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**TRANSPORTATION  
IN CANADA 2003**

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A N N U A L R E P O R T

**ADDENDUM**

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**TABLE A2-1: MODAL SHARES IN CANADA-UNITED STATES TRADE, 1993 – 2003**  
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**Canadian Exports to the U.S.**  
(Millions of dollars)

	Total Exports <sup>1</sup>						Share (%)				
	<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>
1993	150,657	86,792	36,701	4,422	6,762	15,980	57.6	24.4	2.9	4.5	10.6
1994	183,302	106,182	45,086	4,967	8,963	18,105	57.9	24.6	2.7	4.9	9.9
1995	207,753	119,486	52,108	6,773	9,804	19,582	57.5	25.1	3.3	4.7	9.4
1996	223,177	131,619	50,529	6,999	9,976	24,055	59.0	22.6	3.1	4.5	10.8
1997	243,888	145,544	53,879	6,725	12,195	25,544	59.7	22.1	2.8	5.0	10.5
1998	269,909	169,135	56,212	6,233	13,980	24,348	62.7	20.8	2.3	5.2	9.0
1999	308,076	185,386	70,147	6,927	17,521	28,095	60.2	22.8	2.2	5.7	9.1
2000	359,289	200,311	75,593	9,440	23,845	50,100	55.8	21.0	2.6	6.6	13.9
2001	351,751	192,449	75,268	9,592	21,875	52,567	54.7	21.4	2.7	6.2	14.9
2002	345,366	196,869	75,632	11,346	18,905	42,614	57.0	21.9	3.3	5.5	12.3
2003*	327,685	173,638	71,834	12,086	17,675	52,452	53.0	21.9	3.7	5.4	16.0

**Canadian Imports from the U.S.**  
(Millions of dollars)

	Total Imports <sup>2</sup>						Share (%)				
	<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>
1993	113,846	93,232	9,690	1,829	8,552	542	81.9	8.5	1.6	7.5	0.5
1994	137,347	111,354	12,931	1,881	10,608	572	81.1	9.4	1.4	7.7	0.4
1995	150,682	120,671	14,379	2,188	12,970	474	80.1	9.5	1.5	8.6	0.3
1996	156,953	125,452	13,819	2,423	14,449	810	79.9	8.8	1.5	9.2	0.5
1997	184,414	146,074	17,674	2,779	16,864	1,023	79.2	9.6	1.5	9.1	0.6
1998	203,578	162,767	17,490	3,158	18,656	1,507	80.0	8.6	1.6	9.2	0.7
1999	215,573	174,758	16,800	2,835	20,182	998	81.1	7.8	1.3	9.4	0.5
2000	229,658	182,785	18,655	3,271	23,643	1,304	79.6	8.1	1.4	10.3	0.6
2001	218,294	170,488	19,607	3,528	21,114	3,556	78.1	9.0	1.6	9.7	1.6
2002	218,329	174,764	21,552	3,337	17,406	1,270	80.0	9.9	1.5	8.0	0.6
2003*	203,076	161,693	19,868	3,181	15,416	2,918	79.6	9.8	1.6	7.6	1.4

**Total Canada-U.S. Trade**  
(Millions of dollars)

	Total Exports and Imports						Share (%)				
	<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>
1993	264,503	180,024	46,391	6,251	15,314	16,522	68.1	17.5	2.4	5.8	6.2
1994	320,649	217,536	58,017	6,847	19,571	18,677	67.8	18.1	2.1	6.1	5.8
1995	358,435	240,157	66,486	8,961	22,774	20,056	67.0	18.5	2.5	6.4	5.6
1996	380,130	257,072	64,347	9,422	24,425	24,864	67.6	16.9	2.5	6.4	6.5
1997	428,302	291,618	71,553	9,504	29,059	26,567	68.1	16.7	2.2	6.8	6.2
1998	473,487	331,902	73,702	9,392	32,636	25,855	70.1	15.6	2.0	6.9	5.5
1999	523,649	360,145	86,947	9,762	37,703	29,093	68.8	16.6	1.9	7.2	5.6
2000	588,947	383,096	94,248	12,711	47,488	51,404	65.0	16.0	2.2	8.1	8.7
2001	570,045	362,938	94,876	13,120	42,989	56,123	63.7	16.6	2.3	7.5	9.8
2002	563,695	371,633	97,184	14,683	36,312	43,884	65.9	17.2	2.6	6.4	7.8
2003*	530,760	335,331	91,702	15,267	33,091	55,370	63.2	17.3	2.9	6.2	10.4

**Canadian Exports to the U.S.**  
(Millions of metric tonnes)<sup>3</sup>

	Total Exports						Share (%)				
	<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>
1993	222.0	46.3	41.8	37.2	0.3	96.4	20.9	18.8	16.7	0.1	43.4
1994	249.4	52.3	48.6	40.9	0.4	107.4	21.0	19.5	16.4	0.1	43.0
1995	271.9	54.9	48.5	45.3	0.6	122.7	20.2	17.8	16.7	0.2	45.1
1996	281.0	57.4	49.7	48.4	0.3	125.2	20.4	17.7	17.2	0.1	44.6
1997	294.5	62.0	53.3	50.4	0.3	128.5	21.0	18.1	17.1	0.1	43.6
1998	303.8	64.6	56.3	49.1	0.5	133.3	21.3	18.5	16.2	0.2	43.9
1999	308.5	74.1	59.0	50.1	0.6	124.8	24.0	19.1	16.2	0.2	40.4
2000	335.1	70.8	63.7	53.2	0.7	146.7	21.1	19.0	15.9	0.2	43.8
2001	337.3	68.3	64.6	52.5	0.7	151.3	20.2	19.2	15.6	0.2	44.9
2002	347.3	71.1	64.4	60.6	0.8	150.5	20.5	18.5	17.4	0.2	43.3
2003*	348.7	67.6	69.2	63.2	0.7	147.9	19.4	19.8	18.1	0.2	42.4

**TABLE A2-1: MODAL SHARES IN CANADA–UNITED STATES TRADE, 1993 – 2003**  
(page 2 of 2)

<b>Canadian Imports from the U.S.</b> (Millions of metric tonnes) <sup>3</sup>											
	Total Imports <sup>3</sup>						Share (%)				
	<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>
1993	73.1	37.8	9.5	23.8	0.7	1.3	51.7	13.0	32.6	0.9	1.7
1994	94.5	55.1	12.1	23.9	1.7	1.7	58.3	12.8	25.3	1.8	1.8
1995	87.8	45.7	12.2	27.2	1.5	1.1	52.1	13.9	31.0	1.7	1.2
1996	93.6	47.2	11.9	29.2	2.1	3.2	50.4	12.7	31.2	2.2	3.5
1997	122.1	71.6	13.9	31.6	1.4	3.7	58.6	11.4	25.9	1.2	3.0
1998	131.8	72.3	14.1	36.5	1.8	7.2	54.8	10.7	27.7	1.3	5.5
1999	127.9	72.7	15.2	35.5	1.5	3.0	56.8	11.9	27.8	1.2	2.4
2000	122.6	67.6	17.6	33.4	1.8	2.1	55.2	14.4	27.3	1.5	1.7
2001	122.3	65.2	19.8	33.5	1.5	2.4	53.3	16.2	27.4	1.2	2.0
2002	128.9	68.9	18.1	36.1	1.8	4.0	53.5	14.0	28.0	1.4	3.1
2003*	127.2	65.4	19.4	33.6	1.9	6.9	51.4	15.2	26.4	1.5	5.4

<b>Total Canada–U.S. Trade</b> (Millions of metric tonnes) <sup>3</sup>											
	Total Exports and Imports						Share (%)				
	<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>
1993	295.0	84.1	51.3	61.0	0.9	97.6	28.5	17.4	20.7	0.3	33.1
1994	344.0	107.4	60.7	64.8	2.0	109.1	31.2	17.6	18.8	0.6	31.7
1995	359.7	100.7	60.7	72.5	2.1	123.8	28.0	16.9	20.2	0.6	34.4
1996	374.6	104.6	61.6	77.6	2.4	128.4	27.9	16.4	20.7	0.6	34.3
1997	416.6	133.5	67.2	82.0	1.7	132.2	32.1	16.1	19.7	0.4	31.7
1998	435.7	136.9	70.4	85.6	2.2	140.6	31.4	16.2	19.6	0.5	32.3
1999	436.4	146.7	74.2	85.6	2.1	127.8	33.6	17.0	19.6	0.5	29.3
2000	457.7	138.4	81.3	86.6	2.5	148.8	30.2	17.8	18.9	0.6	32.5
2001	459.6	133.4	84.4	85.9	2.1	153.7	29.0	18.4	18.7	0.5	33.4
2002	476.2	140.0	82.5	96.7	2.6	154.5	29.4	17.3	20.3	0.5	32.4
2003*	475.9	133.0	88.5	96.9	2.6	154.8	28.0	18.6	20.4	0.5	32.5

1 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. 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.

3 Tonnes estimated based on weight conversion factors developed by Statistics Canada.

\* Preliminary data for 2003

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

**TABLE A2-2: CANADA/OTHER COUNTRIES TRADE, BY MODE AND SECTOR, 1997 – 2003**

Year	Value (Millions of dollars)	Share in Per cent				
		Road	Rail	Marine	Air	Other
<b>Exports<sup>1</sup></b>						
1997	54,184	9.1	1.7	72.8	16.4	0.0
1998	48,535	7.8	1.3	71.3	19.5	0.0
1999	47,344	6.5	1.7	71.2	20.6	0.0
2000	53,926	6.3	1.3	69.8	22.6	0.0
2001	52,333	6.4	1.7	67.9	24.0	0.0
2002	51,013	5.5	1.9	68.1	24.5	0.0
2003*	52,974	5.6	1.6	66.2	26.6	0.0
<b>Imports<sup>2</sup></b>						
1997	88,533	31.3	4.5	40.0	22.0	2.1
1998	94,808	36.1	3.6	37.5	21.7	1.1
1999	104,834	34.8	3.2	38.2	23.3	0.5
2000	127,332	30.9	3.5	41.3	23.7	0.6
2001	124,830	32.2	3.9	40.4	21.9	1.6
2002	130,385	32.3	3.5	41.2	20.2	2.7
2003*	131,773	31.7	3.5	42.8	18.7	3.3

Year	Volume (Million tonnes <sup>3</sup> )	Share in Per cent				
		Road	Rail	Marine	Air	Other
<b>Exports<sup>1</sup></b>						
1997	189.9	1.0	0.2	98.4	0.4	0.0
1998	183.3	0.9	0.2	98.6	0.3	0.0
1999	183.1	1.7	0.3	97.7	0.3	0.0
2000	168.4	2.6	0.7	96.3	0.4	0.0
2001	185.4	2.4	0.3	96.1	1.2	0.0
2002	157.7	1.7	0.8	96.9	0.6	0.0
2003*	161.7	1.8	0.5	97.1	0.7	0.0
<b>Imports<sup>2</sup></b>						
1997	83.8	7.6	1.0	79.6	1.4	10.3
1998	96.5	11.2	1.2	79.0	1.9	6.7
1999	78.6	12.2	1.3	80.4	1.9	4.3
2000	85.1	9.3	1.2	84.9	2.2	2.4
2001	85.0	10.2	1.3	79.0	2.0	7.6
2002	89.3	10.5	1.1	71.2	2.8	14.4
2003*	98.2	10.3	1.2	72.5	1.9	14.1

1 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. "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.  
 3 Tonnes estimated based on weight conversion factors developed by Statistics Canada.  
 \* Preliminary data for 2003.

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

**TABLE A2-3: CANADA-UNITED STATES TRADE BY PROVINCE, 2002 – 2003**

Canada-U.S. trade:	(Millions of dollars)				
	Exports <sup>1</sup> 2003*	Imports 2003*	Total 2003*	Total 2002	Change (%) 2003/02
Ontario	173,491	149,868	323,359	355,727	(9.1)
Quebec	53,424	17,329	70,753	76,409	(7.4)
Alberta	51,496	9,317	60,813	52,683	15.4
Brisith Columbia	19,653	11,571	31,224	32,534	(4.0)
Manitoba	7,038	8,221	15,259	16,101	(5.2)
Saskatchewan	6,641	3,707	10,348	10,725	(3.5)
New Brunswick	7,629	2,241	9,870	9,646	2.3
Nova Scotia	4,445	529	4,974	4,768	4.3
Newfoundland and Labrador	3,222	215	3,437	4,356	(21.1)
Prince Edward Island	578	7	585	641	(8.7)
Yukon and NWT	68	72	140	106	31.2
<b>Total</b>	<b>327,685</b>	<b>203,076</b>	<b>530,760</b>	<b>563,695</b>	<b>(5.8)</b>

1 Total exports, including domestic exports and re-exports. Province of origin for exports; province of clearance for imports.  
 \* Preliminary data for 2003.

Source: Transport Canada, adapted from Statistics Canada

**TABLE A2-4: CANADA'S ROAD TRADE WITH THE UNITED STATES BY BUSIEST BORDER CROSSING POINTS, 2003**

Border Crossing Point	(Millions of dollars)			
	Exports by Road	Imports by Road	Total Trade by Road	Share in per cent
Windsor/ Ambassador, Ont.	53,433	65,201	118,634	35.4
Sarnia, Ont.	25,972	22,508	48,480	14.5
Fort Erie, Ont.	32,231	15,310	47,541	14.2
Lacolle, Que.	12,419	4,788	17,206	5.1
Lansdowne, Ont.	8,982	5,040	14,022	4.2
Pacific Highway, B.C.	7,782	5,636	13,418	4.0
Emerson, Man.	6,281	6,133	12,414	3.7
Niagara Falls, Ont.	111	8,244	8,355	2.5
Coutts, Alt.	4,479	3,759	8,238	2.5
Philipsburg, Que.	4,445	2,459	6,905	2.1
North Portal, Sas.	1,902	3,077	4,979	1.5
Other points	15,601	19,538	35,139	10.5
<b>Total Road Trade</b>	<b>173,638</b>	<b>161,693</b>	<b>335,331</b>	<b>100.0</b>

Note: Preliminary data for 2003.

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



TABLE A2-5: CANADA-UNITED STATES TRANSBORDER TRADE, 2003 MAIN NORTH-SOUTH TRADE FLOWS

		(Billions of dollars)					
<i>Canada</i>	<i>U.S. Region<sup>1</sup></i>	<i>Exports from Canada</i>	<i>Imports to Canada</i>	<i>Total trade</i>	<i>Share in per cent</i>	<i>Main modes used (Per cent of total value)</i>	
Ontario	Central	91,662	77,097	168,758	31.8	Road (75%), Rail (22%)	
Ontario	South	27,784	37,948	65,732	12.4	Road (78%), Rail (14%)	
Ontario	North-East	26,929	22,744	49,673	9.4	Road (87%), Air (6%)	
Ontario	West	23,859	10,207	34,065	6.4	Road (48%), Rail (37%)	
Quebec	North-East	20,407	6,949	27,356	5.2	Road (80%), Rail (10%)	
Alberta	Central	22,514	2,379	24,893	4.7	Pipeline (78%), Rail (11%)	
British Columbia	West	11,585	7,108	18,692	3.5	Road (65%), Pipeline (13%)	
Quebec	South	13,968	3,985	17,953	3.4	Road (53%), Air (25%)	
Quebec	Central	12,196	3,215	15,411	2.9	Road (59%), Rail (21%)	
Alberta	West	11,544	3,062	14,605	2.8	Pipeline (51%), Road (26%)	
Manitoba and Saskatchewan	Central	6,675	6,817	13,491	2.5	Road (73%), Rail (18%)	
Atlantic provinces	North-East	10,857	1,025	11,882	2.2	Marine (45%), Road (37%)	
Alberta	North-East	9,985	616	10,601	2.0	Pipeline (72%), Road (9%)	
Alberta	South	6,939	3,183	10,122	1.9	Road (36%), Pipeline (32%)	
<b>Subtotal</b>		<b>296,901</b>	<b>186,334</b>	<b>483,235</b>	<b>91.0</b>		
Other		30,784	16,742	47,526	9.0		
<b>Total Canada-U.S. trade</b>		<b>327,685</b>	<b>203,076</b>	<b>530,760</b>	<b>100.0</b>	<b>Road (63%), Rail (17%)</b>	

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

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

US South region includes states from Atlantic to Gulf of Mexico.

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

Preliminary data for 2003.

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

TABLE A2-6: CANADA'S EXPORTS BY ORIGIN, DESTINATION AND MODE OF TRANSPORT, 2003

(Millions of dollars)				
<i>Total Exports<sup>1</sup> to:</i>	<i>Origin<sup>2</sup></i>		<i>Total 2003<sup>3</sup></i>	<i>Main modes used (Per cent of total value)</i>
	<i>Eastern prov.</i>	<i>Western prov.</i>		
United States	242,789	84,896	327,685	Road (53%), Rail (22%)
Other countries	30,173	22,801	52,974	Marine (66%), Air (27%)
Asia	7,964	12,600	20,564	Marine (80%), Air (17%)
West Europe	14,749	5,532	20,281	Marine (58%), Air (40%)
Latin America	3,247	2,343	5,590	Marine (49%), Road (30%)
Middle East	1,473	766	2,240	Marine (67%), Air (28%)
Oceania	1,347	536	1,882	Marine (50%), Air (25%)
Africa	546	726	1,272	Marine (67%), Air (19%)
Other	847	299	1,145	Marine (62%), Air (33%)
<b>Total</b>	<b>272,962</b>	<b>107,697</b>	<b>380,659</b>	

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 Province of origin for exports.

3 Preliminary data for 2003.

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

TABLE A2-7: CANADA'S IMPORTS BY ORIGIN, DESTINATION AND MODE OF TRANSPORT, 2003

(Millions of dollars)				
<i>Total Imports<sup>1</sup> from:</i>	<i>Destination<sup>2</sup></i>			<i>Main modes used (Per cent of total value)</i>
	<i>Eastern prov.</i>	<i>Western prov.</i>	<i>Total 2003<sup>3</sup></i>	
United States	170,189	32,887	203,076	Road (80%), Rail (10%)
Other countries	105,840	25,933	131,773	Marine (43%), Road (32%)
Asia	34,068	17,889	51,957	Marine (46%), Road (37%)
West Europe	40,246	4,238	44,484	Marine (46%), Air (29%)
Mexico	10,826	1,349	12,175	Road (70%), Rail (20%)
Other				
Latin America	6,120	727	6,847	Marine (48%), Road (35%)
Africa	4,185	61	4,246	Marine (68%), Road (9%)
Middle East	3,416	128	3,543	Marine (75%), Air (13%)
East Europe	2,100	153	2,253	Marine (69%), Air (15%)
Other	4,879	1,389	6,268	Road (44%), Air (28%)
<b>Total</b>	<b>276,029</b>	<b>58,820</b>	<b>334,848</b>	

1 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.

2 Province of clearance for imports as final destination is unknown.

3 Preliminary data for 2003.

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

**TABLE A2-8: CANADA'S EXPORTS BY MAIN COUNTRIES, 2002 – 2003**

<i>Destination</i>	(Millions of dollars)		<i>Growth rate (Per cent)</i>
	2002	2003 <sup>1</sup>	
<b>United States</b>	<b>345,366</b>	<b>327,685</b>	<b>(5.1)</b>
<b>Other countries</b>	<b>51,013</b>	<b>52,974</b>	<b>3.8</b>
Japan	8,366	8,088	(3.3)
United Kingdom	4,431	5,761	30.0
China, Pop. R.	4,130	4,661	12.9
Germany	2,955	2,840	(3.9)
Mexico	2,419	2,201	(9.0)
France	2,002	2,164	8.0
South Korea	2,017	1,911	(5.2)
Belgium	1,918	1,780	(7.2)
Italy	1,489	1,697	14.0
Netherlands	1,774	1,607	(9.4)
Other countries	19,512	20,263	3.9
<b>Total World</b>	<b>396,379</b>	<b>380,659</b>	<b>(4.0)</b>

Note: Total exports including domestic exports and re-exports.  
<sup>1</sup> Preliminary data for 2003

Source: *Transport Canada, adapted from Statistics Canada, International Trade database, February 2004*

**TABLE A2-9: CANADA'S IMPORTS BY MAIN COUNTRIES, 2002 – 2003**

<i>Origin</i>	(Millions of dollars)		<i>Growth rate (Per cent)</i>
	2002	2003 <sup>1</sup>	
<b>United States</b>	<b>218,329</b>	<b>203,076</b>	<b>(7.0)</b>
<b>Other countries</b>	<b>130,385</b>	<b>131,773</b>	<b>1.1</b>
China, Pop. R.	15,999	18,568	16.1
Japan	15,421	13,827	(10.3)
Mexico	12,734	12,175	(4.4)
United Kingdom	9,734	9,060	(6.9)
Germany	8,295	8,633	4.1
South Korea	4,865	5,107	5.0
France	5,855	4,962	(15.3)
Italy	4,439	4,608	3.8
Norway	3,933	4,314	9.7
Taiwan	4,242	3,765	(11.2)
Other countries	44,868	46,755	4.2
<b>Total World</b>	<b>348,714</b>	<b>334,848</b>	<b>(4.0)</b>

<sup>1</sup> Preliminary data for 2003.

Source: *Transport Canada, adapted from Statistics Canada, International Trade database, February 2004*

TABLE A2-10: TOURISM DEMAND IN CANADA, 1998 – 2002

	(Millions of dollars)					Percentage change		Per cent of totals 2002
	1998	1999	2000	2001	2002	2001/2000	2002/2001	
<b>Domestic</b>								
Transportation	12,899	13,414	15,663	14,908	15,122	(4.8)	1.4	44.5
Passenger air transport	8,082	8,297	9,783	8,933	8,775	(8.7)	(1.8)	25.8
Passenger rail transport	99	103	111	123	139	10.8	13.0	0.4
Interurban bus transport	318	309	324	352	359	8.6	2.0	1.1
Vehicle rental	712	721	764	827	881	8.2	6.5	2.6
Vehicle repairs and parts	671	711	752	791	846	5.2	7.0	2.5
Vehicle fuel	2,826	3,070	3,715	3,663	3,888	(1.4)	6.1	11.4
Other transportation	189	208	213	217	233	1.9	7.4	0.7
Accommodation	3,525	3,432	3,669	3,475	3,294	(5.3)	(5.2)	9.7
Food and beverage services	4,077	4,398	4,804	5,203	5,555	8.3	6.8	16.3
Other tourism commodities	4,943	5,237	5,622	5,809	5,901	3.3	1.6	17.4
Total tourism commodities	25,446	26,481	29,756	29,393	29,869	(1.2)	1.6	87.9
Total other commodities	3,711	3,806	3,992	3,989	4,119	(0.1)	3.3	12.1
Tourism expenditures	29,156	30,286	33,748	33,382	33,990	(1.1)	1.8	100.0
<b>Exports</b>								
Transportation	3,922	4,341	4,931	4,808	4,743	(2.5)	(1.4)	26.6
Passenger air transport	2,365	2,617	3,080	2,884	2,838	(6.4)	(1.6)	15.9
Passenger rail transport	106	112	119	124	124	4.2	0.0	0.7
Interurban bus transport	246	262	280	306	314	9.3	2.6	1.8
Vehicle rental	488	537	559	572	556	2.3	(2.8)	3.1
Vehicle repairs and parts	82	87	93	100	96	7.5	(4.0)	0.5
Vehicle fuel	423	491	547	542	529	(0.9)	(2.4)	3.0
Other transportation	214	236	255	279	286	9.4	2.5	1.6
Accommodation	3,830	4,122	4,425	4,374	4,311	(1.2)	(1.4)	24.2
Food and beverage services	2,739	2,856	2,952	3,042	2,961	3.0	(2.7)	16.6
Other tourism commodities	2,138	2,320	2,413	2,511	2,440	4.1	(2.8)	13.7
Total tourism commodities	12,628	13,639	14,724	14,734	14,454	0.1	(1.9)	81.2
Total other commodities	2,822	3,088	3,309	3,547	3,353	7.2	(5.5)	18.8
Tourism expenditures	15,450	16,726	18,033	18,280	17,805	1.4	(2.6)	100.0
<b>Total</b>								
Transportation	16,822	17,757	20,594	19,714	19,865	(4.3)	0.8	38.4
Passenger air transport	10,447	10,914	12,863	11,818	11,613	(8.1)	(1.7)	22.4
Passenger rail transport	205	214	230	247	264	7.4	6.9	0.5
Interurban bus transport	563	571	603	658	673	9.1	2.3	1.3
Vehicle rental	1,200	1,258	1,322	1,399	1,437	5.8	2.7	2.8
Vehicle repairs and parts	753	798	845	891	944	5.4	5.9	1.8
Vehicle fuel	3,250	3,561	4,262	4,206	4,417	(1.3)	5.0	8.5
Other transportation	403	444	468	496	518	6.0	4.4	1.0
Accommodation	7,356	7,555	8,093	7,848	7,605	(3.0)	(3.1)	14.7
Food and beverage services	6,816	7,254	7,756	8,246	8,515	6.3	3.3	16.4
Other tourism commodities	7,081	7,556	8,037	8,321	8,339	3.5	0.2	16.1
Total tourism commodities	38,073	40,121	44,480	44,128	44,324	(0.8)	0.4	85.6
Total other commodities	6,534	6,892	7,301	7,535	7,471	3.2	(0.8)	14.4
Tourism expenditures	44,606	47,014	51,781	51,662	51,795	(0.2)	0.3	100.0

Source: Statistics Canada, Cat. 13-009

**TABLE A2-11: CANADIAN TRAVEL ACCOUNT AND PASSENGER FARES, 1999 – 2003**

(Millions of dollars)

Travel Account	1999	2000	2001	2002	2003	Percentage change	
						2002/2001	2003/2002
<b>Receipts</b>							
Total	15,141	15,997	16,414	16,731	14,594	1.9	(12.8)
U.S.	9,365	9,449	9,947	10,310	9,046	3.6	(12.3)
Other	5,776	6,548	6,467	6,421	5,548	(0.7)	(13.6)
Business	2,897	2,920	2,651	2,749	2,364	3.7	(14.0)
U.S.	1,942	1,868	1,766	1,793	1,581	1.5	(11.8)
Other	955	1,052	885	956	783	8.0	(18.1)
Pleasure	12,245	13,077	13,763	13,982	12,230	1.6	(12.5)
U.S.	7,423	7,581	8,181	8,517	7,465	4.1	(12.4)
Other	4,822	5,496	5,582	5,465	4,765	(2.1)	(12.8)
<b>Payments</b>							
Total	17,092	18,444	18,542	18,585	18,893	0.2	1.7
U.S.	10,801	11,501	11,185	10,991	10,875	(1.7)	(1.1)
Other	6,291	6,943	7,357	7,594	8,018	3.2	5.6
Business	4,059	3,920	3,383	3,431	3,359	1.4	(2.1)
U.S.	2,660	2,552	2,243	2,237	2,166	(0.3)	(3.1)
Other	1,399	1,368	1,140	1,194	1,192	4.8	(0.2)
Pleasure	13,034	14,524	15,159	15,153	15,535	(0.0)	2.5
U.S.	8,141	8,949	8,942	8,754	8,708	(2.1)	(0.5)
Other	4,893	5,575	6,217	6,400	6,827	2.9	6.7
<b>Balance</b>							
Total	(1,951)	(2,447)	(2,128)	(1,854)	(4,300)		
U.S.	(1,436)	(2,052)	(1,238)	(681)	(1,829)		
Other	(515)	(395)	(890)	(1,173)	(2,474)		
Business	(1,162)	(1,000)	(732)	(682)	(994)		
U.S.	(718)	(683)	(478)	(444)	(585)		
Other	(444)	(317)	(254)	(238)	(409)		
Pleasure	(789)	(1,447)	(1,396)	(1,171)	(3,305)		
U.S.	(718)	(1,368)	(761)	(237)	(1,243)		
Other	(71)	(79)	(635)	(935)	(2,062)		
<b>Passenger Fares</b>							
<b>Receipts</b>							
Air (incl. water)	2,702	3,350	3,204	3,218	2,378	0.4	(26.1)
Air	2,657	3,301	3,145	3,161	2,351	0.6	(26.2)
Water	12	15	24	26	17	8.8	(35.1)
Land	34	33	36	31	21	(12.4)	(15.7)
Rail	6	7	7	6	5	(9.0)	(19.4)
<b>Payments</b>							
Air (incl. water)	3,716	3,986	4,131	3,981	4,190	(3.7)	5.2
Air	3,631	3,887	4,031	3,893	4,040	(3.4)	3.8
Water	72	96	116	127	120	9.8	(5.4)
Land	85	99	99	88	150	(11.4)	70.6
Rail	2	2	2	3	4	66.8	5.6
<b>Balance</b>							
Air (incl. water)	(1,014)	(636)	(927)	(763)	(1,812)		
Air	(963)	(571)	(863)	(707)	(1,688)		
Water	(904)	(490)	(771)	(605)	(1,585)		
Land	(60)	(81)	(92)	(101)	(103)		
Rail	(51)	(65)	(64)	(57)	(124)		
Land	(51)	(65)	(64)	(57)	(124)		
Rail	4	5	5	3	1		

Source: Statistics Canada, Cat. 13-009

TABLE A2-12: DOMESTIC TRAVEL IN CANADA, 1998 – 2002

(Thousands of persons-trips)

	1998	1999	2000	2001	2002	Percentage change 2002/2001	Per cent of totals 2002
Total travel	159,219	164,097	162,107	182,091	187,890	3.2	100.0
Interprovincial	20,126	21,086	20,518	21,693	23,344	7.6	12.4
Intraprovincial	139,093	143,011	141,589	160,398	164,546	2.6	87.6
Same day	75,259	78,235	78,669	95,028	92,676	(2.5)	100.0
Interprovincial	3,605	3,861	3,521	3,945	4,606	16.8	5.0
Intraprovincial	71,654	74,374	75,148	91,083	88,070	(3.3)	95.0
Overnight	83,960	85,862	83,438	87,063	95,214	9.4	100.0
Interprovincial	16,521	17,225	16,997	17,748	18,738	5.6	19.7
Intraprovincial	67,439	68,637	66,441	69,315	76,476	10.3	80.3
Metropolitan Areas	67,447	69,838	70,888	80,384	81,503	1.4	43.4
Non-metropolitan Areas	91,772	94,259	91,219	101,707	106,387	4.6	56.6
Province of Destination							
Canada	159,219	164,097	162,106	182,092	187,890	3.2	100.0
Newfoundland and Labrador	3,488	3,356	3,218	3,902	3,784	(3.0)	2.0
Prince Edward Island	902	889	1,019	966	1,125	16.5	0.6
Nova Scotia	6,191	6,806	7,019	7,019	8,287	18.1	4.4
New Brunswick	4,915	5,208	4,652	5,344	6,075	13.7	3.2
Quebec	35,835	37,541	37,592	40,608	45,928	13.1	24.4
Ontario	56,076	57,930	58,177	67,160	70,257	4.6	37.4
Manitoba	7,207	6,875	6,700	6,621	6,265	(5.4)	3.3
Saskatchewan	8,211	8,434	7,919	8,139	8,029	(1.4)	4.3
Alberta	20,193	20,296	19,338	21,256	19,186	(9.7)	10.2
British Columbia	16,019	16,676	16,332	20,984	18,842	(10.2)	10.0
Territories	183	88	141	92	113	22.8	0.1
Mode							
Total	158,474	163,475	161,295	181,182	187,038	3.2	100.0
Automobile	145,919	150,687	149,139	167,264	173,400	3.7	92.7
Airplane	7,101	6,990	6,643	7,761	6,807	(12.3)	3.6
Bus	3,862	4,303	4,012	4,476	4,763	6.4	2.5
Rail	972	944	979	1,078	1,479	37.2	0.8
Boat	620	551	522	603	589	(2.3)	0.3
Same day	74,853	77,978	78,215	94,476	92,271	(2.3)	100.0
Automobile	72,329	75,293	75,921	91,420	89,664	(1.9)	97.2
Airplane	775	642	558	798	515	(35.5)	0.6
Bus	1,488	1,792	1,514	1,900	1,717	(9.6)	1.9
Rail	138	165	134	217	240	10.6	0.3
Boat	123	86	88	141	135	(4.3)	0.1
Overnight	83,621	85,497	83,080	86,706	94,767	9.3	100.0
Automobile	73,590	75,394	73,218	75,844	83,736	10.4	88.4
Airplane	6,326	6,348	6,085	6,963	6,292	(9.6)	6.6
Bus	2,374	2,511	2,498	2,576	3,046	18.3	3.2
Rail	834	779	845	861	1,239	43.9	1.3
Boat	497	465	434	462	454	(1.7)	0.5
Purpose							
Total	159,210	164,043	162,041	181,930	187,756	3.2	100.0
Visiting friends and relatives	57,696	58,030	53,579	61,174	65,333	6.8	34.8
Pleasure	58,883	63,128	64,483	72,196	74,522	3.2	39.7
Personal	20,154	20,777	21,067	24,358	24,266	(0.4)	12.9
Business	20,126	19,533	19,844	20,898	20,747	(0.7)	11.0
Convention	2,351	2,575	3,068	3,304	2,888	(12.6)	1.5
Same day	75,258	78,199	78,639	94,930	92,602	(2.5)	100.0
Visiting friends and relatives	22,695	22,709	22,074	27,315	28,637	4.8	30.9
Pleasure	26,343	28,860	29,322	36,110	34,214	(5.3)	36.9
Personal	13,826	14,225	14,155	17,326	16,183	(6.6)	17.5
Business	11,885	11,827	12,227	13,168	12,800	(2.8)	13.8
Convention	509	578	861	1,011	768	(24.0)	0.8
Overnight	83,952	85,844	83,402	87,000	95,154	9.4	100.0
Visiting friends and relatives	35,001	35,321	31,505	33,859	36,696	8.4	38.6
Pleasure	32,540	34,268	35,161	36,086	40,308	11.7	42.4
Personal	6,328	6,552	6,912	7,032	8,083	15.0	8.5
Business	8,241	7,706	7,617	7,730	7,947	2.8	8.4
Convention	1,842	1,997	2,207	2,293	2,120	(7.5)	2.2

Note: Estimations for the reference years 1998 to 2000 are not comparable with the subsequent years.  
Source: Statistics Canada, CANSIM

**TABLE A2-13: DOMESTIC TRAVEL BY MODE OF TRANSPORT AND BY PURPOSE, 2002**

(Thousands of persons-trips)

	Total	Same-day	Overnight		
			Primary trip purpose		
			Total	Non-business	Business
Automobile	173,400	89,664	83,736	77,036	6,700
Airplane	6,807	515	6,292	3,561	2,731
Bus	4,763	1,717	3,046	2,792	254
Rail	1,479	240	1,239	938	301
Boat	589	135	454	416	38

Source: Statistics Canada unpublished data

**TABLE A2-14: INTERNATIONAL TRAVEL SUMMARY, 1999 – 2003**

(Thousands of travellers)

	1999	2000	2001	2002	2003	Percentage change		Per cent of totals	
						2002/2001	2002/2003	2002	2003
Canadians	46,448	47,182	43,201	39,239	39,225	(9.2)	0.0	100.0	100.0
to U.S.	42,196	42,666	38,368	34,559	34,151	(9.9)	(1.2)	88.1	87.1
Same day	28,092	28,000	24,855	21,535	21,487	(13.4)	(0.2)	54.9	54.8
Auto	27,107	27,105	24,048	20,853	20,864	(13.3)	0.0	53.1	53.2
Plane	162	103	108	57	51	(47.8)	(9.1)	0.1	0.1
Bus	700	678	589	535	484	(9.0)	(9.5)	1.4	1.2
Boat	10	8	9	7	7	(22.6)	2.0	0.0	0.0
Foot	102	89	86	71	69	(17.4)	(3.6)	0.2	0.2
Other	12	16	14	11	12	(25.1)	10.2	0.0	0.0
Overnight	14,105	14,667	13,514	13,024	12,664	(3.6)	(2.8)	33.2	32.3
Auto	7,869	7,967	7,593	7,691	7,495	1.3	(2.6)	19.6	19.1
Plane	4,950	5,372	4,642	4,181	4,175	(9.9)	(0.1)	10.7	10.6
Train	35	42	42	36	28	(13.4)	(23.0)	0.1	0.1
Bus	694	728	629	548	457	(12.8)	(16.7)	1.4	1.2
Boat	112	121	136	142	135	4.1	(5.1)	0.4	0.3
Foot	353	342	371	336	283	(9.5)	(15.6)	0.9	0.7
Other	91	95	100	90	91	(10.1)	1.3	0.2	0.2
to Other countries	4,252	4,516	4,832	4,680	5,074	(3.1)	8.4	11.9	12.9
Air	4,244	4,507	4,825	4,670	5,065	(3.2)	8.4	11.9	12.9
via U.S.	624	709	690	666	682	(3.5)	2.4	1.7	1.7
Boat	7	8	7	10	9	40.7	(9.0)	0.0	0.0
U.S. Residents	44,630	43,994	42,871	40,878	35,509	(4.6)	(13.1)	100.0	100.0
Same day	29,450	28,805	27,301	24,711	21,343	(9.5)	(13.6)	60.5	60.1
Auto	27,318	26,646	25,313	22,817	19,630	(9.9)	(14.0)	55.8	55.3
Plane	525	533	446	434	377	(2.6)	(13.3)	1.1	1.1
Train	15	14	14	13	12	(6.1)	(2.2)	0.0	0.0
Bus	997	1,073	976	922	817	(5.6)	(11.4)	2.3	2.3
Boat	464	419	429	437	423	1.9	(3.3)	1.1	1.2
Foot	121	112	115	81	76	(29.7)	(5.9)	0.2	0.2
Other	10	8	9	8	9	(10.2)	13.8	0.0	0.0
Overnight	15,180	15,189	15,570	16,167	14,166	3.8	(12.4)	39.5	39.9
Auto	9,609	9,457	9,889	10,607	9,120	7.3	(14.0)	25.9	25.7
Plane	3,760	3,835	3,782	3,790	3,536	0.2	(6.7)	9.3	10.0
Train	100	108	117	108	102	(8.1)	(5.8)	0.3	0.3
Bus	810	798	708	661	476	(6.8)	(27.9)	1.6	1.3
Boat	287	403	439	449	451	2.2	0.4	1.1	1.3
Foot	558	534	573	495	427	(13.8)	(3.6)	1.2	1.2
Other	55	53	60	59	55	(3.0)	(6.2)	0.1	0.2
Non-U.S. Residents	4,425	4,644	4,275	4,018	3,393	(6.0)	(15.6)	10.2	8.7
Land	763	764	619	533	404	(13.8)	(24.1)	1.4	1.0
Same day	194	205	166	128	91	(22.8)	(28.9)	0.3	0.2
Overnight	568	559	453	405	313	(10.6)	(22.6)	1.0	0.8
Plane	3,591	3,799	3,566	3,403	2,907	(4.6)	(14.6)	8.7	7.4
via U.S.	992	930	858	830	679	(3.3)	(18.2)	2.1	1.7
Boat	72	81	91	82	82	(9.9)	(0.1)	0.2	0.2
via U.S.	65	73	83	70	75	(16.0)	7.3	0.2	0.2
<b>Total International Travellers</b>	<b>95,504</b>	<b>95,820</b>	<b>90,347</b>	<b>84,135</b>	<b>78,127</b>	<b>(6.9)</b>	<b>(7.1)</b>		

Source: Statistics Canada Cansim Table No. 427-0001

TABLE A2-15: VISITORS TO CANADA FROM COUNTRIES OTHER THAN THE UNITED STATES, 1999 – 2003

	(Thousands of visitors)					Percentage change		Per cent of totals 2003
	1999	2000	2001	2002	2003	2002/2001	2003/2002	
<b>Europe</b>								
Belgium	51.7	53.3	47.1	41.3	37.8	(12.4)	(8.4)	1.1
Denmark	26.5	29.4	27.4	22.2	23.1	(18.9)	4.0	0.7
France	428.0	417.2	368.6	320.7	280.9	(13.0)	(12.4)	8.3
Germany	425.6	416.9	360.0	311.7	271.6	(13.4)	(12.9)	8.0
Italy	129.2	125.6	101.4	104.8	62.2	3.4	(40.7)	1.8
Netherlands	124.3	132.5	118.3	110.8	106.2	(6.3)	(4.1)	3.1
Sweden	36.5	38.0	33.6	29.4	26.4	(12.6)	(10.2)	0.8
Switzerland	103.6	106.9	98.8	90.7	83.6	(8.2)	(7.8)	2.5
United Kingdom	824.1	913.8	876.8	769.0	723.2	(12.3)	(6.0)	21.3
Ireland	31.2	32.0	34.4	31.1	31.1	(9.6)	(0.1)	0.9
Other Europe	275.2	274.7	257.5	253.6	213.9	(1.5)	(15.7)	6.3
<b>Total</b>	<b>2,456.0</b>	<b>2,540.2</b>	<b>2,323.8</b>	<b>2,085.2</b>	<b>1,859.9</b>	<b>(10.3)</b>	<b>(10.8)</b>	<b>54.8</b>
<b>Africa</b>								
South Africa	22.3	23.8	21.4	18.6	17.2	(13.1)	(7.8)	0.5
Other Africa	44.9	50.2	49.0	43.7	43.3	(10.9)	(0.7)	1.3
<b>Total</b>	<b>67.2</b>	<b>74.0</b>	<b>70.4</b>	<b>62.3</b>	<b>60.5</b>	<b>(11.6)</b>	<b>(2.8)</b>	<b>1.8</b>
<b>Asia</b>								
China	62.7	77.3	86.4	99.3	77.5	14.9	(21.9)	2.3
Hong Kong	142.9	145.1	130.1	122.8	94.0	(5.6)	(23.5)	2.8
India	52.2	55.2	58.2	58.7	59.5	0.9	1.3	1.8
Israel	68.3	81.6	83.0	77.3	59.9	(6.9)	(22.5)	1.8
Japan	550.4	540.1	449.0	452.5	273.9	0.8	(39.5)	8.1
South Korea	108.6	149.0	157.1	165.1	148.6	5.1	(10.0)	4.4
Taiwan	160.6	166.2	119.8	106.6	69.3	(11.0)	(35.0)	2.0
Other Asia	152.5	171.4	179.3	175.3	140.2	(2.3)	(20.0)	4.1
<b>Total</b>	<b>1,298.2</b>	<b>1,385.9</b>	<b>1,262.9</b>	<b>1,257.6</b>	<b>922.8</b>	<b>(0.4)</b>	<b>(26.6)</b>	<b>27.2</b>
<b>North America, Central America and Caribbean</b>								
Mexico	132.9	146.9	154.7	165.1	144.1	6.7	(12.7)	4.2
Other North America	15.6	13.6	13.3	14.1	14.5	6.0	2.7	0.4
Central America	15.4	15.3	16.6	19.0	14.5	14.5	(23.8)	0.4
Bermuda and Caribbean	116.2	122.2	118.8	120.3	110.0	1.3	(8.6)	3.2
<b>Total</b>	<b>280.0</b>	<b>298.1</b>	<b>303.4</b>	<b>318.4</b>	<b>283.0</b>	<b>5.0</b>	<b>(11.1)</b>	<b>8.3</b>
South America	117.9	125.1	107.0	97.0	78.0	(9.4)	(19.6)	2.3
<b>Oceania and other Ocean Islands</b>								
Australia	161.1	179.5	171.9	162.8	156.6	(5.3)	(3.8)	4.6
New Zealand	41.5	37.5	33.2	32.3	30.3	(2.6)	(6.3)	0.9
Other Oceania	3.4	3.3	2.6	2.5	2.1	(4.7)	(16.3)	0.1
<b>Total</b>	<b>206.0</b>	<b>220.4</b>	<b>207.8</b>	<b>197.6</b>	<b>189.0</b>	<b>(4.9)</b>	<b>(4.4)</b>	<b>5.6</b>
<b>Total Other Than U.S.</b>	<b>4,425.3</b>	<b>4,643.7</b>	<b>4,275.4</b>	<b>4,018.1</b>	<b>3,393.2</b>	<b>(6.0)</b>	<b>(15.6)</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey

