	1,463	1,326	1,392	37	33	319	173	425	211
Saguenay	5,824	4,652	3,379	2,670	120	95	132	193	2,456	2,080
Sept-Îles	24,651	24,612	15,315	13,208	888	899	9,649	2,331	18,098	12,836
Trois-Rivières	11,519	9,995	7,923	7,651	288	228	1,569	88	4,877	2,204
Belledune	8,222	8,102	6,520	5,921	169	168	98	(379)	1,632	1,634
Oshawa ¹										
Total	724,150	694,996	539,771	474,245	24,666	23,551	44,945	(22,808)	204,659	174,392

*Sources: CPAs 2020 and 2021 Audited Financial Statements*¹ - 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 - 2022-23

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23 ^r
Revenues	10.4	9.3	8.8	8.7	8.1	8.1	8.5	8.4	8.2	4.9	4.9	6.6
Expenses	12.3	12.1	12.2	11.6	11.7	12.2	11.3	14.7	16.9	8	11.1	11.5
Operating Income	(1.9)	(2.8)	(3.4)	(2.9)	(3.6)	(4.1)	(2.8)	(6.3)	(8.7)	(3.1)	(6.2)	(4.9)
Capital Expenditures	11.6	6.2	11.9	8.4	4.8	3.9	4.4	12.2	8.8	1.3	9.3	0.9
Grants and Contributions	28.2	12.9	24.3	3.0	0.1	5.4	0.8	0.4	150.4	0	44.8	0
Net Income	(41.7)	(21.9)	(39.6)	(14.3)	(8.4)	(13.4)	(8.0)	(18.9)	(167.9)	(4.4)	(60.3)	(5.8)

Note: F= Forecast (at P11 - March 31, 2023)

Source: Transport Canada, Air, Marine and Environmental Programs

Table M7: St. Lawrence Seaway Financial Performance, 2013/14–2022/23

(Thousands of dollars)

<i>Year</i>	<i>Revenues</i>	<i>Expenditures</i>	<i>Excess of Revenue Over Expenses</i>	<i>Net Excess of Revenue Over Expenses²</i>
2013/14	68,526	160,768	(92,242)	16,297
2014/15	77,894	169,687	(91,793)	20,083
2015/16 ¹	71,894	179,359	(107,465)	23,058
2016/17	70,693	163,551	(92,858)	20,444
2017/18	80,649	127,770	(47,121)	20,184
2018/19	84,379	113,153	(28,774)	18,424
2019/20	79,759	125,165	(45,406)	15,362
2020/21	81,855	135,010	(51,355)	7,234
2021/22	85,337	129,415	(44,078)	15,652
2022/23	85,582	174,253	(88,671)	(32,120)

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

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

2 Following contribution from Capital Trust Fund.

Source: St. Lawrence Seaway Management Corporation

Table M8: Pilotage Authorities Financial Results, 2010–2019

(Thousands of dollars)

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

Sources: Pilotage Authorities' Annual Reports, various years

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

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

Notes:

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

2 Laurentian Pilotage Authority: Contract pilots and FTEs.

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

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

Sources: Pilotage Authorities' Annual Reports, various years

Table M10: Canadian-Registered Fleet by Vessel Type, selected years

<i>Type of Carriers</i>	<i>Gross Tonnage (000s)</i>			<i>Number of Vessels</i>		
	<i>2002</i>	<i>2012</i>	<i>2022</i>	<i>2002</i>	<i>2012</i>	<i>2022</i>
Dry bulk	1,165	1,293	898	65	71	42
Tankers	559	657	329	24	29	24
General cargo	206	147	469	27	20	46
Ferries	365	397	324	61	67	69
Other	35	39	257	6	6	20
Total	2,330	2,532	2,277	183	193	201

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, 2018 – 2022**Number of transits¹**

<i>Vessel Type</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
Cargo	1,818	1,857	1,738	2,205	3,002
Container	4,129	4,087	3,615	3,961	4,027
Dry Bulk	8,720	8,677	8,078	8,534	7,763
Ferry/Ro-Ro	9,872	9,698	8,952	10,719	8,957
Fishing	3,690	3,455	3,348	4,264	3,964
Government/Research	17,090	19,165	19,253	16,457	15,116
Others/Special Ships	4,326	4,650	4,637	4,095	4,852
Passenger/Cruise	16,567	15,704	10,372	12,264	15,619
Pleasure Vessels	8,411	10,140	9,269	12,676	15,191
Tankers	5,672	5,441	4,551	4,434	4,294
Tugs/Port	57,237	60,203	48,307	57,074	59,677
Total	137,532	143,077	122,120	136,683	142,462

Number of nautical miles sailed²

<i>Vessel Type</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
Cargo	1,787,081	1,948,853	1,876,333	1,808,026	1,998,670
Container	2,661,462	2,636,679	2,500,241	2,830,314	2,794,711
Dry Bulk	5,342,020	5,179,701	4,970,884	5,184,812	4,518,805
Ferry/Ro-Ro	2,654,407	2,694,673	2,327,548	2,642,602	2,555,545
Fishing	4,110,759	4,490,841	4,400,471	5,226,532	4,889,359
Government/Research	1,606,286	1,599,155	1,685,745	1,760,821	1,590,293
Others/Special Ships	884,262	912,309	778,725	766,690	1,077,208
Passenger/Cruise	1,971,444	2,353,241	1,004,924	1,658,413	2,933,147
Pleasure Vessels	2,631,781	3,355,349	1,805,201	2,907,669	4,198,618
Tankers	2,891,915	2,915,909	2,473,256	2,689,249	2,460,684
Tugs/Port	3,365,929	3,516,866	3,294,007	3,524,855	3,513,063
Total	29,907,346	31,603,577	27,117,336	30,999,983	32,530,105

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

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

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

Source: Transport Canada, Automated Information System (AIS)

Table M12: Vessel Trips in Canadian Waters, by Vessel Flag, 2018–2022

Number of transits¹					
<i>Vessel Flag</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
Canada	118,048	123,631	108,997	120,185	123,417
United States	2,823	3,083	1,440	2,049	3,070
International	16,661	16,363	13,555	14,449	15,975
Total	137,532	143,077	123,992	136,683	142,462

Number of nautical miles sailed²					
<i>Vessel Flag</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
Canada	15,671,243	17,163,225	15,402,253	18,621,963	18,058,383
United States	3,470,220	3,714,511	2,339,420	2,700,599	3,767,337
International	10,765,883	10,725,842	9,375,664	9,677,421	10,704,384
Total	29,907,346	31,603,577	27,117,336	30,999,983	32,530,105

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

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

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

Source: Transport Canada, Automated Information System (AIS)

**Table M13: Total Tonnage Handled by Canada's Port Authorities,
2013–2022**

	(Millions of tonnes)	
	<i>CPA Total Cargo Tonnage</i>	<i>Year-to-Year Change (%)</i>
2013 ^R	313.8	
2014 ^R	311.2	(0.8)
2015 ^R	306.7	(1.4)
2016 ^R	310.7	1.3
2017	335.3	7.9
2018 ^R	342.7	2.2
2019	348.0	1.5
2020	346.1	(0.5)
2021 ^R	344.1	(0.6)
2022 ^P	339.7	(1.3)

CAGR 2013-2022 (%) 0.9

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

Source: Derived from Table M17.

Table M14: St. Lawrence Seaway Cargo Traffic, 2010–2022

(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	29.8	27.7
2022	29.0	25.8

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

Table M15: St. Lawrence Seaway Traffic¹, by Commodity, 2010-2022

(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	36.5
2011	8.6	8.8	1.9	3.7	14.4	37.5
2012	8.6	10.3	2.0	4.6	13.5	39.0
2013	8.4	9.9	1.6	4.5	12.6	37.0
2014	12.1	6.9	3.2	4.2	13.6	39.9
2015	10.9	7.2	2.7	2.5	13.0	36.2
2016	11.3	6.2	2.6	2.3	12.6	35.0
2017	10.1	8.2	3.3	2.3	14.3	38.3
2018	12.3	7.5	3.3	2.5	15.3	41.0
2019	10.5	6.9	2.2	2.4	16.3	38.4
2020	13.3	6.1	2.3	2.4	13.6	37.7
2021	10.6	6.9	3.9	2.1	14.6	38.1
2022	10.0	6.2	3.1	1.8	15.2	36.3

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, 2013-2022

(Thousands of passengers)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 ^P
Vancouver-Fraser	812.4	812.1	805.4	826.8	842.9	889.2	1,070.9	0.0	0.0	810.1
Victoria	450.0	467.0	563.1	550.0	600.0	640.0	709.0	0.0	0.0	735.0
Montreal	55.6	56.5	71.3	69.2	91.6	101.5	90.1	0.0	0.0	38.0
Quebec	122.7	135.0	122.0	108.9	145.6	230.9	236.7	0.0	0.0	92.0
Saint John	166.6	106.5	119.2	143.9	147.7	159.5	196.0	0.0	0.0	147.9
Halifax	252.1	217.3	222.3	238.2	292.7	316.9	323.7	0.0	0.0	239.5
Sydney	99.4	82.6	89.7	82.2	118.4	130.2	150.7	0.0	0.0	100.7
Total	1,958.8	1,877.0	1,993.0	2,019.2	2,238.9	2,468.2	2,777.2	0.0	0.0	2,163.2

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), 2013-2022

	(millions of tonnes)										
	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017	2018 ^R	2019	2020	2021 ^R	2022 ^P	CAGR (%)
Vancouver-Fraser	135.0	139.6	138.2	135.5	142.1	147.1	144.2	145.5	146.5	141.4	0.5
Montreal	28.2	30.4	32.0	35.4	38.0	38.9	40.6	35.1	34.0	36.0	2.5
Sept-Iles	27.7	23.8	22.7	22.9	24.2	25.4	29.3	33.1	32.1	33.4	1.9
Quebec	27.1	24.3	21.4	24.8	27.6	27.6	29.0	27.0	28.3	27.7	0.2
Saint John	27.7	23.9	26.4	26.4	30.5	25.1	25.4	26.0	28.8	27.5	-0.1
Prince Rupert	23.0	20.7	19.7	18.5	24.2	26.2	29.8	32.4	25.6	24.6	0.7
Hamilton-Oshawa ¹	10.3	10.9	9.6	9.7	10.3	12.2	10.6	10.9	11.4	10.4	0.1
Halifax	8.6	7.8	7.6	8.3	8.9	9.0	8.6	8.3	8.8	9.7	1.2
Thunder Bay	6.5	9.3	8.9	8.8	8.8	8.7	9.3	10.2	8.6	8.2	2.4
Windsor	6.0	5.4	5.6	4.8	5.1	5.2	4.7	4.5	4.2	5.6	-0.7
Trois-Rivières	2.7	3.8	3.1	2.8	2.6	3.8	4.2	3.3	3.9	4.3	4.8
Nanaimo	3.8	4.1	4.4	5.4	5.5	5.3	4.6	3.3	4.3	4.1	0.8
Toronto	1.6	1.9	1.7	1.8	2.2	2.2	2.2	2.2	2.3	2.3	3.7
Belledune	1.7	1.7	1.8	2.0	2.0	2.4	2.2	1.7	1.8	1.9	1.1
St. John's	1.8	1.6	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.4	-2.5
Saguenay	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.5	1.2	0.6	7.2
Port Alberni	1.8	1.7	1.6	1.6	1.3	1.5	1.0	0.6	0.9	0.6	-10.4
Total	313.8	311.2	306.7	310.7	335.3	342.7	348.0	346.1	344.1	339.7	0.8

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

Totals may not add up due to rounding.

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

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

Table M18: Containerized Freight Volumes for Selected Ports, 2013-2022

	(Thousands of TEUs)									
	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019	2020	2021	2022 ^P
Vancouver-Fraser										
Total containers	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	3,557.3
Empty containers	281.3	368.1	446.0	323.0	472.8	533.5	567.5	626.9	891.5	1,018.9
Montreal										
Total containers	1,356.8	1,402.4	1,369.7	1,447.6	1,537.7	1,679.4	1,745.2	1,607.3	1,728.1	1,723.0
Empty containers	159.1	168.5	100.7	179.6	185.8	237.1	225.3	218.3	300.7	275.0
Prince Rupert										
Total containers	536.4	618.1	776.4	736.7	926.5	1,036.0	1,210.8	1,141.4	1,054.8	1,035.6
Empty containers	83.0	102.3	186.9	133.2	236.6	259.9	340.0	304.2	349.0	363.2
Halifax										
Total containers	442.2	400.1	418.4	480.7	559.2	547.4	546.7	507.2	595.8	601.7
Empty containers	67.7	60.5	69.5	67.1	85.8	82.8	93.3	90.7	125.8	138.4
Saint John										
Total containers	76.3	89.6	97.5	90.3	57.4	59.1	68.9	79.1	86.9	150.2
Empty containers	34.8	41.9	46.7	42.2	25.0	24.7	30.3	29.7	30.5	38.4
Total										
Total containers	5,237.2	5,430.1	5,716.5	5,684.9	6,333.0	6,718.3	6,970.5	6,802.5	7,144.6	7,067.8
Empty containers	625.9	741.3	849.8	745.1	1,006.0	1,138.0	1,256.4	1,269.8	1,697.5	1,833.9

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, 2022

(Millions of dollars)

				<i>Percentage Share in Per Cent</i>		
	<i>Marine Exports ¹</i>	<i>Marine Imports</i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
<i>Canada/U.S.</i>						
Mineral Products	25,027	21,968	46,995	79.2	92.6	85.0
Metals	4,589	51	4,640	14.5	0.2	8.4
Chemicals & Allied Industries	286	1,144	1,429	0.9	4.8	2.6
Vegetable Products	1,005	16	1,021	3.2	0.1	1.8
Machinery & Electrical	137	140	276	0.4	0.6	0.5
Foodstuffs	191	73	264	0.6	0.3	0.5
Animals & Animal Products	59	135	194	0.2	0.6	0.4
Wood & Wood Products	130	36	166	0.4	0.2	0.3
Transportation Equipment	29	114	143	0.1	0.5	0.3
Miscellaneous	83	13	96	0.3	0.1	0.2
Plastics & Rubbers	28	10	38	0.1	0.0	0.1
Stone & Glass	5	13	17	0.0	0.1	0.0
Textiles	11	2	13	0.0	0.0	0.0
Raw Hides, Skins, Leather, & Furs	4	0	4	0.0	0.0	0.0
Footwear & Headgear	3	0	3	0.0	0.0	0.0
Total Canada/U.S. Marine Trade	31,585	23,713	55,298	100.0	100.0	100.0
				<i>Percentage Share in Per Cent</i>		
	<i>Marine Exports ¹</i>	<i>Marine Imports ²</i>	<i>Marine Total</i>	<i>Marine Exports</i>	<i>Marine Imports</i>	<i>Marine Total</i>
<i>Canada/Other Countries</i>						
Mineral Products	37,366	16,022	53,389	31.3	9.4	18.4
Machinery & Electrical	3,926	32,269	36,195	3.3	19.0	12.5
Metals	9,432	22,744	32,175	7.9	13.4	11.1
Vegetable Products	25,637	4,930	30,567	21.5	2.9	10.6
Chemicals & Allied Industries	14,685	14,953	29,638	12.3	8.8	10.2
Transportation Equipment	3,974	17,319	21,293	3.3	10.2	7.4
Miscellaneous	1,233	13,519	14,752	1.0	7.9	5.1
Foodstuffs	3,536	10,623	14,159	3.0	6.2	4.9
Wood & Wood Products	10,204	3,510	13,714	8.6	2.1	4.7
Textiles	527	12,132	12,660	0.4	7.1	4.4
Plastics & Rubbers	1,735	9,376	11,111	1.5	5.5	3.8
Animals & Animal Products	5,415	3,299	8,714	4.5	1.9	3.0
Stone & Glass	1,409	4,704	6,113	1.2	2.8	2.1
Footwear & Headgear	31	3,427	3,458	0.0	2.0	1.2
Raw Hides, Skins, Leather, & Furs	196	1,359	1,555	0.2	0.8	0.5
Total Canada/Other Countries Marine Trade	119,305	170,188	289,492	100.0	100.0	100.0

Notes: Preliminary data for 2022.

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, 2012–2022

<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>2022</i>	<i>Change 2022/2021 (Per cent)</i>
January	25.2	23.3	27.1	27.7	25.3	26.3	28.9	28.5	25.8	34.1	50.0	-31.8
February	24.2	25.5	29.1	29.3	24.7	27.0	29.1	32.7	32.7	35.3	45.5	-22.3
March	22.5	25.4	27.4	29.7	24.2	24.5	30.3	29.2	27.9	34.0	40.7	-16.5
April	23.9	24.4	27.5	25.6	22.9	24.1	24.8	24.1	25.9	34.7	37.7	-8.0
May	23.2	23.7	24.4	24.8	23.1	24.3	25.4	24.0	25.9	33.9	37.7	-10.0
June	24.9	23.5	24.0	24.8	23.8	24.4	25.5	24.2	25.9	32.4	39.1	-17.2
July	23.8	23.4	25.4	23.0	23.9	24.4	26.6	24.5	27.9	36.0	40.2	-10.4
August	23.1	24.4	27.9	23.5	24.3	24.9	27.0	24.7	32.5	34.3	39.6	-13.5
September	22.8	24.6	26.9	23.8	22.9	25.5	26.9	24.0	31.9	29.8	36.7	-18.8
October	23.4	24.6	25.5	24.4	23.2	25.8	28.4	24.1	32.9	32.1	36.5	-12.0
November	23.7	23.9	24.9	23.3	24.3	25.4	28.0	26.0	33.0	34.0	37.6	-9.5
December	23.7	25.2	26.8	24.7	26.8	27.1	28.4	25.1	34.0	43.6	37.2	17.2
Annual Average	23.7	24.3	26.4	25.4	24.1	25.3	27.4	25.9	29.7	34.5	39.9	-13.5

Source: Transport Canada, Policy Group

Table M21: Key Performance Indicators for Selected Intermodal Container Ports, 2022

British Columbia Ports¹

<i>Indicators</i>	<i>2022</i>	<i>2021</i>	<i>2020</i>	<i>2019-21 Average</i>
Container volumes - TEUs	4,592,939	4,733,788	4,608,911	4,650,780
Import Share - %	51.8	52.2	54.2	53.0
Import rail container dwell time - days	6	3.9	3.8	3.6
Vessel on-time performance - %	25.9	22.0	39.5	37.5
End-to-end transit time – Shanghai to Chicago - days	39.0	33.8	27.9	29.0
U.S. comparison – Shanghai to Chicago via Seattle/Tacoma - days	47.6	48.2	29.2	35.2
U.S. comparison – Shanghai to Chicago via LA/Long Beach - days	42.0	42.8	27	32.1

Canadian East Coast Ports²

<i>Indicators</i>	<i>2022</i>	<i>2021</i>	<i>2020</i>	<i>2019-21 Average</i>
Container volumes - TEUs	2,324,405	2,323,864	2,114,473	2,242,424
Import Share - %	50.2	49.1	50.4	49.6
Import rail container dwell time - days	7.2	4.4	4.3	3.8
End-to-end transit time – Antwerp to Chicago - days	25.4	22.3	22.1	21.1

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, 2021

	<i>2021 Total Length of First Main Track Operated</i>	<i>2020 Total Length of First Main Track Operated</i>	<i>Percent of Total 2021</i>	<i>Percentage Change Over Previous YearR</i>
CN	21,747	21,904	50.1	(0.7)
CPR	13,063	13,063	30.1	0.0
VIA Rail	285	285	0.7	0.0
Railways	8,321	9,665	19.2	(13.9)
Total	43,416	44,917	100.0	(3.3)

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, 2012–2021

(Millions of dollars)

	2012	2013	2014	2015	2016	2017	2018	2019	2020 ^R	2021
CN	6,821	7,179	8,135	8,292	7,980	8,800	9,604	10,173	9,551	9,915
CPR	4,279	4,525	4,809	4,798	4,609	4,800	5,367	5,837	6,058	6,125
VIA	545	568	585	568	580	627	654	680	502	497
Subtotal - Class I	11,645	12,271	13,530	13,658	13,169	14,228	15,625	16,690	16,111	16,537
Regional	355	385	379	327	257	249	291	330	344	376
Shortlines	348	373	449	441	406	414	421	485	483	464
Total	12,348	13,029	14,357	14,426	13,832	14,891	16,337	17,505	16,938	17,377

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, 2012–2021

	2012	2013	2014	2015	2016	2017	2018	2019	2020 ^R	2021
Locomotives										
<i>Freight or Passenger</i>										
Class I	2,367	2,434	2,421	2,394	2,366	2,280	2,419	2,399	2,210	2,180
Class II	484	505	561	610	576	534	539	538	530	548
Total	2,851	2,939	2,982	3,004	2,942	2,814	2,958	2,937	2,740	2,728
<i>Switching and other uses</i>										
Class I	462	390	364	359	473	341	363	293	285	273
Class II	68	75	65	71	85	84	87	89	90	102
Total	530	465	429	430	558	425	450	382	375	375
<i>Total Locomotives</i>										
Class I	2,829	2,824	2,785	2,753	2,839	2,621	2,782	2,692	2,495	2,453
Class II	552	580	626	681	661	618	626	627	620	650
Total	3,381	3,404	3,411	3,434	3,500	3,239	3,408	3,319	3,115	3,103
Passenger Cars										
Class I	507	519	519	519	487	480	480	451	423	403
Class II	142	137	139	158	154	153	164	164	165	163
Total	649	656	658	677	641	633	644	615	588	566
Freight Cars										
<i>Boxcars</i>										
Class I	12,861	10,947	10,641	9,822	8,349	8,575	7,488	7,895	7,361	6,893
Class II	3,236	2,896	3,755	4,048	3,834	3,957	4,026	3,984	3,950	3,941
Total	16,097	13,843	14,396	13,870	12,183	12,532	11,514	11,879	11,311	10,834
<i>Flatcars</i>										
Class I	12,770	12,143	12,091	12,191	12,447	14,230	15,097	15,315	14,425	15,171
Class II	1,040	832	980	902	815	825	868	853	921	916
Total	13,810	12,975	13,071	13,093	13,262	15,055	15,965	16,168	15,346	16,087
<i>Gondolas</i>										
Class I	10,378	8,687	8,584	7,796	8,365	8,984	9,698	9,518	9,205	8,422
Class II	461	404	369	403	401	426	425	427	345	431
Total	10,839	9,091	8,953	8,199	8,766	9,410	10,123	9,945	9,550	8,853
<i>Hopper Cars</i>										
Class I	25,002	21,447	20,204	19,155	18,140	15,294	19,523	20,645	20,960	20,391
Class II	1,212	1,212	1,212	1,212	1,255	1,261	1,261	1,261	1,176	1,176
Total	26,214	22,659	21,416	20,367	19,395	16,555	20,784	21,906	22,136	21,567

Other Freight Cars

Class I	93	78	73	113	113	676	590	597	621	576
Class II	1,800	1,806	1,805	1,811	1,837	1,832	1,909	1,917	1,917	1,902
Total	1,893	1,884	1,878	1,924	1,950	2,508	2,499	2,514	2,538	2,478

Total Freight Cars

Class I	61,104	53,302	51,593	49,077	47,414	47,759	52,396	53,970	52,572	51,453
Class II	7,749	7,150	8,121	8,376	8,142	8,301	8,489	8,442	8,309	8,366
Total	68,853	60,452	59,714	57,453	55,556	56,060	60,885	62,412	60,881	59,819

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, 2022

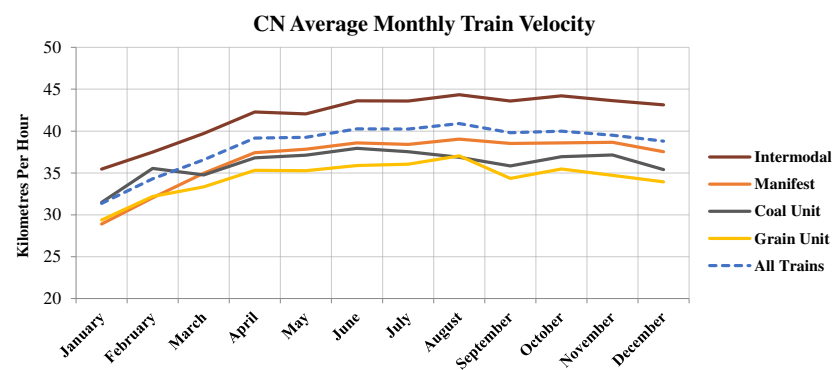
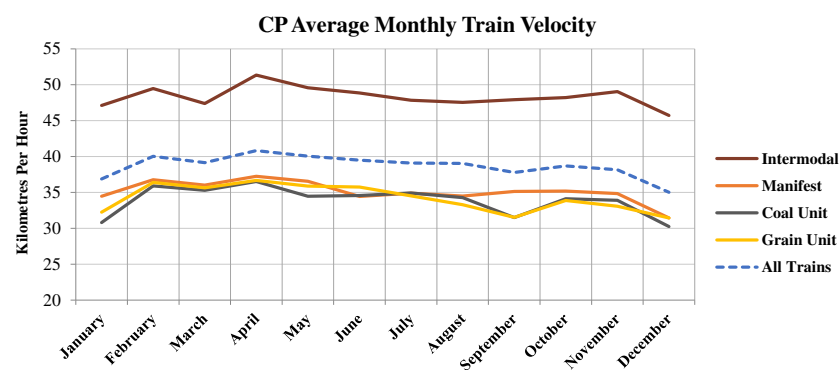
Average Train Speed (Kilometres per Hour)

CP

	January	February	March	April	May	June	July	August	September	October	November	December
Intermodal	47.1	49.5	47.4	51.4	49.6	48.9	47.9	47.5	47.9	48.2	49.0	45.7
Manifest	34.5	36.8	36.0	37.3	36.6	34.4	34.9	34.5	35.2	35.2	34.8	31.5
Coal Unit	30.8	35.9	35.3	36.5	34.5	34.6	34.9	34.3	31.5	34.1	33.9	30.3
Grain Unit	32.2	36.4	35.7	36.7	35.9	35.8	34.5	33.3	31.5	33.9	33.1	31.5
All Trains	36.9	40.0	39.2	40.8	40.1	39.5	39.1	39.0	37.8	38.7	38.2	35.0

CN

	January	February	March	April	May	June	July	August	September	October	November	December
Intermodal	35.5	37.5	39.7	42.3	42.1	43.6	43.6	44.3	43.6	44.2	43.6	43.1
Manifest	28.9	32.0	35.0	37.4	37.8	38.6	38.4	39.0	38.5	38.6	38.7	37.5
Coal Unit	31.5	35.6	34.8	36.8	37.1	37.9	37.5	36.9	35.9	37.0	37.1	35.4
Grain Unit	29.4	32.2	33.4	35.3	35.3	35.9	36.1	37.0	34.4	35.5	34.7	33.9
All Trains	31.4	34.3	36.6	39.2	39.3	40.3	40.3	40.9	39.8	40.0	39.5	38.8



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, 2012–2021

	(Millions)									
	2012	2013	2014	2015	2016	2017	2018	2019	2020 ^R	2021
Class I	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	414,951.9
Regional	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	13,076.3
Short Line	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	3,939.3
Total	370,910.2	386,451.1	415,701.8	411,132.5	395,404.9	423,723.9	447,138.2	449,367.5	442,639.7	431,967.5
	Percentage of total									
Class I	96.2	96.2	96.9	97.1	97.0	97.1	96.9	96.2	96.1	96.1
Regional	2.9	2.9	2.3	2.2	2.3	2.2	2.2	2.9	3.1	3.0
Short Line	0.9	0.9	0.9	0.7	0.7	0.7	0.8	0.9	0.9	0.9

Note: R = Revised data.

Sources: Transport Canada, Statistics Canada

Table RA6: Overall Rail Traffic Characteristics, 2013–2022

	(Thousands of tonnes)									
	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^R	2022 ^P
Intraprovincial	56,587	53,511	52,972	49,792	52,663	52,194	51,658	46,842	52,049	52,084
Interprovincial	120,363	128,376	132,397	130,724	133,613	136,274	143,559	152,383	139,272	159,150
Total Domestic	176,950	181,887	185,368	180,516	186,276	188,467	195,217	199,225	191,320	211,234
Imports	40,464	40,902	35,781	31,500	39,517	43,559	39,920	36,497	41,773	43,797
Exports	73,588	75,741	74,903	72,566	79,024	90,260	89,467	79,518	80,969	77,781
Transshipments	9,389	10,624	8,856	8,341	6,885	6,259	5,646	6,531	6,842	7,083
Canada-U.S.	72,387	74,597	73,558	70,962	77,382	88,297	87,471	78,171	79,318	76,495
Canada-Mexico	1,201	1,144	1,345	1,604	1,642	1,963	1,996	1,347	1,652	1,286
Mexico-Canada	407	507	442	466	743	664	555	449	540	750
Mexico-U.S.	8	6	0	0	0	0	2	1	0	3
U.S.-Canada	40,057	40,396	35,339	31,034	38,774	42,895	39,365	36,048	41,233	43,046
U.S.-Mexico	11	13	11	5	3	3	3	3	8	8
U.S.-U.S.	9,369	10,604	8,845	8,336	6,881	6,256	5,641	6,528	6,834	7,072
Total International	123,440	127,266	119,540	112,406	125,425	140,078	135,033	122,546	129,584	128,660
	(Millions of tonnes-km)									
	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^R	2022 ^P
Intraprovincial	48,403	44,694	43,365	42,469	45,531	45,597	43,885	39,838	38,340	29,396
Interprovincial	210,214	232,708	239,415	233,691	244,379	253,347	258,513	274,361	260,100	256,933
Total Domestic	258,617	277,402	282,780	276,159	289,910	298,944	302,398	314,200	298,440	286,330
Imports	33,683	34,683	29,259	27,106	31,277	34,747	32,802	30,323	33,969	37,777
Exports	82,923	87,694	88,523	83,386	91,023	105,413	105,339	92,695	90,238	85,850
Transshipments	11,042	14,290	12,424	10,155	7,933	6,439	5,543	6,814	7,523	8,054
Canada-U.S.	81,949	86,739	87,401	81,967	89,451	103,343	103,227	91,335	88,704	84,706
Canada-Mexico	973	955	1,122	1,419	1,572	2,070	2,112	1,360	1,534	1,145
Mexico-Canada	395	528	407	446	759	660	495	407	488	665
Mexico-U.S.	11	3	0	0	0	0	2	1	0	0
U.S.-Canada	33,288	34,154	28,852	26,661	30,519	34,087	32,307	29,917	33,481	37,112
U.S.-Mexico	10	12	11	4	3	3	3	2	9	9
U.S.-U.S.	11,022	14,276	12,413	10,150	7,929	6,436	5,538	6,811	7,514	8,044
Total International	127,649	136,667	130,205	120,647	130,233	146,599	143,683	129,832	131,730	131,681