**TABLE A2-16: OVERNIGHT VISITS TO THE UNITED STATES BY CANADIANS BY SELECTED STATES, 2001 AND 2002**

Selected states	(Thousands of visits)		Percentage change	Per cent of total
	2001	2002	2002/2001	2002
New York	2,200	2,183	(0.8)	12.1
Florida	1,887	1,603	(15.1)	8.9
Washington	1,538	1,553	0.9	8.6
Michigan	1,133	1,193	5.3	6.6
California	910	874	(4.0)	4.8
Nevada	658	626	(5.0)	3.5
Vermont	577	623	8.0	3.5
Maine	644	591	(8.2)	3.3
Pennsylvania	573	583	1.8	3.2
Minnesota	496	485	(2.4)	2.7
Ohio	477	447	(6.4)	2.5
Massachusetts	477	414	(13.1)	2.3
Virginia	425	407	(4.1)	2.3
Montana	383	382	(0.2)	2.1
Georgia	365	357	(2.1)	2.0
Illinois	356	349	(1.8)	1.9
South Carolina	356	341	(4.4)	1.9
North Carolina	377	330	(12.3)	1.8
North Dakota	264	290	9.9	1.6
Tennessee	299	285	(4.6)	1.6
Other States	4,394	4,106	(6.6)	22.8
<b>Total</b>	<b>18,787</b>	<b>18,020</b>	<b>(4.1)</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-17: SAME-DAY VISITS TO THE UNITED STATES BY CANADIANS FOR SELECTED STATES, 2001 AND 2002**

Selected states	(Thousands of visits)		Percentage change	Per cent of total
	2001	2002	2002/2001	2002
Michigan	7,898	7,085	(10.3)	22.2
New York	7,407	6,278	(15.2)	19.6
Washington	4,643	3,675	(20.8)	11.5
Maine	4,162	3,667	(11.9)	11.5
Minnesota	1,414	1,829	29.4	5.7
Vermont	1,972	1,775	(10.0)	5.5
Pennsylvania	713	715	0.4	2.2
North Dakota	624	591	(5.3)	1.8
Idaho	573	460	(19.8)	1.4
New Hampshire	501	442	(11.9)	1.4
Georgia	446	437	(2.0)	1.4
Maryland	366	382	4.6	1.2
North Carolina	400	382	(4.5)	1.2
Ohio	397	364	(8.3)	1.1
Illinois	377	352	(6.5)	1.1
Virginia	366	347	(5.2)	1.1
Indiana	330	297	(10.0)	0.9
South Carolina	299	286	(4.4)	0.9
Montana	269	264	(2.0)	0.8
West Virginia	251	250	(0.6)	0.8
Massachusetts	201	191	(4.9)	0.6
Other States	2,066	1,907	(7.7)	6.0
<b>Total</b>	<b>35,676</b>	<b>31,975</b>	<b>(10.4)</b>	<b>100.0</b>

Note: Includes same-day auto.  
Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-18: OVERSEAS TRAVEL BY CANADIANS BY SELECTED COUNTRIES OTHER THAN THE UNITED STATES, OVERNIGHT TRIPS, 2001 AND 2002**

	(Thousands of visits)		Percentage change	Per cent of total
	2001	2002	2002/2001	2002
<b>Europe</b>				
United Kingdom	673	720	7.1	12.1
France	481	506	5.1	8.5
Germany	251	255	1.7	4.3
Italy	231	246	6.5	4.1
Netherlands	146	164	12.0	2.8
Spain	162	146	(10.3)	2.5
Switzerland	142	121	(14.8)	2.0
Austria	96	94	(2.4)	1.6
Belgium	63	89	40.7	1.5
Portugal	90	84	(7.0)	1.4
Republic of Ireland	118	78	(34.0)	1.3
Greece	77	75	(3.6)	1.3
Hungary	40	44	9.5	0.7
Czech Republic	51	30	(41.2)	0.5
Denmark	35	28	(22.0)	0.5
Poland	26	27	1.9	0.5
Other Europe	220	223	1.5	3.8
<b>Total</b>	<b>2,902</b>	<b>2,927</b>	<b>0.8</b>	<b>49.3</b>
<b>Africa</b>	142	131	(7.9)	2.2
<b>Asia</b>				
Hong Kong	97	130	34.0	2.2
Japan	120	122	1.7	2.1
Mainland China	92	107	16.3	1.8
Other	379	511	34.8	8.6
<b>Total</b>	<b>870</b>	<b>868</b>	<b>(0.2)</b>	<b>14.6</b>
<b>Central America</b>	71	85	20.6	1.4
<b>Bermuda and Caribbean</b>	1,034	992	(4.1)	16.7
<b>South America</b>	182	146	(20.0)	2.5
<b>North America</b>				
Mexico	689	607	(11.8)	10.2
Other	8	9	10.7	0.2
<b>Total</b>	<b>697</b>	<b>617</b>	<b>(11.5)</b>	<b>10.4</b>
<b>Oceania</b>				
Australia and New Zealand	149	155	3.7	2.6
Other	11	15	33.9	0.3
<b>Total</b>	<b>161</b>	<b>170</b>	<b>5.8</b>	<b>2.9</b>
<b>Grand Total</b>	<b>6,059</b>	<b>5,935</b>	<b>(2.1)</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey unpublished data



**TABLE A2-19: CANADA-UNITED STATES TRAVEL BY PURPOSE OF TRAVEL, 2001 AND 2002**

(Per cent of trips)

	Canadians		U.S. Residents	
	2001	2002	2001	2002
Business	15.3	15.6	12.3	12.1
Visiting friends and relatives	20.5	22.7	19.3	18.8
Pleasure	55.3	52.6	58.9	59.9
Other	8.9	9.2	9.4	9.2

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-20: OVERSEAS TRAVEL BY PURPOSE OF TRAVEL, 2001 AND 2002**

(Per cent of trips)

	Canadians		Non-U.S. Residents	
	2001	2002	2001	2002
Business	12.0	12.3	14.9	15.9
Visiting friends and relatives	17.6	19.3	26.4	28.1
Pleasure	64.1	61.5	51.6	47.8
Other	6.4	6.9	7.1	8.2

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-21: EMPLOYMENT IN THE TRANSPORT SECTOR, 1997 - 2003**

(Thousands of employees)

	1997	1998	1999	2000	2001	2002	2003 <sup>1</sup>
<b>Transport Services / Infrastructure</b>							
Air <sup>A</sup>	69.3	79.8	84.1	86.0	82.1	76.6	79.6
Marine <sup>B</sup>	22.8	22.0	23.2	24.4	26.8	27.7	27.7
Rail <sup>C</sup>	46.5	45.1	43.2	40.9	39.5	37.3	37.3
Truck <sup>D</sup>	306.4	308.1	310.5	313.3	317.3 <sup>1</sup>	322.1 <sup>1</sup>	N/A
Bus/Urban Transit <sup>E</sup>	61.0	62.9	64.1	66.0	86.5	87.0 <sup>1</sup>	N/A
Taxi <sup>F</sup>	12.9	12.4	11.9	13.5	14.4	15.3	14.9
Highway <sup>G</sup>	69.4	69.7	70.2	71.9	71.1	74.0	76.3
Other <sup>H</sup>	67.8	67.7	71.3	73.4	58.2	59.1	N/A
<b>Total</b>	<b>656.1</b>	<b>667.7</b>	<b>678.5</b>	<b>689.3</b>	<b>696.1</b>	<b>699.0</b>	<b>N/A</b>
<b>Government Services<sup>I</sup></b>	<b>28.9</b>	<b>28.5</b>	<b>28.4</b>	<b>28.1</b>	<b>27.9</b>	<b>28.1</b>	<b>28.4</b>
<b>Associated Services</b>							
Air <sup>J</sup>	33.5	39.4	40.1	41.5	42.7	43.1	43.1
Marine <sup>K</sup>	5.7	5.4	5.4	5.4	5.3	5.4	5.3
Other <sup>L</sup>	53.1	54.6	56.2	57.8	60.9	60.9	60.9
<b>Total</b>	<b>92.3</b>	<b>99.4</b>	<b>101.7</b>	<b>104.7</b>	<b>108.9</b>	<b>109.5</b>	<b>109.4</b>
<b>Grand Total<sup>F</sup></b>	<b>777.3</b>	<b>795.6</b>	<b>808.6</b>	<b>822.1</b>	<b>832.9</b>	<b>836.6</b>	<b>N/A</b>

Note: Due to confidential data that has only been included in Totals or the Grand Total, the individual sections do not necessarily add to the sums shown in the table.  
N/A: not available

- 1 Transport Canada estimates
- 2 Excludes part-time employees

Sources:

- A 2003 based on ten months of averaged annual data. Statistics Canada Survey of Employment, Payrolls and Hours (SEPH) (Based on North American Industrial Classification System (NAICS), Cat. 72F0023XIB; Canadian Airport Authorities; Local Airport Authorities; Transport Canada.
- B Statistics Canada, SEPH, 2003 estimated, based on 12 months of 2002 averaged annual data.
- C Transport Canada estimates based on Statistics Canada, Rail in Canada, Cat. 52-216.
- D Statistics Canada, Trucking in Canada, Cat. 53-222-XPB, SEPH, Transport Canada for some years.
- E Statistics Canada, Passenger Bus and Urban Transit Statistics, Cat. 53-215, Transport Canada.
- F Statistics Canada, SEPH, 2003 based on 10 months of averaged annual data.
- G Transport Canada estimates based on 1996 Census data.
- H Public Transit residual, Other Transportation residual, Pipeline Transportation, SEPH
- I Government Estimates, Transport Canada estimates for provincial and territorial employment
- J Statistics Canada, SEPH - Travel Arrangement and Reservation Services; Year 2003 based on 10 months of averaged annual data.
- K Pilotage Authorities, British Columbia Maritime Employers Association, Maritime Employers Association.
- L Insurance Bureau of Canada, Census

**TABLE A2-22: EMPLOYMENT IN THE RAIL INDUSTRY, 1997 - 2002**

	Total Rail <sup>1</sup>	Class I	Class II <sup>2</sup>
<b>1997</b>			
General	7,740	7,014	726
Transportation	17,688	15,684	2,004
Equipment maintenance	10,478	9,352	1,126
Road maintenance	10,566	9,064	1,502
<b>Total</b>	<b>46,472</b>	<b>41,114</b>	<b>5,358</b>
<b>1998</b>			
General	7,839	7,123	716
Transportation	16,826	14,708	2,118
Equipment maintenance	9,884	8,774	1,076
Road maintenance	10,566	9,010	1,556
<b>Total</b>	<b>45,115</b>	<b>39,615</b>	<b>5,500</b>
<b>1999</b>			
General	8,012	7,286	726
Transportation	15,830	13,728	2,102
Equipment maintenance	9,606	8,485	1,121
Road maintenance	9,798	8,260	1,538
<b>Total</b>	<b>43,246</b>	<b>37,759</b>	<b>5,487</b>
<b>2000</b>			
General	7,325	6,650	675
Transportation	15,597	13,466	2,131
Equipment maintenance	8,663	7,564	1,099
Road maintenance	9,341	7,742	1,599
<b>Total</b>	<b>40,926</b>	<b>35,422</b>	<b>5,504</b>
<b>2001</b>			
General	7,092	6,389	703
Transportation	15,769	13,624	2,145
Equipment maintenance	7,448	6,381	1,067
Road maintenance	9,222	7,622	1,600
<b>Total</b>	<b>39,531</b>	<b>34,016</b>	<b>5,515</b>
<b>2002</b>			
General	6,510	5,797	713
Transportation	15,583	13,478	2,105
Equipment Maintenance	6,486	5,488	998
Road Maintenance	8,699	7,243	1,456
<b>Total</b>	<b>37,278</b>	<b>32,006</b>	<b>5,272</b>

1 "Total Rail" employment is limited to carrier personnel (does not include incidental rail services).

2 Some data estimated for some Class II rail carriers.

Source: Transport Canada

**TABLE A2-23: AVERAGE ANNUAL COMPENSATION IN THE RAIL INDUSTRY, 1997 – 2002**

(Current dollars)

	<i>Total Rail<sup>1</sup></i>	<i>Class I</i>	<i>Class II</i>
<b>1997</b>			
General	57,875	59,298	44,122
Transportation	60,009	61,285	50,016
Equipment maintenance	46,075	45,655	49,564
Road maintenance	48,222	49,525	40,361
<b>Total</b>	<b>53,832</b>	<b>54,798</b>	<b>46,420</b>
<b>1998</b>			
General	59,913	61,345	45,665
Transportation	62,750	64,275	52,158
Equipment maintenance	46,051	45,470	50,648
Road maintenance	49,480	50,565	43,199
<b>Total</b>	<b>55,490</b>	<b>56,465</b>	<b>48,470</b>
<b>1999</b>			
General	60,899	62,445	45,379
Transportation	66,690	68,636	53,980
Equipment maintenance	46,829	46,580	48,713
Road maintenance	50,625	52,186	42,243
<b>Total</b>	<b>57,566</b>	<b>58,887</b>	<b>48,476</b>
<b>2000</b>			
General	65,192	66,750	49,841
Transportation	67,258	69,010	56,182
Equipment maintenance	48,150	47,763	50,811
Road maintenance	52,341	53,800	45,277
<b>Total</b>	<b>59,439</b>	<b>60,724</b>	<b>51,164</b>
<b>2001</b>			
General	65,066	66,318	53,692
Transportation	69,414	70,945	59,690
Equipment maintenance	51,557	51,572	51,464
Road maintenance	52,888	54,334	45,999
<b>Total</b>	<b>61,414</b>	<b>62,720</b>	<b>53,362</b>
<b>2002</b>			
General	68,225	70,180	52,335
Transportation	69,037	70,443	60,038
Equipment maintenance	54,116	54,007	54,719
Road maintenance	55,833	57,124	49,415
<b>Total</b>	<b>63,219</b>	<b>64,563</b>	<b>55,058</b>

<sup>1</sup> "Total Rail" employment limited to carrier personnel.

Source: Transport Canada

TABLE A2-24: TOTAL EMPLOYMENT IN THE TRUCKING INDUSTRY BY REGION, 1997 – 2002

		Canada	Atlantic Region <sup>6</sup>	Quebec	Ontario	Prairie Provinces <sup>7</sup>	British Columbia <sup>8</sup>
<b>Employment by Medium and Large For-Hire Firms<sup>1</sup></b>							
1997	Company drivers	51,256	3,100	10,519	20,779	12,520	4,338
	Other company employees	40,397	3,467	6,858	17,209	9,728	3,135
	<b>Total</b>	<b>91,653</b>	<b>6,567</b>	<b>17,377</b>	<b>37,988</b>	<b>22,248</b>	<b>7,473</b>
1998	Company drivers	52,739	3,132	11,989	20,793	12,854	3,971
	Other company employees	39,685	3,907	7,295	16,626	9,120	2,737
	<b>Total</b>	<b>92,424</b>	<b>7,039</b>	<b>19,284</b>	<b>37,419</b>	<b>21,974</b>	<b>6,708</b>
1999	Company drivers	56,037	3,399	12,629	21,741	13,311	4,957
	Other company employees	46,600	3,954	7,492	19,445	12,418	3,291
	<b>Total</b>	<b>102,637</b>	<b>7,353</b>	<b>20,121</b>	<b>41,186</b>	<b>25,729</b>	<b>8,248</b>
2000	Company drivers	62,582	3,106	13,732	26,892	14,177	4,675
	Other company employees	45,656	4,126	7,634	20,388	10,227	3,281
	<b>Total</b>	<b>108,238</b>	<b>7,232</b>	<b>21,366</b>	<b>47,280</b>	<b>24,404</b>	<b>7,956</b>
2001	Company drivers	66,528	3,821	14,275	29,374	14,083	4,975
	Other company employees	45,191	4,081	7,511	20,763	9,524	3,312
	<b>Total</b>	<b>111,719</b>	<b>7,902</b>	<b>21,786</b>	<b>50,137</b>	<b>23,607</b>	<b>8,287</b>
2002	Company drivers	69,066	3,908	15,644	28,495	16,307	4,712
	Other company employees	46,966	4,252	8,775	20,162	10,520	3,257
	<b>Total</b>	<b>116,032</b>	<b>8,160</b>	<b>24,419</b>	<b>48,657</b>	<b>26,827</b>	<b>7,969</b>
<b>Employment by Small For-Hire Firms<sup>2</sup></b>							
1997	Company drivers	18,449	1,320	5,491	3,550	5,287	2,801
	Other company employees	7,175	591	1,574	1,715	2,128	1,167
	<b>Total</b>	<b>25,624</b>	<b>1,911</b>	<b>7,065</b>	<b>5,265</b>	<b>7,415</b>	<b>3,968</b>
1998	Company drivers	21,210	1,680	5,702	3,454	5,785	4,589
	Other company employees	6,483	642	1,690	1,260	1,983	908
	<b>Total</b>	<b>27,693</b>	<b>2,322</b>	<b>7,392</b>	<b>4,714</b>	<b>7,768</b>	<b>5,497</b>
1999	Company drivers	16,964	1,183	4,509	4,896	4,161	2,215
	Other company employees	5,598	279	1,377	1,660	1,439	843
	<b>Total</b>	<b>22,562</b>	<b>1,462</b>	<b>5,886</b>	<b>6,556</b>	<b>5,600</b>	<b>3,058</b>
2000	Company drivers	16,780	1,162	4,507	2,755	5,022	3,334
	Other company employees	6,206	326	1,913	1,273	1,455	1,239
	<b>Total</b>	<b>22,986</b>	<b>1,488</b>	<b>6,420</b>	<b>4,028</b>	<b>6,477</b>	<b>4,573</b>
2001 <sup>5</sup>	Company drivers	N/A	N/A	N/A	N/A	N/A	N/A
	Other company employees	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Total</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
2002 <sup>5</sup>	Company drivers	N/A	N/A	N/A	N/A	N/A	N/A
	Other company employees	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Total</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Employment by Private Carriers<sup>3</sup></b>							
1997/1998 <sup>4</sup>	Company drivers	12,380	566	3,304	5,261	1,790	1,459
	Other company employees	5,212	154	1,596	2,326	469	667
	<b>Total</b>	<b>17,592</b>	<b>720</b>	<b>4,900</b>	<b>7,587</b>	<b>2,259</b>	<b>2,126</b>
<b>Employment by Owner Operators<sup>2</sup></b>							
1997	Drivers and other employees	64,242	5,692	12,566	18,556	17,985	9,443
1998	Drivers and other employees	63,304	5,484	10,357	21,396	17,259	8,808
1999	Drivers and other employees	60,488	5,597	12,203	17,739	16,665	8,284
2000	Drivers and other employees	58,990	5,768	11,835	20,453	14,688	6,246
2001 <sup>5</sup>	Drivers and other employees	N/A	N/A	N/A	N/A	N/A	N/A
2002 <sup>5</sup>	Drivers and other employees	N/A	N/A	N/A	N/A	N/A	N/A
<b>Delivery Drivers<sup>4</sup></b>							
1997 <sup>e</sup>	Drivers	97,898	N/A	N/A	N/A	N/A	N/A
1998 <sup>e</sup>	Drivers	98,398	N/A	N/A	N/A	N/A	N/A
1999 <sup>e</sup>	Drivers	98,901	N/A	N/A	N/A	N/A	N/A
2000 <sup>e</sup>	Drivers	99,407	N/A	N/A	N/A	N/A	N/A
2001	Drivers	99,915	5,195	28,880	38,005	14,290	13,535
2002 <sup>e</sup>	Drivers	100,405	N/A	N/A	N/A	N/A	N/A

e = Estimate N/A = Not Available Full-time employees;

Other Employees: maintenance and garage, terminal and other employees.

1 Includes Canadian-domiciled for-hire carriers with annual revenues of \$1 million or more.

2 Includes Canadian-domiciled carriers with annual revenues of \$30,000 or more.

3 Statistics Canada's Private Trucking Survey suspended in 1999 until further notice.

4 Based on Census data; estimated values for 1997, 1998, 1999, 2000, 2002.

5 Data not available for 2001 and 2002 due to major revisions under Statistics Canada's annual Small For-Hire Trucking Survey.

6 Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick.

7 Manitoba, Saskatchewan, Alberta.

8 British Columbia includes employment figures for the Territories (the Yukon, Northwest Territories and Nunavut).

Source: Statistics Canada, *Trucking in Canada, Cat. 53-222; Service bulletin, Cat. 50-002, and special tabulations.*

**TABLE A2-25: AVERAGE WEEKLY EARNINGS IN THE TRUCKING INDUSTRY, 1997 – 2003**  
(Current dollars)

	1997	1998	1999	2000	2001	2002	2003 <sup>1</sup>
<b>Eastern Canada</b>							
Newfoundland and Labrador	590	554	588	639	655	682	642
Prince Edward Island	572	508	513	533	550	580	609
Nova Scotia	522	539	558	584	598	624	632
New Brunswick	626	576	551	540	496	528	575
Quebec	531	569	578	581	584	604	626
Ontario	712	751	728	751	781	800	805
<b>Western Canada</b>							
Manitoba	609	644	655	682	702	736	731
Saskatchewan	609	643	619	621	639	664	663
Alberta	639	667	703	705	707	735	734
British Columbia	681	755	739	752	767	789	782
Yukon	739	663	635	616	638	N/A	651
<b>Canada</b>	<b>632</b>	<b>669</b>	<b>668</b>	<b>680</b>	<b>693</b>	<b>716</b>	<b>724</b>

Note: Industries classified in accordance with the new North American Industrial Classification System (NAICS).  
Tabulations are based upon CANSIM data to November 2003 (preliminary).  
N/A = Not available  
1 Average based on 10-month weighted annual data.

Source: Statistics Canada, Survey of Employment, Payrolls and Hours, Cat. 72-002; CANSIM

**TABLE A2-26: EMPLOYMENT IN TAXI AND LIMOUSINE SERVICES BY PROVINCE, 1997 – 2003**

	1997	1998	1999	2000	2001	2002	2003 <sup>2</sup>
New Brunswick	221	221	261	229	226	N/A	N/A
Quebec	2,205	2,288	2,199	2,561	2,757	2,978	2,923
Ontario	4,276	4,091	3,789	4,303	4,632	4,643	4,483
Manitoba	514	499	560	689	1,032	N/A	N/A
British Columbia	3,477	3,485	3,393	3,683	3,924	4,191	4,197
Nunavut <sup>1</sup>			36	37	42	N/A	N/A
Other Provinces/ Territories <sup>3</sup>	2,232	1,842	1,667	1,966	1,822	3,462	3,250
<b>Canada</b>	<b>12,925</b>	<b>12,426</b>	<b>11,905</b>	<b>13,468</b>	<b>14,435</b>	<b>15,274</b>	<b>14,853</b>

N/A = Not available.  
Note: Data in this table concerning taxi and limousine services is derived from Statistics Canada's Survey of Employment, Payrolls and Hours. As such, taxi and limousine services is a particular class of industry, as opposed to an occupational group, amongst other industries classified in accordance with the North American Industrial Classification System (NAICS).  
1 Nunavut taxi employment for 1999 is based on 9 months of data.  
2 Figures for 2003 are based on annualized 10 months weighted data.  
3 Newfoundland and Labrador, Prince Edward Island, Nova Scotia, Saskatchewan, Alberta and the Yukon (and New Brunswick, Manitoba and Nunavut for 2002 and 2003).

Source: Statistics Canada, Survey of Employment, Payrolls and Hours, Cat. 72-002; CANSIM and special tabulations

**TABLE A2-28: URBAN TRANSIT EMPLOYMENT BY REGION, 1997 – 2002**

	Atlantic Region <sup>1</sup>	Quebec	Ontario	Prairie Provinces <sup>2</sup>	British Columbia <sup>3</sup>	Canada
1997	733	10,296	15,949	4,990	4,510	36,478
1998	685	10,177	15,647	4,675	4,683	35,867
1999	693	10,284	15,737	5,300	5,150	37,164
2000	681	10,379	16,025	5,283	5,407	37,775
2001	722	10,549	17,220	5,466	5,506	39,463
2002	739	10,626	17,377	5,521	5,612	39,875

Note: Employment tabulations include full-time employees.  
1 Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick.  
2 Manitoba, Saskatchewan, Alberta.  
3 British Columbia includes employment figures for the territories.

Source: Statistics Canada, Passenger Bus and Urban Transit, Catalogue 53-215: 1995-1999: Special Tabulations based on Canadian Urban Transit Association (CUTA): 2000-2002.

**TABLE A2-27: FULL-TIME EMPLOYEES IN THE BUS INDUSTRY, 1997 - 2002**

	1997	1998	1999	2000	2001 <sup>3</sup>	2002
<b>Intercity Operators<sup>1</sup></b>						
Drivers	1,446	690	745	731	2,822	N/A
Mechanics	145	60	47	47	316	N/A
Other	1,369	456	401	421	1,744	N/A
<b>Total</b>	<b>2,960</b>	<b>1,206</b>	<b>1,193</b>	<b>1,199</b>	<b>4,882</b>	<b>N/A</b>
<b>School Bus Operators<sup>1</sup></b>						
Drivers	16,370	18,879	18,240	19,250	30,722	N/A
Mechanics	861	990	991	1,050	1,690	N/A
Other	1,478	2,323	2,473	2,652	3,647	N/A
<b>Total</b>	<b>18,709</b>	<b>22,192</b>	<b>21,704</b>	<b>22,952</b>	<b>36,059</b>	<b>N/A</b>
<b>Charter Operators</b>						
Drivers	1,782	2,290	2,523	2,482	2,435	N/A
Mechanics	160	274	195	262	132	N/A
Other	428	551	536	595	545	N/A
<b>Total</b>	<b>2,370</b>	<b>3,115</b>	<b>3,254</b>	<b>3,339</b>	<b>3,112</b>	<b>N/A</b>
<b>Shuttle &amp; Sightseeing</b>						
Drivers	402	462	596	558	2,398	N/A
Mechanics	30	16	29	35	59	N/A
Other	74	73	132	124	576	N/A
<b>Total</b>	<b>506</b>	<b>551</b>	<b>757</b>	<b>717</b>	<b>3,033</b>	<b>N/A</b>
<b>Urban Transit<sup>2</sup></b>						
Transport operations	22,474	22,697	23,231	23,642	24,355	24,990
Vehicle maintenance	9,990	9,826	10,128	10,339	10,552	10,506
General administration	4,014	3,344	3,805	3,794	4,556	4,379
<b>Total</b>	<b>36,478</b>	<b>35,867</b>	<b>37,164</b>	<b>37,775</b>	<b>39,463</b>	<b>39,875</b>
<b>Total Full-time Employees</b>	<b>61,023</b>	<b>62,931</b>	<b>64,072</b>	<b>65,982</b>	<b>86,549</b>	<b>86,961<sup>e</sup></b>

Notes: 1997-2000 inclusive includes full-time workers of companies with annual revenues greater than \$2 million. N/A: not available e: estimate  
1 In 1998-2000, the sharp decrease in employment recorded under intercity bus operators is due to consolidated reporting coming from mergers and acquisitions, as some intercity carriers activities have been reported under carriers involved primarily in school bus operations.  
2 Urban transit data adapted from Canadian Urban Transit Association (CUTA) statistics.  
3 2001-02: A new bus survey first conducted by Statistics Canada in 2001 covers all bus/urban transit companies. The 2001 data should not be compared to data of previous years as coverage and methodology differ from Statistics Canada's previous bus industry survey.

Source: Statistics Canada, Passenger bus and urban transit statistics, Cat. 53-215, special tabulations and Transport Canada.

**TABLE A2-29: AVERAGE ANNUAL SALARY IN THE BUS INDUSTRY, 1997-2002**

	(Current dollars)					
	1997	1998	1999	2000	2001 <sup>1</sup>	2002
Intercity	36,238	38,627	35,250	37,718	39,404	N/A
School Bus	15,593	16,527	17,946	19,291	16,720	N/A
Charter	29,262	24,141	22,052	24,910	26,865	N/A
Shuttle and Sightseeing	18,670	22,221	21,701	22,443	29,240	N/A
Urban Transit <sup>2</sup>	52,827	53,826	53,356	54,175	54,022	56,328

N/A = Not available.  
 Notes: 1997-2000 data includes workers of companies with annual revenues greater than \$2 million; includes full-time and part-time workers; salaries include benefits.  
 Data includes full- and part-time workers.

1 2001-02: A new bus survey first conducted by Statistics Canada in 2001 covers all bus/urban transit companies. The 2001 data should not be compared to data of previous years as coverage and methodology differ from Statistics Canada's previous bus industry survey.

2 Urban transit data adapted from Canadian Urban Transit Association (CUTA) statistics.

Source: Statistics Canada, Passenger Bus and Urban Transit Statistics, Cat. 53-215, Special Tabulations and Transport Canada.

**TABLE A2-30: EMPLOYMENT BY CANADIAN PORT AUTHORITIES, 1998 – 2003**

	Year	Management	Administration	Other	Total
<b>Total Employees</b>	<b>1998</b>	<b>219</b>	<b>315</b>	<b>647</b>	<b>1,180</b>
Full-time		209	265	405	879
Part-time		5	39	202	246
Contract		5	11	40	56
<b>Total Employees</b>	<b>1999</b>	<b>215</b>	<b>346</b>	<b>694</b>	<b>1,255</b>
Full-time		208	303	411	921
Part-time		1	34	214	249
Contract		6	9	69	85
<b>Total Employees</b>	<b>2000</b>	<b>216</b>	<b>332</b>	<b>618</b>	<b>1,166</b>
Full-time		202	309	418	929
Part-time		10	19	74	102
Contract		4	5	127	136
<b>Total Employees</b>	<b>2001</b>	<b>201</b>	<b>319</b>	<b>630</b>	<b>1,150</b>
Full-time		191	290	426	907
Part-time		3	12	40	55
Contract		7	17	165	189
<b>Total Employees</b>	<b>2002</b>	<b>212</b>	<b>374</b>	<b>526</b>	<b>1,112</b>
Full-time		192	340	361	893
Part-time		9	12	39	60
Contract		11	22	126	158
<b>Total Employees</b>	<b>2003</b>	<b>205</b>	<b>357</b>	<b>465</b>	<b>1,027</b>
Full-time		198	337	337	872
Part-time		2	7	34	44
Contract		5	13	94	111

Note: Totals do not equal sum of parts, as some ports did not provide detailed breakdowns.

Source: Canadian Port Authorities

**TABLE A2-31: AVERAGE ANNUAL EMPLOYMENT IN THE MARINE TRANSPORT INDUSTRY, 1997 – 2003**

	Nova Scotia <sup>1,2</sup>	New Brunswick <sup>1</sup>	Quebec <sup>1,2</sup>	Ontario <sup>1,2,3</sup>	British Columbia <sup>1</sup>	Other <sup>5</sup>	Canada <sup>1,2,3</sup>	Total <sup>4</sup>
1997	474	1,421	1,654	1,829	6,181	1,078	12,635	21,224
1998	613	1,288	1,522	1,912	5,512	1,043	11,890	20,485
1999	691	1,266	1,616	2,087	5,719	1,209	12,588	21,685
2000	733	1,275	1,922	2,445	6,140	1,287	13,801	22,897
2001	758	1,368	2,415	3,154	6,592	1,360	15,647	25,278
2002	776	1,334	2,282 <sup>1</sup>	2,373 <sup>1</sup>	6,816	2,829	16,410	26,266
2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A = Not available.

Note: All figures are based on 12 months annual weighted data.

Industries classified in accordance with the North American Industrial Classification System (NAICS).

Regional data include employment data of establishments primarily engaged in the water transportation of passengers and goods, and primarily engaged in providing scenic and sightseeing transportation on water, such as sightseeing or dinner cruises or air-boat rides.

Total employment includes support activities for water transportation (i.e. employment related to port and harbour operations; marine cargo handling; navigational services to shipping; marine salvage services; ship piloting services and other navigational services to shipping).

1 Includes deep sea, coastal, Great Lakes water transport.

2 Includes Inland Water Transport.

3 Includes scenic and sightseeing water transport.

4 Includes Incidental Services (i.e. "support activities relating to water transportation").

5 Newfoundland and Labrador, Prince Edward Island, New Brunswick, Manitoba, Saskatchewan, Alberta, the Yukon, Nunavut, the Northwest Territories.

Further breakdown of provincial data is not available for reason of data confidentiality.

Source: Statistics Canada, Survey of Employment, Payrolls and Hours, Cat. 72-002; CANSIM and Special Tabulations

**TABLE A2-32: REGIONAL DISTRIBUTION OF EMPLOYMENT BY FERRY OPERATORS, 1997 – 2002**

	<i>British Columbia</i>	<i>Prairies and Territories<sup>1</sup></i>	<i>Ontario</i>	<i>Quebec</i>	<i>Atlantic Region<sup>2</sup></i>	<i>Total</i>
1997	4,872	57	344	710	1,670	<b>7,653</b>
1998	4,822	57	335	710	1,670	<b>7,594</b>
1999	4,792	65	335	710	1,670	<b>7,572</b>
2000	4,982	65	313	680	1,490	<b>7,530</b>
2001	4,982	65	313	680	1,490	<b>7,530</b>
2002	4,790	65	313	680	1,540	<b>7,388</b>

Note: Data limited to members of the Canadian Ferry Operators Association. Figures are likely to underestimate real employment, as data were not available for all ferry operators.

1 Manitoba and the Northwest Territories.

2 Nova Scotia, New Brunswick, Prince Edward Island, and Newfoundland and Labrador.

Source: Canadian Ferry Operators Association (CFOA)

**TABLE A2-33: EMPLOYMENT BY CATEGORY, ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION, 1997 – 2003**

	<i>Management</i>	<i>Administration</i>	<i>Operations</i>	<i>Total</i>	<i>Temporary</i>
1997	12	84	591	<b>687</b>	49
1998 <sup>1</sup>	15	70	540	<b>625</b>	33
1999 <sup>2</sup>	11	65	499	<b>575</b>	39
2000	12	67	491	<b>570</b>	31
2001	11	67	490	<b>568</b>	31
2002	10	74	479	<b>563</b>	30
2003	5	77	476	<b>558</b>	25

1 As of December 31, 1998 – St. Lawrence Seaway Authority.

2 As of December 31, 1999 – St. Lawrence Seaway Management Corporation.

Source: St. Lawrence Seaway Management Corporation

**TABLE A2-34: EMPLOYMENT BY CANADIAN PILOTAGE AUTHORITIES, 1997 – 2003**

	1997	1998	1999	2000	2001	2002	2003
<b>Great Lakes Pilotage</b>							
Administration	10	10	10	10	11	11	11
Pilots <sup>1</sup>	63	64	67	69	69	62	62
Other <sup>2</sup>	9	9	9	9	9	9	9
<b>Total</b>	<b>82</b>	<b>83</b>	<b>86</b>	<b>88</b>	<b>89</b>	<b>82</b>	<b>82</b>
<b>Atlantic Pilotage</b>							
Administration	9	7	7	7	8	8	8
Pilots <sup>1</sup>	50	52	52	52	55	54	54
Other <sup>2</sup>	13	13	17	19	19	19	18
<b>Total</b>	<b>72</b>	<b>72</b>	<b>76</b>	<b>78</b>	<b>82</b>	<b>81</b>	<b>80</b>
<b>Laurentian Pilotage</b>							
Administration	13	13	15	15	15	14	14
Pilots <sup>1</sup>	167	174	176	173	177	173	172
Other <sup>2</sup>	28	29	29	30	30	30	29
<b>Total</b>	<b>208</b>	<b>216</b>	<b>220</b>	<b>218</b>	<b>222</b>	<b>217</b>	<b>215</b>
<b>Pacific Pilotage</b>							
Administration	12	12	12	12	12	12	12
Pilots <sup>1</sup>	115	115	115	116	114	114	110
Other <sup>2</sup>	40	40	40	40	40	37	37
<b>Total</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>168</b>	<b>166</b>	<b>163</b>	<b>159</b>
<b>Canada</b>							
Administration	44	42	44	44	46	45	45
Pilots <sup>1</sup>	395	405	410	410	415	403	398
Other <sup>2</sup>	90	91	95	98	98	95	93
<b>Total</b>	<b>529</b>	<b>538</b>	<b>549</b>	<b>552</b>	<b>559</b>	<b>543</b>	<b>536</b>

1 Number of contract pilots are included in figures shown for "Pilots".

2 Other includes dispatch, pilot boat and other unspecified services.

Source: Pilotage Authorities

**TABLE 2-35: EMPLOYMENT BY MARITIME EMPLOYERS ASSOCIATIONS, 1997 – 2003**

	<i>British Columbia Maritime Employers Association<sup>1</sup></i>			<i>Maritime Employers Association<sup>2</sup></i>		
	<i>Employees</i>	<i>Labour Costs<sup>3</sup></i>	<i>Hours Worked<sup>4</sup></i>	<i>Employees</i>	<i>Labour Costs<sup>3</sup></i>	<i>Hours Worked<sup>4</sup></i>
1997	3,919	194,806	4,669	1,285	86,038	1,816
1998	3,604	187,721	4,326	1,279	90,049	1,911
1999	3,576	205,143	4,579	1,253	92,389	1,892
2000	3,656	227,053	4,956	1,195	106,564	2,074
2001	3,548	213,698	4,523	1,163	101,677	1,866
2002	3,727	226,054	4,599	1,152	106,650	1,881
2003	3,647	252,950	4,918	1,134	113,653	1,985

1 Includes ports of Vancouver, New Westminster, Prince Rupert, Chemainus, Alberni, Victoria, Stewart and a category "Others".

2 Includes ports of Montréal, Trois-Rivières, Bécancour, Toronto and Hamilton.

3 In thousands of dollars.

4 In thousands.

Source: British Columbia Maritime Association; Maritime Employers Association

TABLE A2-36: ANNUAL LABOUR COSTS PER EMPLOYEE, CANADIAN-BASED MARINE CARRIERS, 1997 – 2001

	Government and Private			(Current dollars)			Total		
	Vessel Crew	Other	Total	Vessel Crew	Other	Total	Vessel Crew	Other	Total
1997 <sup>r</sup>	51,212	42,892	<b>48,238</b>	62,225	41,466	<b>56,707</b>	56,888	42,309	<b>52,321</b>
1998 <sup>r</sup>	50,771	44,304	<b>48,380</b>	60,969	47,744	<b>57,967</b>	56,495	45,647	<b>53,274</b>
1999 <sup>r</sup>	51,507	44,504	<b>48,951</b>	61,246	46,653	<b>57,975</b>	57,105	45,373	<b>53,691</b>
2000	53,665	48,217	<b>51,654</b>	61,999	48,361	<b>58,761</b>	58,519	48,278	<b>55,461</b>
2001	56,512	55,090	<b>55,981</b>	63,378	48,590	<b>59,560</b>	60,559	52,129	<b>57,942</b>

r = Revised

1 Excluding Tour Boat Operator employees.

Source: Statistics Canada, Shipping in Canada, Cat. 54-205

TABLE A2-37: EMPLOYMENT IN THE AIR INDUSTRY, 1997 – 2002

	1997	1998	1999	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>
<b>Levels I-III<sup>1</sup></b>						
Pilots and co-pilots	6,549	7,377	8,041	8,787	9,036	8,732
Other flight personnel	9,126	9,982	10,098	11,100	11,173	10,096
Management and administration	3,631	4,013	4,227	4,866	2,792	2,516
Other carrier personnel	29,200	31,650	31,499	34,058	34,774	30,437
<b>Total Levels I-III</b>	<b>48,506</b>	<b>53,022</b>	<b>53,865</b>	<b>58,811</b>	<b>57,775</b>	<b>51,781</b>
<b>Level IV<sup>2</sup></b>						
<b>Total Level IV</b>	<b>4,361</b>	<b>4,646</b>	<b>4,287</b>	<b>N/A<sup>4</sup></b>	<b>N/A<sup>4</sup></b>	<b>N/A<sup>4</sup></b>
<b>Levels I-IV</b>						
<b>Total Levels I-IV</b>	<b>52,867</b>	<b>57,668</b>	<b>58,152</b>	<b>N/A<sup>4</sup></b>	<b>N/A<sup>4</sup></b>	<b>N/A<sup>4</sup></b>
<b>Grand Total, Including Incidental Services<sup>3</sup></b>	<b>69,251</b>	<b>76,928<sup>r</sup></b>	<b>81,219<sup>r</sup></b>	<b>82,987<sup>r</sup></b>	<b>79,211<sup>r</sup></b>	<b>73,749<sup>r</sup></b>

p = Preliminary r = Revised N/A = Not available

Level definitions from 1997 to 1999:

- Levels I-III: Canadian air carriers that in each of the two calendar years immediately preceding the report year transported 5,000 revenue passengers or more or 1,000 tonnes of revenue goods or more.
- Level IV: Canadian air carriers not classified in Levels I-III that in each of the two calendar years immediately preceding the report year realized annual gross revenues of \$500,000 or more for air services for which the air carrier held a licence.
- Incidental services: jobs that are associated with the air industry but are not defined in Statistics Canada's catalogue.
  - Employment tabulations from Statistics Canada's publication "Survey of Employment, Payroll and Hours" are derived from air transport industry classified in accordance with the North America Industrial Classification System (NAICS).
  - "Grand Total, Including Incidental Services" excludes helicopter and hot-air balloon jobs associated with scenic and sightseeing transportation.
- Effective 2000, data for Level IV carriers will no longer be available due to carrier level definition changes implemented by Statistics Canada. Most carriers formerly classified as Level IV now come under Level V, which are not required to report employment data.
- Figure for 2002 based on 12 months of averaged monthly data.

Source: Statistics Canada, Canadian civil aviation, Cat. 51-206; Survey of Employment, Payrolls and Hours, Cat. 72-002

TABLE A2-38: EMPLOYMENT - NAS AIRPORTS, 1998 – 2003

	CAA/LAA	Transport Canada Employees In-transit to NAS Airports	Total
<b>1998</b>			
Atlantic	83	237	320
Central	1,551	60	1,611
Western	847	54	901
Territories	42	0	42
<b>Total</b>	<b>2,523</b>	<b>351</b>	<b>2,874</b>
<b>1999</b>			
Atlantic	135	206	341
Central	1,511	60	1,571
Western	855	26	881
Territories	46	0	46
<b>Total</b>	<b>2,547</b>	<b>292</b>	<b>2,839</b>
<b>2000</b>			
Atlantic	300	84	384
Central	1,660	0	1,660
Western	861	26	887
Territories	41	0	41
<b>Total</b>	<b>2,862</b>	<b>110</b>	<b>2,972</b>
<b>2001</b>			
Atlantic	364	0	364
Central	1,646	0	1,646
Western	863	16	879
Territories	39	0	39
<b>Total</b>	<b>2,912</b>	<b>16</b>	<b>2,928</b>
<b>2002</b>			
Atlantic	318	0	318
Central	1,677	0	1,677
Western	801	20	821
Territories	41	0	41
<b>Total</b>	<b>2,837</b>	<b>20</b>	<b>2,857</b>
<b>2003</b>			
Atlantic	290	0	290
Central	1,644	0	1,644
Western	870	0	870
Territories	41	0	41
<b>Total</b>	<b>2,845</b>	<b>0</b>	<b>2,845</b>

Atlantic: Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick.