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

Source: Transport Canada; Rail Traffic Database

Table RA7: Traffic Received and Forwarded by Canadian-Based Class II Carriers¹, 2013–2022

(Millions of tonnes)

<i>Year</i>	<i>Received only</i>	<i>Forwarded only</i>	<i>Received and Forwarded</i>
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	7.86	10.14	0.40
2022 ^P	8.17	10.51	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, 2013–2022

	(Thousands of tonnes)									
Exports (Origin: Canada)	<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^R</i>	<i>2022^P</i>
Forest Products	14,498	15,034	15,396	16,201	15,479	15,958	14,783	14,038	14,521	14,017
Petroleum Products (excl. crude oil)	6,108	5,539	6,157	6,482	7,797	8,883	10,068	8,138	9,679	13,194
Chemicals	11,635	11,870	11,165	11,391	11,036	11,853	11,625	11,408	11,798	9,793
Potash	8,380	8,675	8,282	7,943	10,158	11,165	9,449	10,082	10,668	9,164
Intermodal	5,634	6,213	6,918	6,596	7,433	8,185	8,345	8,359	6,981	7,625
Agricultural and Food Products	5,516	5,921	6,025	5,915	6,146	6,109	6,154	6,053	6,330	6,239
Metals	3,494	3,422	3,887	3,568	3,550	3,832	3,494	3,342	4,051	3,935
Crude Oil	4,754	6,962	5,935	4,143	6,744	12,573	14,991	8,250	7,021	3,768
Minerals	1,921	2,032	2,170	2,364	2,328	2,696	2,961	2,467	2,574	2,441
Miscellaneous	2,030	1,914	1,686	1,754	1,862	2,057	1,818	2,104	2,291	2,200
Grains	4,380	3,599	2,519	1,943	2,638	3,082	2,031	1,960	1,480	1,966
Automotive Vehicles and Equipment	2,268	2,195	2,426	2,355	2,079	1,997	1,942	1,532	1,420	1,538
Fertilizer Materials	2,293	1,810	1,809	1,391	1,332	1,478	1,419	1,572	1,691	1,473
Coal	598	475	526	520	442	393	387	212	464	427
Iron Ore	80	79	1	0	0	0	0	0	0	0
Total	73,588	75,741	74,903	72,566	79,024	90,260	89,467	79,518	80,969	77,781
Imports (Destination: Canada)	<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^R</i>	<i>2022^P</i>
Coal	11,651	10,227	8,570	5,568	10,370	12,411	10,132	9,263	11,638	9,828
Chemicals	5,855	5,851	5,621	5,305	5,858	6,140	6,151	6,327	6,674	7,091
Minerals	4,944	5,882	5,541	4,745	6,942	7,341	6,774	5,740	6,905	7,081
Intermodal	4,761	4,482	4,171	4,289	4,011	4,807	4,652	4,446	4,019	4,803
Grains	130	314	298	160	403	961	1,094	860	1,818	3,657
Agricultural and Food Products	2,268	2,281	2,174	2,108	2,191	2,488	2,126	2,033	2,518	2,942
Petroleum Products (excl. crude oil)	4,213	3,871	3,419	3,725	3,192	3,437	3,332	2,960	2,563	2,665
Automotive Vehicles and Equipment	1,619	1,866	1,918	1,955	2,123	1,906	1,948	1,421	1,523	1,740
Iron Ore	28	10	646	1,356	1,534	1,528	1,429	1,365	1,563	1,535
Forest Products	1,131	1,070	991	872	1,028	947	935	887	911	981
Metals	2,436	2,242	1,290	1,034	1,354	991	718	752	1,063	837
Miscellaneous	792	707	537	377	485	580	608	417	562	619
Fertilizer Materials	2	0	1	4	14	17	16	16	12	17
Potash	11	11	3	1	5	1	1	1	1	1
Crude Oil	622	2,087	598	2	4	3	5	8	3	0
Total	40,464	40,902	35,781	31,500	39,517	43,559	39,920	36,497	41,773	43,797
Domestic (Canada-Canada)	<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^R</i>	<i>2022^P</i>
Coal	37,818	36,557	31,913	31,704	33,469	33,752	36,041	33,571	37,125	38,091
Intermodal	28,857	26,695	28,550	26,308	28,740	29,606	29,220	29,622	30,455	30,297

Grains	27,136	35,630	34,562	32,434	34,296	34,968	36,415	43,544	35,395	28,411
Iron Ore	15,314	14,546	17,893	18,586	17,191	14,948	18,448	17,643	16,709	16,697
Petroleum Products (excl. crude oil)	9,790	10,201	10,399	11,445	12,658	13,650	14,428	13,542	14,936	16,579
Potash	8,165	8,801	10,233	9,669	9,928	11,635	11,272	12,400	12,443	13,882
Minerals	10,147	9,775	10,005	9,573	9,845	9,987	10,454	9,496	9,311	9,282
Agricultural and Food Products	7,794	7,891	9,007	10,310	10,166	10,769	11,107	12,704	9,491	8,634
Forest Products	13,363	11,391	12,476	13,327	12,809	12,180	10,884	10,222	9,520	8,431
Chemicals	8,168	7,797	7,982	8,073	8,236	8,508	8,368	8,270	7,670	8,003
Metals	3,126	3,521	3,325	2,971	3,057	3,214	3,150	3,004	3,088	2,980
Fertilizer Materials	2,834	2,546	2,843	2,725	2,689	2,612	2,494	2,775	2,373	2,907
Miscellaneous	1,076	1,144	1,184	1,167	1,396	1,380	1,452	1,263	1,598	1,610
Automotive Vehicles and Equipment	1,108	1,008	1,106	1,067	1,126	1,105	1,083	912	860	926
Crude Oil	2,256	4,384	3,891	1,156	668	155	402	257	347	30
Total	176,950	181,887	185,368	180,516	186,276	188,467	195,217	199,225	191,320	186,759

Total Traffic (Export, Import, Domestic, & Transshipments	<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^R</i>	<i>2022^P</i>
Coal	50,067	47,260	41,011	37,795	44,283	46,556	46,561	43,046	49,227	48,347
Intermodal	39,253	37,392	39,639	37,193	40,184	42,598	42,217	42,441	41,476	43,409
Grains	33,263	42,169	39,632	37,189	39,663	41,477	40,640	47,924	41,189	36,306
Petroleum Products (excl. crude oil)	20,246	19,750	20,095	21,805	23,779	26,218	28,324	25,238	27,344	32,626
Chemicals	25,974	25,833	25,024	25,021	25,358	26,732	26,370	26,212	26,355	25,089
Forest Products	29,561	28,159	29,433	30,916	29,806	29,693	27,097	25,548	25,407	23,954
Potash	16,558	17,488	18,518	17,613	20,091	22,801	20,722	22,483	23,112	23,047
Agricultural and Food Products	18,958	19,422	20,439	22,100	21,674	21,389	22,107	23,922	21,249	20,890
Minerals	17,303	18,082	17,901	16,817	19,262	20,602	20,664	18,271	19,317	18,887
Iron Ore	15,421	14,635	18,541	19,942	18,725	16,476	19,876	19,008	18,273	18,232
Metals	9,126	9,230	8,585	7,619	7,993	8,122	7,474	7,124	8,228	7,768
Miscellaneous	3,914	3,788	3,430	3,328	3,767	4,036	3,895	3,804	4,474	4,460
Fertilizer Materials	5,129	4,356	4,653	4,120	4,035	4,107	3,929	4,364	4,075	4,398
Automotive Vehicles and Equipment	4,997	5,072	5,452	5,378	5,331	5,010	4,977	3,870	3,807	4,207
Crude Oil	10,619	16,516	12,554	6,086	7,749	12,730	15,398	8,515	7,372	3,798
Total	300,390	309,153	304,908	292,922	311,702	328,548	330,250	321,770	320,904	315,417

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, 2013–2022

(Millions of dollars)

Exports	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020^R</i>	<i>2021^R</i>	<i>2022^P</i>
Automotive products	30,144	29,800	35,948	38,128	34,911	33,991	35,043	26,762	22,499	26,908
Forest products	9,519	10,375	10,712	11,145	11,440	12,262	9,834	11,347	17,778	17,011
Chemical products	10,738	11,529	11,203	10,487	10,319	11,666	10,471	9,464	13,618	14,995
Metals	8,242	9,070	9,106	8,006	9,843	10,980	9,012	8,533	12,844	14,277
Petroleum products	7,398	9,149	5,574	4,134	6,896	11,766	12,381	7,105	10,422	13,287
Agriculture and food	3,474	3,724	3,810	4,037	4,148	4,113	4,138	4,179	6,048	8,046
Fertilizer materials	3,185	2,709	3,489	2,380	2,737	3,124	3,138	2,906	3,831	6,720
Grains	2,062	1,904	1,655	1,338	1,643	1,854	1,361	1,353	1,332	2,166
Miscellaneous	2,157	1,891	1,868	1,915	1,944	1,990	2,004	1,400	1,679	1,627
Other mine products	120	143	186	210	242	284	327	254	274	275
Coal	102	81	89	61	147	117	112	47	111	227
Iron ore	0		0							
Totals	77,142	80,376	83,640	81,841	84,270	92,147	87,820	73,351	90,435	105,537
Imports										
Automotive products	15,118	18,160	20,684	26,848	31,088	29,261	31,379	23,466	27,867	31,381
Chemical products	8,532	9,040	8,321	7,661	8,419	8,952	8,440	7,532	10,187	13,470
Agriculture and food	2,752	3,015	2,917	2,733	2,664	2,832	2,620	2,828	3,514	5,194
Miscellaneous	4,669	5,260	4,816	3,841	3,704	3,637	4,467	3,235	3,291	4,200
Petroleum products	3,631	4,381	1,937	1,195	1,104	1,551	1,353	1,128	1,584	2,707
Metals	3,406	3,457	2,418	1,728	2,184	2,249	1,748	1,297	2,221	2,643
Grains	250	290	274	244	214	371	375	396	811	1,735
Forest products	1,321	1,310	1,440	1,317	1,411	1,482	1,546	1,359	1,326	1,725
Other mine products	478	637	799	660	880	768	667	1,048	1,226	1,439
Iron ore	230	210	154	137	149	122	153	152	256	192
Fertilizer materials	86	25	45	36	31	28	31	29	33	77
Coal	20	36	26	36	34	31	9	4	2	9
Totals	40,494	45,821	43,830	46,436	51,881	51,285	52,788	42,474	52,317	64,773

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

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

Table RA10: Dangerous Goods Shipments on Rail, 2013–2022

Petroleum Products	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020^R</i>	<i>2021^R</i>	<i>2022^P</i>
Crude Oil ¹	10,620	16,517	12,554	6,087	7,750	12,734	15,401	8,517	7,375	3,801
Ethanol or Ethanol Mix ²	6,781	6,704	5,781	5,814	6,076	6,672	7,072	6,307	6,847	6,284
All Other Petroleum Products ³⁺⁴	17,281	17,296	17,754	19,434	21,394	23,490	24,961	22,321	24,423	29,448
Dangerous Goods										
Minerals, Ores & Concentrates	2,478	2,013	2,226	1,845	1,776	2,237	2,086	2,008	2,139	1,923
Other Manufactured & Miscellaneous Goods	960	876	775	707	737	745	754	683	652	666
Petroleum Products ⁵	25,096	30,372	26,965	22,036	25,491	32,389	37,504	28,344	28,833	27,264
Plastic & Chemical Products ⁵	12,927	13,230	12,261	11,786	12,048	12,925	12,485	11,534	12,017	10,347
Waste & Scrap	260	249	209	217	298	323	357	292	297	261
Other Commodities ⁵	1,785	1,637	1,669	1,862	1,770	1,475	1,428	1,345	1,422	1,672
Total	43,506	48,378	44,105	38,452	42,120	50,094	54,613	44,206	45,359	42,132
All Goods										
All Dangerous Goods	43,506	48,378	44,105	38,452	42,120	50,094	54,613	44,206	45,359	42,132
Non-Dangerous Goods	256,884	260,775	260,803	254,470	269,582	278,454	275,637	277,564	275,545	273,285
Grand Total	300,390	309,153	304,908	292,922	311,702	328,548	330,250	321,770	320,904	315,417
Dangerous Goods Share of Grand Total (%)	14.5	15.6	14.5	13.1	13.5	15.2	16.5	13.7	14.1	13.4
Petroleum Products	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020^R</i>	<i>2021^R</i>	<i>2022^P</i>
Crude Oil ¹	127,705	193,358	146,633	72,064	91,589	147,351	180,870	101,577	87,457	45,588
Ethanol or Ethanol Mix ²	84,184	83,083	72,173	72,283	75,120	82,087	87,622	78,280	84,153	78,477
All Other Petroleum Products ³⁺⁴	236,101	237,859	246,772	271,726	298,472	326,338	348,731	312,851	346,634	404,581
Dangerous Goods										
Minerals, Ores & Concentrates	27,829	22,386	24,914	20,806	20,286	25,104	23,219	22,518	24,258	21,444
Other Manufactured & Miscellaneous Goods	29,159	27,570	24,572	22,981	23,424	23,758	23,337	21,820	20,748	21,124
Petroleum Products ⁵	326,528	386,408	349,193	297,632	344,282	426,016	494,043	382,973	395,561	378,105
Plastic & Chemical Products ⁵	159,767	162,873	152,894	147,868	152,011	161,341	156,232	145,222	151,755	132,503
Waste & Scrap	4,186	3,958	3,041	3,283	4,433	4,678	5,435	4,273	4,356	3,671
Other Commodities ⁵	23,003	21,918	21,926	23,268	22,188	18,954	18,343	17,866	18,427	21,731
Total	570,471	625,113	576,539	515,837	566,624	659,851	720,609	594,670	615,105	578,578
All Goods										
All Dangerous Goods	570,471	625,113	576,539	515,837	566,624	659,851	720,609	594,670	615,105	578,578

Non-Dangerous Goods	3,899,994	4,023,134	4,100,971	4,043,632	4,351,110	4,460,245	4,438,664	4,360,011	4,325,054	4,249,163
Grand Total	4,470,466	4,648,247	4,677,510	4,559,469	4,917,734	5,120,096	5,159,272	4,954,681	4,940,160	4,827,741
Dangerous Goods Share of Grand Total (%)	12.8	13.4	12.3	11.3	11.5	12.9	14.0	12.0	12.5	12.0

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

- 1 Standard Classification of Transported Goods (SCTG) code #16000.
- 2 Includes ethanol, methanol and various types of ethanol blends.
- 3 Not all ethanol or ethanol mix products are included in this commodity group.
- 4 Includes petroleum products that are not flagged as dangerous.
- 5 Includes some ethanol and ethanol blends.

Source: Transport Canada, Rail Traffic Database

Table RA11: Volume of Rail Exports and Imports, by Province/Territory of Origin, 2013–2022

(Thousands of tonnes)

Exports

<i>Province/Territory of Origin</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^R</i>	<i>2022^P</i>
Alberta	16,892	19,515	20,653	19,999	23,289	30,153	32,681	25,292	25,081	23,390
Saskatchewan	19,595	19,771	16,909	14,479	16,873	19,929	17,925	17,327	18,880	17,586
Ontario	11,543	11,178	11,623	12,150	12,059	12,474	12,316	11,574	12,031	11,790
British Columbia	10,315	10,626	11,620	12,117	12,245	13,281	12,440	11,818	10,858	10,302
Quebec	9,753	9,680	9,215	8,696	8,908	8,866	8,824	8,386	9,089	9,409
Manitoba	3,410	3,044	2,992	3,019	3,472	3,544	3,291	3,482	3,254	3,263
New Brunswick	1,363	1,244	1,200	1,421	1,485	1,406	1,495	1,168	1,243	1,405
Nova Scotia	717	683	692	684	694	608	495	472	534	636
Other ¹	0	0	0	0	0	0	0	0	0	0
Total	73,588	75,741	74,903	72,566	79,024	90,260	89,467	79,518	80,969	77,781

Imports

<i>Province/Territory of Clearance</i>										
British Columbia	15,072	13,635	11,789	9,210	14,422	16,981	14,657	13,652	15,979	14,053
Alberta	7,112	6,996	7,291	6,360	8,024	9,265	8,254	6,762	8,758	11,260
Ontario	9,017	9,524	7,955	8,165	8,427	8,616	8,427	7,987	8,282	9,000
Quebec	5,593	7,261	5,648	4,838	4,969	5,071	5,139	4,977	4,951	4,844
Saskatchewan	1,732	1,784	1,555	1,485	2,100	2,027	2,018	1,739	2,161	2,629
Manitoba	858	907	846	670	763	807	661	652	808	1,079
Nova Scotia	498	436	415	530	575	580	561	505	528	564
New Brunswick	581	359	282	241	238	211	203	223	306	357
Other ¹	2	0	0	0	0	0	0	0	1	10
Totals	40,464	40,902	35,781	31,500	39,517	43,559	39,920	36,497	41,773	43,797

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

¹ Includes Newfoundland and Labrador, Northwest Territories and Yukon.

Source: Transport Canada, Rail Traffic Database

Table RA12: Value of Rail Exports and Imports, by Port of Exit and Clearance, 2013–2022

(Millions of dollars)

Exports

<i>Port of Exit</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020^R</i>	<i>2021^R</i>	<i>2022^P</i>
Sarnia	18,273	19,024	20,039	20,334	21,165	22,770	22,607	16,392	20,158	24,288
Windsor	17,935	17,554	20,670	21,474	20,137	18,949	17,999	17,702	16,565	18,321
Fort Frances	9,761	10,745	10,699	10,332	10,876	13,523	12,195	10,121	13,938	17,187
North Portal	5,197	5,647	5,201	4,316	5,401	6,720	5,530	4,882	7,024	8,189
White Rock	3,558	3,750	3,742	4,228	4,876	5,287	4,422	4,238	6,371	7,690
Emerson	4,520	4,799	4,119	3,718	4,415	5,712	6,160	4,614	6,482	7,556
Fort Erie	8,372	8,193	9,367	9,008	7,447	7,516	8,077	6,073	6,306	6,405
Kingsgate	2,542	2,765	2,681	1,858	2,327	3,050	3,332	2,749	4,398	5,738
Lacolle	2,718	3,302	3,086	2,121	2,292	2,801	2,171	1,817	2,582	2,605
Coutts	754	732	713	779	1,007	1,208	1,217	1,090	1,698	2,178
Other	3,512	3,864	3,322	3,674	4,327	4,611	4,112	3,676	4,913	5,381
Total	77,142	80,376	83,640	81,841	84,270	92,147	87,820	73,351	90,435	105,537

Imports

<i>Port of Clearance</i>										
Windsor	8,236	8,884	9,397	15,262	18,660	16,010	19,136	14,446	17,533	20,142
Toronto	7,119	7,883	8,482	10,270	10,873	11,698	11,119	9,224	11,273	13,319
Sarnia	3,489	3,773	3,478	4,224	5,348	5,637	4,839	4,270	5,426	6,338
Winnipeg	2,448	2,631	2,293	2,206	2,744	2,700	2,744	2,141	2,838	4,604
Montréal	3,166	3,871	3,432	1,755	1,569	1,636	2,120	2,235	2,465	3,259
Edmonton	3,848	3,621	2,676	1,707	1,890	2,508	1,998	1,674	2,026	3,016
Calgary	2,189	2,404	2,132	2,068	1,961	1,863	1,661	1,390	1,763	2,282
Vancouver	1,685	1,663	1,652	1,285	986	1,036	1,168	1,020	1,203	1,818
Fort Erie	1,465	2,067	2,813	2,948	2,832	2,796	3,010	1,748	1,789	1,712
Hamilton	1,090	1,569	1,190	327	584	860	858	904	1,294	1,564
Other	5,759	7,455	6,285	4,384	4,434	4,543	4,136	3,422	4,707	6,720
Grand Total	40,494	45,821	43,830	46,436	51,881	51,285	52,788	42,474	52,317	64,773

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, 2013–2022

(Thousands of tonnes)

	<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^R</i>	<i>2022^P</i>
Exports ¹	112,155	118,263	114,751	115,384	119,968	124,093	127,957	135,893	126,656	120,089
Imports ²	26,107	27,262	27,885	26,947	29,213	30,893	30,324	28,969	29,292	30,497
Grand Total	138,262	145,524	142,637	142,331	149,181	154,987	158,281	164,862	155,948	150,586

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, 2013–2022

(Thousands of tonnes)

Exports¹

<i>Commodity</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^R</i>	<i>2022^P</i>
Coal	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	37,306.6
Grains	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	27,521.5
Potash	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	12,709.0
Intermodal	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	11,114.9
Petroleum Products (excl. crude oil)	3,083.3	3,061.0	2,942.7	3,966.6	5,287.9	5,600.7	6,767.9	6,898.0	7,474.0	8,044.2
Agricultural and Food Products	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	7,707.0
Forest Products	7,950.6	6,351.2	6,902.9	7,384.7	7,217.0	6,857.1	6,502.4	6,792.2	6,228.1	5,330.6
Minerals	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	2,917.4
Fertilizer Materials	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	2,840.6
Chemicals	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	2,586.0
Metals	655.7	814.2	828.4	943.0	830.9	984.8	1,034.1	939.6	1,225.3	971.0
Automotive Vehicles and	485.8	570.8	612.1	664.2	778.7	961.1	866.7	558.4	561.1	672.7
Miscellaneous	233.8	231.2	183.7	167.5	210.7	321.1	272.4	261.1	381.4	339.6
Iron Ore	-	-	0.7	0.1	-	-	-	-	51.8	18.9
Crude Oil	1,311.9	1,685.5	1,688.2	938.2	508.9	119.3	335.7	230.7	331.2	9.3
Total	112,154.9	118,262.9	114,751.4	115,383.6	119,967.6	124,093.2	127,956.8	135,892.6	126,656.0	120,089.2

Imports²

<i>Commodity</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^R</i>	<i>2022^P</i>
Intermodal	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	20,356.3
Chemicals	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	2,528.5
Metals	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	1,684.5
Forest Products	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	1,627.9
Petroleum Products (excl. crude oil)	812.6	616.8	747.3	872.2	945.8	930.7	1,039.2	818.2	831.5	1,063.9
Miscellaneous	586.7	485.5	467.0	595.6	637.9	702.6	667.5	831.5	942.6	921.1
Agricultural and Food Products	760.0	574.1	650.6	669.5	726.8	746.9	851.5	873.4	877.9	898.1
Automotive Vehicles and	1,072.5	1,018.9	1,231.7	1,004.6	955.3	1,060.7	1,042.8	637.9	620.7	764.7
Minerals	779.3	1,477.3	1,334.4	1,292.8	1,290.8	1,224.0	693.2	302.1	435.7	470.1
Grains	655.8	393.0	114.4	78.2	32.3	114.4	103.7	75.7	180.9	118.4
Fertilizer Materials	72.2	63.3	46.6	55.7	60.7	47.7	50.2	51.6	54.5	39.7
Coal	0.5	-	0.2	-	0.0	-	0.2	7.2	-	15.4
Potash	0.7	2.3	0.4	5.8	12.3	19.8	53.6	2.4	0.9	6.7
Iron Ore	-	-	-	-	-	-	-	-	-	1.4
Crude Oil	58.3	25.4	10.4	0.2	17.2	20.1	8.7	1.1	-	0.2
Grand Total	26,107.1	27,261.5	27,885.2	26,947.4	29,213.0	30,893.5	30,323.8	28,969.4	29,292.1	30,496.9

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, 2013–2022

	(Millions of tonnes)									
<i>Origin-Destination</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^R</i>	<i>2022^P</i>
North America	8.9	9.4	9.3	9.2	9.6	9.7	9.5	9.9	10.1	10.5
Canada - Canada	6.5	7.0	7.1	7.2	7.5	7.6	7.6	7.9	8.0	7.7
Canada - United States	0.8	0.8	0.7	0.6	0.7	0.7	0.6	0.7	0.8	0.9
Canada - Mexico	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
United States - Canada	1.4	1.3	1.2	1.1	1.1	1.3	1.1	1.1	1.2	1.6
United States - United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Mexico - Canada	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Marine Exports	11.5	11.6	11.3	11.9	12.3	13.1	12.9	13.0	12.0	11.1
Marine Imports	15.0	16.1	17.0	16.3	18.4	19.9	20.0	19.7	19.6	20.4
Total	35.3	36.9	37.4	37.2	40.1	42.7	42.4	42.6	41.7	42.0
<i>Type of cars</i>										
COFC	34.8	36.4	37.0	37.2	40.1	42.7	42.4	42.6	41.7	42.0
TOFC	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	35.3	36.9	37.4	37.2	40.1	42.7	42.4	42.6	41.7	42.0

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, 2013–2022

Passengers Carried (Thousands)			
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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 ^R	4,390	105	4,495
2018 ^R	4,745	97	4,842
2019 ^R	5,008	100	5,108
2020 ^R	1,147	75	1,222
2021 ^R	1,512	74	1,586
2022	3,302	N/A	N/A

Passenger - Kilometres (Millions)			
<i>Year</i>	<i>VIA Rail</i>	<i>Other</i>	<i>Total</i>
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 ^R	1,500.0	33.9	1,533.9
2018 ^R	1,596.5	36.6	1,633.1
2019 ^R	1,697.9	37.7	1,735.6
2020 ^R	365.3	28.6	393.9
2021 ^R	526.3	27.6	553.9
2022	1,205.8	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, 2020

	Length (thousands of two-lane equivalent kilometres)				Percentage Distribution			
	<i>Paved</i>	<i>Unpaved</i>	<i>Unknown</i>	<i>Total</i>	<i>Share of Total (%)</i>	<i>Paved</i>	<i>Unpaved</i>	<i>Unknown</i>
Newfoundland and Labrador	11.3	9.2		20.4	1.8	55.1	44.9	-
Nova Scotia	18.6	18.5		37.1	3.3	50.1	49.9	-
Prince Edward Island	4.5	1.8		6.3	0.6	71.1	28.9	-
New Brunswick	21.2	10.9		32.2	2.8	66.0	34.0	-
Quebec	98.5	59.9	2.0	160.3	14.1	61.4	37.3	1.2
Ontario	133.2	108.3		241.5	21.2	55.1	44.9	-
Manitoba	19.7	67.9		87.6	7.7	22.5	77.5	-
Saskatchewan	30.7	177.6		208.2	18.3	14.7	85.3	-
Alberta	66.6	174.6		241.2	21.2	27.6	72.4	-
British Columbia	53.3	39.0		92.3	8.1	57.7	42.3	-
Nunavut	0.0	0.4		0.4	0.0	3.6	96.4	-
Northwest Territories	1.4	1.0	0.2	2.5	0.2	53.2	37.7	9.1
Yukon	2.2	2.7	1.5	6.3	0.6	34.1	42.0	24.0
Total	461	672	4	1,136	100	40.6	59.1	0.3

Notes: Does not include private roads

Source: Statistics Canada National Road Network - NRN - GeoBase Series 2022

Table RO4: Canadian International Trade Value Shipped by Trucks, by Commodity Groups, 2021–2022

(Millions of dollars)

(Total Exports by trucks)

<i>Commodity Categories</i>	<i>2021^R</i>	<i>% Share</i>	<i>2022^P</i>	<i>% Share</i>
Machinery & Electrical	39,408	16.3	48,200	17.5
Transportation Equipment	34,301	14.2	39,051	14.2
Miscellaneous	30,782	12.7	33,308	12.1
Metals	27,738	11.5	32,569	11.8
Foodstuffs	18,347	7.6	21,814	7.9
Chemicals & Allied Industries	19,328	8.0	21,607	7.8
Wood & Wood Products	17,828	7.4	19,174	7.0
Plastics & Rubbers	16,352	6.8	18,178	6.6
Animals & Animal Products	13,270	5.5	13,729	5.0
Vegetable Products	8,406	3.5	10,574	3.8
Stone & Glass	8,713	3.6	9,099	3.3
Mineral Products	3,505	1.5	4,624	1.7
Textiles	3,148	1.3	3,256	1.2
Raw Hides, Skins, Leather, & Furs	277	0.1	326	0.1
Footwear & Headgear	238	0.1	270	0.1
Total Exports by Trucks	241,643	100.0	275,779	100.0
Destination: United States	234,447	97.0	268,720	97.4
Destination: Mexico	3,392	1.4	3,941	1.4
Destination: Other Countries	3,804	1.6	3,119	1.1

(Total Imports by trucks)¹

<i>Commodity Categories</i>	<i>2021^R</i>	<i>% Share</i>	<i>2022^P</i>	<i>% Share</i>
Machinery & Electrical	90,325	29.1	106,534	29.3
Transportation Equipment	48,499	15.6	60,742	16.7
Miscellaneous	33,425	10.8	37,526	10.3
Chemicals & Allied Industries	29,931	9.6	35,694	9.8
Metals	23,129	7.5	27,666	7.6
Plastics & Rubbers	19,670	6.3	22,491	6.2
Foodstuffs	16,247	5.2	18,475	5.1
Vegetable Products	13,415	4.3	14,834	4.1
Wood & Wood Products	10,961	3.5	12,451	3.4
Stone & Glass	9,138	2.9	9,194	2.5
Textiles	6,041	1.9	7,221	2.0
Animals & Animal Products	5,115	1.6	5,382	1.5
Mineral Products	3,138	1.0	4,122	1.1

Footwear & Headgear	731	0.2	1,006	0.3
Raw Hides, Skins, Leather, & Furs	685	0.2	842	0.2
Total Imports by Trucks	310,449	100.0	364,181	100.0
Origin: United States	208,225	67.1	243,136	66.8
Origin: Mexico	22,854	7.4	27,215	7.5
Origin: Other Countries	79,370	25.6	93,829	25.8