Central: Ontario, Quebec.

Western: Manitoba, Saskatchewan, Alberta, British Columbia.

Territories: Yukon, Nunavut, Northwest Territories.

NAS: National Airports System

Source: Canadian Airport Authorities, Local Airport Authorities, Transport Canada

**TABLE A2-39: EMPLOYMENT RELATED TO TRAVEL ARRANGEMENT AND RESERVATION SERVICES,<sup>1</sup> 1997 – 2003**

	<i>Newfoundland and Labrador/ Nova Scotia</i>	<i>Quebec</i>	<i>Manitoba</i>	<i>Alberta</i>	<i>British Columbia</i>	<i>Other<sup>3</sup></i>	<i>Canada</i>
1997	932	7,414	630	3,081	6,845	14,568	<b>33,470</b>
1998	920	7,043	739	3,098	7,198	14,650	<b>33,648</b>
1999	956	7,211	744	3,224	7,160	15,536	<b>34,830</b>
2000	1,090	7,052	598	3,486	7,027	16,904	<b>36,157</b>
2001	1,013	7,299	479	3,627	6,997	17,622	<b>37,037</b>
2002	956	7,649	501	3,659	7,173	17,508	<b>37,446</b>
2003 <sup>2</sup>	902	7,965	548	3,620	7,569	16,723	<b>37,327</b>

- 1 Travel agencies, tour operators and other travel arrangement and reservation services.  
Industries classified in accordance with the North American Industrial Classification System (NAICS).  
2 Tabulations for 2003 are based on 10-month averaged annual data.  
3 Prince Edward Island, New Brunswick, Ontario and Saskatchewan.  
Further breakdown of provincial data is not available for reason of data confidentiality.

Source: Statistics Canada, Survey of Employment, Payrolls and Hours, Cat. 72-002, CANSIM and special tabulations

**TABLE A2-40: ANNUAL LABOUR COSTS PER EMPLOYEE OF CANADIAN AIR CARRIERS, 1997 – 2002**

	(Current dollars)					
	1997	1998	1999	2000	2001	2002 <sup>1</sup>
<b>Levels I-III</b>						
Pilots and co-pilots	84,173	81,295	84,250	90,854	94,331	96,429
Other flight personnel	37,512	37,192	41,284	41,800	43,625	44,546
Management and administration	49,937	52,551	57,298	58,159	70,885	69,388
Other carrier personnel	42,956	43,188	46,441	48,698	50,200	54,055
Total Levels I - III <sup>2</sup>	48,019	48,069	51,971	54,477	56,830	60,092
<b>Level IV</b>						
Total Levels IV <sup>3</sup>	43,003	42,863	44,945	N/A <sup>4</sup>	N/A <sup>4</sup>	N/A <sup>4</sup>
<b>Levels I - IV Total</b>						
Total Levels I - IV	47,606	47,650	51,453	N/A <sup>4</sup>	N/A <sup>4</sup>	N/A <sup>4</sup>

- N/A = Not available  
1 Preliminary data.  
Level definitions from 1997 to 1999:  
2 Levels I-III: Canadian air carriers that in each of the two calendar years immediately preceding the report year transported 5,000 revenue passengers or more or 1,000 tonnes of revenue goods or more.  
3 Level IV: Canadian air carriers not classified in Levels I-III that in each of the two calendar years immediately preceding the report year realized annual gross revenues of \$500,000 or more for air services for which the air carrier held a licence.  
4 Effective 2000, data for Level IV carriers will no longer be available due to carrier level definition changes implemented by Statistics Canada.

Source: Statistics Canada, Canadian civil aviation, Cat. 51-206

**TABLE A2-41: OTHER DIRECT TRANSPORT-RELATED EMPLOYMENT, 1997 - 2003**

	<i>Passenger Transit<sup>1</sup></i>	<i>"Other" Transportation<sup>2</sup></i>	<i>Pipeline Transportation</i>	<i>Total</i>
1997	17,225	45,615	4,943	67,784
1998	16,419	46,547	4,694	67,660
1999	17,062	49,625	4,653	71,340
2000	17,712	50,708	4,949	73,369
2001	N/A <sup>1</sup>	53,249	4,990	58,238
2002	N/A <sup>1</sup>	54,055	5,029	59,084
2003	N/A <sup>1</sup>	N/A	N/A	N/A

- N/A = Not Available.  
Note: Industries are classified in accordance with the North American Industrial Classification System (NAICS).  
1. A residual level of employment calculated as the difference between that level of employment for the Canadian Bus Industry (reported in Statistics Canada's Annual Passenger Bus and Urban Transit Survey), and the NAICS-based employment data for Transit and Ground Passenger Transport and Taxi and Limousine Service (reported in Statistics Canada's Survey of Employment, Payroll and Hours).  
In 2001, a new bus survey introduced by Statistics Canada provides an enlarged coverage of the bus industry and makes irrelevant the calculation of a residual employment value concerning "Passenger Transit".  
2. Employment data that is not assigned to a specific mode and that could be described as multimodal in nature. Includes scenic and sightseeing transport - land and other, support activities - road and other, freight transportation arrangement.

Source: Statistics Canada, Survey of Employment, Payroll and Hours, Cat. 72-002; CANSIM special tabulations.



**TABLE A2-42: TRANSPORTATION-RELATED EMPLOYMENT<sup>1</sup> IN FEDERAL DEPARTMENTS AND AGENCIES, 1997/98 – 2003/04**

	Canadian Transportation			Canadian	Civil	Total
	Transport Canada	Coast Guard	Safety Board	Transportation Agency	Aviation Tribunal	
1997/98	4,840	4,007	223	260	8	<b>9,338</b>
1998/99	4,480	3,945	229	249	8	<b>8,911</b>
1999/00	4,204	4,086	234	249	8	<b>8,781</b>
2000/01	4,071	3,928	230	251	8	<b>8,488</b>
2001/02	4,154	3,603	235	271	8	<b>8,271</b>
2002/03	4,315	3,700	235	272	10	<b>8,532</b>
2003/04	4,557	3,700	249	278	9	<b>8,793</b>

1 Planned Full-Time Equivalents.

Source: 1997 – 2003 Estimates, Federal Government Main Estimates

**TABLE A2-43: AVERAGE WEEKLY EARNINGS IN THE TRANSPORTATION AND WAREHOUSING SECTOR BY MODE,<sup>1</sup> 1997 – 2003**

(Current dollars)

	Total Economy	Total Transport and Warehousing <sup>2</sup>	Rail <sup>3</sup>	Water <sup>3</sup>	Air <sup>3</sup>	Truck <sup>4</sup>	Urban/Public Transportation <sup>4,5</sup>	Pipeline
	1997	624	690	864	880	829	633	575
1998	633	705	860	893	834	669	576	1,177
1999	641	716	874	897	851	668	584	1,173
2000	658	725	877	918	856	680	592	1,202
2001	667	742	888	971	884	693	612	1,241
2002	681	764	912	982	907	717	639	1,258
2003 <sup>6</sup>	688	765	896	N/A	897	724	642	N/A

N/A = Not available.

Note: Tabulations based upon the North American Industrial Classification System (NAICS).

1 Does not include owner-operators, private trucking, delivery services or government employees.

2 Data only available for Transportation and Warehousing.

3 Includes Support Services.

4 Excludes Support Services.

5 Transit and Ground Passenger Transport includes: Urban Transit Systems; Interurban and Rural Bus Transport; Taxi and Limousine Services; School and Employee Bus Transport; Charter Bus Industry; Other Transit and Ground Passenger Transportation.

6 Estimate based on 10-month weighted annual average.

Source: Statistics Canada, Survey of Employment, Payroll and Hours, Cat. 72-0023XIB, CANSIM and special tabulations

**TABLE A2-44: AVERAGE WEEKLY EARNINGS IN THE TRANSPORTATION AND WAREHOUSING SECTOR<sup>1</sup> BY REGION, 1997 – 2003**

(Current dollars)

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
	1997	567	524	589	635	651	731	672	620	649	744	699
1998	600	521	577	611	657	746	673	645	667	777	669	<b>705</b>
1999	639	513	632	631	616	743	712	557	698	785	693	<b>716</b>
2000	656	536	670	646	677	752	731	681	705	790	764	<b>725</b>
2001	663	540	687	664	696	769	735	715	725	803	761	<b>742</b>
2002	690	570	714	691	717	792	758	746	747	826	796	<b>764</b>
2003 <sup>2</sup>	708	597	728	715	717	786	758	758	751	829	787	<b>765</b>

Note: Tabulations based upon the North American Industrial Classification System (NAICS).

1 Data only available for Transportation and Warehousing.

2 Estimate based on 10-month weighted annual average.

Source: Statistics Canada, Survey of Employment, Payroll and Hours, Cat. 72-002, CANSIM and special tabulations

**TABLE A2-45: LABOUR ACTION BY MODE OF TRANSPORT, 1997 – 2003**

	<i>Air</i>	<i>Rail</i>	<i>Water</i>	<i>Truck</i>	<i>Bus/ Urban</i>	<i>Taxi</i>	<i>Other<sup>1</sup></i>	<i>Total</i>
<b>Number of Stoppages</b>								
1997	7	0	5	6	3	1	2	<b>24</b>
1998	3	1	4	4	7	0	1	<b>20</b>
1999	1	3	1	3	10	2	1	<b>21</b>
2000	3	2	6	10	5	3	1	<b>30</b>
2001	3	0	10	2	12	2	0	<b>29</b>
2002	1	1	6	2	4	0	0	<b>14</b>
2003	3	1	5	1	6	1	1	<b>18</b>
<b>Workers Involved</b>								
1997	1,138	0	435	588	180	7	39	<b>2,387</b>
1998	2,693	25	459	250	1,083	0	25	<b>4,535</b>
1999	265	2,130	3,550	882	9,338	24	150	<b>16,339</b>
2000	165	1,654	984	1,218	210	164	150	<b>4,545</b>
2001	248	0	385	522	6,662	265	0	<b>8,082</b>
2002	2,200	34	267	103	995	0	0	<b>3,599</b>
2003	2,315	215	3,390	64	414	225	9	<b>6,632</b>
<b>Person-Days Lost</b>								
1997	51,360	0	1,280	13,960	4,380	850	6,670	<b>78,500</b>
1998	33,840	180	10,510	15,530	30,130	0	1,580	<b>91,770</b>
1999	8,520	7,080	19,620	1,920	21,730	110	30,420	<b>89,400</b>
2000	4,480	7,390	26,460	19,950	2,060	7,170	2,080	<b>69,590</b>
2001	9,050	0	4,835	10,020	317,200	9,360	0	<b>350,465</b>
2002	5,010	1,020	23,920	630	1,010	0	0	<b>31,590</b>
2003	9,590	8,140	25,540	120	3,590	230	530	<b>47,740</b>

Note: Figures are based on the North American Industrial Classification System (NAICS).

1 Includes labour actions that involve freight forwarders, tour operators, some undefined road mode of transport and some other support activities for transportation.

Source: Human Resources Canada

**TABLE A2-46: TOTAL ENERGY USE IN THE CANADIAN ECONOMY BY SECTOR, 1990 – 2002**

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
Mining	262	254	244	307	329	367	414	399	337	306	339	358	381	6.5
Manufacturing <sup>1</sup>	1,696	1,690	1,676	1,664	1,692	1,734	1,789	1,812	1,757	1,768	1,768	1,713	1,765	3.0
Forestry	16	12	10	13	11	8	10	11	12	15	16	18	17	(6.2)
Construction	44	42	39	33	35	34	48	44	48	50	50	48	54	13.3
Agriculture	205	195	224	198	195	207	224	233	225	230	232	218	206	(5.7)
Residential	1,197	1,166	1,179	1,257	1,277	1,254	1,362	1,298	1,180	1,228	1,287	1,240	1,295	4.5
Public														
Administrations	144	137	137	133	145	146	136	134	130	125	131	127	130	2.4
Commercial & other institutions <sup>1</sup>	787	802	816	862	845	883	900	920	858	901	873	969	1,040	7.4
Transportation	1,971	1,922	2,003	2,055	2,168	2,227	2,284	2,357	2,423	2,484	2,482	2,457	2,500	1.7
<b>Energy Use - Final Demand</b>	<b>6,321</b>	<b>6,221</b>	<b>6,329</b>	<b>6,523</b>	<b>6,697</b>	<b>6,860</b>	<b>7,166</b>	<b>7,208</b>	<b>6,971</b>	<b>7,109</b>	<b>7,178</b>	<b>7,148</b>	<b>7,388</b>	<b>3.4</b>

Transport in per cent  
of Total

31.2	30.9	31.6	31.5	32.4	32.5	31.9	32.7	34.8	34.9	34.6	34.4	33.8
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1 Diesel and gasoline purchased by the manufacturing and commercial sectors are attributed to road transportation in an attempt to include all private (own-account) road transportation.

Source: Transport Canada, adapted from Statistics Canada's *Quarterly Report on Energy Supply-Demand in Canada*, 57-003

**TABLE A2-47: ENERGY CONSUMPTION BY TYPE AND MODE, 1990 – 2002**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Gasoline</b>														
Road <sup>1</sup>	1,111	1,079	1,105	1,135	1,171	1,166	1,180	1,209	1,243	1,275	1,276	1,289	1,314	1.9
Aviation	4	3	3	3	3	4	4	4	3	3	3	3	3	(0.8)
Marine	-	2	-	1	1	1	1	1	-	-	-	-	-	N/A
Total	1,116	1,084	1,108	1,140	1,175	1,171	1,184	1,213	1,246	1,279	1,280	1,293	1,317	1.9
<b>Diesel</b>														
Road <sup>1</sup>	331	316	318	340	381	420	434	476	488	507	536	530	551	4.1
Rail	89	83	87	86	89	81	79	80	77	82	84	82	75	(9.3)
Marine	47	46	44	41	45	45	45	44	45	46	47	46	46	0.2
Pipelines	1	1	0	0	1	1	2	0	1	1	1	0	0	(11.4)
Total	468	446	449	468	516	548	561	600	611	636	667	659	673	2.1
<b>Jet Fuel</b>														
Aviation	154	135	145	141	153	165	187	194	200	212	215	195	205	5.3
<b>Light &amp; Heavy Fuel Oil</b>														
Marine	60	66	65	56	60	56	55	57	73	69	67	76	64	(16.5)
<b>Natural Gas</b>														
Pipelines	133	148	192	202	212	233	241	245	244	245	219	200	212	6.2
Retail pump sales (road)	3	3	3	3	5	8	8	4	3	3	2	2	2	(26.5)
Total	136	150	195	205	217	241	249	249	247	247	221	202	214	5.8
<b>Gas Plant NGL<sup>2</sup></b>														
Road transport and urban transit	26	29	29	32	34	33	34	29	27	23	16	17	13	(25.0)
<b>Primary Electricity</b>														
Pipelines	9	8	9	10	10	11	11	12	16	15	13	12	11	(10.1)
Road transport and urban transit	3	3	3	3	3	3	3	3	3	3	3	3	3	4.2
Total	12	11	12	13	13	14	14	15	19	18	16	16	14	(7.2)
<b>Total Energy by Mode</b>														
Road <sup>1</sup>	1,474	1,430	1,458	1,513	1,594	1,630	1,659	1,721	1,763	1,810	1,833	1,841	1,883	2.2
Aviation	158	139	148	145	156	169	190	197	203	216	218	198	209	5.2
Pipelines	142	157	202	213	223	245	254	258	261	261	233	213	224	5.2
Marine	107	114	109	99	106	102	101	101	118	115	113	122	110	(10.2)
Rail	89	83	87	86	89	81	79	80	77	82	84	82	75	(9.3)
<b>Total Transportation Energy</b>	<b>1,971</b>	<b>1,922</b>	<b>2,003</b>	<b>2,055</b>	<b>2,168</b>	<b>2,227</b>	<b>2,284</b>	<b>2,357</b>	<b>2,423</b>	<b>2,484</b>	<b>2,482</b>	<b>2,457</b>	<b>2,500</b>	<b>1.7</b>

N/A = Not available.

1 Diesel and gasoline purchased by the manufacturing and commercial sectors are attributed to road transportation in an attempt to include all private (own-account) road transportation.

2 NGL: Natural gas liquids.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, 57-003

**TABLE A2-48: TOTAL TRANSPORTATION ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002**

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada</b>	<b>1,971</b>	<b>1,922</b>	<b>2,003</b>	<b>2,055</b>	<b>2,168</b>	<b>2,227</b>	<b>2,284</b>	<b>2,357</b>	<b>2,423</b>	<b>2,484</b>	<b>2,482</b>	<b>2,457</b>	<b>2,500</b>	<b>1.7</b>
Newfoundland and Labrador	47	44	41	40	38	39	42	41	41	43	46	46	45	(1.0)
Prince Edward Island	9	9	9	8	9	9	9	9	10	10	11	10	11	3.3
Nova Scotia	68	67	65	67	69	71	71	72	77	83	79	74	73	(1.8)
New Brunswick	55	54	55	57	59	59	62	64	66	69	72	71	70	(1.2)
Quebec	395	373	387	393	419	416	423	426	451	459	453	453	484	6.8
Ontario	677	659	680	702	725	747	768	804	822	857	865	830	840	1.3
Manitoba	86	87	92	94	96	100	101	98	93	96	90	82	83	1.9
Saskatchewan	95	101	117	120	124	129	130	131	130	132	125	112	123	9.8
Alberta	268	249	262	274	308	313	324	347	360	363	363	406	403	(0.7)
British Columbia	265	275	289	294	314	336	346	355	364	363	370	364	360	(1.1)
Yukon	2	2	3	3	3	3	3	3	3	3	3	3	3	6.3
Northwest Territories	4	4	4	4	5	6	6	6	6	4	4	6	4	(36.4)
Nunavut <sup>1</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	1	1	1	(15.6)

N/A = Not available.

1 Before 1999, Nunavut is included in the Northwest Territories.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, 57-003

**TABLE A2-49: ROAD ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002**

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada</b>	<b>1,474</b>	<b>1,430</b>	<b>1,458</b>	<b>1,513</b>	<b>1,594</b>	<b>1,630</b>	<b>1,659</b>	<b>1,721</b>	<b>1,763</b>	<b>1,810</b>	<b>1,833</b>	<b>1,841</b>	<b>1,883</b>	<b>2.2</b>
Newfoundland and Labrador	26	25	25	27	26	24	25	24	25	26	28	29	29	1.9
Prince Edward Island	7	7	7	7	7	8	8	8	8	9	9	9	10	4.7
Nova Scotia	49	47	48	49	50	52	52	53	54	57	56	56	58	2.6
New Brunswick	46	45	46	48	50	49	52	53	54	57	58	57	58	1.6
Quebec	328	313	319	336	353	359	363	371	380	388	383	375	385	2.6
Ontario	543	522	531	549	568	580	587	619	635	669	689	686	704	2.6
Manitoba	55	54	55	56	57	59	59	58	59	60	59	58	59	2.5
Saskatchewan	50	58	60	62	67	65	66	68	63	64	66	67	74	10.5
Alberta	197	182	184	190	212	220	227	237	246	247	255	278	278	0.0
British Columbia	168	171	178	186	198	209	216	225	232	226	224	220	223	1.3
Yukon	2	2	3	3	2	3	3	3	3	3	3	3	3	3.3
Northwest Territories	2	3	2	2	2	2	2	3	3	2	2	3	2	(35.5)
Nunavut <sup>1</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	1	1	1	(23.1)

N/A = Not available.

1 Before 1999, Nunavut is included in the Northwest Territories.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, Cat. 57-003

**TABLE A2-50: AVIATION ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002**

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada</b>	<b>158</b>	<b>139</b>	<b>148</b>	<b>145</b>	<b>156</b>	<b>169</b>	<b>190</b>	<b>197</b>	<b>203</b>	<b>216</b>	<b>218</b>	<b>198</b>	<b>209</b>	<b>5.2</b>
Newfoundland and Labrador	10	7	8	5	5	6	7	6	6	7	8	7	7	(10.4)
Prince Edward Island	0	0	0	0	0	0	0	0	0	0	0	0	0	(6.8)
Nova Scotia	4	4	4	4	4	5	5	4	5	5	5	4	5	4.4
New Brunswick	2	1	2	1	2	2	2	3	3	3	3	3	3	(19.3)
Quebec	34	26	32	28	30	30	32	27	28	29	31	33	56	71.0
Ontario	46	43	42	45	47	51	57	62	68	70	68	57	43	(24.8)
Manitoba	6	5	5	5	7	7	8	8	7	8	8	7	7	(4.7)
Saskatchewan	2	2	2	2	2	3	3	3	3	2	3	3	3	(6.2)
Alberta	20	18	17	18	19	21	24	27	28	30	30	30	28	(8.5)
British Columbia	32	30	34	32	36	42	49	54	52	58	61	49	56	13.6
Yukon	0	0	0	0	0	0	0	0	0	0	0	0	0	40.6
Northwest Territories	2	2	2	2	3	3	2	3	3	1	1	3	2	(37.0)
Nunavut <sup>1</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	1	1	(3.8)

N/A = Not available.

1 Before 1999, Nunavut is included in the Northwest Territories.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, Cat. 57-003

TABLE A2-51: PIPELINE ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada<sup>1,2</sup></b>	<b>142</b>	<b>157</b>	<b>202</b>	<b>213</b>	<b>223</b>	<b>245</b>	<b>254</b>	<b>258</b>	<b>261</b>	<b>261</b>	<b>233</b>	<b>213</b>	<b>224</b>	<b>5.2</b>
Quebec	0	1	1	1	1	0	0	1	0	0	2	4	6	63.2
Ontario	45	48	64	67	69	79	85	84	81	82	72	51	61	20.8
Manitoba	18	20	25	26	26	27	28	26	22	24	19	13	16	17.6
Saskatchewan	34	37	50	51	48	54	53	53	58	60	51	39	44	12.9
Alberta	28	29	41	45	56	56	59	67	68	67	56	70	70	0.6
British Columbia	17	21	20	22	25	27	30	28	31	27	32	36	26	(26.9)

1 There is no pipeline activity in the four Atlantic provinces or in Yukon and Nunavut.

2 The Northwest Territories shows very small level of activities for some years, but numbers disappear when rounded.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, Cat. 57-003

TABLE A2-52: MARINE ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada<sup>1,2</sup></b>	<b>107</b>	<b>114</b>	<b>109</b>	<b>99</b>	<b>106</b>	<b>102</b>	<b>101</b>	<b>101</b>	<b>118</b>	<b>115</b>	<b>113</b>	<b>122</b>	<b>110</b>	<b>(10.1)</b>
Newfoundland and Labrador	11	11	8	7	7	8	10	10	10	11	10	9	9	(2.2)
Prince Edward Island	1	1	2	1	1	1	1	1	1	1	1	1	1	(6.8)
Nova Scotia	14	16	13	13	14	13	14	15	18	19	16	13	10	(24.3)
New Brunswick	6	6	5	6	6	6	6	7	7	7	8	7	6	(15.3)
Quebec	26	26	26	21	28	20	22	21	33	30	28	32	28	(13.8)
Ontario	20	21	19	17	17	16	16	17	17	13	14	15	12	(15.3)
British Columbia	29	34	36	32	33	37	31	30	31	34	36	45	44	(2.6)
Northwest Territories	0	0	0	0	-	1	1	0	0	0	0	0	0	(40.0)

N/A = Not available

1 Sales of marine fuel in the three Prairie provinces are too small to show when numbers are rounded.

2 There are no sales of marine fuels reported for the Yukon and Nunavut.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, Cat. 57-003

TABLE A2-53: RAIL ENERGY CONSUMPTION BY PROVINCE, 1990 – 2002

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Annual Growth (per cent) 2001-02
<b>Canada<sup>1,2,3</sup></b>	<b>89</b>	<b>83</b>	<b>87</b>	<b>86</b>	<b>89</b>	<b>81</b>	<b>79</b>	<b>80</b>	<b>77</b>	<b>82</b>	<b>84</b>	<b>82</b>	<b>75</b>	<b>(9.3)</b>
Nova Scotia	1	1	1	1	1	1	0	0	1	1	1	1	1	12.0
New Brunswick	2	2	2	2	2	1	1	2	2	3	3	3	3	(0.8)
Quebec	7	8	8	8	8	7	6	6	9	11	10	10	10	(1.4)
Ontario	23	25	24	24	24	21	23	23	20	21	22	20	19	(7.5)
Manitoba	8	7	7	7	7	7	7	6	4	4	4	3	1	(63.3)
Saskatchewan	8	4	5	5	7	7	7	7	6	6	5	4	3	(19.2)
Alberta	23	19	20	20	20	16	14	17	17	18	22	28	27	(3.4)
British Columbia	19	18	21	21	21	21	20	19	18	18	16	13	11	(18.7)

1 There is no rail activity in Prince Edward Island, the Yukon or Nunavut.

2 There is no rail activity on the island of Newfoundland. Sales of fuel for rail usage in Labrador are reported as occurring in the province of Quebec.

3 The Northwest Territories show a very small level of activity for some years, but numbers disappear when rounded.

Source: Transport Canada, adapted from Statistics Canada's Quarterly Report on Energy Supply-Demand in Canada, Cat. 57-003

**TABLE A2-54: CRUDE OIL PRICES — CANADIAN AND US\$ PER BARREL, 1991 – 2003**

	W.T.I. at Chicago <sup>1</sup>		Canadian Par in Edmonton <sup>2</sup>
	(US\$)	(CAN\$)	(CAN\$)
1991	16.11	18.52	14.89
1992	16.31	19.65	14.99
1993	15.67	20.09	13.91
1994	15.45	21.16	13.93
1995	16.61	22.75	15.33
1996	19.54	26.64	18.63
1997	18.58	25.73	17.62
1998	13.88	20.58	12.93
1999	18.61	27.65	17.45
2000	30.72	45.62	28.26
2001	26.45	40.95	24.99
2002	26.53	41.65	25.55
2003	31.53	44.17	27.64

1 West Texas Intermediate (W.T.I.) crude oil - reference price.

2 Price of domestic crude oil equivalent to W.T.I., as quoted in Edmonton.

Source: M.J. Ervin & Associates

**TABLE A2-55: RETAIL PRICE OF REGULAR UNLEADED GASOLINE — SELECTED CITIES, 1991 – 2003**

	(Cents per litre)												
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
St John's	63.7	60.5	56.6	58.8	62.7	60.7	67.9	64.4	66.4	83.2	79.1	77.1	82.6
Charlottetown	63.2	60.6	56.3	55.1	59.1	59.1	60.5	53.6	53.1	70.3	72.3	68.2	73.7
Halifax	62.5	58.3	51.0	51.9	54.2	54.7	60.6	57.1	61.0	76.1	72.8	73.4	77.5
Saint John	59.6	56.8	55.2	53.9	56.4	54.9	60.4	55.3	59.1	73.7	69.9	72.8	78.5
Montreal	64.8	60.7	57.8	54.6	56.5	60.8	62.1	55.7	62.6	77.1	73.3	71.4	76.7
Toronto	54.5	53.3	51.5	49.9	52.3	55.7	55.7	51.0	57.1	70.8	66.8	67.3	71.9
Winnipeg	52.9	50.2	52.0	52.5	54.5	56.8	57.1	53.3	57.5	66.8	65.8	63.6	66.9
Regina	46.8	48.8	53.4	55.7	57.2	59.0	59.5	55.8	60.6	72.1	72.4	72.7	76.1
Calgary	49.7	46.4	46.6	47.1	49.3	51.2	52.9	48.7	52.8	64.5	64.9	65.4	66.1
Vancouver	56.5	53.6	54.6	55.2	58.0	59.3	58.4	49.3	51.4	68.9	67.2	69.7	76.6
Whitehorse	59.8	55.7	57.8	58.2	61.6	63.4	62.1	66.9	67.4	82.0	82.2	81.0	92.0
Yellowknife	70.8	65.6	66.9	67.4	71.3	72.6	71.2	72.0	71.6	83.4	87.1	88.5	84.3
<b>Canada<sup>1</sup></b>	<b>57.2</b>	<b>54.5</b>	<b>53.3</b>	<b>52.2</b>	<b>54.1</b>	<b>56.8</b>	<b>57.8</b>	<b>52.4</b>	<b>57.6</b>	<b>71.5</b>	<b>68.7</b>	<b>68.8</b>	<b>73.2</b>

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

Source: M.J. Ervin & Associates

**TABLE A2-56: RETAIL PRICE OF ROAD DIESEL — SELECTED CITIES, 1991 – 2003**

	(Cents per litre)												
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
St John's	67.7	67.0	68.6	67.0	67.8	68.0	72.8	72.1	71.8	84.7	81.5	74.7	79.9
Charlottetown	60.1	57.0	55.4	55.6	58.8	59.9	62.4	54.8	54.4	68.7	70.8	64.7	68.6
Halifax	63.3	60.8	53.5	52.6	53.4	55.6	64.9	61.6	60.5	76.7	73.2	68.5	74.3
Saint John	57.4	56.7	55.5	55.6	57.0	57.9	61.9	60.3	60.5	75.2	73.8	70.2	76.8
Montreal	61.6	57.1	55.4	53.6	53.3	55.3	58.6	57.3	58.4	76.6	74.1	69.1	74.2
Toronto	54.7	50.1	50.5	50.2	51.3	52.9	53.5	48.9	51.4	68.5	67.2	62.8	67.8
Winnipeg	49.6	47.6	47.8	47.8	48.2	49.2	51.7	50.5	51.4	63.0	66.9	60.6	65.3
Regina	52.5	50.9	51.2	50.2	49.9	52.1	56.5	54.5	55.1	66.5	67.4	62.2	68.1
Calgary	47.2	41.6	41.4	42.6	44.0	46.2	48.6	48.0	49.8	60.3	61.5	57.8	61.7
Vancouver	55.0	52.5	53.3	52.4	51.9	54.2	54.7	51.9	53.1	64.6	66.6	63.4	72.1
<b>Canada<sup>1</sup></b>	<b>57.7</b>	<b>53.3</b>	<b>52.3</b>	<b>51.3</b>	<b>50.9</b>	<b>52.8</b>	<b>55.1</b>	<b>52.6</b>	<b>54.0</b>	<b>68.2</b>	<b>68.4</b>	<b>63.6</b>	<b>69.1</b>

1 Volume-weighted average.

Source: M.J. Ervin & Associates

**TABLE A2-57: COMPONENTS OF THE RETAIL PRICE OF ROAD FUELS — 2003 NATIONAL AVERAGES**

	Regular Gasoline		Road Diesel	
	cents/litre	per cent	cents/litre	per cent
Crude costs	27.3	37.3	27.3	39.5
Refiner operating margin	10.4	14.3	9.0	13.1
Marketing operating margin	4.7	6.5	8.4	12.2
<b>Price before taxes</b>	<b>42.5</b>	<b>58.0</b>	<b>44.7</b>	<b>64.7</b>
Federal excise tax	10.0	13.7	4.0	5.8
Provincial fuel taxes <sup>1</sup>	14.4	19.7	14.2	20.6
GST & Prov. sales taxes <sup>1</sup>	6.3	8.6	6.1	8.9
<b>Total taxes</b>	<b>30.7</b>	<b>42.0</b>	<b>24.4</b>	<b>35.3</b>
<b>Retail price</b>	<b>73.2</b>	<b>100.0</b>	<b>69.1</b>	<b>100.0</b>

<sup>1</sup> Distribution of taxes by category is estimated by Transport Canada.

Source: M.J. Ervin & Associates

**TABLE A2-58: PRICE OF OTHER TRANSPORTATION FUELS,<sup>1</sup> 1991 – 2003**

	(Cents per litre)			
	Jet Fuel (Turbo)	Marine Fuels <sup>2</sup>	Rail Diesel	Aviation Gasoline
1991	28.45	22.45	30.41	55.85
1992	26.34	21.40	28.17	59.05
1993	25.84	21.76	28.71	56.95
1994	25.50	22.03	28.93	58.08
1995	25.41	23.18	29.29	56.42
1996	27.30	26.03	31.52	56.16
1997	27.13	25.21	32.39	56.05
1998	22.94	22.09	29.22	52.35
1999	23.59	23.49	27.92	51.79
2000	35.37	34.56	39.05	57.60
2001	32.20	33.43	40.45	54.81
2002	27.90	31.30	36.05	55.13
2003	N/A	34.17	N/A	N/A

N/A = Not available.

<sup>1</sup> Except for marine, prices include fuel purchased outside Canadian borders.

<sup>2</sup> Marine prices are estimated by Transport Canada.

Source: Transport Canada databases

**TABLE A2-59: PRICE AND OUTPUT INDICATORS, TRANSPORT INDUSTRIES, 1996 – 2002**

	Price Changes (Annual per cent increase)				Output Changes (Annual per cent increase)			
	1996/00	2000/2001	2001/02	1996/02	1996/00	2000/2001	2001/02	1996/02
<b>CN and CPR</b>								
Agriculture	96.3	92.9	92.3	92.5	78.0	92.1	91.1	68.9
Other bulk	83.1	77.7	82.4	83.2	112.3	117.6	115.0	117.5
Other commodities	98.3	97.0	95.9	96.3	103.9	109.8	106.5	112.2
Intermodal	96.0	93.8	96.1	94.8	112.8	125.0	128.3	140.5
<b>Total</b>	<b>94.9</b>	<b>92.0</b>	<b>93.0</b>	<b>93.2</b>	<b>101.1</b>	<b>108.7</b>	<b>108.2</b>	<b>108.6</b>
<b>Trucking Industry</b>								
Domestic	99.4	102.2	105.0	109.7	104.1	110.0	120.1	113.1
Transborder	110.7	113.8	116.7	119.6	117.1	123.4	130.9	127.1
<b>Total</b>	<b>103.3</b>	<b>105.9</b>	<b>108.6</b>	<b>112.3</b>	<b>109.1</b>	<b>116.9</b>	<b>125.6</b>	<b>120.3</b>
<b>Airline Industry</b>								
Passenger	110.1	117.0	111.3	115.3	109.1	114.0	110.1	103.1
Freight	102.2	107.7	116.2	111.3	108.3	107.6	126.6	131.7
<b>Total</b>	<b>109.0</b>	<b>115.6</b>	<b>111.1</b>	<b>114.4</b>	<b>111.7</b>	<b>117.1</b>	<b>111.4</b>	<b>104.4</b>
<b>Larger Transport Industries<sup>1</sup></b>								
Freight	98.1	99.2	101.5	104.0	110.0	117.1	124.2	120.4
Passenger	110.1	117.0	111.3	115.3	109.1	114.0	110.1	103.1
<b>Total</b>	<b>101.6</b>	<b>104.4</b>	<b>104.6</b>	<b>107.4</b>	<b>110.1</b>	<b>117.2</b>	<b>119.4</b>	<b>114.5</b>
<b>VIA Rail</b>								
Corridor	113.2	121.6	127.1	134.7	97.6	101.1	106.2	110.9
Long Haul	108.5	108.8	116.4	119.9	109.8	109.5	107.1	106.9
Remote-regional	111.8	119.4	128.2	132.8	98.3	99.8	96.0	94.1
<b>Total</b>	<b>111.3</b>	<b>117.1</b>	<b>123.2</b>	<b>129.4</b>	<b>101.6</b>	<b>104.0</b>	<b>106.8</b>	<b>109.4</b>
<b>Transit</b>								
Passenger	102.0	106.4	109.9	112.9	106.2	109.3	108.0	113.1
<b>Total</b>	<b>102.0</b>	<b>106.3</b>	<b>109.5</b>	<b>112.6</b>	<b>106.2</b>	<b>109.9</b>	<b>109.5</b>	<b>113.9</b>
<b>Total Transport</b>								
Business carriers	101.6	104.4	104.6	107.4	110.1	117.2	119.4	114.5
Public carriers	102.9	107.3	110.8	114.2	105.7	109.3	109.2	113.5
<b>Total</b>	<b>101.6</b>	<b>104.6</b>	<b>104.9</b>	<b>107.8</b>	<b>109.9</b>	<b>116.7</b>	<b>118.8</b>	<b>114.5</b>
<b>Business Economy</b>	<b>100.7</b>	<b>104.7</b>	<b>105.8</b>	<b>106.7</b>	<b>111.7</b>	<b>118.7</b>	<b>120.2</b>	<b>124.3</b>

<sup>1</sup> CN and CPR, and the trucking and airline industries.

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

**TABLE A2-60: EFFICIENCY INDICATORS, TRANSPORT INDUSTRIES, 1996 – 2002**

	<i>Productivity (Annual per cent increase)</i>				<i>Unit Costs (Annual per cent increase)</i>			
	1996/00	2000/2001	2001/02	1996/02	1996/00	2000/2001	2001/02	1996/02
<b>CN and CPR</b>								
Labour	9.2	4.0	6.5	7.9	(5.2)	(2.0)	(4.7)	(4.6)
Fuel	6.7	(0.8)	(1.7)	4.0	(1.1)	3.9	(9.4)	(1.7)
Capital	4.1	0.4	2.8	3.3	(2.2)	0.0	(0.2)	(1.5)
<b>Total</b>	<b>7.1</b>	<b>0.9</b>	<b>2.4</b>	<b>5.3</b>	<b>(4.2)</b>	<b>0.4</b>	<b>(2.0)</b>	<b>(3.1)</b>
<b>Trucking Industry</b>								
Labour	2.4	2.7	(1.5)	1.8	0.3	(0.8)	5.1	0.9
Fuel	2.8	(2.8)	(6.2)	0.3	3.8	1.9	(0.4)	2.8
Capital	(3.3)	9.9	(0.4)	(0.7)	1.4	0.4	2.6	1.4
<b>Total</b>	<b>1.4</b>	<b>0.7</b>	<b>(1.8)</b>	<b>0.7</b>	<b>0.6</b>	<b>1.7</b>	<b>3.1</b>	<b>1.2</b>
<b>Airline Industry</b>								
Labour	(1.3)	10.2	(1.6)	0.5	2.3	9.1	1.9	3.3
Fuel	2.5	(0.9)	6.1	2.5	5.8	(6.1)	(17.7)	(0.5)
Capital	(0.7)	24.9	8.6	4.7	1.9	(9.7)	(6.7)	(1.6)
<b>Total</b>	<b>(1.2)</b>	<b>7.4</b>	<b>0.1</b>	<b>0.4</b>	<b>4.0</b>	<b>(0.5)</b>	<b>(1.1)</b>	<b>2.4</b>
<b>Major Transport Industries<sup>1</sup></b>								
Labour	2.8	4.7	(0.3)	2.6	(0.3)	1.3	2.7	0.4
Fuel	3.3	(1.8)	(1.4)	1.6	3.9	(1.2)	(8.1)	0.9
Capital	0.0	11.8	3.4	2.4	0.4	(3.3)	(1.3)	(0.5)
<b>Total</b>	<b>1.6</b>	<b>3.0</b>	<b>(0.5)</b>	<b>1.5</b>	<b>0.8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.8</b>
<b>Via Rail</b>								
Labour	2.9	(3.5)	(0.6)	1.2	(1.4)	2.9	4.0	0.2
Fuel	1.3	0.2	1.8	1.2	1.7	24.2	(9.5)	3.1
Capital	10.2	(7.5)	(8.9)	3.7	(5.0)	6.3	4.9	(1.6)
<b>Total</b>	<b>3.6</b>	<b>(2.6)</b>	<b>(1.3)</b>	<b>1.7</b>	<b>(2.0)</b>	<b>3.5</b>	<b>1.4</b>	<b>(0.6)</b>
<b>Transit</b>								
Labour	0.7	0.4	(1.6)	0.2	(1.6)	4.9	1.5	0.0
Fuel	(1.7)	3.0	1.3	(0.4)	3.1	4.5	(2.0)	2.5
Capital	(0.9)	(0.8)	2.2	(0.4)	3.3	(1.0)	(0.1)	2.0
<b>Total</b>	<b>0.1</b>	<b>(0.2)</b>	<b>(3.7)</b>	<b>(0.6)</b>	<b>0.4</b>	<b>2.7</b>	<b>4.8</b>	<b>1.5</b>
<b>Total Transport</b>								
Business Carriers	1.6	3.0	(0.5)	1.5	(0.5)	1.8	2.6	0.4
Public Carriers	0.5	(0.4)	(3.5)	(0.4)	3.8	(0.8)	(7.8)	1.0
<b>Total</b>	<b>0.0</b>	<b>9.3</b>	<b>3.0</b>	<b>2.0</b>	<b>0.9</b>	<b>(2.8)</b>	<b>(1.0)</b>	<b>(0.1)</b>

<sup>1</sup> CN and CPR, and the trucking and airline industries.

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

**TABLE A2-61: COST STRUCTURE OF TRANSPORT INDUSTRIES, 1996 – 2002 (AS A PERCENTAGE OF TOTAL COSTS)**

	1996	2000	2001	2002	1996	2000	2001	2002	1996	2000	2001	2002
	<i>Larger Transport Industries<sup>1</sup></i>				<i>Public Carriers</i>				<i>Total Carriers</i>			
Variable	81.8	82.2	83.1	83.2	72.8	69.8	70.8	71.9	80.6	80.8	81.7	81.8
Labour	39.0	37.3	37.9	38.7	50.6	47.2	48.0	46.8	40.5	38.4	39.1	39.7
Fuel	12.0	13.6	13.2	12.0	5.0	5.6	5.7	5.4	11.0	12.6	12.3	11.2
Other	30.9	31.4	32.0	32.6	17.3	17.0	17.0	19.8	29.1	29.8	30.3	31.0
Capital	18.2	17.8	16.9	16.8	27.2	30.2	29.2	28.1	19.4	19.2	18.3	18.2

<sup>1</sup> CN and CPR and the trucking and airline industries.

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



TABLE A2-62: FINANCIAL PERFORMANCE OF TRANSPORTATION INDUSTRIES, 2000 – 2002

	2000	2001	2002
	<i>(Millions of dollars unless otherwise specified)</i>		
<b>CN and CPR – Canadian Operations</b>			
Operating Revenues	6,825	6,867	6,914
Operating Expenses	5,479	5,548	5,425
Net Income	1,347	1,319	1,489
Operating Ratio <sup>1</sup>	80.3	80.8	78.5
<b>Regional Railways<sup>2</sup></b>			
Operating Revenues	499	479	486
Operating Expenses	449	443	412
Net Income	50	36	74
Operating Ratio <sup>1</sup>	89.9	92.5	84.8
<b>Shortline railways<sup>3</sup></b>			
Operating Revenues	282	329	338
Operating Expenses	242	287	310
Net Income	40	42	27
Operating Ratio <sup>1</sup>	85.8	87.3	91.9
<b>Trucking Industry</b>			
Operating Revenues	18,062	19,894	19,700
Operating Expenses	17,058	18,737	18,507
Net Income	1,004	1,157	1,193
Operating Ratio <sup>1</sup>	94.4	94.2	93.9
<b>Air Canada<sup>4</sup></b>			
Operating Revenues	9,296	9,611	9,826
Operating Expenses	9,035	10,342	10,044
Net Income	261	(731)	(218)
Operating Ratio <sup>1</sup>	97.2	107.6	102.2
<b>West Jet</b>			
Operating Revenues	333	478	504
Operating Expenses	279	419	432
Net Income	53	59	71
Operating Ratio <sup>1</sup>	83.9	87.6	85.8
<b>VIA Rail</b>			
Operating Revenues	222.1	240.2	258.3
Operating Subsidies	165.0	159.0	149.9
Total Costs	493.8	513.3	524.3
Cost Recovery Ratio <sup>5</sup>	45.0	46.8	49.3
<b>Transit Industry</b>			
Operating Revenues	2,000.1	2,052.6	2,196.5
Operating Subsidies	1,512.1	1,626.8	1,657.3
Total Costs	4,423.8	4,528.9	4,937.2
Cost Recovery Ratio <sup>5</sup>	45.2	45.3	44.5

1 Operating Revenues/Operating Expenses.

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 2000 results include Canadian Airlines from July to December.