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, 2021–2022

(Millions of dollars)

<i>Border Crossing Point</i>	<i>Exports by Road 2022^P</i>	<i>Imports by Road 2022^P</i>	<i>Total Trade by Road 2022^P</i>	<i>Total Trade by Road 2021^R</i>	<i>Percentage Change 2022/21</i>	<i>Share in Per Cent 2022</i>	<i>Cumulative Share in Per Cent 2022</i>
Windsor-Ambassador, Ontario	68,047	63,461	131,507	117,384	12.0	25.7	25.7
Sarnia, Ontario	48,645	38,184	86,829	71,809	20.9	17.0	42.7
Fort Erie/Niagara Falls, Ontario	46,413	33,756	80,168	68,368	17.3	15.7	58.3
Emerson, Manitoba	13,476	14,414	27,890	23,257	19.9	5.4	63.8
Lacolle, Québec	20,223	7,076	27,299	24,110	13.2	5.3	69.1
Pacific Highway, British Columbia	13,950	12,300	26,250	22,987	14.2	5.1	74.2
Lansdowne, Ontario	12,720	9,823	22,543	19,350	16.5	4.4	78.6
Coutts, Alberta	9,593	6,948	16,541	14,351	15.3	3.2	81.9
North Portal, Saskatchewan	4,430	9,968	14,399	10,520	36.9	2.8	84.7
Huntingdon, British Columbia	3,960	1,692	5,652	4,731	19.5	1.1	85.8
Woodstock, New Brunswick	3,874	1,182	5,055	5,351	(5.5)	1.0	86.8
Kingsgate, British Columbia	2,619	2,432	5,051	4,635	9.0	1.0	87.8
Philipsburg, Québec	3,558	1,340	4,898	4,186	17.0	1.0	88.7
St. Stephen, New Brunswick	2,936	1,189	4,125	4,134	(0.2)	0.8	89.5
Other crossing points	14,275	39,373	53,648	47,498	12.9	10.5	100.0
Total Road Trade	268,720	243,136	511,856	442,672	15.6	100.0	

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

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

Table RO6: Twenty Busiest Border Crossings for Cars/Other Vehicles, 2018–2022

2022			wo-Way Traffic Volume (millions of movements)					Share (%)				
Rank	Border Crossing	Province	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
1	Pacific Highway/Douglas	B.C.	8.35	8.06	1.60	0.86	4.11	15.4	15.1	12.4	10.0	14.7
2	Detroit - Windsor Tunnel ¹	Ont.	3.67	4.00	1.21	0.87	2.64	6.8	7.5	9.4	10.2	9.4
3	Windsor-Ambassador Bridge ¹	Ont.	4.43	4.21	1.65	1.52	2.24	8.2	7.9	12.8	17.6	8.0
4	Fort Erie - Peace Bridge	Ont.	4.10	4.09	0.91	0.69	2.26	7.6	7.7	7.1	8.0	8.1
5	Niagara Falls - Queenston Bridge	Ont.	2.82	2.85	0.54	0.32	1.49	5.2	5.4	4.2	3.7	5.3
6	Sarnia - Blue Water Bridge	Ont.	3.07	3.03	0.59	0.35	1.46	5.7	5.7	4.6	4.1	5.2
7	Cornwall	Ont.	1.68	1.69	1.04	1.04	1.32	3.1	3.2	8.1	12.1	4.7
8	Lacolle ²	Qué.	1.83	1.85	0.38	0.27	1.22	3.4	3.5	2.9	3.1	4.3
9	Niagara Falls - Rainbow Bridge	Ont.	2.47	2.31	0.38	0.24	1.12	4.6	4.3	3.0	2.7	4.0
10	Boundary Bay	B.C.	2.06	1.95	0.43	0.21	1.06	3.8	3.7	3.3	2.5	3.8
11	Lansdowne	Ont.	1.18	1.19	0.25	0.15	0.72	2.2	2.2	1.9	1.8	2.6
12	Huntingdon	B.C.	1.86	1.79	0.37	0.12	0.68	3.4	3.4	2.8	1.5	2.4
13	St. Stephen	N.B.	1.34	1.34	0.29	0.14	0.61	2.5	2.5	2.2	1.6	2.2
14	Phillipsburg	Qué.	0.88	0.90	0.17	0.16	0.58	1.6	1.7	1.3	1.8	2.1
15	Sault Ste. Marie	Ont.	1.44	1.35	0.30	0.13	0.57	2.7	2.5	2.4	1.5	2.0
16	Aldergrove	B.C.	1.14	1.09	0.21	0.09	0.50	2.1	2.1	1.6	1.1	1.8
17	Stanstead ³	Qué.	0.80	0.79	0.15	0.09	0.43	1.5	1.5	1.1	1.1	1.5
18	Fort Frances	Ont.	0.79	0.80	0.16	0.07	0.33	1.5	1.5	1.3	0.8	1.2
19	Emerson	Man.	0.55	0.52	0.10	0.06	0.29	1.0	1.0	0.8	0.7	1.0
20	Prescott	Ont.	0.62	0.61	0.13	0.07	0.28	1.1	1.1	1.0	0.8	1.0
Top 20 Crossings			45.08	44.43	10.86	7.47	23.91	83.3	83.5	84.3	86.7	85.4
All other crossings			9.07	8.78	2.02	1.15	4.09	16.7	16.5	15.7	13.3	14.6
Total All Border Crossings			54.15	53.21	12.88	8.61	28.00	100.0	100.0	100.0	100.0	100.0

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

1 The data for the Windsor-Ambassador Bridge and Detroit-Windsor Tunnel presented here comes from a Transport Canada calculation and is not found directly in the source data. The sum of vehicle movements through all other Ontario border crossings is deducted from the Ontario total found in the source data. The proportions match those found in publically-available data from the Bridge & Tunnel Operators Association (BTOA).

2 Lacolle includes routes 15, 221 and 223.

3 Stanstead includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0052-01

Table RO7: Twenty Busiest Border Crossings for Trucks, 2018–2022

2022			wo-Way Traffic Volume (millions of movements)					Share (%)				
Rank	Border Crossing	Province	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
1	Windsor-Ambassador Bridge ¹	Ont.	3.05	2.96	2.67	2.79	2.75	27.4	27.1	26.5	25.8	25.8
2	Sarnia -Blue Water Bridge	Ont.	1.56	1.53	1.39	1.62	1.71	14.0	14.0	13.8	15.0	16.0
3	Fort Erie - Peace Bridge	Ont.	1.11	1.02	0.97	1.04	1.02	10.0	9.3	9.7	9.6	9.6
4	Niagara Falls - Queenston Bridge	Ont.	0.79	0.81	0.74	0.81	0.81	7.1	7.5	7.4	7.5	7.6
5	Pacific Highway/Douglas	B.C.	0.79	0.77	0.72	0.78	0.78	7.1	7.0	7.1	7.2	7.3
6	Lacolle ²	Qué.	0.57	0.57	0.54	0.56	0.54	5.1	5.2	5.4	5.2	5.1
7	Emerson	Man.	0.42	0.42	0.41	0.46	0.45	3.7	3.9	4.1	4.3	4.2
8	Lansdowne	Ont.	0.38	0.37	0.36	0.39	0.39	3.4	3.4	3.6	3.6	3.6
9	Coutts	Alb.	0.26	0.27	0.27	0.30	0.27	2.3	2.5	2.6	2.8	2.6
10	North Portal	Sas.	0.24	0.22	0.21	0.23	0.23	2.2	2.0	2.1	2.2	2.2
11	Huntingdon	B.C.	0.18	0.18	0.19	0.19	0.18	1.6	1.7	1.8	1.7	1.7
12	Phillipsburg	Qué.	0.18	0.17	0.17	0.17	0.17	1.6	1.6	1.7	1.5	1.6
13	Stanstead ³	Qué.	0.18	0.21	0.17	0.18	0.17	1.6	1.9	1.7	1.6	1.6
14	Kingsgate	B.C.	0.10	0.11	0.11	0.12	0.11	0.9	1.0	1.1	1.1	1.0
15	St. Stephen	N.B.	0.11	0.11	0.10	0.12	0.11	1.0	1.0	1.0	1.1	1.0
16	Woodstock	N.B.	0.12	0.12	0.10	0.10	0.10	1.0	1.1	1.0	0.9	0.9
17	Aldergrove	B.C.	0.09	0.09	0.10	0.11	0.09	0.9	0.8	0.9	1.0	0.9
18	Sault Ste. Marie	Ont.	0.08	0.08	0.08	0.07	0.05	0.7	0.7	0.8	0.6	0.5
19	Armstrong	Qué.	0.06	0.06	0.05	0.05	0.05	0.5	0.5	0.5	0.4	0.5
20	Prescott	Ont.	0.07	0.07	0.06	0.06	0.05	0.6	0.6	0.6	0.5	0.5
Top 20 Crossings			10.32	10.13	9.41	10.15	10.03	92.6	92.7	93.4	93.8	94.1
All other crossings			0.82	0.79	0.66	0.67	0.62	7.4	7.3	6.6	6.2	5.9
Total All Border Crossings			11.15	10.93	10.07	10.82	10.65	100.0	100.0	100.0	100.0	100.0

Notes: Two-way traffic volumes were estimated by doubling one-way flows northbound into Canada. 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 Stanstead includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0052-01

Table RO8: Border Wait Times for Southbound Trucks at Selected Crossings, 2022

<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	9.1	10.4	37.7	35.5
Woodstock Road, NB	5.6	7.2	15.3	17.3
Rock Island, QC	5.1	5.5	15.4	19.6
Lacolle, QC	8.7	10.9	26.4	30.4
Lansdowne, ON	12.5	15.1	31.4	36.8
Niagara Falls, ON - Queenston Bridge	10.8	12.6	40.2	43.4
Fort Erie, ON - Peace Bridge	12.0	12.3	38.4	36.4
Windsor-Ambassador Bridge, ON	9.3	9.1	35.8	32.3
Sarnia, ON	15.0	13.9	40.4	35.3
Sault Ste. Marie, ON	5.8	6.7	20.1	20.2
Emerson, MB	10.8	11.3	21.2	22.3
North Portal, SK	8.4	8.5	23.3	21.2
Coutts, AB	8.8	9.7	24.6	23.0
Huntingdon, BC	11.9	11.0	30.5	29.2
Pacific Highway, BC	15.2	14.9	45.7	43.2

Source: Transport Canada

Table RO9: Annual Trucking Bankruptcies by Region, 2013–2022

<i>Year</i>	<i>Atlantic Provinces</i>	<i>Quebec</i>	<i>Ontario</i>	<i>Manitoba & Saskatchewan</i>	<i>Alberta</i>	<i>British Columbia & Territories</i>	<i>Total Trucking</i>	<i>Total Economy¹</i>
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
2022	0	104	25	1	14	7	151	2,619

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, 2012–2021

	2012	2013	2014	2015	2016 ^R	2017	2018	2019 ^R	2020 ^R	2021 ^P	2012-2021 CAGR (Per cent)
Number of companies											
Urban transit systems ¹	87	85	88	92	95	96	95	96	98	104	2.0
Interurban and rural bus transportation	22	18	17	13	14	13	15	12	18	13	(5.7)
School and employee bus transportation	751	542	531	491	488	411	400	420	439	389	(7.0)
Charter and sightseeing bus industries	155	148	141	127	117	118	117	151	151	116	(3.2)
Other transit and ground passenger transportation ²	231	258	247	213	347	396	485	936	984	944	16.9
Total	1,246	1,051	1,023	936	1,062	1,034	1,112	1,614	1,690	1,566	2.6
(Millions of dollars)											
Revenues by NAICS Industry³											
Urban transit systems ¹	12,340	12,700	13,678	14,987	15,144	16,711	18,173	19,025	17,805	20,061	5.5
Interurban and rural bus transportation	675	754	741	620	734	405	318	275	171	167	(14.4)
School and employee bus transportation	2,089	2,131	2,272	2,099	2,077	2,418	2,471	2,546	2,413	2,684	2.8
Charter and sightseeing bus industries	512	583	599	570	584	636	675	681	288	241	(8.0)
Other transit and ground passenger transportation ²	224	317	316	288	523	468	590	568	433	501	9.4
Total	15,839	16,485	17,605	18,563	19,062	20,638	22,227	23,095	21,110	23,654	4.6
Revenues by Business Line											
Urban transit services	4,061	4,334	4,451	4,582	4,817	4,572	5,219	6,868	3,850	2,610	(4.8)
School Bus transportation	1,548	1,756	1,876	1,727	1,781	1,804	1,921	2,057	1,962	2,126	3.6
Charters services	602	492	537	504	546	567	623	590	288	210	(11.0)
Shuttle & sightseeing services	90	566	571	119	578	567	637	545	381	468	20.1
Scheduled Intercity services	457	452	452	367	225	305	250	243	90	95	(16.0)
Other passenger bus services	378	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Other revenues	565	639	687	776	886	1,168	1,226	1,258	1,396	1,819	13.9
Parcels express delivery	84	76	76	441	56	58	32	12	11	6	(25.1)
Total (excluding government contributions)	7,785	8,314	8,648	8,517	8,889	9,041	9,908	11,574	7,978	7,334	(0.7)
Government contributions ⁴	8,054	8,171	8,957	10,046	10,173	11,597	12,319	11,521	13,131	16,320	8.2
Total	15,839	16,485	17,605	18,563	19,062	20,638	22,227	23,095	21,110	23,654	4.6

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 and Employee bus transportation; 485510 - Charter bus industry; 485990 - Other Transit/ Ground Passenger transportation; and finally 487110 - Scenic and Sightseeing Transportation Land.

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

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

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

(Millions of passengers)

	Urban Transit ¹ 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 ^R	2,195.7	1,312.2
2020 ^P	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

	(Number of vehicles)									
<i>Vehicle Type</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 ¹	326	320	323	328	362	390	378	452	452	309
Total Vehicles	18,128	18,306	18,621	18,862	19,394	19,986	20,286	21,072	21,994	21,378

1 Including streetcars, locomotives, ferries and other unspecified.

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

Table RO13: Average Annual Compensation in the Bus Industry, 2012–2021

	(Current dollars)									
	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019^R</i>	<i>2020^P</i>	<i>2021^P</i>
Urban transit systems	89,799	89,226	89,392	89,653	94,212	98,433	96,655	97,536	90,730	97,048
Interurban and rural bus transportation	77,968	88,450	83,878	80,267	81,043	61,719	84,144	89,557	46,322	56,804
Other transit and ground passenger transportation	29,288	41,373	49,123	44,786	44,998	46,322	44,820	47,952	47,662	54,134
Charter and sightseeing bus industries	38,038	37,182	39,010	43,358	35,848	35,818	38,471	37,191	34,270	N/A
School and employee bus transportation	27,898	28,694	26,715	25,193	26,130	N/A	30,722	29,806	26,425	28,236
Total bus industries and bus activities in non-bus industries	63,205	64,255	62,416	62,634	63,077	67,211	67,645	68,937	63,698	62,631

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, 2021

	<i>Quebec</i>	<i>Ontario</i>	<i>Alberta</i>	<i>B.C.</i>	<i>Canada</i>
Price levels, (Canada=100)	86.5	106.9	79.9	118.2	100.0
Total unit cost (Canada=100)	82.3	114.2	101.5	94.1	100.0
Cost recovery (in %)	17.4	15.5	13.0	20.8	16.6
Revenue Shortfall per passenger (\$)	9.4	21.3	13.0	11.5	14.5

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

pertran_F in CUTA folder (finance and for transfer)

Table S1: Summary of Transportation Safety Statistics for Aviation, Marine, Rail, Road and TDG, 2013–2022

	<i>Year</i>	<i>Mode of transportation</i>				
		<i>Aviation¹</i>	<i>Marine²</i>	<i>Rail³</i>	<i>Road⁴</i>	<i>TDG⁵</i>
Accidents	2022 ^P	136	202	995	N/A	394
	2021	158	179	898	79,563	353
	2020	147	216	942	79,990	323
	2019	189	201	1,214	104,640	437
	2018	152	221	1,167	111,334	448
	2017	190	222	1,087	114,412	397
	2016	184	259	896	118,321	291
	2015	207	209	1,042	119,550	331
	2014	189	244	1,042	116,292	385
	2013	233	253	1,094	122,143	393
Fatalities	2022 ^P	27	7	66	N/A	0
	2021	26	11	60	1,768	2
	2020	13	18	60	1,746	0
	2019	54	12	72	1,756	0
	2018	25	19	57	1,939	2
	2017	27	8	76	1,861	1
	2016	25	6	66	1,900	3
	2015	36	18	46	1,887	4
	2014	13	11	56	1,841	1
	2013	53	16	124	1,951	50
Accident Rates	2022 ^P	N/A	10.3	12.3	N/A	N/A
	2021	4.6	6.6	11.3	0.67	N/A
	2020	4.7	8.2	11.7	0.68	N/A
	2019	3.9	7.3	13.7	0.69	N/A
	2018	3.0	8.5	13.3	0.77	N/A
	2017	4.0	N/A	13.1	0.76	N/A
	2016	4.1	N/A	11.3	0.78	N/A
	2015	4.8	N/A	12.3	0.79	N/A
	2014	4.4	N/A	11.9	0.78	N/A
	2013	5.4	N/A	13.0	0.85	N/A

Notes: Data for the years 2013 - 2021 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 (nominator) for determining the rate are also particular to each mode and have their own set of limitations. For marine, data are collected only for commercial vessels over 15 gross tons. In addition, there have been data collection changes over the years. The unit of million vessel-kilometres is being used for the ten-year accident rates for marine. For road, the available casualty rates are based on the number of registered vehicles rather than kilometres. For aviation, hours flown is more representative of risk exposure.

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

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 2022, as accident/incident reports can be received or revised and updated after the annual report is finalized. The difference between the final and preliminary accident totals has historically been insignificant (e.g. about one per cent) for rail, marine and aviation. For road, collisions reported to the police are collected by the provinces/territories and provided to Transport Canada to develop the national casualty collision statistics. The one calendar year delay is due to the inherent difficulties in handling the collection and processing of high volumes of data (over 600,000 crash cases annually) and the compiling and release of statistics at the jurisdictional and then at the national levels.

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

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

1 Canadian-registered aircraft, other than ultra-lights, 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.

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

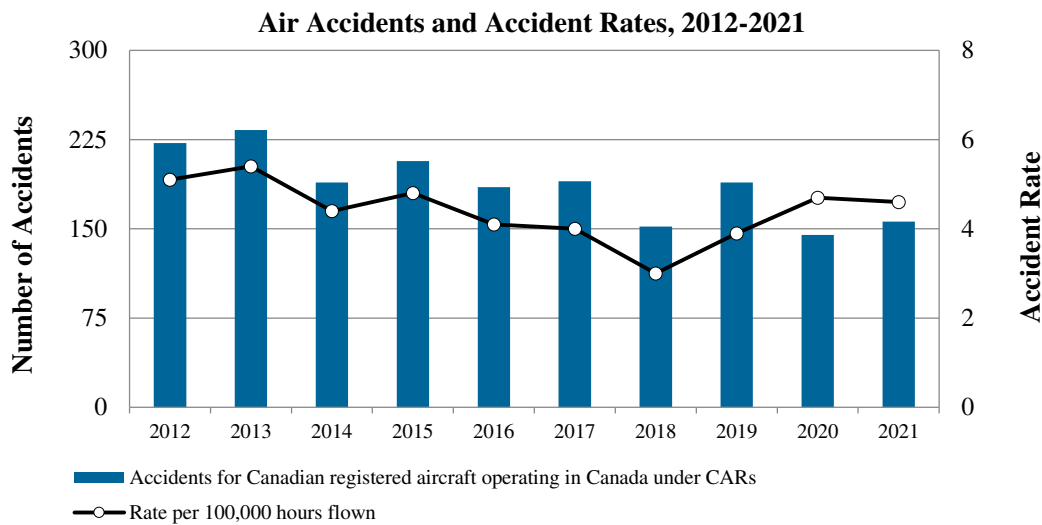
3 Railways under federal jurisdiction. Accident rates are per million train-miles. Train-miles include main track-miles and yard switching-miles.

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

5 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.

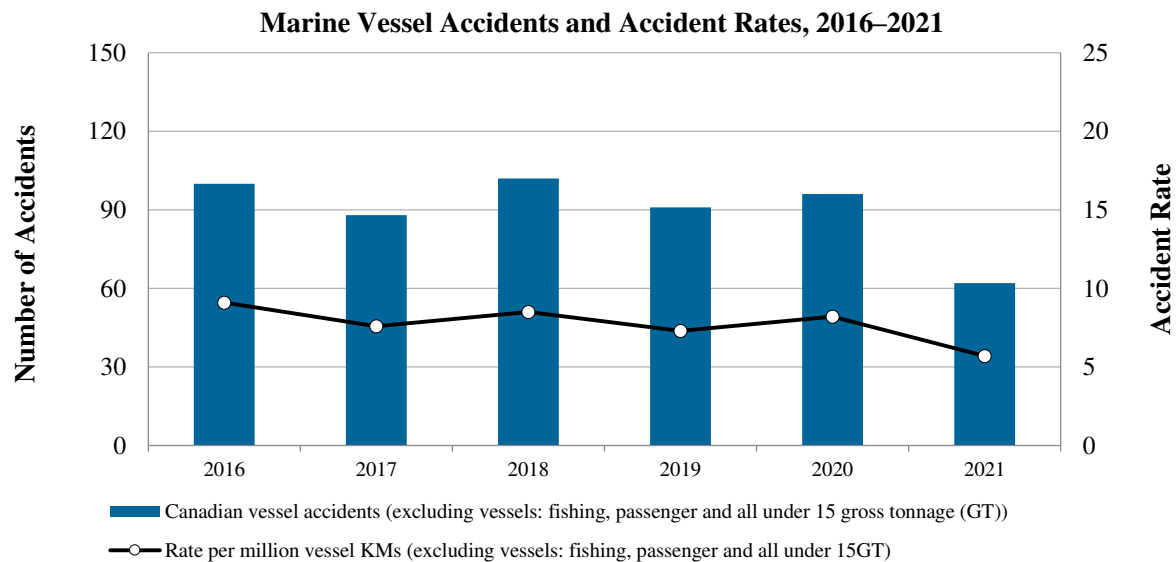
Sources: Transportation Safety Board, Transport Canada and Statistics Canada

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

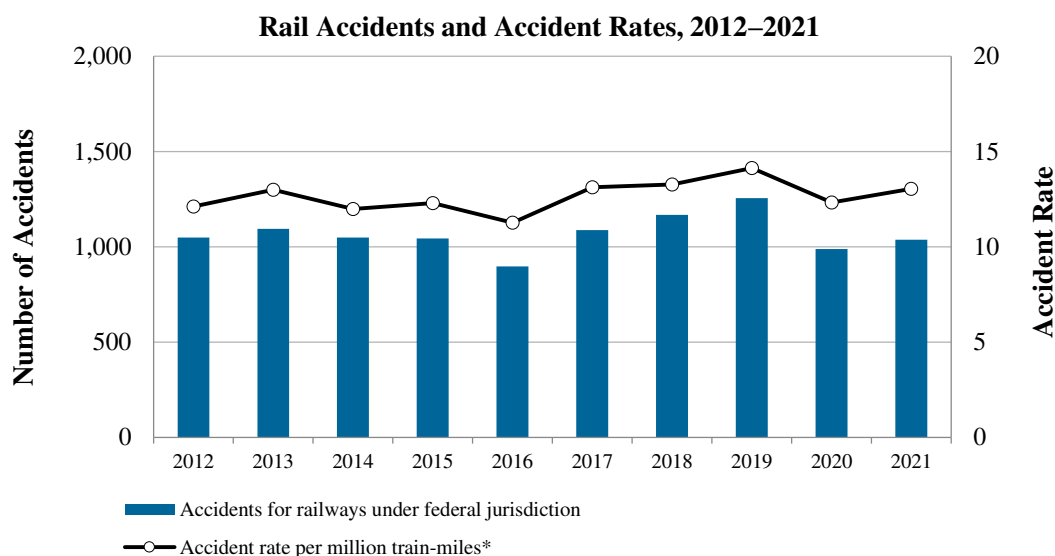


Air	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Accidents for Canadian registered aircraft operating in Canada under CARs	222	233	189	207	185	190	152	189	145	156
Rate per 100,000 hours flown	5.1	5.4	4.4	4.8	4.1	4.0	3.0	3.9	4.7	4.6

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.



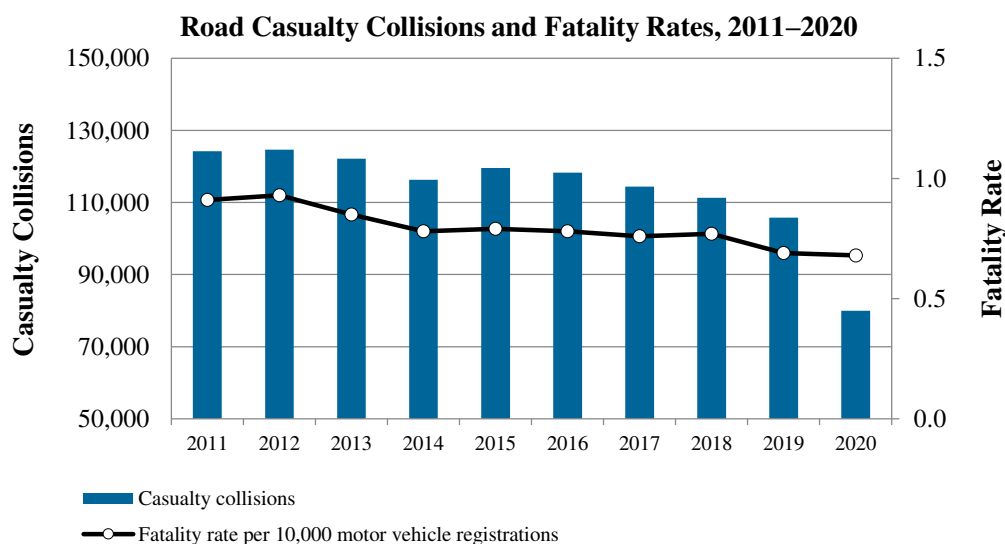
Marine Raw Data	2016	2017	2018	2019	2020	2021
Canadian vessel accidents (excluding vessels: fishing, passenger and all under 15 gross tonnage (GT))	100	88	102	91	96	62
Rate per million vessel KM (excluding vessels: fishing, passenger and all under 15GT)	9.1	7.6	8.5	7.3	8.2	5.7



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 vehicle registrat	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, 2013–2022

	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^R	2021 ^R	2022 ^P	Average 2013 - 2022
Accident Type											
Crossing collision	184	185	165	133	143	167	178	130	136	160	158.1
Trespasser accident	56	54	50	68	77	68	56	60	63	73	62.5
Main-track train derailment	84	100	74	58	81	87	93	70	76	68	79.1
Main-track train collision	4	9	4	5	3	5	4	7	3	8	5.2
Non-main-track train derailment	549	481	523	435	541	599	606	492	400	440	506.6
Non-main track train collision	93	106	92	69	103	101	112	67	62	63	86.8
Derailment involving track unit	18	7	11	7	24	16	19	15	16	32	16.5
Collision involving track unit	23	20	32	16	21	32	31	24	34	32	26.5
Employee accident	8	10	9	11	13	8	14	9	8	8	9.8
Passenger accident	0	3	6	5	4	5	1	0	3	2	2.9
Rolling stock with object	32	22	20	36	30	31	30	30	43	45	31.9
Rolling stock with abandoned vehicle	10	2	6	7	3	9	7	4	3	4	5.5
Rolling stock damage without derailment/collision	23	13	20	12	12	6	5	1	5	14	11.1
Fire on board rolling stock	10	30	30	34	32	33	58	32	46	46	35.1
Other accidents								1			1.0
Total Accidents	1,094	1,042	1,042	896	1,087	1,167	1,214	942	898	995	1037.7
Incident Type											
Main-track switch in abnormal position	7	6	12	7	12	7	15	3	13	8	9.0
Movement exceeds limits of authority	98	129	142	133	122	138	136	149	109	134	129.0
Signal less restrictive than required	1	2	5	1	1	2	0	1	0	6	1.9
Unprotected overlap of authorities	4	5	6	4	2	11	6	5	4	2	4.9
Runaway rolling stock	14	11	14	10	14	15	16	19	13	9	13.5
Crew member incapacitated	6	1	2	1	4	5	0	1	0	0	2.0
Dangerous goods leakage	94	63	33	7	0	0	0	0	0	0	19.7
Main-track train derailment ¹	0	2	3	5	3	4	3	1	2	1	2.4
Non-main-track train derailment ¹	0	166	125	97	67	96	58	32	39	121	80.1
Non-main track train collision ¹	0	8	4	4	2	2	0	1	2	4	2.7
Derailment involving track unit ¹	0	7	10	13	5	5	7	9	4	4	6.4
Rolling stock with object ²	0	6	10	14	3	0	1	2	6	5	4.7
Rolling stock with abandoned vehicle ²	0	1	5	5	0	1	0	1	1	0	1.4
Fire on railway right-of-way	1	6	2	1	1	1	42	46	143	87	33.0
Other incidents	0	0	1	0	0	0	1	5	1	0	0.8
Total Incidents	225	413	374	302	236	287	285	275	337	381	311.5
Million Train-Miles (MTM)³	84.3	87.4	85.0	79.6	82.9	88.0	88.9	80.2	79.6	81.0	83.7
Accidents per MTM - Accident Rate	13.0	11.9	12.3	11.3	13.1	13.3	13.7	11.7	11.3	12.3	12.4
Accident Fatalities											
Crossing collision	30	21	15	19	19	19	28	18	17	14	20.0
Trespasser accident	42	32	30	47	53	34	38	40	41	52	40.9
Other	52	3	1	0	4	4	6	2	2	0	7.4
Total Fatalities	124	56	46	66	76	57	72	60	60	66	68.3
Accident Injuries											
Crossing collision	27	29	18	24	22	42	31	12	24	27	25.6
Trespasser accident	10	21	17	20	22	30	17	20	17	16	19.0
Other	2	3	15	12	21	19	17	8	11	14	12.2
Total Injuries	39	53	50	56	65	91	65	40	52	57	56.8
Dangerous Goods Involved in Accidents	141	143	126	99	115	123	169	81	86	110	119.3
Passenger Train Accidents	45	48	46	56	51	67	47	31	41	52	48.4
Passenger Train-Miles (PTM)⁴	6.1	6.0	6.1	6.5	5.9	6.8	6.9	2.8	3.7	3.7	5.4
Passenger Rate	7.4	8.1	7.5	8.6	8.7	9.8	6.8	11.0	11.2	14.2	9.3