5 Operating Revenues/Total Costs.

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

## 2 TRANSPORTATION AND THE ECONOMY

**TABLE A2-63: PERSONAL EXPENDITURES ON TRANSPORTATION, 2003**

(Millions of dollars)

	<i>2003</i>	<i>Per cent of Total</i>
New Automobiles	17,518	17.0
Used motor vehicles (net)	7,525	7.3
New trucks and vans	16,489	16.0
Bicycles and motorcycles	3,661	3.6
Boats, aircraft and accessories	2,820	2.7
<b>New and Used Transportation Equipment</b>	<b>48,013</b>	<b>46.6</b>
<b>Transportation Fuels and Lubricants</b>	<b>21,902</b>	<b>21.3</b>
Motor vehicle parts and accessories	6,873	6.7
Motor vehicle maintenance and repairs	7,275	7.1
<b>Repair and Maintenance Expenditures</b>	<b>14,148</b>	<b>13.7</b>
Driving licences, lessons and tests	487	0.5
Motor vehicle renting	778	0.8
Auto insurance	4,416	4.3
Bridge and highway tolls	360	0.3
Parking	920	0.9
<b>Other Motor Vehicle Related Services</b>	<b>6,961</b>	<b>6.8</b>
Urban transit	2,201	2.1
Railway transport	209	0.2
Interurban bus	781	0.8
Air transport	6,303	6.1
Water transport	307	0.3
Taxis	601	0.6
Moving and storage	893	0.9
Commissions paid to tour operators	687	0.7
<b>Commercial Transportation</b>	<b>11,982</b>	<b>11.6</b>
<b>Total Personal Expenditures on Transportation</b>	<b>103,006</b>	<b>100.0</b>

Source: Statistics Canada National Income and Expenditure Accounts Division

TABLE A3-1: GROSS AND NET EXPENDITURES ON TRANSPORTATION BY GOVERNMENTS

	(Millions of dollars)										
	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004 <sup>F</sup>	
Transport Canada	2,977	3,448	2,437	2,428	1,415	1,252	1,233	1,529	1,352	1,412	
Operating Expenses <sup>1,2</sup>	1,714	2,337	1,118	567	555	561	578	682	682	663	
Capital	505	297	273	106	79	73	73	111	56	65	
Grants & Contributions <sup>2</sup>	757	814	1,046	1,756	782	618	583	737	615	684	
Other Federal Departments/Agencies <sup>3</sup>	1,289	1,277	1,045	1,020	893	740	777	828	1,165	1,253	
Operating and Capital Expenses	292	793	800	797	737	712	750	767	1,017	1,132	
Grants & Contributions	997	484	244	223	156	28	27	61	148	121	
Total Federal Expenses	4,265	4,725	3,481	3,449	2,308	1,992	2,010	2,357	2,518	2,666	
Provincial/Territorial Expenditures											
O & M	2,829	2,790	2,652	2,700	2,789	2,751	2,888	2,610	2,823	N/A	
Capital	2,661	2,933	2,757	2,669	2,940	3,246	3,250	3,248	3,690	N/A	
Transfer Payments	2,420	2,376	2,121	2,243	2,485	3,026	1,458	1,759	1,661	N/A	
Gross Expenditures	7,910	8,099	7,530	7,611	8,214	9,023	7,596	7,617	8,174	N/A	
Federal Transfers	291	340	322	626	220	162	120	133	168	N/A	
Expenditures Net of Transfers	7,619	7,759	7,208	6,985	7,994	8,861	7,476	7,484	8,006	N/A	
Local Expenditures <sup>4</sup>											
Roads	6,334	6,712	6,261	6,578	6,301	6,576	7,248	7,314	7,587	N/A	
Transit	1,642	1,690	1,675	1,772	2,208	2,128	1,934	1,768	1,707	N/A	
Other	102	123	116	156	132	138	169	207	250	N/A	
Gross Expenditures	8,079	8,525	8,051	8,507	8,641	8,842	9,350	9,289	9,544	N/A	
Federal Transfers	87	169	120	127	87	52	43	42	45	N/A	
Provincial Transfers <sup>5</sup>	1,392	1,336	1,113	1,225	1,530	1,324	832	994	663	N/A	
Expenditures Net of Transfers	6,600	7,020	6,818	7,155	7,024	7,466	8,475	8,254	8,737	N/A	
Consolidated Expenses by All Levels of Government	18,484	19,504	17,508	17,589	17,326	18,319	17,961	18,095	19,361	N/A	
Transport Canada Revenues <sup>6</sup>	1,021	1,211	1,359	991	663	386	352	371	423	326	
Other Federal Departments/Agencies Revenues <sup>7</sup>	4	15	31	40	42	46	45	37	460	440	
Government Tax Revenues from Transport Users <sup>8</sup>	11,180	11,750	11,937	12,528	13,200	13,335	13,214	13,309	13,979	N/A	

N/A = Not available.

1 Includes in 1995/96 \$999.8 million to reduce the value of the CN debt to the Public Accounts of Canada and excludes in 2002/03 transfers of \$24 million to Crown Corporations non involved in transport.

2 Transfers to Crown Corporations other than to Champlain and Jacques Cartier Bridges were added as grant and contributions.

3 Large increases in 2002/03 related to the creation of the Canadian Airport Security Agency.

4 Calendar year basis, net of transfers from federal and provincial governments. Revisions of more than \$1 billion in 2001/02.

5 Estimated transfers as reported by provincial governments.

6 Includes revenues credited to Transport Canada and the Consolidated Revenue Fund.

7 Includes revenues credited to Fisheries and Oceans and the Consolidated Revenue Fund.

8 From Table A3-4.

F Forecast as of January 31, 2004, for full year.

Sources: Sources: Main Estimates/Public Accounts of the Government of Canada; Transport Canada, Finance Directorate; the Canadian Transportation Agency; internal reports from several agencies and federal departments provincial/territorial departments of transportation; Statistics Canada, Public Institutions Division, unpublished data

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-2: FEDERAL OPERATING, MAINTENANCE AND CAPITAL EXPENDITURES, 1996/97 – 2003/04

		(Millions of dollars)							
		1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03	2003/04 <sup>F</sup>
<b>Operations</b>		<b>1,833</b>	<b>1,032</b>	<b>929</b>	<b>907</b>	<b>935</b>	<b>989</b>	<b>938</b>	<b>927</b>
<b>Airports</b>	<b>Total</b>	<b>396</b>	<b>186</b>	<b>140</b>	<b>123</b>	<b>92</b>	<b>75</b>	<b>56</b>	<b>65</b>
	O&M	274.8	131.3	101.5	72.5	57.2	45.4	38.1	36.1
	Capital	121.3	54.5	38.8	50.7	34.5	29.8	17.9	29.4
<b>Air Navigation Systems</b>	<b>Total</b>	<b>554</b>	-	-	-	-	-	-	-
	O&M	439.6	-	-	-	-	-	-	-
	Capital	114.1	-	-	-	-	-	-	-
<b>Aircraft Services</b>	<b>Total</b>	<b>59</b>	<b>56</b>	<b>64</b>	<b>51</b>	<b>70</b>	<b>59</b>	<b>57</b>	<b>62</b>
	O&M	52.4	53.8	54.7	47.4	48.9	56.4	53.0	54.8
	Capital	6.3	2.0	9.4	3.3	21.4	2.7	3.8	6.8
<b>Coast Guard (DFO)</b>	<b>Total</b>	<b>540</b>	<b>523</b>	<b>471</b>	<b>480</b>	<b>496</b>	<b>520</b>	<b>498</b>	<b>521</b>
<b>Ports and Harbours</b>	<b>Total</b>	<b>96</b>	<b>88</b>	<b>86</b>	<b>99</b>	<b>107</b>	<b>117</b>	<b>120</b>	<b>121</b>
Small Fishing Ports and Harbours (DFO)	Total	58.3	59.9	58.1	63.7	79.3	82.5	94.6	91.5
Ports and Harbours (TC)	O&M	25.8	26.6	23.3	27.9	24.0	28.3	23.0	24.5
Ports and Harbours (TC)	Capital	11.7	1.9	4.2	7.6	3.4	6.3	2.2	5.4
<b>Total Roads</b>	<b>Total</b>	<b>175</b>	<b>169</b>	<b>156</b>	<b>141</b>	<b>159</b>	<b>208</b>	<b>195</b>	<b>145</b>
Jacques Cartier & Champlain Bridges	Total	27.9	25.6	23.7	28.0	33.8	92.9	80.1	33.3
Other-TC	Total	-	10.2	4.1	3.5	3.4	4.4	6.9	5.9
Indian and Northern Affairs	Total	53.5	62.2	57.4	48.5	57.9	44.7	51.1	51.1
PWGSC	Total	58.5	42.9	43.0	30.0	34.6	31.6	35.0	30.6
Parks Canada	Total	31.7	24.8	10.3	12.5	22.5	22.5	15.9	15.9
National Capital Commission	Total	3.1	3.6	17.6	18.6	17.2	11.7	5.6	8.5
<b>Research and Development</b>	<b>Total</b>	<b>14</b>	<b>10</b>	<b>12</b>	<b>13</b>	<b>11</b>	<b>10</b>	<b>13</b>	<b>12</b>
<b>Safety, Security and Policy</b>	<b>Total</b>	<b>249</b>	<b>335</b>	<b>346</b>	<b>342</b>	<b>354</b>	<b>446</b>	<b>686</b>	<b>809</b>
	O&M	278.4	302.8	326.9	336.7	350.9	387.7	582.6	690.1
	Capital	5.6	31.8	19.4	5.8	3.4	58.5	103.4	119.1
<b>Canadian Air Transport Security Authority<sup>1</sup></b>	<b>Total</b>							<b>259</b>	<b>354</b>
	O&M							170.3	248.3
	Capital							89.2	105.9
<b>Air Safety and Policy</b>	<b>Total</b>	<b>110</b>	<b>113</b>	<b>126</b>	<b>142</b>	<b>154</b>	<b>161</b>	<b>167</b>	<b>186</b>
Air Safety	Total	105.4	109.3	121.4	136.9	148.5	155.5	161.3	173.0
Aviation Tribunal	Total	1.0	0.9	0.9	0.9	1.3	1.5	1.3	1.3
Air Policy and Analyses	Total	3.3	3.3	3.5	3.8	3.8	4.1	4.3	12.1
<b>Marine Safety and Policy</b>	<b>Total</b>	<b>6</b>	<b>66</b>	<b>54</b>	<b>48</b>	<b>49</b>	<b>56</b>	<b>59</b>	<b>60</b>
Marine Safety	Total	1.4	36.6	37.7	42.8	43.8	51.1	52.9	51.9
Marine Policy and Analyses	Total <sup>2</sup>	4.6	29.7	16.5	4.7	4.9	5.2	5.7	7.7
<b>Rail and Road Safety and Policy</b>	<b>Total</b>	<b>36</b>	<b>37</b>	<b>40</b>	<b>39</b>	<b>40</b>	<b>46</b>	<b>53</b>	<b>49</b>
Rail Safety	Total	12.5	12.5	13.1	13.4	14.8	16.6	18.0	17.0
Rail Policy and Analyses	Total	1.2	1.6	2.2	2.3	1.5	2.8	4.2	2.6
Road Safety	Total	20.3	19.8	21.9	20.4	20.5	23.5	26.4	25.0
Road Policy and Analyses	Total	2.2	2.6	2.8	2.9	3.1	3.4	4.0	3.9
<b>Multimodal Safety and Policy</b>	<b>Total</b>	<b>97</b>	<b>118</b>	<b>126</b>	<b>114</b>	<b>112</b>	<b>183</b>	<b>148</b>	<b>160</b>
Multimodal Safety	Total	5.1	7.5	7.0	11.0	8.2	10.9	8.2	8.5
Multimodal Policy & Analyses	Total	20.3	11.5	15.8	16.8	18.5	19.6	20.6	27.2
Environment	Total	-	-	4.6	5.9	9.9	13.0	18.9	19.3
Canadian Transport Agency	Total	31.0	57.0	21.4	19.1	21.5	22.6	24.1	24.0
Canadian Transport Safety Board	Total	23.0	23.0	57.0	39.0	30.0	30.0	32.0	34.0
Security and Emergency Preparedness <sup>3</sup>	Total	10.2	10.7	10.2	11.5	13.4	74.4	32.1	35.3
Dangerous Goods	Total	7.4	8.6	10.4	11.0	10.8	12.1	12.4	12.3
<b>Corporate Services of Transport Canada</b>	<b>Total</b>	<b>109</b>	<b>103</b>	<b>95</b>	<b>96</b>	<b>111</b>	<b>124</b>	<b>131</b>	<b>124</b>
	O&M	95.4	87.9	88.6	90.8	100.7	110.3	115.2	113.3
	Capital	14.0	15.3	6.7	5.6	10.1	13.3	15.4	10.6
<b>Total</b>		<b>2,191</b>	<b>1,470</b>	<b>1,370</b>	<b>1,346</b>	<b>1,400</b>	<b>1,559</b>	<b>1,759</b>	<b>1,860</b>
Transport Canada	O&M	1,117.9	567.3	555.1	560.7	577.5	681.6	681.7	662.7
	Capital	273.1	105.5	78.5	73.0	72.9	110.6	55.5	65.4
	Total	1,391.0	672.8	633.6	633.7	650.4	792.2	737.2	728.1
Department of Fisheries and Oceans	Total	598.5	582.7	529.1	543.9	574.8	602.5	592.6	612.8
Other Federal Agencies and Departments	Total	201.8	214.4	207.6	168.6	174.9	164.6	424.5	519.6

Note: DFO: Department of Fisheries and Oceans; TC: Transport Canada; PWGSC: Public Works and Government Services Canada; O&M: Operating and Maintenance. Figures may vary from previous reports, as adjustments have been made. Rows in bold refer to rows in Table 3-2 of the Annual Report.

<sup>1</sup> Cash expenditures.

<sup>2</sup> Includes payments towards the purchase of a ferry ship in 1997/98 and 1998/99.

<sup>3</sup> Larger expenses in 2000/01 related to the purchase of explosives detection equipment.

F Planned and/or estimated.

Source: Main Estimates and Public Accounts of the federal departments concerned

TABLE A3-3: DIRECT FEDERAL SUBSIDIES, GRANTS AND CONTRIBUTIONS BY MODE, 1996/97 – 2003/04

	(Millions of dollars)							
	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03	2003/04 <sup>F</sup>
<b>Air Mode</b>	<b>331</b>	<b>747</b>	<b>263</b>	<b>40</b>	<b>49</b>	<b>177</b>	<b>63</b>	<b>50</b>
Airport Assistance: O&M and Capital	35.2	46.2	45.0	38.7	46.8	50.6	35.3	39.7
Non-National Airport System: O&M	4.7	3.3	2.8	2.2	2.1	2.2	1.8	2.9
Non-National Airport System: Capital	16.3	16.7	12.3	10.0	1.1	0.1	-	-
Airport Capital Assistance Program	9.4	21.2	28.6	20.2	38.6	43.3	32.4	33.4
Local Airports and Special Capital Contribution	1.9	4.3	1.4	6.3	5.0	5.1	1.2	3.4
Strategic Investment Initiatives - Airports	2.9	0.7	-	-	-	-	-	-
NAV CANADA	291.7	685.8	215.8	-	-	-	-	-
Airline Assistance <sup>1</sup>						99.3	25.4	6.0
Enhanced Security at Airports						24.6	-	1.0
Other <sup>2</sup>	3.9	15.3	2.5	1.6	1.8	2.9	2.7	3.3
<b>Marine Mode</b>	<b>148</b>	<b>137</b>	<b>81</b>	<b>170</b>	<b>150</b>	<b>115</b>	<b>109</b>	<b>151</b>
Payments to Marine Atlantic	97.2	91.3	29.1	114.8	38.6	36.8	46.4	41.6
Ports Canada	2.5	0.7	10.4	-	-	-	-	-
Port Funding <sup>3</sup>	0.1	4.8	6.7	22.0	45.4	21.6	22.1	69.7
Ferry/Coastal Services	43.3	34.5	32.0	31.8	30.8	31.7	32.2	32.0
Ferry Services in British Columbia	21.8	21.9	22.0	22.0	22.5	23.0	23.4	24.0
Other Ferry and Coastal Services	21.5	12.6	9.9	9.8	8.3	8.7	8.8	8.0
Regional Development Agencies	4.5	5.3	3.3	1.8	13.5	24.9	8.5	7.9
Other <sup>1,4</sup>	0.9	0.8	-	-	21.5	0.1	0.0	0.0
<b>Rail Mode</b>	<b>267</b>	<b>254</b>	<b>237</b>	<b>206</b>	<b>266</b>	<b>342</b>	<b>288</b>	<b>294</b>
Hopper Car Leasing (C.W.B.)	17.1	19.0	21.0	20.0	18.2	16.4	16.0	12.9
Payments to VIA Rail	235.8	216.2	200.5	170.3	231.6	310.2	255.7	264.2
Subsidies to Non-VIA Passenger Services	5.2	6.5	6.5	6.7	6.8	6.6	6.8	7.1
Grade Crossing Improvement	7.4	7.5	7.2	7.4	7.5	7.5	7.5	7.5
Newfoundland Supplementary Pensions	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
Other <sup>1</sup>	0.5	3.3	0.8	0.4	0.5	0.7	0.9	1.0
<b>Highway Modes</b>	<b>543</b>	<b>840</b>	<b>355</b>	<b>229</b>	<b>145</b>	<b>160</b>	<b>236</b>	<b>277</b>
Transition Programs - Elimination of ARFAA	74.8	101.5	67.9	30.6	3.4	0.8	0.9	-
Transition Programs - Road Improvement in the Prairies	2.1	1.8	1.5	2.3	0.1	-	-	-
Transition Programs - Labrador Ferry Services Buy-out	5.0	347.6	-	-	-	-	-	-
Transition Programs - Elimination of WGTA <sup>5</sup>	16.6	34.8	24.0	24.6	11.8	22.9	36.3	32.2
Sub-total - Transition Programs	98.5	485.6	93.4	57.5	15.3	23.7	37.2	32.2
Highway Agreements	91.1	77.3	91.1	100.6	62.6	69.0	67.9	48.4
Strategic Investment Initiatives	109.9	74.9	34.8	6.6	0.2	-	33.5	74.0
Infrastructure Program - Treasury Board	221.8	140.1	81.7	-	-	7.4	34.8	57.5
Fixed Link - Confederation Bridge	13.3	52.6	44.3	46.1	47.2	48.6	49.2	50.6
Fixed Link - Public Works and Government Services Canada	-	37.8	43.0	-	-	-	-	-
Fixed Link - Finance (escalation clause)	-	-	1.0	-	-	-	-	-
Fixed Link - Transport Canada Contribution	13.3	14.8	0.3	46.1	47.2	48.6	49.2	50.6
Tolls on Victoria Bridge	4.2	4.0	5.0	13.4	11.7	3.1	3.3	3.3
National Safety Code	3.9	4.5	4.0	3.9	7.0	5.6	6.3	5.9
Regional Development Agencies	0.2	0.5	0.2	0.1	0.2	0.1	0.2	0.0
Other <sup>6</sup>	0.3	0.6	0.7	1.2	1.2	2.3	3.5	5.5
<b>Transit Services</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.3</b>	<b>66.3</b>	<b>31.5</b>
<b>Other, n.e.s</b>	<b>0.1</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>	<b>0.5</b>	<b>0.9</b>	<b>0.6</b>	<b>1.6</b>
<b>Total</b>	<b>1,289.9</b>	<b>1,978.8</b>	<b>937.5</b>	<b>646.3</b>	<b>609.8</b>	<b>797.8</b>	<b>763.3</b>	<b>805.4</b>
Transport Canada	1,045.7	1,755.6	781.7	618.3	582.7	737.1	615.2	684.4
Other Federal Agencies	244.2	223.3	155.8	28.0	27.2	60.7	148.0	121.0
Infrastructure Program - Treasury Board	226.3	142.9	83.4	-	-	8.0	98.7	82.0
Other Federal Agencies	17.9	80.3	72.5	28.0	27.2	52.7	49.4	39.0

Note: Figures may vary from previous reports, as adjustments have been made. n.e.s.: not elsewhere specified.

O&M: Operating and Maintenance; MFRA: Maritime Freight Rates Act; ARFAA: Atlantic Region Freight Assistance Act; C.W.B.: Canadian Wheat Board; WGTA: Western Grain Transportation Act.

1 Cabin enhancement program of \$28 million in 2002/03 and \$6 million in 2003/04.

2 Includes Infrastructure Program.

3 Includes a grant of \$36 million in 2000/01 to the province of Quebec for the transfer of ferry wharves, and in 2003/04 a contribution of \$64 million for the payment of a loan guarantee to Ridley Terminals.

4 Includes in 2000/2001 a payment of \$21.4 million to the Port of Hamilton for the settlement of a litigation.

5 Agriculture Canada program.

6 Includes in 2002/03 and 2003/04 the estimated road and transit portion of the Toronto Waterfront Program.

F Planned and/or estimated.

Sources: Main Estimates/Public Accounts of the Government of Canada; Transport Canada and other Departments/Agencies concerned

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-4: GOVERNMENT REVENUES FROM TRANSPORT USERS, 1996/97 – 2003/04

	(Millions of dollars)							
	1996/97	1997/98	1998/99	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004 <sup>F</sup>
<b>Part A - Federal Transport Revenues</b>								
<b>Other than Fuel Taxes</b>								
Air Transportation Tax <sup>1</sup>	1,390	1,032	705	431	397	408	883	766
Airports - Leases	737.2	741.8	294.8	2.9	-	-	-	-
Other Airport Fees	64.6	64.7	190.2	214.5	219.3	248.3	299.6	215.7
Air Safety Fees	260.1	95.7	76.4	56.7	30.3	15.9	19.2	11.6
Overflight Fees	7.0	5.5	10.4	12.5	13.2	12.1	13.1	10.7
Aircraft Services	190.0	-	-	-	-	-	-	-
Airport Security Fee <sup>2</sup>	25.8	30.2	28.4	27.1	27.5	33.7	26.0	25.4
Canadian Coast Guard Services <sup>3</sup>							421.0	400.0
DFO - Small Ports	27.3	37.3	39.9	43.7	43.4	35.5	37.0	38.2
Harbour Fees	3.4	2.9	2.3	2.1	1.9	1.8	1.7	1.6
Marine Safety Fees	18.7	19.1	16.9	17.6	11.2	14.3	11.5	12.3
Port Authorities' Returns <sup>4</sup>	7.1	7.5	8.3	8.8	9.2	7.6	8.5	7.9
Road Safety Fees	5.8	5.0	5.4	7.1	5.9	10.4	9.8	10.4
Sale of Assets <sup>4</sup>	0.3	0.3	0.3	0.3	0.4	-	-	2.4
Leases of Hopper Cars <sup>4</sup>	17.2	3.0	2.7	6.8	9.5	5.3	5.0	2.6
Other Fees & Recoveries <sup>5</sup>	-	12.1	12.2	13.0	13.6	13.9	15.4	12.0
Transport Canada	25.3	6.4	17.1	18.3	11.8	9.1	15.1	15.3
Other Federal Departments	1,359.0	991.4	663.0	385.6	351.8	370.5	423.2	326.3
	30.7	40.2	42.2	45.8	45.3	37.3	459.7	439.8
<b>Part B - Other Government Revenues from Transport Users</b>								
Federal Fuel Taxes	4,439	4,625	4,742	4,786	4,807	4,758	5,014	
Public and Non-Transport Use <sup>6,7</sup>	440	453	428	440	445	437	424	
Road Use <sup>7</sup>	3,806	3,972	4,117	4,138	4,142	4,109	4,396	
Other Modes <sup>7</sup>	192	200	198	208	219	211	193	
Provincial/Territorial Fuel Taxes	6,410	6,580	6,830	6,968	6,914	6,958	7,263	
Sales Tax Equivalent <sup>7,8</sup>	708	629	585	668	799	777	793	
Net Road Taxes <sup>7</sup>	5,397	5,650	5,957	5,993	5,805	5,894	6,184	
Other Modes <sup>7</sup>	306	300	288	307	310	287	286	
Provincial/Territorial Licenses & Fees	2,236	2,406	2,641	2,689	2,738	2,807	2,919	
Total Applicable Government Revenues from Transport Users	13,327	13,560	13,906	13,767	13,611	13,717	14,862	
<b>Part C - Net Provincial Revenues from Fuel Taxation by Province</b>								
Newfoundland and Labrador	90	115	121	123	130	131	135	
Prince Edward Island	20	21	23	26	22	21	23	
Nova Scotia	154	195	211	220	219	221	246	
New Brunswick	126	157	173	185	183	184	209	
Quebec	1,454	1,485	1,559	1,560	1,536	1,536	1,551	
Ontario	2,083	2,162	2,338	2,338	2,220	2,285	2,488	
Manitoba	185	185	191	183	182	182	187	
Saskatchewan	325	340	321	332	303	312	309	
Alberta	545	557	546	568	581	591	604	
British Columbia <sup>9</sup>	707	716	744	752	725	700	704	
Northwest Territories <sup>10</sup>	3	4	4	4	3	4	4	
Yukon <sup>10</sup>	11	15	13	8	8	12	9	
Nunavut <sup>10</sup>	-	-	-	2	2	2	1	
Canada	5,703	5,950	6,245	6,300	6,115	6,181	6,470	
<b>Part D - Net Revenues from Provincial/Territorial Licenses and Fees by Province and Territory</b>								
Newfoundland and Labrador	47	52	53	54	52	55	56	
Prince Edward Island	9	9	10	11	11	11	12	
Nova Scotia	49	45	50	50	51	65	71	
New Brunswick	65	65	68	73	76	73	79	
Quebec	583	735	839	844	831	860	879	
Ontario	832	799	903	918	962	970	987	
Manitoba	65	69	69	69	71	71	81	
Saskatchewan	95	98	108	113	114	118	119	
Alberta	186	194	208	215	221	230	278	
British Columbia	298	334	328	335	342	346	350	
Northwest Territories	3	3	3	3	3	4	3	
Yukon	4	3	2	3	3	3	3	
Nunavut	-	-	-	1	1	1	1	
Canada	2,236	2,406	2,641	2,689	2,738	2,807	2,919	

DFO = Department of Fisheries and Oceans

1 Since 1996/97, the proceeds of the Air Transportation Tax have been credited to the Consolidated Revenue Fund.

2 Accrual basis.

3 In 1994/95, the proceeds of the Coast Guard were credited to Transport Canada.

4 Includes port stipends credited to the Consolidated Revenue Fund.

5 Includes inter- and intra-departmental transfers for services and various regulatory, licensing and administrative fees credited to either Transport Canada or the Consolidated Revenue Fund.

6 Includes tax revenues from fuel used by Public Administrations and for non-transport purposes.

7 Transport Canada estimates (Revised).

8 Includes the revenues from fuel tax surcharges to fund public transit systems.

9 Estimates based on taxable consumption and tax rates in the territories.

10 Provincial and Territorial estimates adjusted to national totals.

F Planned and/or estimated.

Sources: Transport Canada; Fisheries and Oceans Canada; provincial/territorial departments of transportation; Statistics Canada, Public Institution Divisions.

TABLE A3-5: TRANSPORT EXPENDITURES/REVENUES BY MODE AND LEVEL OF GOVERNMENT, 1996/97 – 2003/04

	(Millions of dollars)							
	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03	2003/04 <sup>F</sup>
<b>Federal Operation, Maintenance, Capital and Subsidies<sup>1</sup></b>								
Air	1,449	1,102	594	356	364	473	603	718
Marine	790	815	692	797	801	808	786	853
Rail	281	268	252	222	282	362	310	313
Road	740	1,032	536	394	328	394	461	452
Transit						2	66	32
Other	220	232	234	224	235	318	292	298
Sub-total	3,481	3,449	2,308	1,992	2,010	2,357	2,518	2,666
<b>Provincial /Territorial Expenditures Net of Federal Transfers<sup>2</sup></b>								
Air	96	76	75	66	78	77	68	N/A
Marine	73	79	108	1,246	165	169	190	N/A
Rail	10	2	2	5	21	27	31	N/A
Road	5,495	5,281	5,821	6,659	6,327	6,039	6,503	N/A
Transit	1,376	1,384	1,797	678	665	928	926	N/A
Other	158	163	191	206	222	245	290	N/A
Sub-total	7,208	6,985	7,994	8,861	7,476	7,484	8,006	N/A
<b>Local Expenditures Net of Federal and Provincial Transfers<sup>2</sup></b>								
Road	5,453	5,642	5,604	5,385	6,550	6,583	6,959	N/A
Transit	1,250	1,357	1,288	1,943	1,757	1,463	1,627	N/A
Other	116	156	132	138	169	207	250	N/A
Sub-total	6,818	7,155	7,024	7,466	8,475	8,254	8,837	N/A
<b>Total Expenses: All Government Levels</b>								
Air	1,545	1,178	669	422	442	549	670	N/A
Marine	863	894	800	2,044	966	977	975	N/A
Rail	291	270	254	227	303	389	341	N/A
Road	11,688	11,955	11,961	12,438	13,205	13,016	13,923	N/A
Transit	2,626	2,741	3,085	2,621	2,421	2,394	2,619	N/A
Other	494	552	557	568	625	770	833	N/A
Sub-total	17,508	17,589	17,326	18,319	17,961	18,095	19,361	N/A
<b>Government Revenues from Transport Users<sup>3</sup></b>								
Road Users	11,439	12,029	12,715	12,820	12,686	12,811	13,499	N/A
Other Modes	1,862	1,525	1,178	933	918	902	1,352	N/A
Multimodal	25	6	12	14	8	4	10	N/A
<b>Total</b>	<b>13,327</b>	<b>13,560</b>	<b>13,906</b>	<b>13,767</b>	<b>13,611</b>	<b>13,717</b>	<b>14,862</b>	<b>N/A</b>

N/A = Not available

Figures may vary from previous reports, as adjustments have been made.

1 See details of tables A3-2 and A3-3.

2 See detail of Figure 3-1 in the annual report.

3 See details of Table A3-4.

F Planned and/or estimated.

Source: Transport Canada, Fisheries and Oceans Canada, provincial/territorial departments of transportation

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: DISTRIBUTION OF PROVINCIAL/TERRITORIAL AND LOCAL TRANSPORT EXPENDITURES BY PROVINCE, 1990/91 – 2002/03

Provincial and Local Expenditures in Transport (Millions of dollars)													
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03
Newfoundland and Labrador	265	205	215	202	179	151	164	(140)	226	253	294	293	252
Prince Edward Island	75	79	80	62	59	66	63	78	83	88	91	96	88
Nova Scotia	378	392	402	368	305	336	315	335	290	298	293	357	355
New Brunswick	424	420	442	412	430	435	403	419	422	434	340	378	392
Quebec	3,141	3,181	3,371	3,356	3,539	3,482	3,246	3,334	3,294	3,325	3,708	3,883	4,675
Ontario	4,674	5,020	4,858	4,952	5,265	5,586	5,284	5,493	5,653	5,366	5,351	5,180	5,698
Manitoba	516	490	499	443	499	574	532	518	563	559	528	565	588
Saskatchewan	489	435	398	381	407	438	405	463	473	515	578	619	573
Alberta	1,816	1,710	1,700	1,703	1,515	1,524	1,392	1,569	1,672	1,831	2,258	2,131	1,868
British Columbia	1,755	1,921	1,825	1,795	1,895	2,038	2,039	1,893	2,170	3,460	2,323	2,230	2,267
Northwest Territories	75	102	94	99	96	117	122	116	118	90	83	99	109
Yukon	51	44	69	57	57	58	62	60	56	57	53	54	64
Nunavut	-	-	-	-	-	-	-	-	-	50	48	42	45
<b>Canada</b>	<b>13,660</b>	<b>14,000</b>	<b>13,955</b>	<b>13,829</b>	<b>14,245</b>	<b>14,807</b>	<b>14,027</b>	<b>14,140</b>	<b>15,018</b>	<b>16,327</b>	<b>15,951</b>	<b>15,926</b>	<b>16,973</b>

Source: Source: Distribution of Provincial/Territorial (A) and Local (B) Transport Expenditures by Province, 1990/91 to 2001/02

Population by Province (Thousands)													
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03
Newfoundland and Labrador	578	580	580	579	573	566	559	552	544	540	537	533	531
Prince Edward Island	130	130	131	133	134	135	136	137	137	138	138	139	140
Nova Scotia	911	916	920	924	927	929	932	935	937	941	942	943	945
New Brunswick	741	746	749	750	751	752	753	754	754	756	756	756	758
Quebec	7,020	7,077	7,126	7,176	7,216	7,250	7,281	7,308	7,331	7,359	7,391	7,427	7,460
Ontario	10,332	10,463	10,600	10,725	10,862	10,999	11,138	11,284	11,423	11,570	11,747	11,938	12,108
Manitoba	1,107	1,110	1,114	1,120	1,125	1,131	1,135	1,137	1,139	1,144	1,147	1,150	1,153
Saskatchewan	1,006	1,003	1,005	1,008	1,011	1,015	1,020	1,023	1,025	1,025	1,021	1,016	1,011
Alberta	2,559	2,603	2,643	2,679	2,714	2,750	2,795	2,855	2,920	2,972	3,022	3,073	3,128
British Columbia	3,312	3,398	3,496	3,599	3,707	3,809	3,901	3,969	4,005	4,036	4,070	4,112	4,141
Northwest Territories	59	61	63	64	66	67	68	68	61	41	41	41	41
Yukon	28	29	30	30	30	31	32	32	31	31	30	30	30
Nunavut	-	-	-	-	-	-	-	-	-	27	28	28	29
<b>Canada</b>	<b>27,783</b>	<b>28,117</b>	<b>28,458</b>	<b>28,786</b>	<b>29,115</b>	<b>29,433</b>	<b>29,751</b>	<b>30,053</b>	<b>30,307</b>	<b>30,580</b>	<b>30,871</b>	<b>31,186</b>	<b>31,474</b>

Source: Statistics Canada, Cat. 91-203

Provincial and Local Expenditures in Transport (Dollars per capita)													
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03
Newfoundland and Labrador	458	354	371	349	313	266	293	(253)	416	469	547	549	474
Prince Edward Island	575	608	608	470	438	490	460	572	605	636	658	689	626
Nova Scotia	415	428	437	398	329	362	338	358	309	317	311	378	376
New Brunswick	571	563	590	549	573	578	535	556	560	574	450	500	518
Quebec	448	449	473	468	490	480	446	456	449	452	502	523	627
Ontario	452	480	458	462	485	508	474	487	495	464	456	434	471
Manitoba	466	442	448	396	443	508	469	456	494	489	461	491	510
Saskatchewan	487	434	396	378	402	432	397	453	461	503	566	610	567
Alberta	710	657	643	635	558	554	498	550	573	616	747	694	597
British Columbia	530	565	522	499	511	535	523	477	542	857	571	542	548
Northwest Territories	1,261	1,668	1,501	1,547	1,470	1,755	1,799	1,720	1,946	2,190	2,031	2,392	2,627
Yukon	1,823	1,518	2,287	1,876	1,899	1,868	1,945	1,883	1,785	1,853	1,753	1,791	2,140
Nunavut	-	-	-	-	-	-	-	-	-	1,867	1,729	1,485	1,584
<b>Canada</b>	<b>492</b>	<b>498</b>	<b>490</b>	<b>480</b>	<b>489</b>	<b>503</b>	<b>471</b>	<b>471</b>	<b>496</b>	<b>534</b>	<b>517</b>	<b>511</b>	<b>539</b>

Source: Transport Canada



TABLE A3-6: CONTINUED

Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03  
(Millions of dollars)

Air Mode	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000	2000/01	2001/02	2002/03
<b>Newfoundland and Labrador</b>													
Provincial Expenditures (O & M & Capital)	8.2	11.1	10.9	11.6	11.5	12.2	16.5	8.5	8.9	10.9	11.2	12.7	11.4
Provincial Transfer Payments	1.0	-	-	-	-	-	-	0.3	0.4	0.4	0.4	0.4	0.4
Provincial Expenditures	9.2	11.1	10.9	11.6	11.5	12.2	16.5	8.8	9.3	11.3	11.6	13.1	11.8
Federal Transfers to Provinces	(1.8)	(1.6)	(1.5)	(1.5)	(1.1)	(1.2)	(1.1)	(0.6)	(0.6)	(0.7)	-	(0.1)	(0.6)
Net Provincial Expenditures	7.4	9.5	9.4	10.1	10.4	11.0	15.4	8.2	8.7	10.6	11.6	13.0	11.3
<b>Quebec</b>													
Provincial Expenditures (O & M & Capital)	39.0	27.7	13.8	8.6	8.6	4.8	3.4	0.8	0.7	3.8	10.5	11.3	7.2
Provincial Transfer Payments	3.8	4.1	0.9	0.9	0.6	1.3	2.5	2.8	1.8	2.0	2.2	1.9	1.6
Provincial Expenditures	42.8	31.8	14.7	9.5	9.2	6.1	5.9	3.6	2.5	5.8	12.7	13.2	8.8
Federal Transfers to Provinces	(8.8)	(4.3)	(8.0)	(0.8)	-	-	-	-	-	-	-	-	(0.8)
Net Provincial Expenditures	34.0	27.5	6.7	8.7	9.2	6.1	5.9	3.6	2.5	5.8	12.7	13.2	7.9
<b>Ontario</b>													
Provincial Expenditures (O & M & Capital)	22.6	16.8	13.8	12.0	12.4	13.2	11.2	5.0	6.8	6.5	7.1	5.7	9.9
Provincial Transfer Payments	-	8.0	9.3	7.9	11.1	11.0	9.7	2.5	0.9	-	-	-	-
Provincial Expenditures	22.6	24.8	23.1	19.9	23.5	24.2	20.9	7.5	7.7	6.5	7.1	5.7	9.9
<b>Manitoba</b>													
Provincial Expenditures (O & M & Capital)	6.7	7.2	7.0	7.5	8.1	7.3	7.0	8.2	8.2	10.1	11.5	12.4	11.3
Provincial Transfer Payments	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.4	0.4	0.4	0.3	0.2
Provincial Expenditures	6.8	7.3	7.1	7.6	8.3	7.6	7.1	8.3	8.6	10.5	11.9	12.7	11.5
Federal Transfers to Provinces	(0.5)	(0.4)	(0.5)	(0.5)	(0.5)	(0.3)	(0.2)	(0.2)	(0.2)	(2.2)	(0.1)	(0.2)	(1.4)
Net Provincial Expenditures	6.3	6.9	6.6	7.1	7.8	7.3	6.9	8.1	8.4	8.3	11.8	12.5	10.1
<b>Saskatchewan</b>													
Provincial Expenditures (O & M & Capital)	2.6	2.2	2.3	1.6	1.4	2.0	4.2	2.3	2.2	4.7	3.7	4.6	1.4
Provincial Transfer Payments	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Provincial Expenditures	2.6	2.2	2.3	1.8	1.5	2.1	4.3	2.5	2.3	4.8	3.8	4.8	1.5
Federal Transfers to Provinces	-	-	-	-	-	(0.4)	(2.9)	(0.3)	(1.0)	(3.4)	(2.6)	(3.4)	(0.1)
Net Provincial Expenditures	2.6	2.2	2.3	1.8	1.5	1.7	1.4	2.1	1.4	1.4	1.3	1.4	1.4
<b>Alberta</b>													
Provincial Expenditures (O & M & Capital)	4.0	4.8	3.9	3.5	3.8	1.4	0.8	-	-	-	-	-	-
Provincial Transfer Payments	-	-	-	-	-	2.4	2.0	1.8	1.3	1.9	2.5	2.7	1.8
Provincial Expenditures	4.0	4.8	3.9	3.5	3.8	3.8	2.8	1.8	1.3	1.9	2.5	2.7	1.8
Federal Transfers to Provinces	(0.2)	(0.2)	(0.3)	(0.3)	(0.2)	(0.2)	-	-	-	-	-	-	-
Net Provincial Expenditures	3.8	4.6	3.6	3.2	3.6	3.6	2.8	1.8	1.3	1.9	2.5	2.7	1.8
<b>British Columbia</b>													
Provincial Expenditures (O & M & Capital)	7.6	8.1	8.7	13.6	-	-	-	-	-	-	-	-	-
Provincial Transfer Payments	3.6	3.5	0.3	0.7	2.6	2.0	1.5	1.7	1.0	0.6	0.8	1.3	-
Provincial Expenditures	11.2	11.6	8.9	14.3	2.6	2.0	1.5	1.7	1.0	0.6	0.8	1.3	-
<b>Northwest Territories</b>													
Territorial Expenditures (O & M & Capital)	13.4	17.9	21.5	20.6	26.6	44.4	38.1	38.0	37.1	16.1	20.2	18.7	22.2
Territorial Transfer Payments	2.1	2.6	2.7	-	-	-	-	-	-	-	-	-	-
Territorial Expenditures	15.5	20.5	24.3	20.6	26.6	44.4	38.1	38.0	37.1	16.1	20.2	18.7	22.2
Federal Transfers to Territories	(2.1)	(2.6)	(2.7)	(2.8)	(4.5)	-	(0.8)	-	(0.4)	-	(0.2)	(1.5)	(3.0)
Net Territorial Expenditures	13.4	17.9	21.5	17.8	22.1	44.4	37.3	38.0	36.7	16.1	20.0	17.2	19.2
<b>Yukon</b>													
Territorial Expenditures (O & M & Capital)	4.0	3.3	4.1	2.3	2.2	2.7	5.1	5.6	8.4	10.7	6.8	8.9	8.4
Territorial Expenditures	4.0	3.3	4.1	2.3	2.2	2.7	5.1	5.6	8.4	10.7	6.8	8.9	8.4
Federal Transfers to Territories	(1.9)	(1.9)	(2.4)	(1.0)	(0.8)	(0.9)	(0.9)	(1.0)	(1.0)	-	-	(1.8)	(2.2)
Net Territorial Expenditures	2.1	1.4	1.7	1.3	1.4	1.8	4.2	4.6	7.4	10.7	6.8	7.2	6.2
<b>Nunavut<sup>1</sup></b>													
Territorial Expenditures (O & M & Capital)	-	-	-	-	-	-	-	-	-	4.2	2.9	2.4	3.0
<b>Canada</b>													
O & M	108.1	99.1	85.9	81.3	74.6	88.0	86.3	68.4	72.3	67.0	74.0	76.8	74.7
Provincial/Territorial Transfer Payments	10.6	18.3	13.3	9.7	14.6	17.1	16.0	9.3	5.9	5.3	6.4	6.7	4.2
Provincial/Territorial Expenditures	118.7	117.4	99.2	91.0	89.1	105.1	102.2	77.7	78.2	72.3	80.4	83.5	78.9
Federal Transfers to Provinces/Territories	(15.3)	(11.0)	(15.4)	(6.9)	(7.1)	(3.0)	(5.9)	(2.1)	(3.1)	(6.3)	(2.9)	(7.0)	(9.0)
Net Provincial/Territorial Expenditures	103.4	106.4	83.8	84.0	82.0	102.1	96.3	75.7	75.1	66.1	77.6	76.6	69.8

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.  
1 - Territorial expenditures estimated by Transport Canada.

Sources:

- A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.
- B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>A</sup> and Local<sup>B</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Marine Mode	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/			
										2000	2000/01	2001/02	2002/03
<b>Newfoundland and Labrador</b>													
Provincial Expenditures (O & M & Capital)	19.4	13.5	14.5	14.5	20.9	14.5	18.5	13.5	18.8	19.9	22.9	21.2	23.4
Provincial Transfer Payments	0.4	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Expenditures	19.8	13.5	14.5	14.5	20.9	14.5	18.5	13.5	18.8	19.9	22.9	21.2	23.4
Federal Transfers to Provinces	-	(1.4)	(1.2)	-	(31.0)	(29.0)	(5.0)	-	-	-	-	-	-
Net Provincial Expenditures	19.8	12.1	13.3	14.5	(10.1)	(14.5)	13.5	13.5	18.8	19.9	22.9	21.2	23.4
<b>Nova Scotia</b>													
Provincial Expenditures (O & M & Capital)	7.3	7.0	6.8	5.6	4.6	4.3	4.5	4.6	4.8	4.9	4.9	4.4	4.7
Provincial Transfer Payments	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-
Provincial Expenditures	7.5	7.2	7.0	5.8	4.7	4.5	4.5	4.6	4.8	4.9	4.9	4.4	4.7
Federal Transfers to Provinces	-	-	-	-	-	-	-	-	-	-	-	(0.4)	-
Net Provincial Expenditures	7.5	7.2	7.0	5.8	4.7	4.5	4.5	4.6	4.8	4.9	4.9	4.0	4.7
<b>New Brunswick</b>													
Provincial Expenditures (O & M & Capital)	17.7	10.3	15.6	9.7	11.8	10.6	10.8	10.1	10.8	10.9	13.0	15.5	13.2
Federal Transfers to Provinces	-	-	-	-	-	-	(13.0)	(13.0)	(13.0)	(13.0)	(13.0)	(13.0)	(13.0)
Net Provincial Expenditures	17.7	10.3	15.6	9.7	11.8	10.6	(2.2)	(2.9)	(2.2)	(2.1)	(0.0)	2.5	0.2
<b>Quebec</b>													
Provincial Expenditures (O & M & Capital)	8.9	7.5	8.0	2.8	4.2	4.5	3.8	1.1	0.9	1.1	2.0	6.4	12.9
Provincial Transfer Payments	28.8	29.8	28.0	32.3	35.8	37.7	34.6	38.4	40.9	43.0	42.9	43.0	47.2
Provincial Expenditures	37.7	37.3	36.0	35.1	40.0	42.2	38.4	39.5	41.7	44.1	45.0	49.4	60.1
<b>Ontario</b>													
Provincial Expenditures (O & M & Capital)	4.2	31.0	8.6	7.6	5.9	6.4	3.1	7.2	6.7	6.8	6.7	9.1	14.5
Provincial Transfer Payments	-	-	-	1.8	1.8	1.8	1.8	2.0	1.4	2.0	3.1	2.1	3.7
Provincial Expenditures	4.2	31.0	8.6	9.4	7.7	8.2	4.9	9.2	8.1	8.8	9.8	11.2	18.2
<b>Manitoba</b>													
Provincial Expenditures (O & M & Capital)	1.2	1.1	1.2	1.1	-	-	-	-	-	-	-	-	-
Provincial Transfer Payments	-	-	-	-	-	-	-	-	3.0	3.0	-	-	-
Provincial Expenditures	1.2	1.1	1.2	1.1	-	-	-	-	3.0	3.0	-	-	-
<b>Saskatchewan</b>													
Provincial Expenditures (O & M & Capital)	1.2	1.2	1.3	1.7	1.7	1.7	1.7	1.7	1.9	2.2	2.3	2.3	3.5
<b>Alberta</b>													
Provincial Expenditures (O & M & Capital)	1.3	1.3	1.9	1.2	1.0	1.0	1.5	1.6	1.0	1.1	1.7	2.3	1.6
<b>British Columbia</b>													
Provincial Expenditures (O & M & Capital)	4.8	4.8	24.3	5.3	2.0	-	-	-	-	-	-	-	-
Provincial Transfer Payments	-	51.0	25.4	36.3	33.9	9.4	4.7	4.7	24.0	1,159.3	73.3	71.0	75.0
Provincial Expenditures	4.8	55.8	49.6	41.6	35.9	9.4	4.7	4.7	24.0	1,159.3	73.3	71.0	75.0
Federal Transfers to Provinces	(17.8)	(18.8)	(19.6)	-	-	-	-	-	-	-	-	-	-
Net Provincial Expenditures	(13.0)	37.0	30.1	41.6	35.9	9.4	4.7	4.7	24.0	1,159.3	73.3	71.0	75.0
<b>Northwest Territories</b>													
Territorial Expenditures (O & M & Capital)	6.5	10.1	6.8	5.9	6.7	7.1	6.9	8.1	6.7	4.7	4.8	5.0	5.5
Federal Transfers to Territories	-	-	-	-	-	(0.6)	(0.9)	(0.8)	-	-	-	-	-
Net Territorial Expenditures	6.5	10.1	6.8	5.9	6.7	6.5	6.0	7.2	6.7	4.7	4.8	5.0	5.5
<b>Nunavut<sup>1</sup></b>													
Territorial Expenditures (O & M & Capital)	-	-	-	-	-	-	-	-	-	0.6	0.4	0.3	0.4
<b>Canada</b>													
O & M & Capital	72.5	87.7	88.9	55.4	58.7	50.1	50.7	47.9	51.7	52.2	58.7	66.6	79.8
Provincial/Territorial Transfer Payments	29.4	81.0	53.6	70.6	71.7	49.1	41.1	45.1	69.3	1,207.3	119.3	116.1	125.9
Provincial Expenditures	102.0	168.7	142.5	126.0	130.4	99.2	91.8	92.9	120.9	1,259.5	178.0	182.6	205.6
Federal Transfers to Provinces/Territories	(17.8)	(20.2)	(20.8)	-	(31.0)	(29.6)	(18.9)	(13.8)	(13.0)	(13.0)	(13.0)	(13.4)	(13.0)
Net Provincial/Territorial Expenditures	84.2	148.5	121.7	126.0	99.4	69.6	72.9	79.1	107.9	1,246.5	165.0	169.2	192.6

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.  
1 Territorial expenditures estimated by Transport Canada.

Sources:

- A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.  
B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Rail Mode	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000	2000/01	2001/02	2002/03
	<b>New Brunswick</b>												
Provincial Expenditures (O & M & Capital)	-	0.6	0.5	0.6	0.5	1.3	0.5	0.5	0.5	0.5	0.4	0.7	0.5
<b>Quebec</b>													
Provincial Expenditures (O & M & Capital)	0.5	0.6	0.3	0.1	0.1	0.1	-	-	-	-	-	-	-
Provincial Transfer Payments	0.8	2.0	0.4	-	-	-	-	-	-	1.6	4.9	5.0	5.5
Provincial Expenditures	1.3	2.6	0.7	0.1	0.1	0.1	-	-	-	1.6	4.9	5.0	5.5
Federal Transfers to Provinces	(0.3)	(0.2)	(0.1)	-	-	(0.5)	-	-	-	-	-	-	-
Net Provincial Expenditures	1.0	2.4	0.6	0.1	0.1	(0.4)	-	-	-	1.6	4.9	5.0	5.5
<b>Ontario</b>													
Provincial Expenditures (O & M & Capital)	-	-	-	-	-	-	-	-	-	0.5	0.5	0.5	0.5
Provincial Transfer Payments	-	-	-	20.1	17.7	24.3	8.2	-	-	1.1	13.9	19.4	22.3
Provincial Expenditures	-	-	-	20.1	17.7	24.3	8.2	-	-	1.6	14.4	19.9	22.8
<b>Saskatchewan</b>													
Provincial Expenditures (O & M & Capital)	-	-	0.8	1.1	1.0	1.0	1.1	1.2	1.1	1.7	1.0	1.3	1.2
<b>Alberta</b>													
Provincial Expenditures (O & M & Capital)	-	-	-	-	-	-	0.1	-	-	-	-	-	-
Provincial Transfer Payments	4.4	1.0	1.0	-	-	-	-	-	-	-	-	-	-
Provincial Expenditures	4.4	1.0	1.0	-	-	-	0.1	-	-	-	-	-	-
<b>British Columbia</b>													
Provincial Transfer Payments	8.0	11.5	13.3	-	-	-	-	-	-	-	-	-	-
<b>Canada</b>													
O & M	0.5	1.2	1.6	1.8	1.6	2.4	1.7	1.7	1.5	2.7	1.9	2.5	2.1
Provincial/Territorial Transfer Payments	13.2	14.5	14.7	20.1	17.7	24.3	8.2	-	-	2.7	18.8	24.4	27.8
Provincial/Territorial Expenditures	13.7	15.8	16.3	21.9	19.3	26.7	9.9	1.7	1.5	5.3	20.7	26.9	30.0
Federal Transfers to Provinces/Territories	(0.3)	(0.2)	(0.1)	-	-	(0.5)	-	-	-	-	-	-	-
Net Provincial/Territorial Expenditures	13.4	15.6	16.2	21.9	19.3	26.2	9.9	1.7	1.5	5.3	20.7	26.9	30.0

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

## Sources:

- A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.
- B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>A</sup> and Local<sup>B</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000	2000/01	2001/02	2002/03
<b>Roads and Bridges (page 1 of 3)</b>													
<b>Newfoundland and Labrador</b>													
Provincial Expenditures (O & M)	74	41	49	53	53	54	54	56	58	58	64	66	69
Provincial Expenditures (Capital)	110	111	89	87	90	66	70	109	122	141	150	128	83
Provincial Transfer Payments <sup>2</sup>	13	12	22	15	19	12	10	12	14	13	12	12	6
Gross Provincial Expenditures	197	163	159	155	163	132	135	178	194	212	226	206	158
Federal Transfers to Provinces	(46)	(67)	(58)	(59)	(63)	(55)	(66)	(411)	(66)	(64)	(52)	(48)	(26)
Net Provincial Expenditures	152	96	102	97	100	76	68	(233)	128	148	174	158	131
Local Expenditures <sup>3</sup>	88	94	110	89	94	84	72	80	81	86	94	106	87
Federal Transfers to Local Governments <sup>4</sup>	(1)	(1)	(3)	(1)	(2)	(1)	(1)	(2)	(2)	(2)	(1)	(1)	(1)
Net Local Expenditures	74	81	84	74	72	71	60	66	66	71	81	93	80
Total Road and Bridge Expenditures	225	177	186	170	172	148	129	(167)	194	218	255	251	211
<b>Prince Edward Island</b>													
Provincial Expenditures (O & M)	31	34	37	35	33	32	35	51	46	47	52	52	51
Provincial Expenditures (Capital)	37	42	38	26	25	27	26	25	30	33	26	29	24
Provincial Transfer Payments <sup>2</sup>	1	0	1	0	1	0	0	0	0	0	-	-	-
Gross Provincial Expenditures	69	76	75	62	58	59	61	76	77	80	79	81	75
Federal Transfers to Provinces	(2)	(4)	(3)	(6)	(6)	(7)	(10)	(11)	(9)	(5)	-	-	-
Net Provincial Expenditures	67	72	72	56	52	52	52	65	68	75	79	81	75
Local Expenditures <sup>3</sup>	9	7	7	7	8	15	11	13	14	13	12	15	12
Federal Transfers to Local Governments <sup>4</sup>	-	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Net Local Expenditures	8	6	7	6	7	14	11	13	14	12	12	15	12
Total Road and Bridge Expenditures	75	79	79	62	58	66	63	78	82	87	91	95	87
<b>Nova Scotia</b>													
Provincial Expenditures (O & M)	129	131	126	126	118	109	119	123	120	118	137	130	132
Provincial Expenditures (Capital)	147	138	166	134	97	132	65	86	59	52	5	51	58
Provincial Transfer Payments <sup>2</sup>	9	11	9	10	13	17	0	-	-	-	-	-	-
Gross Provincial Expenditures	286	279	302	270	228	258	184	209	179	170	141	181	190
Federal Transfers to Provinces	(25)	(9)	(10)	(10)	(18)	(25)	(40)	(45)	(43)	(11)	(3)	(3)	-
Net Provincial Expenditures	261	271	292	260	210	233	144	164	136	159	138	178	190
Local Expenditures <sup>3</sup>	97	96	91	88	90	99	152	155	131	114	133	157	129
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(0)	-	(4)	(4)	(1)	(4)	(3)	(0)	(0)	(0)	(0)
Net Local Expenditures	88	86	82	78	73	78	151	151	128	114	133	157	129
Total Road and Bridge Expenditures	348	356	373	338	283	311	295	315	264	273	271	335	319
<b>New Brunswick</b>													
Provincial Expenditures (O & M)	133	126	128	122	121	121	130	134	138	137	134	137	148
Provincial Expenditures (Capital)	183	193	187	212	228	278	255	236	197	206	91	118	163
Provincial Transfer Payments <sup>2</sup>	4	3	5	6	5	4	3	5	6	4	-	-	-
Gross Provincial Expenditures	320	321	321	339	353	403	388	375	341	346	225	255	311
Federal Transfers to Provinces	(24)	(20)	(6)	(50)	(47)	(96)	(98)	(71)	(40)	(35)	(10)	(15)	(40)
Net Provincial Expenditures	295	302	315	289	306	308	290	305	301	311	215	240	270
Local Expenditures <sup>3</sup>	108	104	111	113	114	115	113	115	119	122	119	124	115
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(1)	(2)	(5)	(2)	(2)	(2)	(1)	(2)	(2)	(0)	(1)
Net Local Expenditures	104	101	104	105	105	108	107	109	112	116	117	124	114
Total Road and Bridge Expenditures	400	403	419	394	410	416	397	413	413	427	332	364	384
<b>Quebec</b>													
Provincial Expenditures (O & M)	458	448	425	400	391	383	372	475	479	391	377	418	415
Provincial Expenditures (Capital)	494	498	640	518	488	424	439	461	582	733	762	918	1,439
Provincial Transfer Payments <sup>2</sup>	62	63	71	158	158	155	150	134	187	223	117	144	132
Gross Provincial Expenditures	1,014	1,009	1,136	1,075	1,038	961	960	1,070	1,248	1,347	1,256	1,480	1,986
Federal Transfers to Provinces	(13)	(3)	(8)	(34)	-	-	-	(1)	-	-	(3)	(5)	(13)
Net Provincial Expenditures	1,000	1,006	1,128	1,042	1,038	961	960	1,069	1,248	1,347	1,253	1,475	1,973
Local Expenditures <sup>3</sup>	1,474	1,468	1,479	1,681	1,815	1,847	1,750	1,697	1,577	1,531	1,822	1,786	1,963
Federal Transfers to Local Governments <sup>4</sup>	(4)	(4)	(4)	(4)	(4)	(2)	(2)	(3)	(4)	(4)	(4)	(4)	(5)
Net Local Expenditures	1,407	1,401	1,404	1,519	1,653	1,691	1,599	1,561	1,386	1,304	1,701	1,638	1,827
Total Road and Bridge Expenditures	2,408	2,407	2,532	2,560	2,691	2,652	2,559	2,630	2,634	2,651	2,954	3,113	3,800

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

2 Estimated transfers as reported by the provinces; assumed to go to local governments.

3 Roads and streets, parking and snow removal; expenditures adjusted to be at least equal to transfers from federal and provincial governments.

4 Federal transfers assumed to be all road related.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Roads and Bridges (page 2 of 3)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/			
										2000	2000/01	2001/02	2002/03
<b>Ontario</b>													
Provincial Expenditures (O & M)	683	767	682	586	573	553	541	517	548	500	487	498	411
Provincial Expenditures (Capital)	450	443	466	604	884	1,075	1,093	1,060	908	839	991	846	983
Provincial Transfer Payments <sup>2</sup>	751	819	755	708	677	647	303	395	180	45	24	26	28
Gross Provincial Expenditures	1,884	2,028	1,903	1,898	2,134	2,274	1,936	1,971	1,637	1,384	1,502	1,371	1,422
Federal Transfers to Provinces	(0)	(1)	-	-	(13)	(17)	(18)	(33)	(25)	(4)	(6)	(3)	(5)
Net Provincial Expenditures	1,884	2,028	1,903	1,898	2,121	2,257	1,918	1,938	1,612	1,380	1,496	1,368	1,418
Local Expenditures <sup>3</sup>	2,353	2,363	2,259	2,262	2,358	2,500	2,182	2,351	2,273	2,481	2,615	2,673	2,939
Federal Transfers to Local Governments <sup>4</sup>	(12)	(10)	(10)	(11)	(50)	(96)	(76)	(46)	(41)	(25)	(19)	(9)	(5)
Net Local Expenditures	1,590	1,534	1,494	1,543	1,631	1,757	1,804	1,911	2,052	2,411	2,572	2,638	2,905
Total Road and Bridge Expenditures	3,474	3,562	3,397	3,442	3,751	4,014	3,721	3,849	3,664	3,792	4,069	4,006	4,323
<b>Manitoba</b>													
Provincial Expenditures (O & M)	117	118	120	117	124	132	129	135	144	149	149	156	157
Provincial Expenditures (Capital)	103	95	94	87	97	93	87	81	101	102	92	97	115
Provincial Transfer Payments <sup>2</sup>	11	6	10	3	14	16	10	26	18	17	12	23	30
Gross Provincial Expenditures	231	219	224	208	235	241	226	241	262	269	253	276	302
Federal Transfers to Provinces	(6)	(3)	(2)	(14)	(12)	(6)	(4)	(0)	(0)	(0)	(0)	-	(3)
Net Provincial Expenditures	225	216	222	194	223	234	222	241	262	268	253	276	299
Local Expenditures <sup>3</sup>	232	208	211	196	231	305	254	249	237	228	212	229	243
Federal Transfers to Local Governments <sup>4</sup>	(3)	(1)	(1)	(1)	(8)	(13)	(2)	(10)	(2)	(1)	(0)	(0)	(0)
Net Local Expenditures	218	200	201	191	209	276	242	214	218	210	200	206	212
Total Road and Bridge Expenditures	443	416	423	385	432	510	464	455	480	478	452	482	511
<b>Saskatchewan</b>													
Provincial Expenditures (O & M)	123	121	103	113	115	121	120	149	163	174	209	216	221
Provincial Expenditures (Capital)	100	73	57	63	60	45	45	63	65	53	57	85	68
Provincial Transfer Payments <sup>2</sup>	51	43	40	39	35	36	36	22	24	31	31	30	32
Gross Provincial Expenditures	274	237	200	215	210	202	200	233	253	258	297	331	320
Federal Transfers to Provinces	(2)	(0)	-	(8)	(8)	(8)	(10)	(14)	(11)	(4)	(4)	(14)	(21)
Net Provincial Expenditures	272	237	200	207	202	194	191	219	242	255	293	316	299
Local Expenditures <sup>3</sup>	246	223	218	194	221	260	230	254	243	277	290	314	288
Federal Transfers to Local Governments <sup>4</sup>	(0)	(1)	(1)	(1)	(1)	(2)	(1)	(8)	(9)	(10)	(9)	(12)	(21)
Net Local Expenditures	194	179	177	155	185	222	194	224	210	236	251	273	234
Total Road and Bridge Expenditures	466	416	377	362	387	416	384	443	452	491	544	589	534
<b>Alberta</b>													
Provincial Expenditures (O & M)	162	151	138	392	375	379	284	281	329	356	435	119	208
Provincial Expenditures (Capital)	401	369	351	168	120	119	108	128	178	180	318	439	278
Provincial Transfer Payments <sup>2</sup>	173	136	117	141	146	146	163	209	169	622	275	235	96
Gross Provincial Expenditures	737	656	605	700	641	644	554	618	676	1,158	1,028	793	582
Federal Transfers to Provinces	(3)	(3)	(1)	(10)	(9)	(13)	(11)	(0)	(0)	(0)	(1)	(1)	(2)
Net Provincial Expenditures	734	653	604	690	632	630	544	617	675	1,158	1,027	793	580
Local Expenditures <sup>3</sup>	979	900	916	881	828	863	820	949	936	1,024	1,205	1,191	1,042
Federal Transfers to Local Governments <sup>4</sup>	(2)	(1)	(6)	(3)	(7)	(41)	(32)	(40)	(20)	(3)	(4)	(10)	(10)
Net Local Expenditures	803	764	793	737	675	676	626	701	746	399	926	946	937
Total Road and Bridge Expenditures	1,537	1,417	1,398	1,427	1,307	1,307	1,170	1,319	1,422	1,557	1,952	1,738	1,516
<b>British Columbia</b>													
Provincial Expenditures (O & M)	500	554	578	683	589	572	554	472	440	463	467	465	495
Provincial Expenditures (Capital)	499	475	234	170	380	498	456	353	624	811	662	564	520
Provincial Transfer Payments <sup>2</sup>	21	19	32	8	6	5	9	4	11	183	185	218	251
Gross Provincial Expenditures	1,020	1,048	844	860	975	1,075	1,019	830	1,076	1,457	1,313	1,248	1,267
Federal Transfers to Provinces	(8)	-	-	(16)	(6)	(7)	(6)	(7)	(0)	(0)	(3)	(3)	(7)
Net Provincial Expenditures	1,012	1,048	844	844	970	1,068	1,013	823	1,076	1,457	1,310	1,245	1,260
Local Expenditures <sup>3</sup>	486	479	527	547	549	595	643	674	657	658	701	676	727
Federal Transfers to Local Governments <sup>4</sup>	(3)	(2)	(2)	(2)	(3)	(7)	(2)	(13)	(4)	(4)	(2)	(6)	(2)
Net Local Expenditures	462	457	493	537	540	583	632	657	641	470	514	451	474
Total Road and Bridge Expenditures	1,474	1,505	1,337	1,381	1,510	1,651	1,645	1,480	1,717	1,927	1,825	1,696	1,733

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

2 Estimated transfers as reported by the provinces; assumed to go to local governments.

3 Roads and streets, parking and snow removal; expenditures adjusted to be at least equal to transfers from federal and provincial governments.

4 Federal transfers assumed to be all road related.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>A</sup> and Local<sup>B</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Roads and Bridges (page 3 of 3)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/			
										2000	2000/01	2001/02	2002/03
<b>Northwest Territories</b>													
Territorial Expenditures (O & M)	22	23	23	25	25	21	22	19	19	18	21	22	22
Territorial Expenditures (Capital)	14	26	19	27	21	20	23	15	13	24	15	27	35
Gross Territorial Expenditures	36	49	42	52	46	41	45	34	32	42	37	49	57
Federal Transfers to Local Governments	-	-	-	(2)	(4)	(3)	(2)	(2)	(0)	(0)	(0)	(0)	(2)
Net Territorial Expenditures	36	49	42	51	42	38	43	32	32	42	37	49	54
Local Expenditures <sup>3</sup>	16	16	14	16	17	22	23	24	24	17	13	16	16
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	-	-	-	-
Net Local Expenditures	16	16	14	16	17	21	22	24	24	17	13	16	16
Total Road and Bridge Expenditures	51	66	57	67	59	59	65	56	56	59	49	65	71
<b>Yukon</b>													
Territorial Expenditures (O & M)	34	33	36	33	32	32	33	30	30	29	31	33	33
Territorial Expenditures (Capital)	16	12	26	33	52	53	45	22	20	25	27	22	40
Territorial Transfer Payments <sup>2</sup>	1	0	0	-	-	-	4	3	1	0	0	0	0
Gross Territorial Expenditures	52	45	62	65	84	85	82	55	50	55	58	55	73
Federal Transfers to Territories	(12)	(12)	(3)	(20)	(39)	(39)	(31)	(14)	(10)	(19)	(22)	(19)	(26)
Net Territorial Expenditures	39	33	59	46	45	47	51	41	40	36	36	36	47
Local Expenditures <sup>3</sup>	10	9	8	9	11	8	10	16	8	9	9	9	8
Federal Transfers to Local Governments <sup>4</sup>	-	-	-	-	(1)	(0)	(0)	-	-	-	-	-	-
Net Local Expenditures	8	9	7	9	10	8	6	13	7	9	9	9	8
Total Road and Bridge Expenditures	48	41	66	54	55	55	57	54	47	45	45	44	55
<b>Nunavut<sup>1</sup></b>													
Territorial Expenditures (O & M)	-	-	-	-	-	-	-	-	-	17.3	10.2	10.6	13.1
Territorial Transfer Payments <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Territorial Expenditures	-	-	-	-	-	-	-	-	-	23.2	15.9	13.2	16.3
Local Expenditures <sup>3</sup>	-	-	-	-	-	-	-	-	-	15.4	21.7	18.3	18.7
Federal Transfers to Local Governments <sup>4</sup>	-	-	-	-	-	-	-	-	-	(0.0)	(0.2)	-	(0.2)
Net Local Expenditures	-	-	-	-	-	-	-	-	-	15.4	21.6	18.3	18.6
Total Road and Bridge Expenditures	-	-	-	-	-	-	-	-	-	38.6	37.4	31.5	34.9
<b>Canada</b>													
Provincial/Territorial Expenditures (O & M)	2,465	2,546	2,444	2,684	2,549	2,508	2,393	2,443	2,515	2,458	2,574	2,324	2,373
Provincial/Territorial Expenditures (Capital)	2,555	2,474	2,366	2,129	2,542	2,829	2,710	2,637	2,900	3,206	3,202	3,325	3,810
Provincial/Territorial Transfer Payments <sup>2</sup>	1,098	1,112	1,062	1,088	1,073	1,038	688	809	611	1,138	655	689	576
Gross Provincial/Territorial Expenditures	6,117	6,132	5,872	5,901	6,165	6,375	5,790	5,890	6,025	6,802	6,431	6,339	6,759
Federal Transfers to Provinces/Territories	(141)	(122)	(90)	(228)	(225)	(276)	(295)	(609)	(204)	(143)	(104)	(113)	(145)
Net Provincial/Territorial Expenditures	5,976	6,010	5,782	5,672	5,940	6,099	5,495	5,281	5,821	6,659	6,327	6,226	6,614
Local Expenditures <sup>3</sup>	6,097	5,967	5,950	6,084	6,334	6,712	6,261	6,578	6,301	6,576	7,248	7,314	7,587
Federal Transfers to Local Governments <sup>4</sup>	(27)	(20)	(27)	(26)	(85)	(169)	(120)	(127)	(87)	(52)	(43)	(42)	(45)
Net Local Expenditures	4,972	4,835	4,861	4,971	5,176	5,505	5,453	5,642	5,604	5,385	6,550	6,583	6,966
Total Road and Bridge Expenditures	10,948	10,845	10,643	10,643	11,116	11,604	10,948	10,923	11,425	12,044	12,876	12,809	13,580

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

1 Territorial expenditures estimated by Transport Canada.

2 Estimated transfers as reported by the provinces; assumed to go to local governments.

3 Roads and streets, parking and snow removal; expenditures adjusted to be at least equal to transfers from federal and provincial governments.

4 Federal transfers assumed to be all road related.

**Sources:**

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>A</sup> and Local<sup>B</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Transit Systems <sup>5</sup> (page 1 of 2)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000	2000/01	2001/02	2002/03
	<b>Newfoundland and Labrador</b>												
Local Expenditures	6.2	6.2	6.4	7.0	7.0	6.6	6.1	5.9	3.6	4.1	4.5	7.1	5.3
<b>Prince Edward Island</b>													
Provincial Expenditures (O & M & Capital)	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-
Local Expenditures	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Transit Expenditures	0.2	0.3	0.3	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Nova Scotia</b>													
Provincial Expenditures (O & M & Capital)	1.8	1.7	2.2	1.1	-	-	-	-	-	3.0	-	-	-
Provincial Transfer Payments	3.8	3.3	4.2	4.1	2.7	2.3	1.3	1.3	-	-	-	-	-
Local Expenditures	5.6	4.9	6.4	5.2	2.7	2.3	1.3	1.3	-	3.0	-	-	-
Transfers from Provinces	-	(0.6)	-	-	-	-	-	-	-	-	-	-	-
Net Local Expenditures	11.2	13.7	11.6	13.9	11.7	15.0	11.9	10.3	15.1	12.2	12.0	12.1	25.6
Total Transit Expenditures	16.8	18.0	18.0	19.1	14.4	17.4	13.2	11.6	15.1	15.2	12.0	12.1	25.6
<b>New Brunswick</b>													
Provincial Transfer Payments	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Local Expenditures	5.8	6.1	6.8	6.7	7.1	6.4	6.6	7.5	9.6	7.6	6.6	8.3	6.4
Total Transit Expenditures	6.0	6.1	6.8	6.7	7.1	6.4	6.6	7.5	9.6	7.6	6.6	8.3	6.4
<b>Quebec</b>													
Provincial Expenditures (O & M & Capital)	13	15	29	37	76	54	9	6	8	7	8	7	8
Provincial Transfer Payments	439	468	289	263	276	282	233	235	263	245	249	280	217
Local Expenditures	452	483	318	300	352	336	242	241	271	252	257	287	225
Transfers from Provinces	282	310	492	494	496	494	492	488	437	438	429	433	443
Net Local Expenditures	(138)	(199)	(138)	(171)	(170)	(170)	(175)	(161)	(181)	(164)	(128)	(136)	-
Total Transit Expenditures	595	594	672	623	678	661	559	568	526	526	559	584	668
<b>Ontario</b>													
Provincial Expenditures (O & M & Capital)	2	3	-	1	-	2	1	1	1	1	-	-	-
Provincial Transfer Payments	1,092	606	618	623	683	658	729	736	1,079	84	40	89	270
Local Expenditures	1,094	610	618	624	683	660	730	737	1,079	85	40	89	270
Transfers from Provinces	705	712	780	751	802	835	820	915	1,396	1,350	1,106	904	829
Net Local Expenditures	(686)	(11)	(37)	(29)	(120)	(95)	(128)	(129)	(620)	(19)	(40)	(48)	(54)
Total Transit Expenditures	1,113	1,311	1,361	1,346	1,365	1,400	1,422	1,523	1,856	1,416	1,106	945	1,044
<b>Manitoba</b>													
Provincial Transfer Payments	21.4	22.3	21.9	18.5	24.5	18.5	20.0	18.1	23.8	24.6	22.5	21.0	23.8
Local Expenditures	36.8	37.4	39.8	22.6	26.9	28.3	27.3	30.5	38.2	38.1	38.7	39.0	38.5
Transfers from Provinces	(1.6)	-	(1.8)	(0.3)	(1.7)	(3.9)	(5.6)	(0.7)	(2.0)	-	(7.5)	(1.5)	(1.7)
Net Local Expenditures	35.3	37.4	38.0	22.3	25.2	24.4	21.7	29.7	36.2	38.1	31.2	37.5	36.8
Total Transit Expenditures	56.7	59.6	59.9	40.8	49.7	42.9	41.7	47.8	60.0	62.8	53.7	58.5	60.6
<b>Saskatchewan</b>													
Provincial Transfer Payments	0.3	0.6	0.5	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2	3.9
Local Expenditures	17.9	14.5	15.4	13.6	14.2	15.1	15.2	14.2	15.4	17.8	20.0	20.9	21.9
Transfers from Provinces	(0.3)	(0.6)	(0.4)	(2.0)	(2.0)	(2.1)	(2.2)	(2.2)	(2.1)	(2.2)	(1.6)	(1.6)	-
Net Local Expenditures	17.6	13.9	15.0	11.6	12.2	13.0	13.0	12.0	13.3	15.6	18.4	19.3	21.9
Total Transit Expenditures	17.9	14.5	15.5	13.7	14.3	15.1	15.2	14.2	15.4	17.8	20.5	21.4	25.8
<b>Alberta</b>													
Provincial Transfer Payments	33.9	31.5	30.0	22.1	5.0	10.8	18.0	10.4	33.4	48.5	77.9	235.3	84.2
Local Expenditures	171.7	189.6	201.2	217.9	167.4	169.7	172.1	176.0	158.8	170.5	174.4	201.4	193.4
Transfers from Provinces	-	-	-	(2.0)	-	-	-	-	-	-	-	(116.9)	-
Net Local Expenditures	171.7	189.6	201.2	215.9	167.4	169.7	172.1	176.0	158.8	170.5	174.4	84.5	193.4
Total Transit Expenditures	205.6	221.1	231.2	238.0	172.4	180.5	190.1	186.4	192.2	219.0	252.3	319.8	277.6
<b>British Columbia</b>													
Provincial Transfer Payments	216.1	227.9	308.4	244.0	246.8	270.3	362.6	374.6	388.1	263.2	264.8	293.2	294.0
Local Expenditures	93.2	141.7	105.1	138.7	109.1	118.3	122.2	123.4	132.3	87.7	140.3	138.7	142.0
Transfers from Provinces	(49.0)	(28.2)	-	(41.4)	(25.5)	(27.7)	(114.5)	(123.4)	(114.7)	-	-	-	-
Net Local Expenditures	44.2	113.4	105.1	97.3	83.6	90.6	7.7	0.1	17.6	87.7	140.3	138.7	142.0
Total Transit Expenditures	260.3	341.3	413.5	341.4	330.4	360.9	370.3	374.7	405.6	350.9	405.1	431.9	436.0
<b>Northwest Territories</b>													
Local Expenditures	-	-	-	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.5	0.5

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

<sup>5</sup> Expenditures by provincial and local governments adjusted to be at least equal to subsidies reported by transit authorities.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Transit Systems <sup>5</sup> (page 2 of 2)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/			
										2000	2000/01	2001/02	2002/03
<b>Yukon</b>													
Territorial Transfer Payments	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	-	-	-	0.4
Local Expenditures	0.8	0.8	0.9	0.9	0.9	1.2	0.9	1.2	1.2	1.6	1.5	2.3	2.1
Total Transit Expenditures	1.4	1.3	1.4	1.5	1.4	1.7	1.3	1.6	1.5	1.6	1.5	2.3	2.4
<b>Canada</b>													
Provincial/Territorial Expenditures (O & M & Capital)	17	20	31	40	76	56	10	7	8	11	8	7	8
Provincial/Territorial Transfer Payments	1,807	1,361	1,273	1,177	1,240	1,245	1,366	1,377	1,789	667	656	921	894
Provincial/Territorial Expenditures	1,824	1,381	1,304	1,216	1,316	1,301	1,376	1,384	1,797	678	665	928	902
Local Expenditures	1,331	1,433	1,659	1,667	1,642	1,690	1,675	1,772	2,208	2,128	1,934	1,768	1,707
Transfers from Provinces/Territories	(875)	(240)	(177)	(246)	(319)	(298)	(425)	(416)	(920)	(185)	(177)	(304)	(56)
Net Local Expenditures	456	1,193	1,482	1,421	1,324	1,392	1,250	1,357	1,288	1,943	1,757	1,463	1,651
Total Transit Expenditures	2,279	2,574	2,786	2,638	2,640	2,693	2,626	2,741	3,085	2,621	2,421	2,392	2,553

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

<sup>5</sup> Expenditures by provincial and local governments adjusted to be at least equal to subsidies reported by transit authorities.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.



TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Other Expenditures <sup>6</sup> (page 1 of 4)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000	2000/01	2001/02	2002/03
	<b>Newfoundland and Labrador</b>												
Provincial Expenditures (O & M & Capital)	6.2	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Transfer Payments	0.1	-	-	-	-	-	-	-	-	-	-	-	-
Gross Provincial Expenditures	6.3	-	-	-	-	-	-	-	-	-	-	-	-
Local Expenditures	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.0	0.3	0.1	0.1	0.0
Total Other Expenses	6.4	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.0	0.3	0.1	0.1	0.0
<b>Prince Edward Island</b>													
Provincial Expenditures (O & M & Capital)	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.2	0.3	0.4	0.4
Local Expenditures	-	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.0	0.3	0.1	0.1	0.0
Total Other Expenses	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.3	1.3	0.5	0.4	0.5	0.4
<b>Nova Scotia</b>													
Provincial Expenditures (O & M & Capital)	-	-	-	-	2.0	2.1	1.9	-	-	-	-	-	-
Provincial Transfer Payments	0.3	0.3	0.3	0.2	-	0.2	0.1	-	-	-	-	-	-
Gross Provincial Expenditures	0.3	0.3	0.3	0.2	2.0	2.3	2.0	-	-	-	-	-	-
Local Expenditures	5.5	10.1	3.8	4.0	0.8	1.3	0.9	3.5	5.4	5.0	4.7	5.9	5.8
Total Other Expenses	5.9	10.4	4.0	4.2	2.8	3.5	3.0	3.5	5.4	5.0	4.7	5.9	5.8
<b>New Brunswick</b>													
Local Expenditures	0.2	0.2	0.3	0.4	0.3	1.0	1.4	0.8	0.7	1.2	1.7	2.4	1.2
<b>Quebec</b>													
Provincial Expenditures (O & M & Capital)	57.5	104.6	117.5	116.2	115.4	115.1	77.6	72.2	76.5	88.9	92.9	99.8	113.7
Provincial Transfer Payments	2.6	2.3	2.8	2.7	2.2	2.0	1.6	1.4	1.6	1.5	1.5	1.6	1.7
Gross Provincial Expenditures	60.1	106.9	120.3	118.9	117.6	117.1	79.2	73.6	78.1	90.4	94.4	101.4	115.3
Local Expenditures	5.5	5.5	3.3	9.8	3.1	4.2	5.0	19.7	11.3	6.6	38.1	16.5	18.5
Total Other Expenses	65.6	112.4	123.6	128.7	120.7	121.3	84.2	93.3	89.4	97.1	132.5	118.0	133.8
<b>Ontario</b>													
Provincial Expenditures (O & M & Capital)	10.3	14.6	23.5	60.9	49.0	53.1	52.6	57.6	64.5	75.1	90.0	96.6	128.9
Provincial Transfer Payments	0.2	24.0	0.1	0.8	-	-	-	-	4.2	4.1	-	-	-
Gross Provincial Expenditures	10.5	38.6	23.6	61.7	49.0	53.1	52.6	57.6	68.7	79.2	90.0	96.6	128.9
Local Expenditures	50.1	52.9	45.4	52.9	51.1	62.2	53.6	46.9	47.7	61.9	55.9	95.3	150.4
Total Other Expenses	60.6	91.5	69.0	114.6	100.1	115.3	106.2	104.5	116.4	141.1	145.9	191.9	279.3
<b>Manitoba</b>													
Provincial Expenditures (O & M & Capital)	5.2	5.4	5.5	5.9	0.6	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.8
Provincial Transfer Payments	0.3	-	-	-	-	-	0.5	0.6	4.4	-	-	-	-
Gross Provincial Expenditures	5.5	5.4	5.5	5.9	0.6	0.7	1.3	1.4	5.2	0.9	0.9	0.8	0.8
Local Expenditures	3.5	1.0	3.3	3.6	8.2	13.1	17.7	6.1	6.4	6.0	10.0	11.2	4.7
Total Other Expenses	9.0	6.4	8.8	9.5	8.8	13.8	19.0	7.5	11.6	6.9	10.9	12.0	5.5
<b>Saskatchewan</b>													
Local Expenditures	1.6	1.5	1.9	1.4	1.3	2.4	1.3	1.2	1.2	1.3	9.3	3.9	7.2
<b>Alberta</b>													
Provincial Expenditures (O & M & Capital)	55.8	55.5	54.7	19.2	17.2	15.9	18.6	23.3	29.6	27.7	28.9	35.8	40.7
Provincial Transfer Payments	0.6	-	-	-	-	-	-	-	-	-	-	-	-
Gross Provincial Expenditures	56.4	55.5	54.7	19.2	17.2	15.9	18.6	23.3	29.6	27.7	28.9	35.8	40.7
Local Expenditures	7.7	9.5	9.5	13.7	13.2	16.7	9.4	37.0	25.9	24.2	20.6	32.6	30.3
Total Other Expenses	64.1	65.0	64.2	32.9	30.4	32.6	28.0	60.3	55.5	51.9	49.5	68.4	71.0
<b>British Columbia</b>													
Provincial Transfer Payments	(0.6)	-	-	-	-	-	-	-	-	-	-	-	-
Local Expenditures	15.5	14.0	22.4	16.6	15.8	14.9	17.6	32.7	22.6	22.4	19.6	30.1	23.0
Total Other Expenses	14.9	14.0	22.4	16.6	15.8	14.9	17.6	32.7	22.6	22.4	19.6	30.1	23.0
<b>Northwest Territories</b>													
Territorial Expenditures (O & M & Capital)	3.4	3.0	3.1	2.8	3.5	3.4	5.6	8.5	9.2	7.6	7.0	9.5	11.7
Federal Transfers to Territories	-	-	-	(1.7)	(3.7)	(3.4)	(1.7)	(1.5)	-	-	-	-	-
Net Territorial Expenditures	3.4	3.0	3.1	1.0	(0.2)	0.0	4.0	7.0	9.2	7.6	7.0	9.5	11.7
Local Expenditures	0.1	5.8	6.0	7.1	8.2	7.2	8.9	8.3	9.1	1.5	1.4	1.4	1.3
Total Other Expenses	3.5	8.8	9.1	8.1	8.0	7.3	12.9	15.3	18.4	9.1	8.4	10.9	13.0
<b>Yukon</b>													
Local Expenditures	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
<b>Canada</b>													
Provincial/Territorial Expenditures (O & M & Capital)	139	183	204	205	188	190	157	163	181	200	220	243	296
Provincial/Territorial Transfer Payments	4	27	3	4	2	2	2	2	10	6	2	2	2
Gross Provincial/Territorial Expenditures	142	210	208	209	190	193	159	165	191	206	222	245	298
Federal Transfers to Provinces/Territories	-	-	-	(2)	(4)	(3)	(2)	(1)	-	-	-	-	-
Net Provincial/Territorial Expenditures	142	210	208	207	186	189	158	163	191	206	222	245	298
Local Expenditures	90	101	96	110	102	123	116	156	132	138	169	207	250
Total Other Expenses	232	311	304	317	288	312	274	320	323	344	390	452	548

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

<sup>6</sup> Includes overhead expenses and some expenditure on communication at the local level.