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/rail/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

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

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

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

Table S4: Railways Under Federal Jurisdiction, Accidents by Province/Territory, 2013 – 2022

<i>Province/Territory</i>	<i>Data</i>	<i>2013^R</i>	<i>2014^R</i>	<i>2015^R</i>	<i>2016^R</i>	<i>2017^R</i>	<i>2018^R</i>	<i>2019^R</i>	<i>2020^R</i>	<i>2021^R</i>	<i>2022^P</i>	<i>Average 2013 - 2022</i>
Alberta	Occurrences	274	246	185	152	198	239	230	187	159	162	203.2
	Fatalities	13	7	6	8	8	8	11	15	8	8	9.2
	Injuries (serious)	6	10	10	10	11	10	15	5	10	14	10.1
British Columbia	Occurrences	181	170	186	163	207	228	207	203	198	174	191.7
	Fatalities	8	11	8	17	11	12	11	10	5	9	10.2
	Injuries (serious)	4	10	14	10	15	10	10	12	15	11	11.1
Manitoba	Occurrences	115	122	122	101	119	107	131	113	90	94	111.4
	Fatalities	2	2	2	4	3	3	7	6	2	2	3.3
	Injuries (serious)	1	8	2	7	8	10	2	4	4	5	5.1
New Brunswick	Occurrences	9	26	24	21	12	12	17	11	14	14	16.0
	Fatalities	1	0	1	2	0	2	1	0	0	0	0.7
	Injuries (serious)	0	0	0	1	0	0	1	1	1	0	0.4
Newfoundland and Labrador	Occurrences	3	0	9	14	17	14	10	11	19	16	11.3
	Fatalities	0	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	2	0	0	1	0.3
Northwest Territories and Nunavut	Occurrences	2	1	1	0	1	0	0	0	1	1	0.7
	Fatalities	0	0	0	0	0	0	0	0	0	0	0.0
	Injuries (serious)	0	0	0	0	0	0	0	0	0	0	0.0
Nova Scotia	Occurrences	3	5	6	6	12	10	6	16	9	16	8.9
	Fatalities	0	0	0	2	1	0	0	0	0	0	0.3
	Injuries (serious)	0	0	0	0	0	2	2	3	0	3	1.0
Ontario	Occurrences	232	234	257	209	252	263	301	196	212	241	239.7
	Fatalities	39	20	18	22	33	21	28	16	35	34	26.6
	Injuries (serious)	18	9	12	14	19	23	20	10	16	12	15.3
Quebec	Occurrences	110	114	149	135	162	140	185	126	106	158	138.5
	Fatalities	53	13	9	5	17	10	6	11	9	8	14.1
	Injuries (serious)	4	8	3	10	9	22	4	2	3	4	6.9
Saskatchewan	Occurrences	165	124	103	95	107	154	127	79	90	119	116.3
	Fatalities	8	3	2	6	2	1	8	2	1	5	3.8
	Injuries (serious)	5	7	7	4	3	10	9	2	3	7	5.7
Total Occurrences		1094	1042	1042	896	1087	1167	1214	942	898	995	1037.7
Total Fatalities		124	56	46	66	75	57	72	60	60	66	68.2
Total Injuries		38	52	48	56	65	87	65	39	52	57	55.9

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

	2013	2014	2015	2016	2017	2018	2019	2020	2021 ^R	2022 ^P	Average 2013 - 2022
Crossing Collisions	184	185	165	133	143	167	178	130	136	160	158.1
Public automated	107	86	79	69	70	86	86	54	58	77	77.2
Public passive	65	68	52	36	47	50	49	56	56	55	53.4
Private	10	27	28	24	21	30	40	18	22	25	24.5
Farm	2	4	6	4	5	1	3	2	0	3	3.0
Unknown	0	0	0	0	0	0	0	0	0	0	0.0
Trespasser Accidents	56	54	51	68	77	68	56	60	63	73	62.6
Fatalities	42	32	30	47	53	34	38	40	41	52	40.9
Serious Injuries	10	21	17	20	22	30	17	20	17	16	19.0
Alberta	7	10	5	10	8	10	14	12	6	9	9.1
British Columbia	8	13	12	21	17	12	8	12	11	13	12.7
Manitoba	2	2	1	4	4	3	2	3	1	3	2.5
New Brunswick	0	0	1	1	0	0	1	1	1	0	0.5
Newfoundland and Labrador	0	0	0	0	0	0	0	0	0	1	0.0
Nova Scotia	0	0	0	1	1	0	0	2	1	2	0.7
Ontario	30	21	23	25	34	30	21	21	35	34	27.4
Quebec	7	6	5	3	12	12	6	8	6	11	7.6
Saskatchewan	2	2	4	3	1	1	4	1	2	0	2.0

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), 2012–2021

<i>Year</i>	<i>Casualty Collisions^{1R}</i>	<i>Fatalities^{2R}</i>	<i>Injuries^{3R}</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^R/Billion Vehicle-Kms</i>
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	386,629	0.8	65.5	4.9	410.9
2017	114,412	1,861	152,773	24,619	389,757	0.8	62.1	4.8	392.0
2018	111,334	1,939	149,065	25,043	394,622	0.8	59.5	4.9	377.7
2019	104,610	1,756	139,084	25,426	407,997	0.7	54.7	4.3	340.9
2020	79,990	1,746	104,286	25,744	372,499	0.7	40.5	4.7	280.0
2021P	79,563	1,768	108,018	26,223	372,501	0.7	41.2	4.7	290.0
2012–2021 Average	109,090	1,872	146,070	24,416	373,053	0.8	60.3	5.0	393.8

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

Data for Ontario and Alberta are preliminary for 2020 and 2021. 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: 2012–2021: Statistics Canada, Table 23-10-0067-01

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, “Canadian Vehicle Survey”. Vehicle-kilometres are estimated for 2012–2021

Table S7: Road Casualty Rates (Fatalities and Injuries per Billion Vehicle-Kilometres) by Province/Territory, 2020 and 2021

	Fatalities ¹		Injuries ²	
	2020	2021 ^P	2020	2021 ^P
Canada	4.7	4.8	272.7	290.0
Newfoundland and Labrador	11.8	7.4	453.0	448.1
Prince Edward Island	10.6	12.0	325.8	325.8
Nova Scotia	6.0	7.4	498.3	295.9
New Brunswick	6.3	8.5	340.7	340.7
Quebec	4.8	4.9	338.8	386.7
Ontario	4.0	4.2	238.4	241.2
Manitoba	3.8	3.8	351.3	365.5
Saskatchewan	6.6	6.4	265.5	345.6
Alberta	4.0	4.2	182.3	200.5
British Columbia	5.6	6.7	283.1	314.3
Yukon	5.6	2.8	260.1	222.4
Northwest Territories	9.2	4.6	160.9	193.1
Nunavut	47.6	23.8	595.2	381.0

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, 2016–2021

<i>Vehicle Type</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2016-2020 Average</i>	<i>2021E</i>
Commercial Vehicles							
All buses	31	28	33	13	21	25	23
Straight trucks > 4,536 kg	122	140	135	127	119	129	124
Tractor-trailers	220	264	220	235	179	224	184
Total Commercial Vehicles	373	432	388	375	319	378	331
Non-commercial vehicles involved with NSC vehicles ¹	374	373	353	363	286	350	304
Total vehicles in collisions involving commercial vehicles	747	805	741	738	605	727	635
Total all other vehicles involved	2,148	2,029	2,163	1,959	1,973	2,054	2,040
Total of all vehicles involved	2,895	2,834	2,904	2,697	2,578	2,782	2,675

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

Data for Ontario and Alberta are preliminary for 2020 and 2021. Data for New Brunswick were estimated.

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

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

Table S9: Fatalities¹ Resulting from Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2016–2021

<i>Vehicle Type</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	2016-2020 Average	<i>2021E</i>
All buses	5	5	20	0	0	6	3
Straight trucks > 4,536 kg	16	20	24	16	17	19	16
Tractor-trailers	36	43	30	31	30	34	28
Commercial vehicle occupant total	57	68	74	47	47	59	47
Occupants of other vehicles involved with commercial vehicles	253	276	236	257	212	247	272
Bicyclists	13	11	10	10	11	11	8
Pedestrians	50	48	53	50	47	50	52
Total fatalities in collisions involving commercial vehicles	373	403	373	364	317	367	379
Fatalities in all other collisions	1,527	1,458	1,566	1,392	1,429	1,474	1,389
Total	1,900	1,861	1,939	1,756	1,746	1,841	1,768

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

Data for Ontario and Alberta are preliminary for 2020 and 2021. 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: Fatalities¹ by Road User Class, 2016–2021

<i>Road User Class</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2016-2020 Average</i>	<i>2021E</i>
Drivers	875	954	936	867	835	893	888
Passengers	333	318	351	295	269	313	263
Pedestrians	356	304	338	315	286	320	280
Bicyclists	49	40	45	38	51	45	44
Motorcyclists	214	199	206	187	242	210	232
Not stated	73	46	63	54	63	60	61
Total	1,900	1,861	1,939	1,756	1,746	1,840	1,768

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

Data for Ontario and Alberta are preliminary for 2020 and 2021. 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, 2016–2021

<i>Vehicle Types</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	2016-2020	<i>2021^E</i>
						Average	
Automobile	1,394	1,362	1,414	1,329	1,200	1,340	1,242
Passenger vans	155	172	180	148	139	159	149
Light utility vehicles	83	60	79	69	69	72	74
Pickup trucks	370	349	354	328	321	344	335
Cargo vans	30	38	31	27	25	30	28
Other trucks/vans < 4,536kg	97	90	98	89	90	93	98
Trucks:							
Tractor-trailers	220	264	220	235	179	224	184
Trucks > 4,536 kg	122	140	135	127	119	129	124
Bus							
School	12	9	10	5	8	9	8
Urban	8	9	11	2	9	8	7
Intercity	1	2	2	2	2	2	3
Bus unspecified	10	8	10	4	2	7	5
Motorcycles and mopeds	230	206	213	188	251	218	274
Bicycles	58	40	46	43	53	48	44
Farm and construction equipments	32	24	19	20	19	23	18
Snowmobiles	8	9	6	9	5	7	6
Streetcars	3	3	5	4	0	3	2
Motorhomes	2	4	7	9	7	6	5
Off-road vehicles	30	17	32	27	37	29	26
Fire engines	0	0	2	1	1	1	1
Others	12	13	8	15	19	13	16
Unknown vehicle types	18	15	22	16	23	19	26
Total	2,895	2,834	2,904	2,697	2,578	2,782	2,675

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

Data for Ontario and Alberta are preliminary for 2020 and 2021. Data for New Brunswick were estimated.

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

Table S12: Marine Occurrences, 2017–2022

						2018- 2021 average
Canadian Vessels	2018	2019	2020	2021R	2022P	
Accidents	221	201	216	179	202	204.3
Shipping Accidents	180	152	178	144	166	163.5
Abandoned	0	0	0	1	0	0.3
Capsizes	7	2	2	4	8	3.8
Collision	24	14	24	13	21	18.8
Explosion	1	1	1	2	0	1.3
Fire	29	24	34	36	31	30.8
Grounding	50	42	43	31	44	41.5
Missing				2	0	2.0 added this row in 2022
Sank	15	15	17	21	28	17.0
Striking	37	36	45	24	25	35.5
Sustains Damage Render Unseaworthy/Unfit For Purpose	17	18	12	10	9	14.3
Accident Aboard Ship	41	49	38	35	36	40.8
Fatalities	19	12	18	11	7	15.0
Shipping Accident	14	1	12	9	2	9.0
Accident Aboard Ship	5	11	6	2	5	6.0
Injuries	41	40	35	35	33	37.8
Shipping Accident	3	5	2	5	7	3.8
Accident Aboard Ship	38	35	33	30	26	34.0
Type of Vessels Involved in Shipping Accidents (by Vessel Category)	212	168	211	144	166	183.8
Commercial	131	110	124	84	95	112.3
Barge	25	15	21	9	12	17.5
Cargo - Liquid	2	3	5	3	2	3.3
Cargo - Solid	28	24	31	12	14	23.8
Ferry	11	18	16	14	19	14.8
Passenger	11	17	10	6	10	11.0
Survey/Research	0	2	1	2	0	1.3
Service Ship	27	23	18	14	22	20.5
Ships boat				5	6	5.0
Tug	27	6	22	16	10	17.8
Sailing Vessel	0	0	0	0	0	0.0
Other	0	2	0	3	0	1.3
Fishing	70	54	77	47	62	62.0
Non-commercial	11	4	10	13	9	9.5
Commercial Accident Rate						
Commercial vessel accidents (>15 GT, Canadian, non-fishing, non-passenger)	102	91	96	71	91	90.0
Million vessel-kms	12.0	12.5	11.7	10.8	18.5	11.8
Accident Rate/million vessel-kms	8.5	7.3	8.2	6.6	4.9	7.6
Vessel transits	69,661	70,087	59,688	59,282	87,997	64679.5
Accident Rate/thousand vessel trips	1.5	1.3	1.6	1.2	1.0	1.4
Vessels Lost	13	9	14	13	12	12.3

Commercial	3	3	1	5	4	3.0
Fishing	10	6	13	8	8	9.3
Incident	689	708	675	668	745	685.0
Foreign Vessels						
Accidents	69	66	47	41	39	55.8
Shipping Accident	53	55	42	33	31	45.8
Accident Aboard Ship	16	11	5	8	8	10.0
Type of Vessels Involved in Shipping Accidents (by Vessel Category)	55	61	48	33	31	49.3
Commercial	41	55	43	30	30	42.3
Fishing	14	6	5	3	1	7.0
Non-commercial				0	0	0.0
Fatalities	3	5	0	0	0	2.0
Shipping Accident	0	3	0	0	0	0.8
Accident Aboard Ship	3	2	0	0	0	1.3
Injuries	20	13	6	10	7	12.3
Shipping Accident	5	5	0	0	0	2.5
Accident Aboard Ship	15	8	6	10	7	9.8
Vessels Lost	1	0	0	2	0	0.8
Incident	243	241	250	186	214	230.0
Total Marine Occurrences						
Accidents	290	267	263	220	241	260.0
Shipping Accident	233	207	220	177	197	209.3
Accident Aboard Ship	57	60	43	43	44	50.8
Fatalities	22	17	18	11	7	17.0
Injuries	61	53	41	45	40	50.0
Vessels Involved in Shipping Accidents	267	229	259	201	232	239.0
Vessels Lost	14	9	14	15	12	13.0
Incidents (Mandatory reporting)	932	949	925	854	959	915.0

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

Transport Canada (TC) adopted an adjusted methodology to generate the summary table above.