*Sources:*

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Other Expenditures <sup>6</sup> (page 2 of 4)											1999/		
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	2000	2000/01	2001/02	2002/03
<b>Newfoundland and Labrador</b>													
Provincial Expenditures (O & M)	98.3	62.7	71.3	77.2	81.8	78.8	83.6	75.6	80.4	82.3	92.5	92.0	97.2
Provincial Expenditures (Capital)	119.2	113.2	91.4	89.7	94.2	68.1	75.6	112.0	127.5	147.5	156.1	135.7	89.5
Provincial Transfer Payments	14.9	11.5	22.2	14.6	19.1	11.7	10.4	12.7	14.0	13.1	12.1	12.9	6.2
Gross Provincial Expenditures	232.4	187.4	184.9	181.5	195.1	158.6	169.6	200.3	221.9	242.9	260.8	240.6	192.8
Federal Transfers to Provinces	(47.3)	(70.0)	(60.2)	(60.3)	(95.1)	(85.6)	(72.3)	(411.5)	(66.2)	(64.5)	(52.2)	(48.3)	(27.0)
Net Provincial Expenditures	185.1	117.4	124.7	121.2	100.0	73.0	97.4	(211.3)	155.7	178.3	208.6	192.4	165.9
Local Expenditures	94.0	99.9	116.2	96.5	100.9	90.4	77.7	85.9	86.0	90.1	98.4	113.4	92.0
Federal Transfers to Local Governments	(0.6)	(0.8)	(3.3)	(1.3)	(2.4)	(0.9)	(1.1)	(2.1)	(1.9)	(2.3)	(1.4)	(0.6)	(0.6)
Transfers from Provinces	(13.4)	(11.5)	(22.2)	(14.6)	(19.1)	(11.7)	(10.4)	(12.3)	(13.6)	(12.7)	(11.7)	(12.5)	(5.7)
Net Local Expenditures	80.1	87.7	90.8	80.6	79.5	77.8	66.1	71.5	70.5	75.1	85.3	100.3	85.7
Total Local and Provincial Expenditures	265.2	205.1	215.4	201.8	179.4	150.7	163.5	(139.8)	226.2	253.4	293.9	292.6	251.5
<b>Prince Edward Island</b>													
Provincial Expenditures (O & M)	30.9	34.7	37.1	35.2	32.6	31.7	35.4	51.4	46.5	46.6	52.4	51.9	51.1
Provincial Expenditures (Capital)	37.1	41.8	37.8	26.0	24.8	26.7	25.9	24.7	30.3	33.3	26.5	29.2	24.4
Provincial Transfer Payments	1.2	0.2	0.6	0.4	0.7	0.5	0.3	0.1	0.1	0.1	-	-	-
Gross Provincial Expenditures	69.2	76.7	75.5	61.7	58.0	58.8	61.6	76.2	77.0	80.0	78.9	81.1	75.5
Federal Transfers to Provinces	(2.0)	(4.1)	(2.8)	(5.7)	(6.3)	(7.0)	(9.7)	(10.6)	(9.0)	(5.0)	-	-	-
Net Provincial Expenditures	67.2	72.6	72.7	56.0	51.7	51.8	51.9	65.6	68.0	75.0	78.9	81.1	75.5
Local Expenditures	9.1	6.9	7.7	6.8	8.2	15.4	11.4	12.9	15.5	12.9	12.4	14.8	12.1
Federal Transfers to Local Governments	-	(0.0)	(0.0)	(0.0)	(0.5)	(0.6)	(0.2)	(0.1)	(0.3)	(0.0)	(0.1)	(0.1)	(0.0)
Transfers from Provinces	(1.2)	(0.2)	(0.6)	(0.4)	(0.7)	(0.5)	(0.3)	(0.1)	(0.1)	(0.1)	-	-	-
Net Local Expenditures	7.9	6.7	7.1	6.4	7.0	14.4	10.9	12.7	15.0	12.8	12.3	14.8	12.1
Total Local and Provincial Expenditures	75.1	79.3	79.8	62.3	58.7	66.2	62.8	78.3	83.0	87.7	91.2	95.9	87.5
<b>Nova Scotia</b>													
Provincial Expenditures (O & M)	136	137	132	131	124	116	125	128	125	125	142	135	137
Provincial Expenditures (Capital)	150	140	169	135	97	132	65	86	59	53	5	51	58
Provincial Transfer Payments	13	14	14	14	16	19	2	1	-	-	-	-	-
Gross Provincial Expenditures	299	292	315	281	238	267	192	215	184	178	146	185	195
Federal Transfers to Provinces	(25)	(9)	(10)	(10)	(18)	(25)	(40)	(45)	(43)	(11)	(3)	(3)	-
Net Provincial Expenditures	274	283	305	271	220	242	152	170	141	167	143	182	195
Local Expenditures	114	120	106	106	102	116	165	169	151	132	150	175	160
Federal Transfers to Local Governments	(0)	(0)	(0)	-	(4)	(4)	(1)	(4)	(3)	(0)	(0)	(0)	(0)
Transfers from Provinces	(9)	(11)	(9)	(10)	(13)	(17)	(0)	-	-	-	-	-	-
Net Local Expenditures	104	109	97	96	85	95	163	165	148	131	150	175	160
Total Local and Provincial Expenditures	378	392	402	368	305	336	315	335	290	298	293	357	355
<b>New Brunswick</b>													
Provincial Expenditures (O & M)	142	135	138	131	131	131	140	144	147	148	144	147	158
Provincial Expenditures (Capital)	192	194	194	213	230	280	256	237	199	207	94	124	166
Provincial Transfer Payments	4	3	5	6	5	4	3	5	6	4	-	-	-
Gross Provincial Expenditures	338	332	337	350	365	415	399	386	352	358	238	272	324
Federal Transfers to Provinces	(24)	(20)	(6)	(50)	(47)	(96)	(111)	(84)	(53)	(48)	(23)	(28)	(53)
Net Provincial Expenditures	313	313	331	299	318	320	288	302	299	310	215	243	271
Local Expenditures	114	111	118	120	122	122	121	124	129	130	127	135	122
Federal Transfers to Local Governments	(0)	(0)	(1)	(2)	(5)	(2)	(2)	(2)	(1)	(2)	(2)	(0)	(1)
Transfers from Provinces	(4)	(3)	(5)	(6)	(5)	(4)	(3)	(5)	(6)	(4)	-	-	-
Net Local Expenditures	110	107	111	112	112	115	115	117	123	124	125	134	121
Total Local and Provincial Expenditures	424	420	442	412	430	435	403	419	422	434	340	378	392
<b>Quebec</b>													
Provincial Expenditures (O & M)	556	578	563	532	508	493	454	554	563	487	477	529	539
Provincial Expenditures (Capital)	514	523	670	551	576	493	450	463	585	739	775	932	1,456
Provincial Transfer Payments	537	570	393	456	473	478	422	411	494	515	418	476	406
Gross Provincial Expenditures	1,607	1,671	1,625	1,539	1,557	1,463	1,326	1,428	1,641	1,741	1,670	1,936	2,401
Federal Transfers to Provinces	(22)	(8)	(16)	(35)	-	(1)	-	(1)	-	-	(3)	(5)	(14)
Net Provincial Expenditures	1,585	1,663	1,609	1,504	1,557	1,463	1,326	1,426	1,641	1,741	1,668	1,931	2,387
Local Expenditures	1,761	1,784	1,974	2,185	2,314	2,346	2,247	2,205	2,025	1,975	2,290	2,236	2,424
Federal Transfers to Local Governments	(4)	(4)	(4)	(4)	(4)	(2)	(2)	(3)	(4)	(4)	(4)	(4)	(5)
Transfers from Provinces	(200)	(262)	(209)	(329)	(328)	(325)	(325)	(294)	(368)	(387)	(245)	(280)	(132)
Net Local Expenditures	1,557	1,518	1,762	1,852	1,982	2,019	1,920	1,908	1,653	1,584	2,041	1,952	2,288
Total Local and Provincial Expenditures	3,141	3,181	3,371	3,356	3,539	3,482	3,246	3,334	3,294	3,325	3,708	3,883	4,675

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

<sup>6</sup> Includes overhead expenses and some expenditure on communication at the local level.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>A</sup> and Local<sup>B</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Other Expenditures <sup>6</sup> (page 3 of 4)	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/ 2000/01 2001/02 2002/03			
	<b>Ontario</b>												
Provincial Expenditures (O & M)	717	808	726	661	634	618	602	586	624	586	589	607	555
Provincial Expenditures (Capital)	456	467	468	611	890	1,083	1,099	1,061	912	843	993	849	992
Provincial Transfer Payments	1,843	1,457	1,382	1,362	1,391	1,342	1,051	1,135	1,266	136	81	137	324
Gross Provincial Expenditures	3,016	2,732	2,576	2,633	2,915	3,043	2,752	2,782	2,801	1,565	1,663	1,594	1,872
Federal Transfers to Provinces	(0)	(1)	-	-	(13)	(17)	(18)	(33)	(25)	(4)	(6)	(3)	(5)
Net Provincial Expenditures	3,015	2,732	2,576	2,633	2,901	3,026	2,734	2,749	2,776	1,561	1,658	1,590	1,867
Local Expenditures	3,108	3,128	3,084	3,067	3,211	3,397	3,056	3,314	3,717	3,894	3,777	3,673	3,918
Federal Transfers to Local Governments	(12)	(10)	(10)	(11)	(50)	(96)	(76)	(46)	(41)	(25)	(19)	(9)	(5)
Transfers from Provinces	(1,436)	(830)	(791)	(738)	(797)	(741)	(430)	(523)	(800)	(64)	(64)	(74)	(82)
Net Local Expenditures	1,659	2,288	2,282	2,318	2,364	2,560	2,550	2,744	2,876	3,805	3,694	3,590	3,830
Total Local and Provincial Expenditures	4,674	5,020	4,858	4,952	5,265	5,586	5,284	5,493	5,653	5,366	5,351	5,180	5,698
<b>Manitoba</b>													
Provincial Expenditures (O & M)	128	129	132	130	132	139	136	143	151	157	158	165	167
Provincial Expenditures (Capital)	104	97	96	89	98	93	88	82	102	105	95	101	117
Provincial Transfer Payments	33	29	32	22	39	35	31	44	50	45	35	45	54
Gross Provincial Expenditures	266	255	259	241	269	267	255	269	303	308	288	310	338
Federal Transfers to Provinces	(6)	(4)	(2)	(14)	(13)	(7)	(4)	(0)	(0)	(2)	(1)	(0)	(4)
Net Provincial Expenditures	260	252	257	226	256	261	251	269	302	305	288	310	334
Local Expenditures	273	246	254	222	266	346	299	286	282	272	260	279	286
Federal Transfers to Local Governments	(3)	(1)	(1)	(1)	(8)	(13)	(2)	(10)	(2)	(1)	(0)	(0)	(0)
Transfers from Provinces	(13)	(6)	(11)	(4)	(16)	(20)	(15)	(26)	(20)	(17)	(19)	(25)	(32)
Net Local Expenditures	257	239	242	217	242	313	281	250	260	254	241	255	254
Total Local and Provincial Expenditures	516	490	499	443	499	574	532	518	563	559	528	565	588
<b>Saskatchewan</b>													
Provincial Expenditures (O & M)	126	124	106	117	119	125	124	153	167	179	214	221	226
Provincial Expenditures (Capital)	101	74	58	63	60	46	48	64	66	57	59	88	68
Provincial Transfer Payments	52	44	40	41	37	38	38	24	27	34	33	32	36
Gross Provincial Expenditures	278	241	204	221	217	209	210	241	260	269	306	341	330
Federal Transfers to Provinces	(2)	(0)	-	(8)	(8)	(8)	(12)	(15)	(12)	(7)	(7)	(18)	(21)
Net Provincial Expenditures	276	241	204	213	208	201	197	226	248	262	300	323	309
Local Expenditures	265	239	235	209	236	277	247	269	260	296	320	339	317
Federal Transfers to Local Governments	(0)	(1)	(1)	(1)	(1)	(2)	(1)	(8)	(9)	(10)	(9)	(12)	(21)
Transfers from Provinces	(52)	(44)	(40)	(41)	(37)	(38)	(38)	(24)	(27)	(33)	(33)	(31)	(32)
Net Local Expenditures	213	194	194	168	198	238	208	237	224	253	279	296	263
Total Local and Provincial Expenditures	489	435	398	381	407	438	405	463	473	515	578	619	573
<b>Alberta</b>													
Provincial Expenditures (O & M)	219	209	195	414	396	397	302	301	352	378	456	143	238
Provincial Expenditures (Capital)	405	373	353	169	121	119	111	133	186	187	328	453	289
Provincial Transfer Payments	212	168	148	163	151	159	183	221	204	672	355	473	182
Gross Provincial Expenditures	836	750	696	746	668	675	595	655	741	1,237	1,138	1,069	710
Federal Transfers to Provinces	(3)	(3)	(1)	(10)	(9)	(14)	(11)	(0)	(0)	(0)	(1)	(1)	(2)
Net Provincial Expenditures	833	747	695	736	659	662	585	654	741	1,237	1,138	1,069	708
Local Expenditures	1,158	1,100	1,126	1,113	1,008	1,049	1,002	1,163	1,121	1,219	1,400	1,425	1,266
Federal Transfers to Local Governments	(2)	(1)	(6)	(3)	(7)	(41)	(32)	(40)	(20)	(3)	(4)	(10)	(10)
Transfers from Provinces	(173)	(136)	(117)	(143)	(146)	(146)	(163)	(209)	(169)	(622)	(275)	(352)	(96)
Net Local Expenditures	983	963	1,004	967	856	863	807	915	931	594	1,121	1,063	1,160
Total Local and Provincial Expenditures	1,816	1,710	1,700	1,703	1,515	1,524	1,392	1,569	1,672	1,831	2,258	2,131	1,868
<b>British Columbia</b>													
Provincial Expenditures (O & M)	508	562	587	696	589	572	554	472	440	463	467	465	495
Provincial Expenditures (Capital)	504	479	258	175	382	498	456	353	624	811	662	564	520
Provincial Transfer Payments	248	313	379	289	289	287	378	385	424	1,606	523	584	620
Gross Provincial Expenditures	1,259	1,355	1,224	1,160	1,261	1,357	1,387	1,211	1,489	2,880	1,652	1,613	1,636
Federal Transfers to Provinces	(26)	(19)	(20)	(16)	(6)	(7)	(6)	(7)	(0)	(0)	(3)	(3)	(7)
Net Provincial Expenditures	1,234	1,336	1,205	1,144	1,255	1,350	1,382	1,204	1,489	2,880	1,649	1,610	1,629
Local Expenditures	594	634	654	703	674	728	783	830	811	768	861	845	892
Federal Transfers to Local Governments	(3)	(2)	(2)	(2)	(3)	(7)	(2)	(13)	(4)	(4)	(2)	(6)	(2)
Transfers from Provinces	(70)	(47)	(32)	(50)	(31)	(33)	(123)	(128)	(126)	(183)	(185)	(218)	(251)
Net Local Expenditures	521	585	620	651	640	688	658	689	682	580	674	620	639
Total Local and Provincial Expenditures	1,755	1,921	1,825	1,795	1,895	2,038	2,039	1,893	2,170	3,460	2,323	2,230	2,267

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

<sup>6</sup> Includes overhead expenses and some expenditure on communication at the local level.

Sources:

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-6: CONTINUED

**Distribution of Provincial /Territorial<sup>a</sup> and Local<sup>b</sup> Transport Expenditures by Province, 1990/91 – 2002/03**  
(Millions of dollars)

Other Expenditures <sup>6</sup> (page 4 of 4)										1999/			
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	2000	2000/01	2001/02	2002/03
<b>Northwest Territories</b>													
Territorial Expenditures (O & M)	35.7	39.9	39.8	46.2	47.3	56.7	58.6	56.4	58.9	42.5	47.0	50.0	52.5
Territorial Expenditures (Capital)	23.2	40.4	34.0	35.4	35.3	39.7	36.7	31.8	26.6	28.1	21.8	32.6	43.6
Territorial Transfer Payments	2.1	2.6	2.7	-	-	-	-	-	-	-	-	-	-
Gross Territorial Expenditures	60.9	82.9	76.5	81.6	82.6	96.4	95.3	88.3	85.5	70.6	68.8	82.6	96.1
Federal Transfers to Territories	(2.1)	(2.6)	(2.7)	(6.3)	(11.8)	(7.5)	(5.1)	(3.9)	(0.5)	(0.1)	(0.3)	(1.7)	(5.3)
Net Territorial Expenditures	58.8	80.3	73.7	75.3	70.7	88.9	90.2	84.4	85.0	70.4	68.4	80.9	90.8
Local Expenditures	16.2	22.0	20.4	23.7	25.8	29.2	31.8	32.0	33.6	19.2	14.7	17.8	18.0
Federal Transfers to Local Governments	(0.0)	(0.0)	(0.1)	(0.1)	(0.2)	(0.8)	(0.3)	(0.0)	(0.1)	-	-	-	-
Transfers from Provinces	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Local Expenditures	16.1	22.0	20.4	23.6	25.6	28.4	31.4	32.0	33.5	19.2	14.7	17.8	18.0
Total Local and Territorial Expenditures	74.9	102.3	94.1	98.9	96.3	117.2	121.6	116.4	118.4	89.7	83.2	98.7	108.8
<b>Yukon</b>													
Territorial Expenditures (O & M)	36.2	35.0	38.4	34.7	34.3	34.0	36.9	34.8	34.5	34.8	36.5	38.9	37.9
Territorial Expenditures (Capital)	18.0	12.9	27.7	32.9	51.9	53.9	46.1	22.5	23.5	30.6	28.6	24.7	43.7
Territorial Transfer Payments	1.9	1.0	0.9	0.5	0.5	0.5	4.4	3.5	1.2	0.3	0.2	0.1	0.5
Gross Territorial Expenditures	56.0	49.0	67.0	68.2	86.7	88.4	87.4	60.8	59.2	65.8	65.2	63.7	82.1
Federal Transfers to Territories	(14.3)	(14.3)	(5.8)	(20.8)	(39.8)	(39.4)	(31.9)	(14.8)	(11.1)	(19.1)	(22.1)	(21.0)	(28.4)
Net Provincial Expenditures	41.7	34.7	61.2	47.4	46.9	49.0	55.5	46.0	48.1	46.8	43.1	42.7	53.8
Local Expenditures	10.8	10.2	8.6	9.8	11.5	9.3	10.8	17.5	8.8	10.9	10.5	11.3	10.4
Federal Transfers to Local Governments	-	-	-	-	(0.9)	(0.1)	(0.1)	-	-	-	-	-	-
Transfers from Provinces	(1.4)	(0.5)	(0.4)	-	-	-	(4.0)	(3.2)	(0.8)	(0.3)	(0.2)	(0.1)	(0.1)
Net Local Expenditures	9.4	9.7	8.2	9.8	10.6	9.2	6.8	14.4	8.0	10.6	10.3	11.2	10.3
Total Local and Territorial Expenditures	51.2	44.4	69.4	57.2	57.5	58.2	62.3	60.4	56.1	57.3	53.5	53.9	64.0
<b>Nunavut<sup>1</sup></b>													
Territorial Expenditures (O & M)	-	-	-	-	-	-	-	-	-	22.1	13.5	13.3	16.5
Territorial Transfer Payments	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Territorial Expenditures	-	-	-	-	-	-	-	-	-	28.0	19.1	16.0	19.7
Local Expenditures	-	-	-	-	-	-	-	-	-	22.4	28.8	26.0	26.8
Federal Transfers to Local Governments	-	-	-	-	-	-	-	-	-	(0.0)	(0.2)	-	(0.2)
Transfers from Provinces	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Local Expenditures	-	-	-	-	-	-	-	-	-	22.4	28.7	26.0	26.6
Total Local and Territorial Expenditures	-	-	-	-	-	-	-	-	-	50.4	47.8	42.0	45.5
<b>Canada</b>													
Provincial/Territorial Expenditures (O & M)	2,731	2,854	2,766	3,004	2,829	2,790	2,652	2,700	2,789	2,751	2,888	2,659	2,771
Provincial/Territorial Expenditures (Capital)	2,625	2,557	2,457	2,192	2,661	2,933	2,757	2,669	2,940	3,246	3,250	3,387	3,872
Provincial/Territorial Transfer Payments	2,961	2,614	2,419	2,369	2,420	2,376	2,121	2,243	2,485	3,026	1,458	1,759	1,629
Gross Provincial/Territorial Expenditures	8,317	8,025	7,642	7,564	7,910	8,099	7,530	7,611	8,214	9,023	7,596	7,804	8,272
Federal Transfers to Provinces	(174)	(153)	(126)	(237)	(267)	(313)	(322)	(626)	(220)	(162)	(120)	(133)	(167)
Net Provincial/Territorial Expenditures	8,143	7,871	7,515	7,327	7,643	7,786	7,208	6,985	7,994	8,861	7,476	7,671	8,105
Local Expenditures	7,517	7,501	7,705	7,861	8,079	8,525	8,051	8,507	8,641	8,842	9,350	9,289	9,544
Federal Transfers to Local Governments	(27)	(20)	(27)	(26)	(85)	(169)	(120)	(127)	(87)	(52)	(43)	(42)	(45)
Transfers from Provinces/Territories	(1,973)	(1,352)	(1,238)	(1,333)	(1,392)	(1,336)	(1,113)	(1,225)	(1,530)	(1,324)	(832)	(994)	(632)
Net Local Expenditures	5,518	6,129	6,439	6,502	6,602	7,020	6,818	7,155	7,024	7,466	8,475	8,254	8,868
Total Local and Provincial/Territorial Expenditures	13,660	14,000	13,955	13,829	14,245	14,807	14,027	14,140	15,018	16,327	15,951	15,926	16,973

Figures may vary from previous Reports, as adjustments have been made. O&M: Operating and Maintenance.

1 Territorial expenditures estimated by Transport Canada.

2 Estimated transfers as reported by the provinces; assumed to go to local governments.

3 Roads and streets, parking and snow removal; expenditures adjusted to be at least equal to transfers from federal and provincial governments.

4 Federal transfers assumed to be all road related.

5 Expenditures by provincial and local governments adjusted to be at least equal to subsidies reported by transit authorities.

6 Includes overhead expenses and some expenditure on communication at the local level.

**Sources:**

A Provincial/Territorial Departments of Transport; Transport Canada. Many provinces have moved to unconditional grants to local governments. For this reason, transportation transfers may be under reported. Net expenses by local governments are netted of transfers reported by provincial governments.

B Statistics Canada Public, Institutions Division; data are on a calendar year basis.

**TABLE A4-1: SUMMARY OF TRANSPORTATION SAFETY STATISTICS FOR AVIATION, MARINE, RAIL, ROAD AND TDG, 1994 – 2003<sup>p</sup>**

		<i>Aviation</i> <sup>1</sup>	<i>Marine</i> <sup>2</sup>	<i>Rail</i> <sup>3</sup>	<i>Road</i> <sup>4</sup>	<i>TDG</i> <sup>5</sup>
<b>Accidents</b>	2003	296	483	1,028	N/A	358
	2002	274	421	984	159,498	439
	2001	295	441	1,060	154,268	436
	2000	320	446	1,063	158,569	474
	1999	341	520	1,129	153,746	479
	1998	386	459	1,075	151,026	432
	1997	356	511	1,116	152,765	383
	1996	342	548	1,304	158,990	521
	1995	390	637	1,276	167,044	336
	1994	381	682	1,213	169,649	290
1993				171,227		
<b>Fatalities</b>	2003	58	19	77	N/A	0
	2002	50	26	96	2,936	1
	2001	61	28	99	2,781	0
	2000	65	25	88	2,927	2
	1999	65	19	106	2,985	2
	1998	85	22	101	2,949	2
	1997	77	23	109	3,064	3
	1996	71	21	117	3,091	1
	1995	107	34	120	3,351	0
	1994	80	37	113	3,263	0
1993				3,615		
<b>Accident Rates<sup>c</sup></b>	2003	7.5	17.9	12.8	N/A	N/A
	2002	6.8	18.0	12.2	85.7	N/A
	2001	7.3	17.5	13.3	85.2	N/A
	2000	7.3	15.7	13.3	88.6	N/A
	1999	7.6	19.7	14.3	87.7	N/A
	1998	8.4	16.9	13.6	84.0	N/A
	1997	8.5	14.6	14.0	87.2	N/A
	1996	8.2	21.4	17.2	92.5	N/A
	1995	9.5	22.7	16.3	98.0	N/A
	1994	9.4	21.4	14.6	100.0	N/A
1993				102.4	N/A	

p = Preliminary data for 2003 e = estimated N/A = Not available

Note: The available ten-year rates for rail and road differ in the Addendum Table A4-1 to the five-year rates presented in Table 4-1. For rail the ten-year rate excludes yard switching miles and for road, the available ten-year rate is per 10,000 motor vehicle registrations.

*Comparing accident numbers between modes:* The source and criteria for reporting accidents/incidents varies for each mode, therefore the reader should be cautious when making comparisons across modes. The type of risk exposure, frequency and magnitude of an accident, including the impact on public perception of safety, also varies. The TDG program, which includes accidents at the modal transportation facilities, does not cover dangerous goods transported in bulk on ships (as well as by pipeline) and therefore limiting the type of data comparison that can be made of in-transit TDG accidents across modes.

*Comparing rates between modes and data limitations:* The available activity measures (risk exposure) for determining the rate of accidents are also particular to each mode and have their own set of limitations. For marine, data is collected only for commercial vessels over 15 gross registered tonnage and, as well, there have been data collection changes over the years (e.g., in 2000, Statistics Canada made a change to the treatment of domestic tug and barge movements). The *million vessel kilometres* is being used for the ten-year accident rates for marine. For road, the available accident rates are based on the number of registered vehicles, rather than *kilometres*, which is available for recent years only. For aviation, *itinerant movements* (flights between and at the top 100 airports) is more representative of risk exposure (e.g., most accidents occur during take-off or landing). Rail continues to operate in train-miles. The ten-year trend for rail is available per million *main track train-miles*, but does not include *yard switching miles*. The *yard switching miles*, available since 1999, measures activity (exposure to risk) on other than the main track and historically accounts for approximately 50 per cent of the accidents. The approximate exposure/activity level estimates for the transportation of dangerous goods, lack the precision to provide reasonable accident rate trends. This is largely due to the difficulty inherent in isolating dangerous goods commodities.

*Comparing time periods:* The data reported is preliminary for 2003, 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 industry, government or system-wide changes (e.g., industry restructuring, such as growth of rail shortlines notably in the mid 1990s and government devolution and commercialization of operations; recent regulatory changes, such as in the TDG accident-reporting requirements; system improvements, including introduction of new technologies).

1 Canadian-registered aircraft, other than ultralights. Accident rates per 100,000 itinerant aircraft movements at top 100 airports.

2 Accidents involving Canadian-registered vessels. Accident rates per million vessel kilometres for commercial vessels of over 15 GRT.

3 Railways under federal jurisdiction. Accident rates per million main track train-miles (excludes yard switching miles).

4 Road statistics relate to 2002 (most recent road safety statistics), and to the 1997 – 2001 five-year averages. Collision rate per 10,000 Motor Vehicle Registrations. Road accidents are casualty collisions, which exclude collisions in which only property is damaged.

5 TDG = Transportation of Dangerous Goods. Fatality data relate to only those deaths attributed to the dangerous goods.

Source: Transportation Safety Board, Transport Canada and Statistics Canada

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-2: ACCIDENTS – RAILWAYS UNDER FEDERAL JURISDICTION, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Accidents</b>							
Main-track train collisions	14	10	9	7	8	6	9.6
Main-track train derailments	108	119	121	127	116	148	118.2
Crossings	273	283	263	278	261	248	271.6
Non-main-track train collisions	114	100	113	86	112	104	105.0
Non-main-track train derailments	388	403	387	385	347	387	382.0
Collisions/derailments involving track units	13	27	16	18	11	23	17.0
Employee/passenger	10	13	13	8	8	6	10.4
Trespassers	78	95	79	79	73	68	80.8
Fires/explosions	51	53	32	36	24	23	39.2
Rolling stock with object	11	14	6	14	5	6	9.8
Rolling stock with abandoned vehicle	1	1	12	5	3	2	4.4
Rolling stock damage without derail./coll.	14	11	12	17	16	7	14.2
<b>Total</b>	<b>1,075</b>	<b>1,129</b>	<b>1,063</b>	<b>1,060</b>	<b>984</b>	<b>1,028</b>	<b>1,062.2</b>
<b>Incidents</b>							
Dangerous goods leaker	272	167	188	194	167	151	197.6
Main-track switch in abnormal position	14	15	17	9	9	11	12.8
Movement exceeds limits of authority	107	115	102	94	94	103	102.4
Runaway rolling stock	20	15	9	10	19	13	14.4
Signal less restricted than required	9	8	2	7	3	2	5.8
Unprotected overlap of authorities	16	11	11	4	5	9	9.6
Crew member incapacitated	0	2	1	4	6	6	2.6
<b>Total</b>	<b>438</b>	<b>333</b>	<b>330</b>	<b>322</b>	<b>303</b>	<b>295</b>	<b>345.2</b>
Million train-miles <sup>1</sup>	89.7	88.8	90.2	89.5	89.6	89.5	89.5
Accidents/million train-miles	12.0	12.7	11.8	11.8	11.0	11.5	11.9
<b>Fatalities</b>							
Crossings	39	37	33	41	46	27	39.2
Trespassers	61	62	54	56	49	46	56.6
All others	1	7	1	2	1	4	2.2
<b>Total</b>	<b>101</b>	<b>106</b>	<b>88</b>	<b>99</b>	<b>96</b>	<b>77</b>	<b>98.0</b>
<b>Serious Injuries</b>							
Crossings	43	45	33	47	42	50	42.0
Trespassers	17	34	23	22	21	21	23.4
All others	15	18	10	19	8	6	14.0
<b>Total</b>	<b>75</b>	<b>97</b>	<b>66</b>	<b>88</b>	<b>71</b>	<b>77</b>	<b>79.4</b>
<b>Accidents Involving Dangerous Goods (DG)</b>	<b>239</b>	<b>221</b>	<b>247</b>	<b>203</b>	<b>220</b>	<b>223</b>	<b>226.0</b>
<b>Accidents with a DG Release</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>5.4</b>
<b>Accidents Involving Passenger Trains</b>	<b>68</b>	<b>71</b>	<b>61</b>	<b>76</b>	<b>67</b>	<b>53</b>	<b>68.6</b>
<b>Passenger Train Accidents per PTM<sup>2</sup></b>	<b>8.4</b>	<b>8.5</b>	<b>7.0</b>	<b>8.6</b>	<b>7.6</b>	<b>6.0</b>	<b>7.9</b>
<b>Federal Railroad Companies</b>	37	37	38	38	39	40	
<b>Federal Track Miles</b>	41,228	39,833	39,169	39,067	38,839	39,047	

<sup>1</sup> Million train-miles include main track miles and yard switching miles. Numbers are estimated for 2003.

<sup>2</sup> PTM = Passenger Train-Miles; estimated for 2003.

Notes: The reported occurrences cover only the federal jurisdiction. Canada's rail network was restructured in the mid-1990s. In 2003, the rail network accounted for 83 per cent (with 40 federally regulated companies and 42 provincially), while the remaining 17 per cent were under provincial jurisdiction.

Figures are preliminary as of January 16, 2004. Final figures over preliminary and estimated figures historically have changed less than one per cent. Two fatalities and four 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.bst.gc.ca>

Source: Transportation Safety Board, Transport Canada (activity data)

TABLE A4-3: ACCIDENTS BY PROVINCE – RAILWAYS UNDER FEDERAL JURISDICTION, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2001 Average
<b>Accidents</b>							
Newfoundland and Labrador	2	0	3	3	2	0	2.0
Nova Scotia	9	13	9	19	11	22	12.2
New Brunswick	13	23	13	32	24	32	21.0
Quebec	186	200	169	164	153	159	174.4
Ontario	333	359	341	355	352	373	348.0
Manitoba	111	96	100	91	81	73	95.8
Saskatchewan	95	91	80	87	64	80	83.4
Alberta	192	183	202	159	169	154	181.0
Northwest Territories and Nunavut	0	2	0	1	1	1	0.8
British Columbia	134	162	146	149	127	134	143.6
<b>Total</b>	<b>1,075</b>	<b>1,129</b>	<b>1,063</b>	<b>1,060</b>	<b>984</b>	<b>1,028</b>	<b>1,062.2</b>
<b>Fatalities</b>							
Newfoundland and Labrador	0	0	0	0	0	0	0.0
Nova Scotia	0	0	1	3	0	0	0.8
New Brunswick	0	0	1	0	2	0	0.6
Quebec	18	27	18	13	18	8	18.8
Ontario	45	53	42	46	48	45	46.8
Manitoba	10	4	2	5	6	4	5.4
Saskatchewan	6	2	6	11	3	5	5.6
Alberta	12	12	7	13	11	8	11.0
Northwest Territories and Nunavut	0	0	0	0	0	0	0.0
British Columbia	10	8	11	8	8	7	9.0
<b>Total</b>	<b>101</b>	<b>106</b>	<b>88</b>	<b>99</b>	<b>96</b>	<b>77</b>	<b>98.0</b>
<b>Serious Injuries</b>							
Newfoundland and Labrador	0	0	0	0	0	0	0.0
Nova Scotia	1	0	0	9	2	0	2.4
New Brunswick	1	0	0	3	1	1	1.0
Quebec	10	11	12	8	9	8	10.0
Ontario	21	43	19	29	28	29	28.0
Manitoba	8	6	5	9	5	5	6.6
Saskatchewan	7	10	4	6	4	7	6.2
Alberta	17	17	16	16	15	13	16.2
Northwest Territories and Nunavut	0	0	0	1	0	0	0.2
British Columbia	10	10	10	7	7	14	8.8
<b>Total</b>	<b>75</b>	<b>97</b>	<b>66</b>	<b>88</b>	<b>71</b>	<b>77</b>	<b>79.4</b>

Note: Figures are preliminary as of January 16, 2004.

Source: Transportation Safety Board

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-4: CROSSING AND TRESPASSER ACCIDENTS – RAILWAYS UNDER FEDERAL JURISDICTION, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2001 Average
<b>Crossing Type</b>							
Public automated	132	126	139	145	128	135	134.0
Public passive	95	98	84	77	96	72	90.0
Private	41	49	37	48	32	35	41.4
Farm	5	10	3	8	5	6	6.2
<b>Total</b>	<b>273</b>	<b>283</b>	<b>263</b>	<b>278</b>	<b>261</b>	<b>248</b>	<b>271.6</b>
<b>Public Crossing Rate per 100 crossings</b>							
Newfoundland and Labrador, Nova Scotia	1.2	2.4	1.2	2.9	N/A	N/A	N/A
New Brunswick	0.3	0.6	0.3	1.8	0.3	1.1	0.7
Quebec	1.5	1.3	1.4	0.9	2.0	1.3	1.4
Ontario	1.0	1.5	1.3	1.2	1.3	1.3	1.3
Manitoba	1.1	0.6	0.7	0.7	1.2	0.9	0.8
Saskatchewan	0.6	0.4	0.5	0.4	0.4	0.3	0.5
Alberta	1.3	1.3	1.0	1.3	1.3	0.9	1.2
British Columbia	1.4	1.3	1.9	2.1	1.9	2.4	1.7
<b>Total</b>	<b>8.4</b>	<b>9.3</b>	<b>8.3</b>	<b>11.4</b>	<b>8.3</b>	<b>8.2</b>	<b>9.2</b>
<b>Trespasser Accidents</b>							
Newfoundland and Labrador, Nova Scotia	0	0	0	1	N/A	N/A	0.2
New Brunswick	0	0	1	0	2	0	0.6
Quebec	12	26	14	10	13	6	15.0
Ontario	36	46	41	42	43	40	41.6
Manitoba	4	1	1	7	3	4	3.2
Saskatchewan	2	3	2	3	0	2	2.0
Alberta	10	10	6	9	3	7	7.6
British Columbia	14	9	14	7	9	9	10.6
<b>Total</b>	<b>78</b>	<b>95</b>	<b>79</b>	<b>79</b>	<b>73</b>	<b>68</b>	<b>80.8</b>

N/A = Not available.

Notes:  
 Crossing rates do not reflect road/rail activity. "Public automated" has some form of automation, "Public passive" has standard reflectorized crossing sign, "Private" railway track crosses a private road and "Farm" crossings a farm crossing.  
 Figures are preliminary as of January 16, 2004.

Source: Transportation Safety Board, Transport Canada (activity data)

TABLE A4-5: ROAD CASUALTY COLLISIONS, FATALITIES AND INJURIES, WITH RATES (PER 10,000 MVR AND BILLION VEHICLE-KILOMETRES), 1983 – 2002

Year	Casualty			Motor Vehicle	Vehicle- Kilometres (Millions)	Fatality Rate/10,000 MVR	Injury Rate/10,000 MVR	Fatality Rate/Billion Veh.-Km	Injury Rate/Billion Veh.-Km
	Collisions <sup>1</sup>	Fatalities <sup>2</sup>	Injuries <sup>3</sup>	Registrations (MVR) (Thousands)					
1983 – 1992 Average	181,598	4,061	259,127	15,804	N/A	2.6	164.0	N/A	N/A
1993	171,227	3,615	247,588	16,717	N/A	2.2	148.1	N/A	N/A
1994	169,649	3,263	245,110	16,971	N/A	1.9	144.4	N/A	N/A
1995	167,044	3,351	241,935	17,047	N/A	2.0	141.9	N/A	N/A
1996	158,990	3,091	230,890	17,183	N/A	1.8	134.4	N/A	N/A
1997	152,765	3,064	221,349	17,518	N/A	1.7	126.4	N/A	N/A
1998	151,026	2,949	217,803	17,988	N/A	1.6	121.1	N/A	N/A
1999	153,746	2,985	222,551	17,534	N/A	1.7	126.9	N/A	N/A
2000	158,569	2,927	227,458	17,882	310,523	1.6	127.2	9.4	N/A
2001	154,268	2,781	221,121	18,102	310,173	1.5	122.2	9.0	712.9
2002	159,498	2,936	227,768	18,617	315,815	1.6	122.3	9.3	721.2
1997 – 2001 Average	154,075	2,941	222,056	17,805		1.7	124.7		

N/A = Not available.

Notes:

- Data for Nunavut are not reported for 2001 and 2002, except fatalities.
- Data for Ontario are preliminary for 2002.
- 1 "Casualty collisions" exclude collisions involving property damage only.
- 2 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).
- 3 "Injuries" include all those who suffered any visible injury or complained of pain.

Source: Collision Statistics: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database and 2002 Canadian Motor Vehicle Traffic Collision Statistics - TP3322.  
 Motor Vehicle Registrations: Statistics Canada, CANSIM.  
 Vehicle-Kilometres: Statistics Canada, Cat. No. 53-223-XIE, 'Canadian Vehicle Survey'.



**TABLE A4-6: ROAD CASUALTY RATES (FATALITIES AND INJURIES PER BILLION VEHICLE-KILOMETRES) BY PROVINCE/TERRITORY, 2001 AND 2002**

	Fatalities <sup>1</sup>		Injuries <sup>2</sup>	
	2001	2002	2001	2002
Canada	9.0	9.3	713.0	721.2
Newfoundland and Labrador	9.3	10.0	690.2	701.2
Prince Edward Island	12.2	14.3	896.0	789.8
Nova Scotia	8.2	8.5	647.6	574.0
New Brunswick	11.7	12.2	686.5	592.3
Quebec	8.8	9.9	707.5	749.1
Ontario	7.3	7.1	705.4	679.4
Manitoba	8.3	10.8	799.3	948.9
Saskatchewan	13.0	12.3	547.5	652.7
Alberta	10.0	10.1	682.4	783.6
British Columbia	11.7	12.4	838.5	776.6
Yukon	10.9	25.3	836.7	572.6
Northwest Territories	7.5	8.4	512.8	643.2
Nunavut	47.6	73.3	N/A	N/A

N/A = Not available.

Notes:

- Data for Nunavut are not reported for 2001 and 2002, except fatalities.
- Data for Ontario are preliminary for 2002.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).

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

Source: Collision Statistics: 2001 and 2002 Canadian Motor Vehicle Traffic Collision Statistics - TP3322.

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

**TABLE A4-7: MOTOR VEHICLE OCCUPANT FATALITIES<sup>1</sup> AND SEAT BELT WEARING RATES, 1998 – 2002**

Year	Motor Vehicle Occupant Fatalities	Index of Motor Vehicle Occupant Fatalities	Seat Belt Use - Passenger Car Drivers	Seat Belt Use - Occupants of Light-Duty Vehicles
	1988	3,158	100.0	75.8
1989	3,366	106.6	73.9	N/A
1990	2,931	92.8	81.9	N/A
1991	2,718	86.1	86.0	N/A
1992	2,687	85.1	85.9	81.4
1993	2,731	86.5	87.8	83.4
1994	2,477	78.4	90.1	86.8
1995	2,572	81.4	91.6	86.8
1996	2,343	74.2	91.9	88.7
1997	2,352	74.5	91.5	88.9
1998	2,175	68.9	91.9	88.7
1999	2,251	71.3	92.3	90.1
2000	2,216	70.2	92.2	90.1
2001	2,158	68.3	91.8	89.9
2002	2,276	72	N/A	N/A

N/A = Not available.

Note: Data for Nunavut are not reported for 2001 and 2002, except fatalities.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).

Source: Collision Statistics: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database and 2001 Canadian Motor Vehicle Traffic Collision Statistics - TP3322.

**TABLE A4-8: PERCENTAGE OF FATALLY INJURED DRIVERS TESTED AND FOUND TO HAVE BEEN DRINKING (BAC >0 MG%) AND THE NUMBER OF PERSONS CHARGED WITH IMPAIRED DRIVING OFFENCES, 1987 – 2001**

Year	1–80 mg %	81–150 mg %	>150 mg %	BAC >0 mg %	Persons Charged with Impaired Driving Offences	Index of Persons Charged with Impaired Driving Offences
1987	10.0	11.1	32.0	53.1	128,000	100.0
1988	10.4	10.2	30.0	50.6	120,785	94.5
1989	7.6	11.0	27.8	46.4	118,433	92.2
1990	8.8	9.1	27.5	45.4	111,798	87.5
1991	7.8	10.3	30.0	48.1	111,577	87.5
1992	7.9	10.4	29.7	48.0	105,576	82.8
1993	6.9	9.7	28.1	44.7	92,288	71.9
1994	7.9	8.9	27.0	43.8	88,386	68.8
1995	8.0	8.8	26.6	43.4	83,902	65.6
1996	6.8	9.3	25.6	41.7	79,183	61.7
1997	7.3	8.3	23.5	39.1	72,187	56.3
1998	6.3	9.5	23.3	39.1	72,414	56.3
1999	6.0	7.3	19.8	33.1	72,920	57.0
2000	6.3	8.2	21.1	35.6	68,525	53.9
2001	5.8	8.9	23.2	37.9	70,539	54.7

Notes:

- BAC: Blood Alcohol Concentration.
- mg%: Weight of alcohol in the bloodstream stated as milligrams in 100 millilitres of blood.
- 2002 data were not available at the time of publication.

Source: Traffic Injury Research Foundation of Canada, Statistics Canada and the Centre for Justice Statistics

**TABLE A4-9A: COMMERCIAL AND OTHER VEHICLES INVOLVED IN FATAL COLLISIONS BY VEHICLE TYPE, 1997 – 2001**

Vehicle Type	1997	1998	1999	2000	2001	1997-2001 Avg.
Commercial						
All buses	32	43	34	36	32	35
Straight trucks ≥ 4,536 kg	179	167	170	147	153	163
Tractor-trailers	335	289	360	364	322	334
Total commercial vehicles	546	499	564	547	507	533
Non-commercial vehicles involved with NSC vehicles	486	459	559	488	444	487
Total vehs. involved in collisions involving commercial vehicles	1,032	958	1,123	1,035	951	1,020
Total all other vehicles involved	3,245	3,246	3,278	3,142	2,995	3,181
<b>Total - All Vehicles Involved</b>	<b>4,277</b>	<b>4,204</b>	<b>4,401</b>	<b>4,177</b>	<b>3,946</b>	<b>4,201</b>

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database

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**TABLE A4-9B: FATALITIES<sup>1</sup> RESULTING FROM COMMERCIAL AND OTHER VEHICLES INVOLVED IN FATAL COLLISIONS BY VEHICLE TYPE, 1997 – 2001**

Vehicle Type	1997	1998	1999	2000	2001	1997- 2001 Avg.
All buses	46	4	3	10	5	14
Straight trucks ≥ 4,536 kg	18	28	25	30	17	24
Tractor-trailers	47	40	44	52	50	47
Commercial vehicle occupant total	111	72	72	92	72	84
Occupants of other vehicles inv. with commercial vehicles	480	413	447	431	415	437
Bicyclists	12	17	5	11	11	11
Pedestrians	61	59	65	48	50	57
Total victims of collisions involving commercial vehicles	664	561	589	582	548	589
Victims of all other collisions	2,400	2,388	2,396	2,344	2,230	2,352
<b>Total</b>	<b>3,064</b>	<b>2,949</b>	<b>2,985</b>	<b>2,926</b>	<b>2,778</b>	<b>2,940</b>

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).  
Note: Data for Nunavut are not reported for 2001, except fatalities.

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database

**TABLE A4-10: FATALITIES<sup>1</sup> BY ROAD USER CLASS, 1997 – 2002**

Road User Class	1997	1998	1999	2000	2001	2002	1997- 2001 Avg.
Drivers	1,540	1,457	1,531	1,467	1,443	1,546	1,488
Passengers	812	718	720	749	654	730	731
Pedestrians	402	406	419	372	335	370	387
Bicyclists	67	77	68	40	60	64	62
Motorcyclists	123	171	166	177	163	172	160
Not stated	120	120	81	122	126	54	114
<b>Total</b>	<b>3,064</b>	<b>2,949</b>	<b>2,985</b>	<b>2,927</b>	<b>2,781</b>	<b>2,936</b>	<b>2,941</b>

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).

Notes:

- Data for Nunavut are not reported for 2001 and 2002, except fatalities.
- Data for Ontario are preliminary for 2002.

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database and 2002 Canadian Motor Vehicle Traffic Collision Statistics - TP3322

**TABLE A4-11: VEHICLES INVOLVED IN FATAL COLLISIONS BY VEHICLE TYPE, 1997 – 2001**

Vehicle Type	1997	1998	1999	2000	2001
Automobile	2,279	2,186	2,333	2,182	2,040
Pickup truck	1,059	1,061	1,113	1,066	984
Truck					
Tractor-trailer	335	300	360	364	322
Trucks >4,536 kgs.	179	177	170	147	153
Other	21	18	10	13	16
Bus					
School	8	10	13	16	12
Intercity	4	5	8	6	2
Transit	9	11	7	4	7
Bus unspecified	11	17	6	10	11
Motorcycle	126	171	169	173	170
Bicycle	74	79	69	45	63
Farm equipment	32	42	33	40	42
Snowmobiles	41	49	18	17	31
Train/streetcar	11	16	11	5	9
Motor home	19	4	10	10	7
All-terrain vehicles	9	32	13	22	18
Other	62	59	58	57	59
<b>Total</b>	<b>4,279</b>	<b>4,237</b>	<b>4,401</b>	<b>4,177</b>	<b>3,946</b>

Note: Data for Nunavut are not reported for 2001, except fatalities.

Source: Transport Canada, Road Safety and Motor Vehicle Regulation, Traffic Accident Information Database

TABLE A4-12: MARINE OCCURRENCES, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<i>Canadian Vessels</i>							
<b>Accidents</b>	<b>459</b>	<b>520</b>	<b>446</b>	<b>441</b>	<b>421</b>	<b>483</b>	<b>457.4</b>
<b>Shipping Accidents</b>	<b>419</b>	<b>464</b>	<b>383</b>	<b>393</b>	<b>395</b>	<b>431</b>	<b>410.8</b>
Collision	15	22	15	16	15	22	16.6
Capsizing	13	6	15	4	14	11	10.4
Foundering/sinking	28	32	38	36	25	30	31.8
Fire/Explosion	56	63	57	77	49	64	60.4
Grounding	110	125	105	97	113	108	110.0
Striking	61	62	48	60	56	60	57.4
Ice damage	11	9	4	4	1	27	5.8
Propeller/rudder/structural damage	17	36	23	15	39	32	26.0
Flooding	66	62	51	67	49	45	59.0
Other	42	47	27	17	34	32	33.4
<b>Accidents aboard ship</b>	<b>40</b>	<b>56</b>	<b>63</b>	<b>48</b>	<b>26</b>	<b>52</b>	<b>46.6</b>
<b>Fatalities</b>	<b>22</b>	<b>19</b>	<b>25</b>	<b>28</b>	<b>26</b>	<b>19</b>	<b>24.0</b>
Shipping accidents	17	8	13	15	19	9	14.4
Accidents aboard ship	5	11	12	13	7	10	9.6
<b>Injuries</b>	<b>55</b>	<b>75</b>	<b>80</b>	<b>62</b>	<b>70</b>	<b>72</b>	<b>68.4</b>
Shipping accidents	17	23	22	18	42	29	24.4
Accidents aboard ship	38	52	58	44	28	43	44.0
<b>Number of vessels involved in shipping accidents (by vessel category)</b>	<b>447</b>	<b>493</b>	<b>406</b>	<b>429</b>	<b>424</b>	<b>468</b>	<b>439.8</b>
<b>Commercial</b>							
Cargo	8	7	6	8	9	10	7.6
Bulk carrier/OBO	31	34	26	32	28	18	30.2
Tanker	8	8	6	5	6	11	6.6
Tug	38	40	33	36	23	32	34.0
Barge	24	32	26	26	29	28	27.4
Ferry	22	20	24	23	21	25	22.0
Passenger	25	16	14	14	25	39	18.8
<b>Commercial vessel total</b>	<b>156</b>	<b>157</b>	<b>135</b>	<b>144</b>	<b>141</b>	<b>163</b>	<b>146.6</b>
<b>Commercial accident rate</b>							
Commercial vessels (≥15 grt)	118	128	110	114	117	127	117.4
Million vessel kms	7.0	6.5	7.0	6.5	6.5	7.1	6.7
Accident rate / million vessel kms	16.9	19.7	15.7	17.5	18.0	17.9	17.6
Thousand vessel trips	35,757	31,237.0	40,084	34,586	36,981	39,000	35,729
Accident rate / thousand vessel trips	3.30	4.09	2.74	3.29	3.16	3.25	3.97
<b>Fishing</b>	<b>243</b>	<b>273</b>	<b>227</b>	<b>232</b>	<b>232</b>	<b>253</b>	<b>241.4</b>
<b>Other</b>	<b>48</b>	<b>63</b>	<b>44</b>	<b>53</b>	<b>51</b>	<b>52</b>	<b>51.8</b>
<b>Vessels lost</b>	<b>46</b>	<b>44</b>	<b>36</b>	<b>47</b>	<b>31</b>	<b>30</b>	<b>40.8</b>
Commercial	6	4	4	6	8	2	5.6
Fishing	40	39	30	40	20	27	33.8
Other	0	1	2	1	3	1	1.4
<b>Incidents (mandatory)</b>	<b>112</b>	<b>141</b>	<b>206</b>	<b>205</b>	<b>145</b>	<b>185</b>	<b>161.8</b>
<i>Foreign vessels</i>							
<b>Accidents</b>	<b>91</b>	<b>85</b>	<b>81</b>	<b>77</b>	<b>64</b>	<b>64</b>	<b>79.6</b>
Shipping accidents	72	72	67	66	54	49	66.2
Accidents aboard ship	19	13	14	11	10	15	13.4
<b>Number of vessels involved in shipping accidents (by vessel category)</b>	<b>87</b>	<b>88</b>	<b>86</b>	<b>78</b>	<b>59</b>	<b>57</b>	<b>79.6</b>
Commercial	73	75	71	62	50	47	66.2
Fishing	8	7	11	14	6	7	9.2
Other	6	6	4	2	3	3	4.2
<b>Fatalities</b>	<b>26</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>10.0</b>
Shipping accidents	21	6	3	2	0	0	6.4
Accidents aboard ship	5	4	3	4	2	0	3.6
<b>Injuries</b>	<b>25</b>	<b>9</b>	<b>14</b>	<b>8</b>	<b>8</b>	<b>17</b>	<b>12.8</b>
Shipping accidents	5	0	0	0	0	0	1.0
Accidents aboard ship	20	9	14	8	8	17	11.8
<b>Vessels lost</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>2.0</b>
<b>Incidents (mandatory)</b>	<b>53</b>	<b>37</b>	<b>42</b>	<b>34</b>	<b>29</b>	<b>34</b>	<b>39.0</b>
<i>Total marine occurrences</i>							
<b>Accidents</b>	<b>550</b>	<b>605</b>	<b>527</b>	<b>518</b>	<b>485</b>	<b>547</b>	<b>537.0</b>
Shipping accidents	491	536	450	459	449	480	477.0
Accidents aboard ship	59	69	77	59	36	67	60.0
<b>Fatalities</b>	<b>48</b>	<b>29</b>	<b>31</b>	<b>34</b>	<b>28</b>	<b>19</b>	<b>34.0</b>
<b>Injuries</b>	<b>80</b>	<b>84</b>	<b>94</b>	<b>70</b>	<b>78</b>	<b>89</b>	<b>81.2</b>
<b>Vessels involved</b>	<b>534</b>	<b>581</b>	<b>492</b>	<b>507</b>	<b>483</b>	<b>525</b>	<b>519.4</b>
<b>Vessels lost</b>	<b>49</b>	<b>45</b>	<b>37</b>	<b>51</b>	<b>32</b>	<b>31</b>	<b>42.8</b>
<b>Incidents (mandatory)</b>	<b>165</b>	<b>178</b>	<b>248</b>	<b>239</b>	<b>174</b>	<b>219</b>	<b>200.8</b>

Notes:

- Canadian vessel statistics comprise all occurrences where at least one Canadian vessel was involved; whereas Foreign vessel statistics comprise occurrences in Canadian waters where only a foreign-flag vessel was involved.
- The Accident Rate is calculated for accidents of Canadian commercial vessels ≥15 gross registered tons; as vessel activity is captured for these vessel size only.
- For international voyages, vessel kilometres are calculated within the 12 nautical mile limit.
- In the year 2000, Statistics Canada made a change to the treatment of domestic tug and barge movements; caution is advised in comparisons of activity and resultant accident rates to prior years.
- Injuries include both serious and minor injuries.
- Vessels lost include constructive total losses.
- Figures in the above summary may differ slightly from the TSB figures for Accidents Aboard Ship, Fatalities and Incidents, due to a difference in TC interpretation as to the classification of two occurrences involving fatalities.
- For the Transportation Safety Board definitions of reportable accidents and incidents please see <http://www.tsb.gc.ca/en/stats/marine>.

Source: Transportation Safety Board (figures preliminary as of January 16, 2004), Statistics Canada and Transport Canada.

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TABLE A4-13: MARINE OCCURRENCES BY REGION, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Western Region</b>							
Shipping accidents	196	168	166	158	139	141	165.4
Accidents aboard ship	14	18	32	29	15	19	21.6
Vessels involved in shipping accidents by type of vessel	213	181	177	179	155	159	181.0
Cargo/OBO/Tanker	10	11	9	9	3	9	8.4
Ferry/Passenger	14	10	18	15	18	26	15.0
Tug/Barge	44	40	44	39	32	30	39.8
Fishing	128	102	93	98	78	76	99.8
Others	17	18	13	18	24	18	18.0
Vessels lost	25	19	14	22	13	8	18.6
Fatalities	6	10	10	12	10	4	9.6
Reported incidents (mandatory)	54	57	110	122	86	95	85.8
<b>Maritimes/Newfoundland Regions</b>							
Shipping accidents	146	212	158	159	179	209	170.8
Accidents aboard ship	23	28	30	15	10	22	21.2
Vessels involved in shipping accidents by type of vessel	154	229	171	169	188	224	182.2
Cargo/OBO/Tanker	17	12	10	8	13	10	12.0
Ferry/Passenger	10	11	10	7	9	16	9.4
Tug/Barge	5	11	6	4	3	8	5.8
Fishing	107	168	129	133	144	170	136.2
Others	15	27	16	17	19	20	18.8
Vessels lost	21	21	19	27	13	18	20.2
Fatalities	32	10	13	10	6	7	14.2
Reported incidents (mandatory)	29	68	50	45	31	51	44.6
<b>Central Region</b>							
Shipping accidents	64	54	46	68	57	53	57.8
Accidents aboard ship	8	5	7	3	3	3	5.2
Vessels involved in shipping accidents by type of vessel	67	59	54	79	63	59	64.4
Cargo/OBO/Tanker	35	38	33	42	32	21	36.0
Ferry/Passenger	13	7	7	13	13	14	10.6
Tug/Barge	10	8	3	11	12	15	8.8
Fishing	1	1	1	2	2	1	1.4
Others	8	5	10	11	4	8	7.6
Vessels lost	0	1	0	0	2	0	0.6
Fatalities	1	2	2	9	10	3	4.8
Reported incidents (mandatory)	24	16	32	26	28	21	25.2
<b>Laurentian Region</b>							
Shipping accidents	64	72	60	59	60	56	63.0
Accidents aboard ship	8	12	7	9	6	18	8.4
Vessels involved in shipping accidents by type of vessel	73	78	66	63	62	60	68.4
Cargo/OBO/Tanker	37	38	33	28	32	27	33.6
Ferry/Passenger	10	11	8	5	7	10	8.2
Tug/Barge	6	14	4	9	5	5	7.6
Fishing	12	9	14	13	13	13	12.2
Others	8	6	7	8	5	5	6.8
Vessels lost	2	4	2	2	3	5	2.6
Fatalities	9	5	1	2	2	3	3.8
Reported incidents (mandatory)	53	29	51	39	23	48	39.0
<b>Arctic Region</b>							
Shipping accidents	5	15	8	4	2	6	6.8
Accidents aboard ship	2	3	0	0	0	4	1.0
Vessels involved in shipping accidents by type of vessel	5	17	8	4	2	6	7.2
Cargo/OBO/Tanker	2	3	5	3	0	3	2.6
Ferry/Passenger	1	3	1	0	0	0	1.0
Tug/Barge	0	2	0	1	2	0	1.0
Fishing	0	0	1	0	0	0	0.2
Others	2	9	1	0	0	3	2.4
Vessels lost	0	0	2	0	1	0	0.6
Fatalities	0	0	4	0	0	2	0.8
Reported incidents (mandatory)	1	1	2	1	1	1	1.2
<b>Foreign Waters</b>							
Shipping accidents	16	15	12	11	12	15	13.2
Accidents aboard ship	4	3	1	3	2	1	2.6
Vessels involved in shipping accidents by type of vessel	22	17	16	13	13	17	16.2
Cargo/OBO/Tanker	11	11	8	9	8	10	9.4
Ferry/Passenger	2	0	1	0	0	0	0.6
Tug/Barge	2	2	6	3	2	6	3.0
Fishing	3	0	0	0	1	0	0.8
Others	4	4	1	1	2	1	2.4
Vessels lost	1	0	0	0	0	0	0.2
Fatalities	0	2	1	1	0	0	0.8
Reported incidents (mandatory)	4	7	3	6	5	3	5.0

Notes:

- Occurrence statistics comprise Canadian-flag vessels as well as foreign-flag vessels in Canadian waters.
- Regions identified are the Transportation Safety Board regions.
- Foreign Waters: occurrences that involve Canadian vessels outside Canadian waters.
- For the Transportation Safety Board definitions of reportable accidents and incidents please see <http://www.tsb.gc.ca/en/stats/marine>.

Source: Transportation Safety Board (figures preliminary as of January 16, 2004)

TABLE A4-14: SMALL CANADIAN VESSELS ENGAGED IN COMMERCIAL ACTIVITY MARINE OCCURRENCES, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Total accidents</b>	<b>63</b>	<b>78</b>	<b>52</b>	<b>54</b>	<b>55</b>	<b>75</b>	<b>60.4</b>
<b>Shipping accidents</b>	<b>59</b>	<b>70</b>	<b>49</b>	<b>50</b>	<b>53</b>	<b>67</b>	<b>56.2</b>
<b>Accidents aboard ship</b>	<b>4</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>4.2</b>
<b>Vessels involved in shipping accidents</b>	<b>65</b>	<b>72</b>	<b>50</b>	<b>54</b>	<b>54</b>	<b>69</b>	<b>59</b>
Cargo/Container	1	0	1	1	1	1	0.8
Tug	31	25	20	22	17	13	23.0
Barge	12	8	5	6	4	7	7.0
Ferry/Passenger/Charter	21	35	22	20	31	44	25.8
Other	0	4	2	5	1	4	2.4
<b>Fatalities</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>5.4</b>
<b>Injuries</b>	<b>11</b>	<b>20</b>	<b>7</b>	<b>7</b>	<b>16</b>	<b>6</b>	<b>12.2</b>
<b>Vessels lost</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>1</b>	<b>4.8</b>
<b>Incidents</b>	<b>29</b>	<b>32</b>	<b>61</b>	<b>44</b>	<b>37</b>	<b>45</b>	<b>40.6</b>

Notes:

- Small vessels are 150 gross registered tonnage (grt) or less. The TSB estimates that the majority of vessels of unknown tonnage are under 15 grt, and these vessels are included.
- Commercial activities include charter, passenger, towing and commerce operations.
- During the year 1999, the TSB commenced to capture the vessel's activity (purpose of voyage) at the time of an occurrence.
- In this table the vessel category was assumed to be the intention of the voyage, when the activity was not reported.
- Ferry/Passenger/Charter includes all vessel categories engaged in this type of activity.
- For the Transportation Safety Board definitions of reportable accidents and incidents please see <http://www.tsb.gc.ca/en/stats/marine>.

Source: Transportation Safety Board (figures preliminary as of January 16, 2004)

TABLE A4-15: SMALL CANADIAN VESSELS ENGAGED IN FISHING ACTIVITY MARINE OCCURRENCES, 1993 – 2003

	1993 – 1997 Average	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Vessels &gt;15 and ≤150 grt</b>								
<b>Shipping accidents</b>	<b>150</b>	<b>115</b>	<b>110</b>	<b>93</b>	<b>98</b>	<b>100</b>	<b>120</b>	<b>103.2</b>
<b>Vessels lost</b>	<b>25.6</b>	<b>17</b>	<b>12</b>	<b>9</b>	<b>20</b>	<b>5</b>	<b>17</b>	<b>12.6</b>
<b>Shipping accident fatalities</b>	<b>3.6</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>3.4</b>
Accidents aboard ship	13.2	8	11	18	11	8	11	11.2
Accident aboard ship fatalities	2.2	1	2	4	0	1	0	1.6
<b>Vessels ≤15 grt</b>								
<b>Shipping accidents</b>	<b>142</b>	<b>91</b>	<b>111</b>	<b>86</b>	<b>95</b>	<b>92</b>	<b>80</b>	<b>95.0</b>
<b>Vessels lost</b>	<b>27.2</b>	<b>13</b>	<b>20</b>	<b>18</b>	<b>16</b>	<b>13</b>	<b>8</b>	<b>16.0</b>
<b>Shipping accident fatalities</b>	<b>5.2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>1.0</b>
Accidents aboard ship	4.0	1	2	5	6	0	5	2.8
Accident aboard ship fatalities	2.0	0	1	0	4	0	1	1.0
<b>Vessels of Unknown grt<sup>1</sup></b>								
<b>Shipping accidents</b>	<b>53.2</b>	<b>29</b>	<b>28</b>	<b>31</b>	<b>26</b>	<b>23</b>	<b>32</b>	<b>27.4</b>
<b>Vessels lost</b>	<b>11.0</b>	<b>10</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>3.8</b>
<b>Shipping accident fatalities</b>	<b>5.4</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>4.6</b>
Accidents aboard ship	2.2	2	3	3	3	2	4	2.6
Accident aboard ship fatalities	1.4	1	3	3	2	3	2	2.4
<b>Total shipping accidents</b>	<b>345.6</b>	<b>235</b>	<b>249</b>	<b>210</b>	<b>219</b>	<b>215</b>	<b>232</b>	<b>225.6</b>
<b>Total vessels lost</b>	<b>63.8</b>	<b>40</b>	<b>34</b>	<b>29</b>	<b>39</b>	<b>20</b>	<b>26</b>	<b>32.4</b>
<b>Total shipping accident fatalities</b>	<b>14.2</b>	<b>14</b>	<b>3</b>	<b>7</b>	<b>10</b>	<b>11</b>	<b>8</b>	<b>9.0</b>
<b>Total accidents aboard ship</b>	<b>19.4</b>	<b>11</b>	<b>16</b>	<b>26</b>	<b>20</b>	<b>10</b>	<b>20</b>	<b>16.6</b>
<b>Total accident aboard ship fatalities</b>	<b>5.6</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>5.0</b>

Notes:

- During the year 1999, the TSB commenced to capture the vessel's activity (purpose of voyage) at the time of an occurrence.
- In this table the vessel type (i.e. fishing) was assumed to be the intention of the voyage, when the activity was not reported.
- For the Transportation Safety Board definitions of reportable accidents and incidents please see <http://www.tsb.gc.ca/en/stats/marine>.

1 Small vessels are 150 gross registered tonnage (grt) or less. The TSB estimates that the majority of vessels of unknown tonnage are under 15 grt, and these vessels are identified.

Source: Transportation Safety Board (figures preliminary as of January 16, 2004)

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-16: AVIATION OCCURRENCES AND CASUALTIES, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2003 Average
<b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>	<b>386</b>	<b>341</b>	<b>320</b>	<b>295</b>	<b>274</b>	<b>296</b>	<b>323.2</b>
Aeroplanes involved <sup>2</sup>	316	286	258	243	210	243	262.6
Airliners	14	6	9	5	6	7	8.0
Commuter aircraft	10	13	4	8	6	9	41.0
Air taxi	108	70	45	37	41	35	60.2
Aerial work	18	18	19	18	12	18	17.0
Corporate	11	6	5	4	2	2	5.6
State	2	2	1	3	4	3	2.4
Private/other <sup>3</sup>	153	171	175	168	139	169	161.2
Helicopters involved	57	46	53	46	56	44	51.6
Other aircraft involved <sup>4</sup>	17	15	12	9	10	12	12.6
<b>Fatal Accidents</b>	<b>31</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>30</b>	<b>31</b>	<b>33.2</b>
Aeroplanes involved	24	28	26	25	22	26	25.0
Airliners	0	1	1	0	0	0	0.4
Commuter aircraft	1	2	1	1	0	0	1.0
Air taxi	8	5	3	5	4	5	5.0
Aerial work	0	1	2	1	1	4	1.0
Corporate	1	2	0	1	0	0	0.8
State	0	0	1	0	2	0	0.6
Private/other	14	17	18	17	15	17	16.2
Helicopters involved	6	4	11	6	6	3	6.6
Other aircraft involved	2	4	1	3	3	3	2.6
<b>Fatalities</b>	<b>85</b>	<b>65</b>	<b>65</b>	<b>61</b>	<b>50</b>	<b>58</b>	<b>65.2</b>
<b>Serious Injuries</b>	<b>49</b>	<b>42</b>	<b>53</b>	<b>35</b>	<b>42</b>	<b>44</b>	<b>44.2</b>
<b>Canadian-Registered Ultralight Aircraft Accidents</b>	<b>39</b>	<b>35</b>	<b>38</b>	<b>35</b>	<b>36</b>	<b>46</b>	<b>36.6</b>
Fatal accidents	5	12	5	6	9	7	7.4
Fatalities	9	19	9	8	12	10	11.4
Serious injuries	7	7	10	8	4	14	7.2
<b>Foreign-Registered Aircraft Accidents in Canada</b>	<b>21</b>	<b>21</b>	<b>18</b>	<b>29</b>	<b>13</b>	<b>30</b>	<b>20.4</b>
Fatal accidents	5	5	7	8	1	6	5.2
Fatalities	236	8	17	10	2	8	54.6
Serious injuries	3	0	2	5	0	3	2.0
<b>All Aircraft: Reportable Incidents</b>	<b>771</b>	<b>699</b>	<b>725</b>	<b>853</b>	<b>865</b>	<b>834</b>	<b>782.6</b>
Risk of collision/Loss of separation	181	168	161	204	194	154	181.6
Declared emergency	226	207	225	255	280	292	238.6
Engine failure	170	155	161	175	160	132	164.2
Smoke/fire	106	87	84	107	100	103	96.8
Collision	4	7	8	19	22	16	12.0
Other	84	75	86	93	109	137	89.4

Notes:

- Figures are preliminary as of February 10, 2004.
- It is important to exercise caution when reading the numbers in the air taxi category because of a reclassification in 1999.
- Before 1999, flight training services were classified as air taxi but are now classified in the private/corporate/state aeroplane category.

1 Ultralight Aircraft excluded.

2 As some accidents may involve multiple aircraft, the number of aircraft involved may differ from the total number of accidents.

3 Other: Contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).

4 Includes gliders, balloons and gyrocopters.

Source: Transportation Safety Board

**TABLE A4-17: CANADIAN-REGISTERED AIRCRAFT INVOLVED IN ACCIDENTS AND ACCIDENT RATES BY OPERATOR TYPE, 1998 – 2003**

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Accidents</b>							
Aeroplanes involved <sup>1</sup>	316	286	258	243	210	243	262.6
Airliners	14	6	9	5	6	7	8.0
Commuter aircraft	10	13	4	8	6	9	41.0
Air taxi	108	70	45	37	41	35	60.2
Aerial work	18	18	19	18	12	18	17.0
State	2	2	1	3	4	3	2.4
Corporate/private/other <sup>3</sup>	164	177	180	172	141	171	166.8
Helicopters involved	57	46	53	46	56	44	51.6
<b>Itinerant Aircraft Movements (thousands)<sup>2</sup></b>							
Aeroplanes	4,015	3,957	3,859	3,586	3,523	3,463	3,788
Airliners	1,487	1,303	1,357	1,127	1,182	1,175	1,291
Commuter aircraft	397	484	445	440	423	491	438
Air taxi	743	740	749	747	636	619	723
State	152	128	134	167	170	179	150
Corporate/private/other	1,236	1,302	1,174	1,105	1,112	999	1,186
Helicopters	419	405	389	385	365	371	393
<b>Total</b>	<b>4,434</b>	<b>4,362</b>	<b>4,248</b>	<b>3,971</b>	<b>3,888</b>	<b>3,834</b>	<b>4,181</b>
<b>Accident Rate (per 100,000 Itinerant Aircraft Movements)</b>							
Aeroplanes	7.9	7.2	6.7	6.8	6.0	7.0	6.9
Airliners	0.9	0.5	0.7	0.4	0.5	0.6	0.6
Commuter aircraft	2.5	2.7	0.9	1.8	1.4	1.8	1.9
Air taxi	14.5	9.5	6.0	5.0	6.4	5.7	8.3
State	1.3	1.6	0.7	1.8	2.4	1.7	1.6
Corporate/private/other	13.3	13.6	15.3	15.6	12.7	17.1	14.1
Helicopters	13.6	11.4	13.6	11.9	15.3	11.9	13.2
<b>Canadian-Registered Aircraft Accident Rate</b>	<b>8.4</b>	<b>7.6</b>	<b>7.3</b>	<b>7.3</b>	<b>6.8</b>	<b>7.5</b>	<b>7.5</b>
<b>Hours Flown (thousands)<sup>3</sup></b>							
Aeroplanes	3,321	3,437	3,377	3,281	3,135	3,200	3,310.3
Airliners	1,210	1,247	1,198	1,168	1,124	1,148	1,189.6
Commuter aircraft	329	344	337	322	311	318	328.6
Air taxi	805	825	792	754	683	651	771.6
Aerial work	173	197	219	242	262	313	218.5
State	174	196	220	240	258	307	217.7
Corporate/private/other	630	629	612	555	496	463	584.3
Helicopters	610	609	604	604	578	590	601.0
<b>Total</b>	<b>3,931</b>	<b>4,046</b>	<b>3,982</b>	<b>3,885</b>	<b>3,713</b>	<b>3,790</b>	<b>3,911.3</b>
<b>Accident Rate (per 100,000 hours flown)</b>							
Aeroplanes	9.5	8.3	7.6	7.4	6.7	7.6	7.9
Airliners	1.2	0.5	0.8	0.4	0.5	0.6	0.7
Commuter aircraft	3.0	3.8	1.2	2.5	1.9	2.8	2.5
Air taxi	13.4	8.5	5.7	4.9	6.0	5.4	7.7
Aerial work	10.4	9.2	8.7	7.4	4.6	5.8	8.0
State	1.1	1.0	0.5	1.2	1.5	1.0	1.1
Corporate/private/other	26.0	28.1	29.4	31.0	28.4	36.9	28.6
Helicopters	9.3	7.6	8.8	7.6	9.7	7.5	8.6
<b>Canadian-Registered Aircraft Accident Rate</b>	<b>9.5</b>	<b>8.2</b>	<b>7.8</b>	<b>7.4</b>	<b>7.2</b>	<b>7.6</b>	<b>7.9</b>
<b>Canadian Civil Aircraft Registered<sup>4</sup></b>							
Aeroplanes	20,830	20,768	20,789	20,851	20,904	20,981	20,828.4
Helicopters	1,676	1,711	1,753	1,798	1,831	1,879	1,753.8
<b>Accident Rates (per 1,000 Canadian Civil Aircraft Registered)</b>							
Aeroplanes	15.2	13.8	12.4	11.7	10.0	11.6	12.6
Helicopters	34.0	26.9	30.2	25.6	30.6	23.4	29.5
<b>Fatal Accident Rates (per 1,000 Canadian Civil Aircraft Registered)</b>							
Aeroplanes	1.2	1.3	1.3	1.2	1.1	1.2	1.2
Helicopters	3.6	2.3	6.3	3.3	3.3	1.6	3.8

1 Source: Transportation Safety Board

- Notes: • Figures are preliminary as of February 10, 2004.
- It is important to exercise caution when reading the numbers in the air taxi category because of a reclassification in 1999.
- Before 1999, flight training services were classified as air taxi but are now classified in the private/corporate/state aeroplane category.
- As some accidents may involve multiple aircraft, the number of aircraft involved may differ from the total number of accidents.
- Other: Contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).
- Ultralight Aircraft excluded.

2 Source: Transport Canada adapted from Air Movement Statistics (AMS)

- Notes: • Itinerant Movements reflect total movements from top 100 airports where Air Traffic Control Towers and Flight Service Stations are in place.
- 1999 figures are estimated.
- Accident rate does not include "Other Aircraft Involved".
- Based on 2002 – 1998 five year average, top 100 airport movements represent 83 per cent of all recorded Itinerant Movements.

3 Source: Transport Canada

- Note: • Figures are preliminary as of March 12, 2004.

4 Source: Canadian Civil Aircraft Register (CCAR)

- Note: • Canadian Civil Aircraft Register (CCAR) includes state aircraft but excludes military aircraft.

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-18A: ACCIDENTS INVOLVING CANADIAN-REGISTERED AIRCRAFT BY PROVINCE, 1998 – 2003

	1998	1999	2000	2001	2002	2003	1998 – 2002 Average
<b>Accidents</b>							
Newfoundland and Labrador	7	5	14	10	6	9	8.4
Prince Edward Island	0	0	1	1	0	1	0.4
Nova Scotia	7	4	9	3	7	1	6
New Brunswick	6	7	5	4	2	1	4.8
Quebec	41	46	55	48	42	55	46.4
Ontario	105	106	73	64	74	81	84.4
Manitoba	29	32	17	28	17	28	24.6
Saskatchewan	21	22	9	18	18	16	17.6
Alberta	62	52	39	36	46	34	47
British Columbia	70	40	68	58	41	54	55.4
Nunavut	0	0	4	2	1	0	1.4
Northwest Territories	13	14	11	12	4	5	10.8
Yukon	8	4	6	4	4	4	5.2
Outside Canada	17	9	9	7	12	7	10.8
<b>Total</b>	<b>386</b>	<b>341</b>	<b>320</b>	<b>295</b>	<b>274</b>	<b>296</b>	<b>323.2</b>
<b>Fatal Accidents</b>							
Newfoundland and Labrador	1	1	2	1	1	2	1.2
Prince Edward Island	0	0	0	0	0	0	0
Nova Scotia	2	0	3	0	2	0	1.4
New Brunswick	0	0	0	0	0	0	0
Quebec	8	5	5	6	6	4	6
Ontario	4	9	4	6	4	12	5.4
Manitoba	2	4	0	2	1	0	1.8
Saskatchewan	2	1	2	0	2	1	1.4
Alberta	4	5	3	2	2	3	3.2
British Columbia	5	8	10	11	9	7	8.6
Nunavut	0	0	3	1	0	0	0.8
Northwest Territories	0	1	1	3	0	0	1
Yukon	0	0	1	0	0	1	0.2
Outside Canada	3	0	4	1	3	1	2.2
<b>Total</b>	<b>31</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>30</b>	<b>31</b>	<b>33.2</b>
<b>Fatalities</b>							
Newfoundland and Labrador	1	1	3	3	2	3	2
Prince Edward Island	0	0	0	0	0	0	0
Nova Scotia	4	0	4	0	2	0	2
New Brunswick	0	0	0	0	0	0	0
Quebec	27	9	8	13	14	8	14.2
Ontario	9	14	5	8	5	28	8.2
Manitoba	5	7	0	4	1	0	3.4
Saskatchewan	5	1	2	0	2	1	2
Alberta	10	8	3	4	3	4	5.6
British Columbia	12	24	19	17	16	12	17.6
Nunavut	0	0	5	3	0	0	1.6
Northwest Territories	0	1	3	8	0	0	2.4
Yukon	0	0	2	0	0	1	0.4
Outside Canada	12	0	11	1	5	1	5.8
<b>Total</b>	<b>85</b>	<b>65</b>	<b>65</b>	<b>61</b>	<b>50</b>	<b>58</b>	<b>65.2</b>

Notes:

- Figures are preliminary as of February 10, 2004.
- Ultralight Aircraft excluded.
- As some accidents may involve multiple aircraft, the number of aircraft involved may differ from the total number of accidents.
- Includes gliders, balloons and gyrocopters.

Source: Transportation Safety Board



**TABLE A4-18B: AIRCRAFT MOVEMENTS AND ACCIDENTS RATES INVOLVING CANADIAN-REGISTERED AIRCRAFT BY PROVINCE, 1998 – 2003**

	1998	1999	2000	2001	2002	2003	1997 – 2002 Average
<b>Itinerant Aircraft Movements (thousands)</b>							
Newfoundland and Labrador	117	109	107	105	94	121	106
Prince Edward Island	19	20	15	12	11	12	16
Nova Scotia	111	97	95	83	79	78	93
New Brunswick	107	97	90	82	85	78	92
Quebec	568	569	555	536	507	492	547
Ontario	1,194	1,210	1,208	1,111	1,112	1,042	1,167
Manitoba	255	262	247	241	231	231	247
Saskatchewan	192	166	161	146	151	135	163
Alberta	638	663	631	616	594	600	629
British Columbia	1,120	1,025	1,023	921	913	930	1,000
Nunavut	24	36	27	26	27	28	28
Northwest Territories	66	83	71	72	67	74	72
Yukon	21	25	19	18	16	15	20
<b>Total</b>	<b>4,432</b>	<b>4,362</b>	<b>4,249</b>	<b>3,969</b>	<b>3,887</b>	<b>3,836</b>	<b>4,180</b>
<b>Accident Rate (per 100,000 Itinerant Aircraft Movements)</b>							
Newfoundland and Labrador	6.0	4.6	13.1	9.5	6.4	7.4	7.9
Prince Edward Island	0.0	0.0	6.7	8.3	0.0	8.3	3.0
Nova Scotia	6.3	4.1	9.5	3.6	8.9	1.3	6.5
New Brunswick	5.6	7.2	5.6	4.9	2.4	1.3	5.1
Quebec	7.2	8.1	9.9	9.0	8.3	11.2	8.5
Ontario	8.8	8.8	6.0	5.8	6.7	7.8	7.2
Manitoba	11.4	12.2	6.9	11.6	7.4	12.1	9.9
Saskatchewan	10.9	13.3	5.6	12.3	11.9	11.9	10.8
Alberta	9.7	7.8	6.2	5.8	7.7	5.7	7.5
British Columbia	6.3	3.9	6.6	6.3	4.5	5.8	5.5
Nunavut	0.0	0.0	14.8	7.7	3.7	0.0	5.2
Northwest Territories	19.7	16.9	15.5	16.7	6.0	6.8	14.9
Yukon	38.1	16.0	31.6	22.2	25.0	26.7	26.6
<b>Canadian-Registered Aircraft Accident Rate</b>	<b>8.4</b>	<b>7.6</b>	<b>7.3</b>	<b>7.3</b>	<b>6.8</b>	<b>7.5</b>	<b>7.5</b>

Notes:

- Itinerant Movements reflect total movements from top 100 airports where Air Traffic Control Towers and Flight Service Stations are in place.
- Based on 2002 – 1998 five year average. Top 100 airport movements represent 83 per cent of all recorded Itinerant Movements.
- 1999 figures are estimated.
- Accident rate does not include “Other Aircraft Involved”.

Source: Transport Canada adapted from Air Movement Statistics (AMS)

**TABLE A4-19A: REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS BY MODE AND PHASE OF TRANSPORT, 1998 – 2003**

Year	----- In-transit -----				Subtotal	Not-in-transit	Total
	Road	Rail	Air	Marine			
1998	178	11	4	0	193	239	432
1999	185	17	3	0	205	274	479
2000	234	18	4	3	259	215	474
2001	182	11	6	3	202	234	436
2002 <sup>1</sup>	170	16	8	1	195	244	439
1998 – 2002 Average	190	15	5	1	211	241	452
2003 <sup>2</sup>	102	5	5	1	113	245	358

Notes:

- The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.
- Dangerous goods accidents are “Reportable” if they meet the reporting requirements defined in 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 occurred during actual transport. “Not-in-transit” accidents are those that took place at facilities where the goods are prepared for transport or stored in the course of transport. Many of these accidents occur in warehouses while the goods are being handled prior to loading or after unloading.
- Minor injuries refer to those injuries that require first-aid treatment, moderate injuries involve emergency hospital treatment, and major injuries require overnight hospitalization.
- The decrease in reportable accidents is largely attributed to changes in the accident-reporting requirements contained in the Clear Language version of the TDG Regulations, which came into force on August 15, 2002. The new requirements are solely based upon the dangerous goods quantity released at the accident.

1 Revised figures.

2 2003 accident data is preliminary based on accidents reported to TDG.

Source: Transport Canada, Dangerous Goods Accident Information System

**TABLE A4-19B: DEATHS AND INJURIES CAUSED BY THE DANGEROUS GOODS AT REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS, 1998 – 2003**

Year	Deaths	Injuries			Totals
		Major	Moderate	Minor	
1998	2	1	36	12	49
1999	2	11	16	12	39
2000	2	5	22	12	39
2001	0	8	20	16	44
2002 <sup>1</sup>	1	3	17	2	22
1998 – 2002 Average	1.4	6	22	11	39
2003 <sup>2</sup>	0	1	6	0	7

- Notes:
- The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.
  - Dangerous goods accidents are “Reportable” if they meet the reporting requirements defined in 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 occurred during actual transport. “Not-intransit” accidents are those that took place at facilities where the goods are prepared for transport or stored in the course of transport. Many of these accidents occur in warehouses while the goods are being handled prior to loading or after unloading.
  - Minor injuries refer to those injuries that require first-aid treatment, moderate injuries involve emergency hospital treatment, and major injuries require overnight hospitalization.
  - The decrease in reportable accidents is largely attributed to changes in the accident-reporting requirements contained in the Clear Language version of the TDG Regulations, which came into force on August 15, 2002. The new requirements are solely based upon the dangerous goods quantity released at the accident.

1 Revised figures.  
2 2003 accident data is preliminary based on accidents reported to TDG.

Source: Transport Canada, Dangerous Goods Accident Information System

**TABLE A4-19C: TOTAL<sup>5</sup> DEATHS AND INJURIES AT REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS, 1998 – 2003**

Year	Deaths	Injuries			Totals
		Major	Moderate	Minor	
1998	13	38	56	15	109
1999	28 <sup>3</sup>	84 <sup>3</sup>	143 <sup>4</sup>	19	246
2000 <sup>1</sup>	20	53	50	19	122
2001	24	46	33	20	99
2002 <sup>1</sup>	12	25	42	5	72
1998 – 2002 Average	19	49	65	16	130
2003 <sup>2</sup>	5	21	17	1	39

- Notes:
- The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.
  - Dangerous goods accidents are “Reportable” if they meet the reporting requirements defined in 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 occurred during actual transport. “Not-intransit” accidents are those that took place at facilities where the goods are prepared for transport or stored in the course of transport. Many of these accidents occur in warehouses while the goods are being handled prior to loading or after unloading.
  - Minor injuries refer to those injuries that require first-aid treatment, moderate injuries involve emergency hospital treatment, and major injuries require overnight hospitalization.
  - The decrease in reportable accidents is largely attributed to changes in the accident-reporting requirements contained in the Clear Language version of the TDG Regulations, which came into force on August 15, 2002. The new requirements are solely based upon the dangerous goods quantity released at the accident.

1 Revised figures.  
2 2003 accident data is preliminary based on accidents reported to TDG.  
3 Seven deaths and 45 injuries were due to a multiple highway vehicle collision in Windsor, Ontario. However, no deaths or injuries were due to the dangerous goods themselves.  
4 98 passengers were injured in a train collision with three hopper railway vehicles in Thamesford, Ontario.  
5 Total includes deaths and injuries caused by the dangerous goods, as detailed in Table A4-18B.