As of 2021, category "Type of Vessels Involved in Shipping Accidents (by Vessel Category)" represents the number of occurrences, not the number of vessels involved.

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").

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 nautical miles (nm) territorial sea and converted to Kilometers using a factor of 1.852. Data is not comparable to previous editions because of changes in sources and concepts.

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.

As of 2021 only serious injuries are counted.

All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2021/ssmo-ssmo-2021.html>

As of 2021, when the vessel flag was "unknown", "n/a", or not reported ("blank") it was assumed that the vessel was Canadian.

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

Table S13: Small Canadian Vessels (< 15 GT) Engaged in Commercial Activity—Marine Occurrences, 2017-2022

	2017	2018	2019	2020	2021R	2022P	2017-2021 Average
Total Accidents	62	52	50	53	56	58	55
Shipping Accident	57	46	41	51	48	54	49
Accident Aboard Ship	5	6	9	2	8	4	6
Vessels Involved in Shipping Accidents (By type of vessel)	64	57	45	60	48	54	55
Commercial	37	27	23	23	28	23	28
Barge	0	1	1	0	1	0	1
Cargo - Liquid	0	0	0	0	0	0	0
Cargo - Solid	0	0	0	0	0	0	0
Ferry	0	0	0	0	2	0	0
Passenger	10	8	9	7	4	5	8
Survey/Research	0	0	0	1	0	0	0
Service Ship	17	8	12	8	6	11	10
Tanker	0	0	0	0	0	0	0
Tug	10	10	1	7	7	1	7
Sailing Vessel	0	0	0	0	0	0	0
Ships Boat	0	0	0	0	5	6	1
Other	0	0	0	0	3	0	1
Fishing	27	30	22	37	20	31	27
Fatalities	4	12	9	5	8	3	8
Injuries	8	6	10	4	9	7	7
Vessels Lost	4	5	7	8	8	6	6
Incident	259	272	240	201	238	253	242

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

When the vessel activity was "unknown", it is assumed that fishing is the intention of the voyage. When the vessel activity was not reported ("blank"), it is assumed that the voyage was commercial (non-fishing). 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. When the vessel flag was "unknown", "n/a", or not reported ("blank") it was assumed, for 2021 and 2022, that the vessel was Canadian.

All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2021/ssem-ssmo-2021.html>

Source: Transportation Safety Board

Table S14: Small Canadian Vessels (<15 GT) Engaged in Commercial Fishing Activity–Marine Occurrences, 2017–2022

	2017	2018	2019	2020	2021R	2022P	2017-2022 Average
Total Accidents >15 GT and <=150 GT							
Shipping Accident	39	30	21	31	22	25	28.6
Shipping Accident Fatalities	1	2	0	6	2	1	2.2
Accident aboard ship	11	12	10	10	9	10	10.4
Accident aboard ship fatalities	2	1	2	4	0	0	1.8
Vessels Lost	3	5	2	6	2	2	3.6
Vessels <=15 GT							
Shipping Accident	30	31	23	31	14	26	25.8
Shipping Accident Fatalities	0	8	0	5	2	0	3.0
Accident aboard ship	3	3	7	0	6	3	3.8
Accident aboard ship fatalities	0	3	6	0	1	2	2.0
Vessels Lost	4	4	4	7	2	4	4.2
Vessels of Unknown GT							
Shipping Accident	4	3	1	3	6	5	3.4
Shipping Accident Fatalities	0	0	0	1	2	0	0.6
Accident aboard ship	0	1	0	0	0	1	0.2
Accident aboard ship fatalities	0	1	0	0	0	0	0.2
Vessels Lost	0	0	0	1	2	1	0.6
Total Shipping Accidents	73	64	45	65	42	56	57.8
Total Shipping Accident Fatalities	1	10	0	12	6	1	5.8
Total Accidents aboard ship	14	16	16	10	15	14	14.2
Total Accident aboard ship fatalities	2	5	8	4	1	2	4.0
Total Vessels Lost	7	9	6	14	6	7	8.4

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.

When the vessel flag was "unknown", "n/a", or not reported ("blank") it was assumed, for 2021 and 2022, that the vessel was Canadian.
All definitions can be found in the TSB annual report. <https://www.tsb.gc.ca/eng/stats/marine/2021/ssem-ssmo-2021.html>

Source: Transportation Safety Board

Table S15: Aviation Occurrences and Casualties Involving Aircraft Operating Under CARs, 2017 - 2022

	2017	2018	2019 ^R	2020 ^R	2021 ^R	<i>Average</i> 2017–2021	2022 ^P
Canadian-Registered Aircraft Accidents¹	190	152	189	147	158	167.2	136
Type of Operation							
Airliner	4	3	5	5	3	4.0	1
Commuter	5	0	2	2	1	2.0	0
Air taxi	20	19	26	13	19	19.4	14
Aerial work	19	16	16	11	19	16.2	15
Private operator passenger transportation	1	1	1	1	2	1.2	0
Flight training	36	19	31	20	13	23.8	16
Private/Recreational Aviation Accidents²	106	95	110	95	103	101.8	87
Airplanes	96	83	96	85	90	90.0	78
Balloons	0	0	0	0	2	0.4	1
Gliders	4	1	3	2	3	2.6	2
Gyroplanes	1	2	0	1	0	0.8	0
Helicopters	5	9	11	8	8	8.2	6
Canadian–Registered Basic and Advanced Ultralights	21	15	17	15	19	17.4	10
Others ³	0	0	0	1	1	0.4	3
Fatal Accidents Involving Canadian–Registered Aircraft	18	16	26	9	17	17.2	18
Type of Operation							
Airliner	1	0	0	0	0	0.2	0
Commuter	0	0	0	0	0	0.0	0
Air taxi	0	1	8	1	2	2.4	1
Aerial work	2	3	0	1	4	2.0	5
Private operator passenger transportation	0	1	0	0	1	0.4	0
Flight training	5	0	4	0	0	1.8	0
Private/Recreational Aviation²							
Aeroplanes	10	9	12	6	9	9.2	10
Balloons	0	0	0	0	0	0.0	0
Gliders	1	0	0	0	0	0.2	1
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	0	3	3	1	1	1.6	1
Canadian–Registered Basic and Advanced Ultralights	1	2	2	3	3	2.2	4
Others ³	0	0	0	0	0	0.0	0
Fatalities	27	25	54	13	26	29.0	27
Type of Operation							
Airliner	1	0	0	0	0	0.2	0
Commuter	0	0	0	0	0	0.0	0

Air taxi	0	3	24	1	3	6.2	3
Aerial work	3	5	0	1	4	2.6	6
Private operator passenger transportation	0	0	0	0	1	0.2	0
Flight training	6	0	5	0	0	2.2	0
Private/Recreational Aviation²							
Aeroplanes	16	12	18	10	12	13.6	16
Balloons	0	0	0	0	0	0.0	0
Gliders	1	0	0	0	0	0.2	1
Gyroplanes	0	0	0	0	0	0.0	0
Helicopters	0	5	7	1	4	3.4	1
Canadian-Registered Basic and Advanced Ultralights	1	2	3	3	3	2.4	5
Others ³	0	0	0	0	0	0.0	0
Ground Fatalities	0	0	0	0	2	0.4	0

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

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

1 Excludes aircraft accidents not operating in accordance with CARs (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.

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

Table S16: Summary of Aviation Occurrences Reported to the Transportation Safety Board, 2017 - 2022

	2017	2018	2019	2020 ^R	2021 ^R	Average 2017–2021	2022 ^P
Canadian–Registered Accidents¹	208	173	200	153	170	180.8	145
Accidents involving aircraft operating under CARs	191	153	189	147	160	168.0	139
Other accidents ²	17	20	11	6	10	12.8	6
						0.0	
Foreign–Registered Aircraft Accidents in Canada	7	11	10	0	1	5.8	6
Fatal accidents	0	0	4	0	0	0.8	2
Fatalities	0	0	11	0	0	2.2	2
Reportable Incidents	971	889	943	445	539	757.4	780
Risk of collision/Loss of separation	172	144	139	50	71	115.2	132
Declared emergency	350	341	367	191	208	291.4	311
Engine failure	112	103	118	59	91	96.6	75
Smoke/Fire	105	103	92	29	45	74.8	58
Collision	25	26	32	9	10	20.4	17
Other	207	172	195	107	114	159.0	187

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, 2017 - 2022

	2017	2018	2019 ^R	2020 ^R	2021 ^R	2017 - 2021 Average	2022 ^P
CRA Accidents¹	190	152	189	147	158	167.2	136
Private/Recreational Aviation²	106	95	110	95	103	101.8	87
Airplanes	96	83	96	85	90	90.0	78
Balloons	0	0	0	0	2	0.4	1
Gliders	4	1	3	2	3	2.6	2
Gyroplanes	1	2	0	1	0	0.8	0
Helicopters	5	9	11	8	8	8.2	6
Basic and Advanced Ultralights	21	15	17	15	19	17.4	10
Hours Flown^R (thousands)	4,719	5,016	4,844	3,098	3,422	4,219.8	<i>N/A</i>
Accident Rate (per 100,000 hours flown)	4.0	3.0	3.9	4.7	4.6	4.0	<i>N/A</i>
Canadian Civil Aircraft Registered¹	29,112	29,110	29,169	29,088	29,115	29,118.8	29,234
Private/Recreational Aviation²	21,912	21,862	21,785	21,773	21,714	21,809.2	21,654
Airplanes	19,435	19,387	19,331	19,271	19,208	19,326.4	<i>19,120</i>
Balloons	508	501	492	498	497	499.2	<i>502</i>
Gliders	719	716	714	714	712	715.0	<i>704</i>
Gyroplanes	229	230	230	229	230	229.6	<i>228</i>
Helicopters	1,020	1,028	1,018	1,061	1,067	1,038.8	<i>1,100</i>
Basic and Advanced Ultralights	7,459	7,590	7,682	7,785	7,903	7,683.8	7,995
Accident Rate (per 1,000 Canadian civil aircraft registered)	6.5	5.2	6.5	5.0	5.4	5.7	4.7
Private/Recreational Aviation	4.8	4.3	5.0	4.3	4.7	4.6	<i>4.0</i>
Airplanes	4.9	4.3	5.0	4.4	4.6	4.6	<i>4.1</i>
Balloons	0.0	0	0	0	4	0.8	<i>2.0</i>
Gliders	5.6	1.4	4.2	2.8	4.2	3.6	<i>2.8</i>
Gyroplanes	4.4	8.7	0	4.4	0	3.5	<i>0</i>
Helicopters	4.9	8.8	10.8	6.6	7.5	7.7	<i>5.5</i>
Basic and Advanced Ultralights	2.8	2.0	2.1	1.9	2.4	2.2	1.3

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.

The collection of hours flown for 2022 has been suspended and therefore an accident rate for 2022 cannot be calculated at this time. No revision to hours flown for previous years.

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, 2017 - 2022

	2017	2018	2019	2020 ^R	2021 ^R	2017-2021 Average	2022 ^P
Accidents							
Newfoundland and Labrador	2	2	2	2	3	2.2	2
Nova Scotia	2	1	1	1	2	1.4	0
New Brunswick	5	1	8	2	2	3.6	0
Prince Edward Island	1	0	0	0	0	0.2	1
Quebec	39	25	42	29	40	35.0	30
Ontario	46	40	44	31	26	37.4	40
Manitoba	8	6	11	9	5	7.8	5
Saskatchewan	12	13	12	16	7	12.0	14
Alberta	32	28	26	21	26	26.6	15
British Columbia	34	29	36	33	39	34.2	27
Yukon	4	2	2	0	3	2.2	1
Northwest Territories	2	4	4	1	2	2.6	1
Nunavut	3	1	1	2	3	2.0	0
Total	190	152	189	147	158	167.2	136
Fatal Accidents							
Newfoundland and Labrador	0	0	1	1	1	0.6	0
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	0	0	1	0	0	0.2	0
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	4	2	6	3	5	4.0	3
Ontario	3	4	5	0	3	3.0	8
Manitoba	3	0	1	0	0	0.8	1
Saskatchewan	2	1	0	0	0	0.6	1
Alberta	3	4	5	2	4	3.6	2
British Columbia	2	4	5	3	2	3.2	3
Yukon	1	0	1	0	0	0.4	0
Northwest Territories	0	1	1	0	0	0.4	0
Nunavut	0	0	0	0	2	0.4	0
Total	18	16	26	9	17	17.2	18
Fatalities							
Newfoundland and Labrador	0	0	7	1	2	2.0	0
Nova Scotia	0	0	0	0	0	0.0	0
New Brunswick	0	0	1	0	0	0.2	0
Prince Edward Island	0	0	0	0	0	0.0	0
Quebec	6	4	10	4	6	6.0	4
Ontario	5	6	9	0	4	4.8	13

Manitoba	4	0	3	0	0	1.4	1
Saskatchewan	3	1	0	0	0	0.8	2
Alberta	5	5	8	5	7	6.0	2
British Columbia	3	6	12	3	3	5.4	5
Yukon	1	0	2	0	0	0.6	0
Northwest Territories	0	3	2	0	0	1.0	0
Nunavut	0	0	0	0	4	0.8	0
Total	27	25	54	13	26	29.0	27

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, 2006–2017

<i>Year</i>	----- <i>In-Transit</i> -----					<i>Not In-Transit</i>	<i>Total</i>
	<i>Road</i>	<i>Rail</i>	<i>Air</i>	<i>Marine</i>	<i>Subtotal</i>		
2006	102	4	7	0	113	272	385
2007 ^R	124	9	8	0	141	284	425
2008 ^R	115	7	4	0	126	310	436
2009 ^R	78	5	0	0	83	243	326
2010	95	5	1	0	101	203	304
2011	91	3	2	0	96	249	345
2012	85	2	1	0	88	313	401
2013 ^R	105	8	5	0	118	278	396
2014 ^R	111	6	3	0	120	265	385
2015	88	10	3	0	101	233	334
2016 ^R	101	5	5	2	113	187	300
2006 - 2016 Average	99.5	5.8	3.5	0	109.1	257.9	367
2017 ^P	257	21	4	4	286	143	429

Notes: R= Revised data. P= Preliminary data (2017 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

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

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

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

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

Source: Transport Canada, Dangerous Goods Accident Information System

Table S20: Deaths and Injuries Attributed to the Dangerous Goods at Reportable Accidents, 2006–2017

<i>Year</i>	<i>Fatalities</i>	<i>Injuries</i>			<i>Total</i>
		<i>Major</i>	<i>Moderate</i>	<i>Minor</i>	
2006	1	0	17	0	17
2007	0	2	8	3	13
2008	0	1	8	2	11
2009	0	1	4	2	7
2010	0	2	7	0	9
2011	0	1	7	1	9
2012	0	0	7	6	13
2013	50	0	18	5	23
2014	1	0	8	4	12
2015	0	0	2	81	83
2016 ^R	2	0	2	7	9
2006 - 2016 Average	4.9	0.6	8	10.1	18.7
2017 ^P	1	1	2	5	8

Notes: R= Revised data. P= Preliminary data (2017 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

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

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

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

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

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

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

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

The Leeds, ON multiple road vehicle collision accident on March 14, 2017 involving tote tanks containing Fluorosilicic Acid resulted in one death and one major injury.

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

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

Source: Transport Canada, Dangerous Goods Accident Information System