Source: Transport Canada, Dangerous Goods Accident Information System

**TABLE A6-1: RAILWAY RATIONALIZATION BY PROVINCE, 1990 – 2003**

(Route-kilometres)

		<i>British Columbia</i>	<i>Alberta</i>	<i>Saskatchewan</i>	<i>Manitoba</i>	<i>Ontario</i>	<i>Quebec</i>	<i>New Brunswick</i>	<i>Nova Scotia</i>	<i>Northwest Territories</i>	<i>Total</i>
Discontinuances	CP	510	775	986	137	409	784	412	231		<b>4,244</b>
	CN	5	381	647	880	1,548	499	79	227	87	<b>4,353</b>
	Other		560	69		192			19		<b>839</b>
	Total	516	1,716	1,702	1,017	2,148	1,283	491	477	87	<b>9,437</b>
Transfers	CP	371	214	682		967	1,308	202	85		<b>3,829</b>
	CN	168	2,224	1,023	1,727	1,015	995	349	378	122	<b>8,002</b>
	Other		360			67	397		40		<b>864</b>
	Total	539	2,799	1,705	1,727	2,049	2,699	552	503	122	<b>12,695</b>
<b>Total</b>	<b>CP</b>	<b>881</b>	<b>989</b>	<b>1,667</b>	<b>137</b>	<b>1,376</b>	<b>2,092</b>	<b>615</b>	<b>316</b>		<b>8,073</b>
	<b>CN</b>	<b>174</b>	<b>2,605</b>	<b>1,670</b>	<b>2,607</b>	<b>2,563</b>	<b>1,494</b>	<b>428</b>	<b>605</b>	<b>210</b>	<b>12,355</b>
	<b>Other</b>		<b>920</b>	<b>69</b>		<b>259</b>	<b>397</b>		<b>59</b>		<b>1,703</b>
	<b>Total</b>	<b>1,055</b>	<b>4,514</b>	<b>3,406</b>	<b>2,744</b>	<b>4,197</b>	<b>3,982</b>	<b>1,043</b>	<b>980</b>	<b>210</b>	<b>22,131</b>

Source: Transport Canada

**TABLE A6-2: RAILWAY RATIONALIZATION BY PROVINCE, 2003**

(Route-kilometres)

		<i>British Columbia</i>	<i>Alberta</i>	<i>Saskatchewan</i>	<i>Manitoba</i>	<i>Ontario</i>	<i>Quebec</i>	<i>New Brunswick</i>	<i>Nova Scotia</i>	<i>Northwest Territories</i>	<i>Total</i>
Discontinuances	CP										
	CN										
	Other										
	Total										
Transfers	CP							13			<b>13</b>
	CN			339							<b>339</b>
	Other						397				<b>397</b>
	Total			339			397	13			<b>748</b>
<b>Total</b>	<b>CP</b>							<b>13</b>			<b>13</b>
	<b>CN</b>			<b>339</b>							<b>339</b>
	<b>Other</b>						<b>397</b>				<b>397</b>
	<b>Total</b>			<b>339</b>			<b>397</b>	<b>13</b>			<b>748</b>

Source: Transport Canada

**TABLE A6-3: RAILWAY REVENUES, 1990 – 2002**

(Millions of dollars)													
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
CN	3,385	3,469	3,440	3,417	3,690	3,517	3,534	3,947	3,727	3,742	3,880	3,917	3,971
CP	2,488	2,549	2,338	2,477	2,736	2,611	2,616	2,830	2,709	2,760	2,945	2,950	2,943
VIA	487	469	476	480	604	408	378	384	360	372	387	399	407
<b>Subtotal Class I</b>	<b>6,360</b>	<b>6,488</b>	<b>6,254</b>	<b>6,374</b>	<b>7,030</b>	<b>6,536</b>	<b>6,528</b>	<b>7,162</b>	<b>6,796</b>	<b>6,874</b>	<b>7,212</b>	<b>7,266</b>	<b>7,321</b>
Regional	522	528	524	491	533	543	531	542	513	497	519	495	502
Shortlines	96	95	87	94	79	90	134	172	249	311	369	384	392
<b>Total</b>	<b>6,977</b>	<b>7,110</b>	<b>6,865</b>	<b>6,959</b>	<b>7,641</b>	<b>7,168</b>	<b>7,194</b>	<b>7,877</b>	<b>7,558</b>	<b>7,682</b>	<b>8,101</b>	<b>8,145</b>	<b>8,215</b>

Source: Transport Canada, Statistics Canada

**TABLE A6-4: RAILWAY EMPLOYMENT, 1990 – 2002**

Total Employees													
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	61,077	58,343	56,476	53,445	49,945	46,153	42,633	41,114	39,615	37,759	35,422	34,016	32,005
Regional	5,647	5,300	4,684	4,712	4,652	4,475	4,338	4,178	3,947	3,854	3,674	3,710	3,258
Shortline	559	553	523	466	497	517	694	1,179	1,553	1,633	1,830	2,090	2,014
<b>Total</b>	<b>67,283</b>	<b>64,196</b>	<b>61,683</b>	<b>58,623</b>	<b>55,094</b>	<b>51,145</b>	<b>47,665</b>	<b>46,471</b>	<b>45,115</b>	<b>43,246</b>	<b>40,926</b>	<b>39,816</b>	<b>37,278</b>

(Percentage of total)

Class I	90.8	90.9	91.6	91.2	90.7	90.2	89.4	88.5	87.8	87.3	86.6	85.4	85.9
Regional	8.4	8.3	7.6	8.0	8.4	8.7	9.1	9.0	8.7	8.9	9.0	9.3	8.7
Shortline	0.8	0.9	0.8	0.8	0.9	1.0	1.5	2.5	3.4	3.8	4.5	5.2	5.4

Railway Compensation (Millions of dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	2,573.4	2,561.9	2,623.4	2,556.0	2,462.0	2,415.9	2,247.1	2,253.0	2,236.9	2,223.5	2,151.0	2,133.5	2,066.4
Regional	184.1	187.3	196.9	186.0	194.8	204.4	201.0	193.0	188.0	179.2	184.0	185.0	177.6
Shortline	22.6	23.5	23.3	17.7	21.5	22.3	35.3	55.6	78.3	88.3	96.6	113.5	111.9
<b>Total</b>	<b>2,780.1</b>	<b>2,772.7</b>	<b>2,843.6</b>	<b>2,759.7</b>	<b>2,678.4</b>	<b>2,642.6</b>	<b>2,483.4</b>	<b>2,501.6</b>	<b>2,503.1</b>	<b>2,491.0</b>	<b>2,431.6</b>	<b>2,432.0</b>	<b>2,355.9</b>

(Percentage of total)

Class I	92.6	92.4	92.3	92.6	91.9	91.4	90.5	90.1	89.4	89.3	88.5	87.7	87.7
Regional	6.6	6.8	6.9	6.7	7.3	7.7	8.1	7.7	7.5	7.2	7.6	7.6	7.5
Shortline	0.8	0.8	0.8	0.6	0.8	0.8	1.4	2.2	3.1	3.5	4.0	4.7	4.7

Compensation per Employee

Class I	42,134	43,911	46,452	47,825	49,295	52,346	52,709	54,798	56,465	58,887	60,724	62,720	64,564
Regional	32,597	35,335	42,028	39,477	41,876	45,670	46,337	46,200	47,623	46,494	50,083	49,871	54,520
Shortline	40,387	42,470	44,632	37,963	43,323	43,151	50,802	47,201	50,429	54,091	52,779	54,321	55,554

Source: Transport Canada, Statistics Canada

**TABLE A6-5: RAILWAY FUEL CONSUMPTION, 1990 – 2002**

(Millions of litres)													
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	1,889	1,960	1,881	1,870	1,984	1,970	1,916	2,003	1,807	1,739	1,762	1,772	1,808
Regional	130	132	125	131	143	151	148	168	147	136	145	139	125
Shortline	20	18	19	19	18	23	26	32	53	73	87	89	85
<b>Total</b>	<b>2,039</b>	<b>2,110</b>	<b>2,026</b>	<b>2,019</b>	<b>2,145</b>	<b>2,143</b>	<b>2,090</b>	<b>2,203</b>	<b>2,007</b>	<b>1,948</b>	<b>1,993</b>	<b>2,000</b>	<b>2,019</b>

Source: Transport Canada, Statistics Canada

**TABLE A6-6: REVENUE TONNE-KILOMETRES, 1990 – 2002**

(Millions of tonne-kilometres)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	224,751.0	236,985.6	228,328.7	234,478.3	262,855.6	254,150.0	256,994.6	278,642.2	268,736.7	271,495.6	291,678.5	292,916.6	292,195.7
Regional	22,055.6	22,180.6	20,900.6	20,550.7	23,082.3	23,997.4	23,099.9	23,981.3	23,771.5	21,253.9	23,273.4	20,847.5	19,773.3
Shortline	1,561.2	1,213.4	1,217.4	1,085.7	1,126.0	1,492.1	1,833.7	4,431.2	7,717.2	8,661.1	8,638.3	8,719.8	9,980.5
<b>Total</b>	<b>248,367.9</b>	<b>260,379.6</b>	<b>250,446.7</b>	<b>256,114.8</b>	<b>287,063.9</b>	<b>279,639.6</b>	<b>281,928.2</b>	<b>307,054.7</b>	<b>300,225.5</b>	<b>301,410.5</b>	<b>323,590.2</b>	<b>322,483.9</b>	<b>321,949.5</b>

(Percentage of total)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	90.5	91.0	91.2	91.6	91.6	90.9	91.2	90.7	89.5	90.1	90.1	90.8	90.8
Regional	8.9	8.5	8.3	8.0	8.0	8.6	8.2	7.8	7.9	7.1	7.2	6.5	6.1
Shortline	0.6	0.5	0.5	0.4	0.4	0.5	0.7	1.4	2.6	2.9	2.7	2.7	3.1

Source: Transport Canada, Statistics Canada

**TABLE A6-7: TRAFFIC RECEIVED AND FORWARDED BY CLASS II CARRIERS,<sup>1</sup> 1996 – 2002**

(Millions of tonnes)

	Received only	Forwarded only	Received and Forwarded
1996	3.00	10.36	0.12
1997	4.77	13.12	0.17
1998	7.47	16.70	0.49
1999	8.13	18.51	0.50
2000	8.68	18.94	0.47
2001	8.57	18.48	0.48
2002	8.08	19.48	0.35

Notes: Received only: applies to movements in which a Class II carrier was involved by only receiving from CN or CP.  
 Forwarded only: applies to movements in which a Class II carrier was involved by only forwarding to CN or CP.  
 Received and Forwarded: applies to movements in which one or more Class II carriers received from and forwarded to CN and CP.

<sup>1</sup> Does not include U.S.-based carriers operating in Canada.

Source: Transport Canada

**TABLE A6-8: TONNAGE ORIGINATING BY RAILWAY SECTOR, 1990 – 2002**

(Thousands of tonnes)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	184,632.9	189,787.9	182,105.2	185,118.9	208,015.4	207,980.7	207,927.3	224,375.7	216,222.3	220,617.5	230,359.1	230,625.4	227,355.8
Regional	55,939.2	56,643.9	52,429.4	51,036.4	56,884.2	58,024.7	56,761.3	57,256.1	56,157.3	49,654.9	54,320.4	48,677.9	46,122.0
Shortline	24,594.1	23,092.6	23,423.9	21,678.7	24,148.0	26,258.6	28,359.6	41,593.7	56,572.4	62,543.9	66,711.2	62,315.2	70,818.9
<b>Total</b>	<b>265,166.1</b>	<b>269,524.4</b>	<b>257,958.5</b>	<b>257,834.0</b>	<b>289,047.7</b>	<b>292,264.0</b>	<b>293,048.2</b>	<b>323,225.5</b>	<b>328,952.1</b>	<b>332,816.4</b>	<b>351,390.6</b>	<b>341,618.4</b>	<b>344,296.8</b>

(Percentage of total)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Class I	69.6	70.4	70.6	71.8	72.0	71.2	71.0	69.4	65.7	66.3	65.6	67.5	66.0
Regional	21.1	21.0	20.3	19.8	19.7	19.9	19.4	17.7	17.1	14.9	15.5	14.2	13.4
Shortline	9.3	8.6	9.1	8.4	8.4	9.0	9.7	12.9	17.2	18.8	19.0	18.2	20.6

Note: Figures include significant double-counting of tonnages; not to be considered as originating traffic.

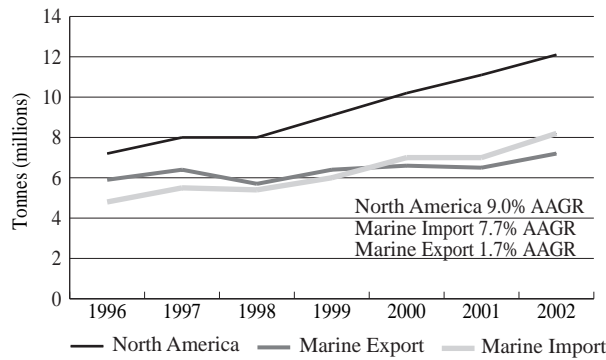
Source: Transport Canada, Statistics Canada

**TABLE A6-9: ANNUAL RAIL CAR LOADINGS BY COMMODITY, 1992 – 2003**

	<b>Total Tonnes Loaded by Commodity</b>											
	<b>(Thousands)</b>											
	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>	<i>1996</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Grain	36,922.2	31,430.6	39,064.7	31,474.7	30,197.9	35,757.1	28,152.6	26,520.9	30,844.5	30,429.5	21,844.3	22,788.1
Other agricultural and food products	3,372.9	3,679.0	4,053.9	4,157.2	3,903.6	4,139.9	4,862.9	6,320.2	7,614.4	6,990.2	5,831.3	6,495.6
Coal	33,554.1	35,213.7	37,931.1	40,352.9	40,403.9	42,105.5	39,166.2	42,411.4	40,437.4	41,518.0	37,003.1	31,771.3
Fertilizer materials	20,929.3	19,828.9	23,597.9	25,334.1	25,180.8	27,846.1	26,922.0	25,992.8	27,129.5	24,472.2	26,121.4	27,630.6
Iron ore and concentrates (including pellets)	33,626.6	31,405.6	37,587.6	39,076.3	36,938.0	39,253.6	38,802.7	32,252.4	38,589.3	28,976.6	30,090.6	32,918.8
Ores and mine products	17,365.7	20,470.1	21,131.8	20,535.1	19,819.0	21,682.3	21,455.7	22,982.3	24,754.7	25,085.1	25,516.9	23,207.9
Processed forest products	16,472.0	18,021.9	18,320.3	17,934.9	17,965.5	17,355.4	19,653.2	22,502.7	23,227.6	23,465.5	25,198.2	25,048.7
Non-processed forest products	17,193.9	18,326.4	21,039.1	22,230.9	22,703.2	24,270.8	16,653.7	16,599.3	16,625.8	16,448.8	19,334.1	17,523.5
<b>Total forest</b>	<b>33,665.8</b>	<b>36,348.3</b>	<b>39,359.4</b>	<b>40,165.8</b>	<b>40,668.7</b>	<b>41,626.2</b>	<b>36,306.9</b>	<b>39,102.1</b>	<b>39,853.3</b>	<b>39,914.3</b>	<b>44,532.4</b>	<b>42,572.2</b>
Ferrous and non-ferrous metals	6,686.8	7,821.3	8,171.0	8,119.5	8,256.6	8,611.4	8,948.8	9,133.8	9,253.3	9,674.6	10,720.3	10,634.0
Autos and parts	2,795.1	3,021.7	3,386.7	3,609.9	3,498.3	4,117.2	3,573.7	4,915.1	5,082.6	4,869.7	5,199.2	5,316.0
Refined petroleum products	6,584.7	5,012.8	4,373.1	4,939.1	4,701.2	5,202.8	10,529.0	10,937.4	11,339.6	12,003.4	13,641.8	14,368.5
Chemicals	12,878.4	13,123.5	13,871.6	13,704.5	13,274.9	13,582.7	15,112.5	13,512.6	14,517.5	14,269.6	15,051.9	14,429.6
Miscellaneous	4,446.6	4,877.1	5,151.7	4,670.7	4,759.6	4,983.1	5,169.5	1,751.0	1,801.6	1,781.8	1,468.4	1,353.0
Carload traffic loaded	208,765.4	212,232.8	237,680.7	236,139.7	231,602.5	248,908.0	239,002.6	235,831.9	251,217.9	239,985.0	237,021.5	233,485.6
Intermodal	11,186.0	12,147.6	15,268.5	15,967.7	16,517.7	17,703.7	17,607.3	23,712.5	21,917.9	22,610.1	24,798.4	26,323.6
<b>Total</b>	<b>219,951.4</b>	<b>224,380.4</b>	<b>252,949.2</b>	<b>252,107.5</b>	<b>248,120.1</b>	<b>266,611.7</b>	<b>256,609.9</b>	<b>259,544.4</b>	<b>273,135.8</b>	<b>262,595.1</b>	<b>261,819.9</b>	<b>259,809.2</b>
<b>Western Tonnes Loaded by Commodity</b>												
<b>(Thousands)</b>												
	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>	<i>1996</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Grain	36,052.1	30,402.5	38,070.8	30,407.0	29,207.9	34,870.3	27,390.0	25,492.1	29,989.2	29,821.5	21,362.5	22,064.7
Other agricultural and food products	2,310.8	2,558.5	3,133.7	3,340.9	2,994.0	3,134.1	3,960.7	5,173.3	6,473.4	5,895.1	4,344.2	4,915.3
Coal	28,368.4	30,974.1	34,084.9	37,620.1	37,272.4	39,195.4	36,964.6	38,925.4	36,702.7	36,915.4	33,155.5	28,480.8
Fertilizer materials	18,495.7	17,680.9	21,113.6	22,984.2	22,571.1	25,841.0	25,274.1	24,600.1	25,233.2	22,381.5	23,887.4	25,161.8
Iron ore and concentrates (including pellets)	6.1	3.8	9.9	0.0	0.2	1.0	2.2	0.1	0.0	10.0	0.1	0.0
Ores and mine products	3,542.3	3,834.2	3,829.7	3,997.3	3,973.2	4,499.3	4,623.9	4,922.7	5,720.2	5,350.2	5,567.4	5,514.7
Processed forest products	9,900.1	10,521.7	10,545.7	10,103.9	10,227.1	9,721.8	11,175.9	11,205.5	11,592.6	12,082.8	13,365.9	13,487.5
Non-processed forest products	12,319.8	12,364.6	13,800.6	14,464.4	14,103.9	15,361.6	12,490.4	11,492.0	11,207.7	11,117.6	12,657.8	11,451.2
Ferrous and non-ferrous metals	1,461.8	1,650.6	1,869.6	1,738.5	1,963.1	1,959.8	2,111.6	2,165.8	2,241.0	2,135.2	2,335.3	2,209.2
Autos and parts	317.0	263.4	286.0	257.6	282.4	381.2	400.8	373.2	397.8	513.8	554.6	486.6
Refined petroleum products	2,361.7	2,150.2	2,103.2	2,586.9	2,569.3	2,386.8	3,745.8	4,520.5	4,725.4	4,657.4	5,499.0	5,663.2
Chemicals	6,133.9	6,053.8	6,739.2	7,135.5	6,871.4	6,556.4	6,767.2	6,584.2	6,963.7	7,072.1	7,495.3	7,202.9
Miscellaneous	2,006.2	2,254.8	2,227.1	1,966.6	2,089.9	2,188.2	2,633.2	473.7	646.4	738.4	541.4	456.2
Carload traffic loaded	121,468.9	120,713.1	137,814.1	136,602.8	134,125.8	146,096.8	137,540.4	135,928.8	141,893.3	138,690.8	130,766.4	127,094.1
Intermodal	3,446.9	3,632.3	4,974.2	5,332.6	5,502.0	5,875.2	6,248.3	8,987.4	8,138.8	8,568.1	9,866.1	10,399.1
<b>Total</b>	<b>124,915.8</b>	<b>124,345.4</b>	<b>142,788.3</b>	<b>141,935.4</b>	<b>139,627.8</b>	<b>151,972.0</b>	<b>143,788.7</b>	<b>144,916.2</b>	<b>150,032.1</b>	<b>147,258.9</b>	<b>140,632.5</b>	<b>137,493.2</b>
<b>Eastern Tonnes Loaded by Commodity</b>												
<b>(Thousands)</b>												
	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>	<i>1996</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>
Grain	870.0	1,028.1	993.9	1,067.7	990.0	886.8	762.7	1,028.8	855.3	608.0	481.8	723.4
Other agricultural and food products	1,062.1	1,120.6	920.2	816.3	909.6	1,005.8	902.2	1,146.9	1,141.0	1,095.1	1,487.1	1,580.3
Coal	5,185.7	4,239.7	3,846.2	2,732.8	3,131.4	2,910.2	2,201.6	3,486.0	3,734.8	4,602.6	3,847.6	3,290.5
Fertilizer materials	2,433.6	2,148.0	2,484.3	2,349.8	2,609.7	2,005.1	1,647.9	1,392.7	1,896.3	2,090.7	2,234.0	2,468.8
Iron ore and concentrates (including pellets)	33,620.5	31,401.8	37,577.7	39,076.3	36,937.8	39,252.6	38,800.5	32,252.2	38,589.3	28,966.7	30,090.5	32,918.8
Ores and mine products	13,823.3	16,635.9	17,302.1	16,537.8	15,845.8	17,183.0	16,831.8	18,059.6	19,034.5	19,734.9	19,949.5	17,693.3
Processed forest products	6,571.8	7,500.1	7,774.6	7,831.0	7,738.5	7,633.6	8,477.3	11,297.2	11,634.9	11,382.7	11,832.3	11,561.2
Non-processed forest products	4,874.1	5,961.8	7,238.5	7,766.6	8,599.3	8,909.3	4,163.3	5,107.3	5,418.0	5,331.2	6,676.4	6,072.3
Ferrous and non-ferrous metals	5,225.1	6,170.7	6,301.3	6,381.0	6,293.5	6,651.7	6,837.2	6,968.0	7,012.3	7,539.4	8,385.0	8,424.9
Autos and parts	2,478.1	2,758.3	3,100.7	3,352.3	3,216.0	3,736.0	3,172.9	4,541.9	4,684.8	4,355.9	4,644.7	4,829.4
Refined petroleum products	4,223.0	2,862.7	2,269.9	2,352.2	2,131.9	2,816.0	6,783.2	6,416.9	6,614.1	7,346.0	8,142.8	8,705.4
Chemicals	6,744.5	7,069.7	7,132.5	6,569.0	6,403.5	7,026.3	8,345.3	6,928.4	7,553.9	7,197.5	7,556.5	7,226.6
Miscellaneous	2,440.4	2,622.3	2,924.6	2,704.1	2,699.7	2,794.9	2,536.4	1,277.3	1,155.3	1,043.5	927.0	896.8
Carload traffic loaded	87,296.5	91,519.8	99,866.6	99,537.0	97,476.7	102,811.2	101,462.3	99,903.1	109,324.5	101,294.2	106,255.1	106,391.5
Intermodal	7,739.1	8,515.3	10,294.3	10,635.1	11,015.7	11,828.6	11,358.9	14,725.1	13,779.1	14,042.0	14,932.3	15,924.5
<b>Total</b>	<b>95,035.6</b>	<b>100,035.0</b>	<b>110,160.9</b>	<b>110,172.1</b>	<b>108,492.3</b>	<b>114,639.8</b>	<b>112,821.2</b>	<b>114,628.2</b>	<b>123,103.7</b>	<b>115,336.3</b>	<b>121,187.4</b>	<b>122,316.0</b>

Source: Statistics Canada, Cat. 52-001; Transport Canada

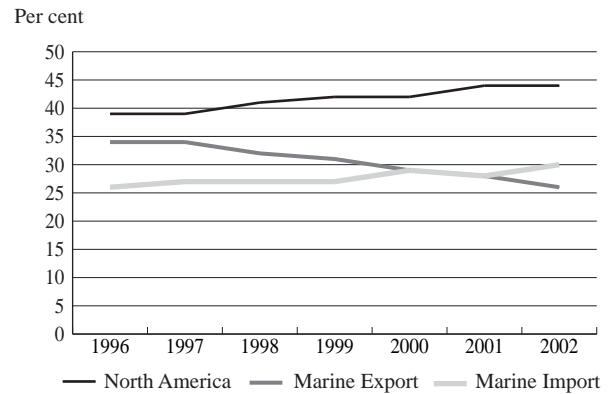
FIGURE A6-1: RAIL INTERMODAL TRAFFIC, 1996 – 2002



Note: AAGR: average annual growth rate.

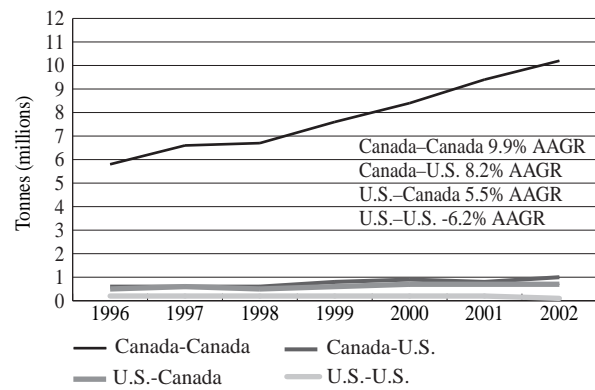
Source: Statistics Canada, Cat. 52-001; Transport Canada [ed. is source correct for these 4?]

FIGURE A6-3: SEGMENT SHARE OF RAIL INTERMODAL TRAFFIC, 1996 – 2002



Source: Statistics Canada, Cat. 52-001; Transport Canada

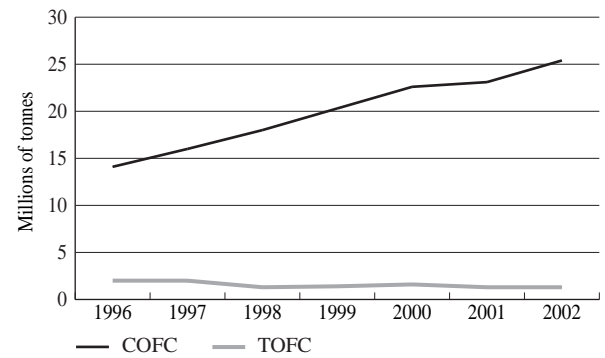
FIGURE A6-2: ORIGIN AND DESTINATION OF DOMESTIC INTERMODAL TRAFFIC, 1996 – 2002



Note: AAGR: average annual growth rate.

Source: Statistics Canada, Cat. 52-001; Transport Canada

FIGURE A6-4: RAIL COFC AND TOFC GROWTH, 1996 – 2002



Note: COFC: container on flat car; TOFC: trailer on flat car.

Source: Statistics Canada, Cat. 52-001; Transport Canada

**TABLE A6-10: VOLUME OF RAIL EXPORTS AND IMPORTS BY COMMODITY, 1996 – 2003**

(Thousands of tonnes)

<i>Exports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Agricultural and food	1,266.8	1,299.0	1,483.3	1,461.3	1,628.8	1,654.9	1,382.5	1,754.6
Automotive	2,079.3	2,235.8	2,024.7	2,738.8	2,923.0	2,694.1	2,903.4	3,031.1
Chemicals	8,688.5	8,962.8	8,908.7	8,893.6	9,171.2	8,811.2	9,835.5	9,807.4
Coal	760.4	331.2	464.9	409.6	1,216.3	1,563.1	2,156.8	1,634.4
Fertilizer materials	7,028.8	8,147.0	8,286.8	7,955.0	8,559.0	7,958.3	7,973.5	9,033.5
Forest	17,399.0	18,368.9	19,724.1	21,176.0	22,613.1	23,509.6	24,825.7	25,910.9
Grains	2,676.1	3,917.5	4,228.2	4,617.1	4,815.3	5,411.5	4,125.7	3,251.6
Iron ore	44.9	75.9	24.3	50.9	52.0	140.1	405.3	333.6
Metals	3,254.8	3,372.5	3,545.3	3,503.8	3,969.9	3,922.9	4,223.3	4,747.9
Miscellaneous	801.0	940.5	1,112.9	1,341.6	2,114.0	2,024.9	1,212.6	2,167.5
Other mine products	3,391.1	3,279.5	3,671.8	4,070.6	4,108.1	3,336.5	3,359.5	4,424.6
Petroleum	2,700.9	2,841.5	3,209.7	3,373.4	3,751.9	4,134.9	4,298.3	4,709.9
<b>Totals</b>	<b>50,091.4</b>	<b>53,772.0</b>	<b>56,684.8</b>	<b>59,591.8</b>	<b>64,922.4</b>	<b>65,162.0</b>	<b>66,702.0</b>	<b>70,807.0</b>
<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Agricultural and food	1,357.5	1,575.1	1,569.6	2,180.0	2,371.8	3,320.9	2,628.0	3,027.4
Automotive	1,192.2	1,413.8	1,292.6	1,308.3	1,426.1	1,318.9	1,227.2	1,027.5
Chemicals	3,451.5	4,018.0	4,316.3	4,509.2	4,785.1	5,011.9	5,026.3	5,358.4
Coal	74.5	149.9	178.3	161.3	151.4	101.2	137.7	124.5
Fertilizer materials	73.5	73.2	81.1	69.2	85.3	52.9	67.0	66.8
Forest	1,167.4	1,207.0	1,204.9	1,122.3	2,272.8	1,250.0	1,190.9	1,314.5
Grains	354.0	524.3	415.5	466.0	665.0	1,873.1	2,433.7	2,023.1
Iron ore	128.1	460.2	59.1	356.1	488.2	1,382.5	1,298.8	1,515.7
Metals	1,342.0	2,009.5	1,672.2	1,730.4	1,654.4	1,486.6	1,512.1	1,827.2
Miscellaneous	1,894.8	2,027.6	1,950.7	1,648.2	1,900.0	2,081.3	1,903.8	2,347.9
Other mine products	885.6	836.3	1,752.1	2,195.8	2,333.2	2,442.1	992.4	929.3
Petroleum	617.8	473.8	713.4	407.7	526.6	563.5	655.9	988.0
<b>Totals</b>	<b>12,538.9</b>	<b>14,768.8</b>	<b>15,205.8</b>	<b>16,154.6</b>	<b>18,667.3</b>	<b>20,898.0</b>	<b>19,072.7</b>	<b>20,550.3</b>

Note: Tonnage estimated by Statistics Canada

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-11: VALUE OF RAIL EXPORTS AND IMPORTS BY COMMODITY, 1996 – 2003**

(Millions of dollars)

<i>Exports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Agricultural and food	940.5	892.0	959.0	882.9	834.4	915.8	953.9	1,022.7
Automotive	24,693.7	26,773.9	26,789.8	38,831.4	41,493.0	40,136.4	41,562.7	38,753.6
Chemicals	3,675.3	4,311.5	4,253.2	4,589.0	5,780.3	6,148.1	5,991.3	6,218.7
Coal	63.1	23.9	38.1	39.5	106.9	155.4	205.4	151.9
Fertilizer materials	678.9	783.6	1,013.6	997.0	1,026.5	997.1	1,076.3	1,070.9
Forest	12,349.7	12,534.0	13,725.2	15,374.4	16,090.6	15,765.7	14,967.3	14,257.2
Grains	690.0	879.5	780.1	747.4	770.3	907.0	830.6	594.8
Iron ore	2.6	3.9	0.7	2.0	1.2	6.9	16.8	9.2
Metals	5,272.4	5,789.4	5,745.5	5,829.7	6,740.0	7,295.2	7,564.5	7,045.1
Miscellaneous	1,794.0	1,772.8	2,551.9	2,467.0	1,683.3	1,908.0	1,571.4	1,383.6
Other mine products	196.9	226.9	246.0	304.7	303.3	291.6	302.1	323.4
Petroleum	771.3	784.9	749.2	880.3	1,456.9	1,622.1	1,538.7	1,830.2
<b>Totals</b>	<b>51,128.4</b>	<b>54,776.3</b>	<b>56,852.3</b>	<b>70,945.3</b>	<b>76,286.8</b>	<b>76,149.3</b>	<b>76,581.0</b>	<b>72,661.4</b>
<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Agricultural and food	686.7	1,004.5	1,119.5	1,053.7	1,090.8	1,290.0	1,408.5	1,363.3
Automotive	9,363.1	11,515.2	10,209.0	10,706.9	12,529.2	12,737.0	14,549.5	12,589.4
Chemicals	2,927.0	3,593.6	3,934.6	4,052.6	4,534.6	4,765.1	4,723.3	4,921.1
Coal	9.4	13.8	17.5	15.3	14.4	8.3	6.9	4.6
Fertilizer materials	15.2	17.3	17.8	12.8	15.4	10.5	12.7	10.1
Forest	553.3	648.8	698.0	710.6	914.5	890.2	878.7	905.2
Grains	129.1	173.7	155.4	163.8	193.5	367.7	494.0	425.3
Iron ore	5.2	20.9	1.9	18.5	24.3	73.8	68.3	72.0
Metals	1,566.1	2,427.8	2,491.3	1,869.2	1,849.6	1,746.2	1,741.7	1,838.6
Miscellaneous	1,011.8	2,031.9	2,048.7	1,383.7	1,617.9	2,243.1	1,927.5	1,956.8
Other mine products	30.6	38.1	52.4	58.8	61.3	73.1	78.2	77.5
Petroleum	138.8	157.2	199.7	160.3	238.3	252.8	266.6	291.7
<b>Totals</b>	<b>16,436.2</b>	<b>21,642.8</b>	<b>20,945.9</b>	<b>20,206.4</b>	<b>23,082.9</b>	<b>24,455.6</b>	<b>26,156.6</b>	<b>24,455.5</b>

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada



TABLE A6-12: VOLUME OF RAIL EXPORTS BY PROVINCE OF ORIGIN, 1996 – 2003

	(Thousands of tonnes)							
	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	14,076.7	14,864.1	16,166.3	17,357.8	19,395.9	18,559.2	18,221.5	19,709.9
Saskatchewan	8,397.8	10,476.7	10,869.2	11,044.5	11,704.7	11,284.8	10,898.4	10,612.2
British Columbia	9,004.4	8,464.9	8,660.5	8,887.6	9,867.2	10,997.8	12,798.5	13,397.6
Alberta	8,275.5	8,914.2	8,863.3	9,081.4	9,654.9	9,943.9	10,552.9	12,042.9
Quebec	7,878.8	8,240.5	8,444.0	8,570.4	8,942.3	9,181.7	9,101.3	9,888.8
Manitoba	1,280.9	1,754.2	1,871.1	2,159.8	2,203.1	2,271.7	2,194.9	2,287.7
New Brunswick	791.5	711.9	1,245.8	1,500.2	1,899.2	1,651.5	1,651.3	1,652.1
Nova Scotia	361.6	282.0	538.8	941.7	1,190.9	1,081.0	1,122.0	1,171.2
Newfoundland and Labrador	22.9	58.7	16.7	18.4	31.9	163.8	137.4	10.7
Prince Edward Island	1.1	2.9	6.9	17.6	18.5	25.1	21.1	31.8
Yukon		0.3	1.0	10.0	11.8	1.4		0.1
Northwest Territories	0.3	1.4	1.2	2.4	2.0	0.2	2.7	1.9
Nunavut								0.1
<b>Totals</b>	<b>50,091.4</b>	<b>53,772.0</b>	<b>56,684.8</b>	<b>59,591.8</b>	<b>64,922.4</b>	<b>65,162.0</b>	<b>66,702.0</b>	<b>70,807.0</b>

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

TABLE A6-13: VALUE OF RAIL EXPORTS BY PROVINCE OF ORIGIN, 1996 – 2003

	(Millions of dollars)							
	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	31,615.1	33,740.1	35,332.2	47,202.7	51,275.6	50,636.7	51,984.4	48,803.1
Quebec	8,239.0	8,818.8	8,642.0	9,343.1	10,173.8	10,117.1	8,995.3	8,117.9
British Columbia	5,041.8	5,137.8	4,803.5	5,605.5	5,454.0	5,308.2	5,609.8	5,331.2
Alberta	3,055.8	3,229.4	3,223.2	3,706.2	4,376.4	4,828.1	4,730.3	5,411.4
Saskatchewan	1,401.4	1,781.7	2,118.5	2,078.2	2,183.4	2,144.3	2,220.7	1,956.0
Manitoba	681.0	997.7	1,252.4	1,232.8	1,073.0	1,198.2	1,324.0	1,373.7
New Brunswick	650.0	508.2	918.2	974.8	952.0	1,062.8	994.7	971.5
Nova Scotia	441.0	551.5	546.5	767.0	757.9	812.5	668.9	657.1
Newfoundland and Labrador	2.2	8.4	10.2	13.8	20.8	22.3	18.1	6.6
Prince Edward Island	0.9	1.3	4.1	12.6	11.6	18.3	19.9	22.2
Northwest Territories	0.3	1.0	0.9	1.7	1.2	0.1	15.0	10.4
Yukon		0.2	0.6	7.0	7.3	0.8		0.1
Nunavut								0.0
<b>Totals</b>	<b>51,128.4</b>	<b>54,776.3</b>	<b>56,852.3</b>	<b>70,945.3</b>	<b>76,286.8</b>	<b>76,149.3</b>	<b>76,581.0</b>	<b>72,661.4</b>

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

TABLE A6-14: VOLUME OF RAIL IMPORTS BY PROVINCE OF CLEARANCE, 1996 – 2003

	(Thousands of tonnes)							
	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	6,278.9	7,763.4	7,380.4	8,216.2	8,867.1	10,685.1	9,875.5	10,871.9
Quebec	1,951.3	2,071.0	2,240.7	2,152.2	3,162.1	2,606.7	2,322.5	2,225.8
British Columbia	1,095.5	1,102.2	1,929.7	2,179.9	2,562.2	2,681.8	1,196.2	1,297.0
Alberta	837.9	1,219.8	1,332.5	1,277.4	1,544.0	2,121.2	2,972.4	3,351.2
Saskatchewan	995.2	1,147.3	800.6	1,007.5	985.9	1,110.8	1,265.0	1,153.1
Manitoba	698.8	825.3	816.4	827.3	889.6	1,099.5	1,066.9	1,084.3
New Brunswick	611.4	608.6	682.7	469.3	624.5	566.3	359.8	542.3
Nova Scotia	69.9	31.1	22.7	24.9	24.5	13.5	15.3	24.9
Newfoundland and Labrador	0.0		0.0	0.0		0.1	0.0	
Prince Edward Island		0.0	0.1	0.0	0.0			
Yukon				0.1				0.0
<b>Totals</b>	<b>12,538.9</b>	<b>14,768.8</b>	<b>15,205.8</b>	<b>16,154.6</b>	<b>18,659.8</b>	<b>20,884.9</b>	<b>19,073.7</b>	<b>20,550.3</b>

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-15: VALUE OF RAIL IMPORTS BY PROVINCE OF CLEARANCE, 1996 – 2003**

(Millions of dollars)

	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	12,127.3	15,622.1	14,484.8	14,415.1	16,318.5	16,919.2	18,930.6	17,181.2
Quebec	1,763.3	2,373.5	2,414.6	2,195.0	2,624.7	2,687.9	2,385.6	2,213.8
Alberta	645.8	1,122.4	1,671.9	1,254.6	1,564.9	2,230.6	2,158.4	2,323.4
British Columbia	812.6	966.2	1,008.6	981.9	1,214.6	1,269.9	1,451.6	1,502.3
Saskatchewan	455.0	639.0	520.9	664.9	612.8	571.5	484.9	411.1
Manitoba	386.6	638.0	517.3	408.2	410.6	429.8	429.6	468.3
New Brunswick	195.6	211.8	267.8	219.9	259.9	271.7	242.0	281.2
Nova Scotia	49.8	69.8	60.0	66.7	77.6	77.1	73.1	74.1
Newfoundland and Labrador	0.1		0.0	0.0		0.2	0.0	
Prince Edward Island		0.0	0.1	0.0	0.1			
Yukon				0.0				0.0
<b>Totals</b>	<b>16,436.2</b>	<b>21,642.8</b>	<b>20,945.9</b>	<b>20,206.4</b>	<b>23,083.8</b>	<b>24,457.8</b>	<b>26,155.7</b>	<b>24,455.5</b>

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-16: VOLUME OF MAJOR COMMODITIES EXPORTED BY TOP THREE PROVINCES OF ORIGIN, 1996 – 2003**

(Thousands of tonnes)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	Forest	3,341.3	3,746.3	4,102.5	4,100.5	4,725.8	4,601.8	4,890.2	4,765.7
	Chemicals	2,992.3	3,531.6	3,594.5	3,657.1	3,838.9	3,814.9	4,148.5	3,586.5
	Automotive	1,935.1	2,028.9	1,904.0	2,626.5	2,810.2	2,612.6	2,826.0	2,994.5
	Ores & mine products	2,289.4	2,216.3	2,428.0	2,709.7	2,455.8	2,255.6	1,988.1	2,401.1
	Other	3,518.6	3,340.9	4,137.4	4,264.0	5,565.2	5,274.3	4,368.7	5,962.3
	<b>Total</b>	<b>14,076.7</b>	<b>14,864.1</b>	<b>16,166.3</b>	<b>17,357.8</b>	<b>19,395.9</b>	<b>18,559.2</b>	<b>18,221.5</b>	<b>19,709.9</b>
British Columbia	Forest	6,530.9	6,462.1	6,269.1	6,505.1	6,806.2	7,430.8	8,405.2	9,141.1
	Coal	415.0	304.9	191.5	195.2	855.1	904.3	1,838.2	1,020.9
	Ores & mine products	574.5	436.9	518.8	456.5	382.6	517.4	589.4	1,257.9
	Grains	80.1	290.1	891.6	917.5	972.1	1,394.0	1,020.6	909.1
	Other	1,403.9	971.0	789.5	813.3	851.2	751.3	945.1	1,068.5
	<b>Total</b>	<b>9,004.4</b>	<b>8,464.9</b>	<b>8,660.5</b>	<b>8,887.6</b>	<b>9,867.2</b>	<b>10,997.8</b>	<b>12,798.5</b>	<b>13,397.6</b>
Saskatchewan	Fertilizer materials	5,995.2	7,126.7	7,592.2	7,545.9	8,129.8	7,736.3	7,637.9	8,040.9
	Grains	1,070.3	1,818.0	1,649.5	1,849.2	1,824.7	1,910.2	1,582.7	949.2
	Forest	281.0	466.0	543.1	519.1	572.8	445.6	512.9	595.2
	Other	1,051.2	1,066.0	1,084.3	1,130.4	1,177.5	1,192.7	1,164.9	1,027.0
	<b>Total</b>	<b>8,397.8</b>	<b>10,476.7</b>	<b>10,869.2</b>	<b>11,044.5</b>	<b>11,704.7</b>	<b>11,284.8</b>	<b>10,898.4</b>	<b>10,612.2</b>
<b>Grand Total</b>		<b>31,478.8</b>	<b>33,805.7</b>	<b>35,696.0</b>	<b>37,289.9</b>	<b>40,967.5</b>	<b>40,841.8</b>	<b>40,905.9</b>	<b>39,319.3</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

TABLE A6-17: VOLUME OF MAJOR COMMODITIES IMPORTED BY TOP THREE PROVINCES OF CLEARANCE, 1996 – 2003

(Thousands of tonnes)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	Chemicals	2,114.4	2,413.9	2,576.9	2,741.4	2,749.4	3,028.6	3,163.7	3,146.8
	Agricultural & food	731.2	910.6	900.5	1,402.0	1,577.0	2,231.8	1,388.6	1,948.8
	Automotive	1,077.2	1,269.4	1,156.7	1,160.3	1,224.2	1,134.2	1,066.2	882.3
	Other	2,356.1	3,169.5	2,746.4	2,912.4	3,316.6	4,290.6	4,257.0	4,893.9
	<b>Total</b>	<b>6,278.9</b>	<b>7,763.4</b>	<b>7,380.4</b>	<b>8,216.2</b>	<b>8,867.1</b>	<b>10,685.1</b>	<b>9,875.5</b>	<b>10,871.9</b>
Quebec	Chemicals	510.7	709.0	755.7	766.9	831.2	860.5	716.8	679.9
	Forest	286.9	280.6	301.0	281.8	1,162.1	297.4	269.1	248.7
	Agricultural & food	373.7	310.6	330.8	341.5	328.7	423.3	390.4	304.0
	Other	780.0	770.8	853.1	762.0	840.1	1,025.3	945.0	873.2
	<b>Total</b>	<b>1,951.3</b>	<b>2,071.0</b>	<b>2,240.7</b>	<b>2,152.2</b>	<b>3,162.1</b>	<b>3,162.1</b>	<b>3,162.1</b>	<b>3,162.1</b>
Alberta	Chemicals	246.5	302.9	351.6	394.5	483.2	510.2	485.9	634.8
	Metals	94.6	311.3	315.6	229.2	331.6	316.7	392.1	527.7
	Grains	4.8	6.4	12.0	15.9	25.6	286.0	938.4	842.2
	Other	492.1	599.2	653.3	637.8	703.6	1,008.3	1,156.0	1,346.4
	<b>Total</b>	<b>837.9</b>	<b>1,219.8</b>	<b>1,332.5</b>	<b>1,277.4</b>	<b>1,544.0</b>	<b>2,121.2</b>	<b>2,972.4</b>	<b>3,351.2</b>
<b>Grand Total</b>	<b>9,068.1</b>	<b>11,054.1</b>	<b>10,953.6</b>	<b>11,645.7</b>	<b>13,573.1</b>	<b>15,968.4</b>	<b>16,010.0</b>	<b>17,385.1</b>	

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

TABLE A6-18: VALUE OF MAJOR COMMODITIES EXPORTED BY TOP THREE PROVINCES OF ORIGIN, 1996 – 2003

(Millions of dollars)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	Automotive	22,999.4	24,538.5	24,989.9	36,819.9	39,453.1	38,637.9	40,340.0	38,614.0
	Forest	2,488.7	2,521.3	2,885.7	3,046.8	3,643.6	3,265.3	3,008.0	2,731.2
	Metals	2,353.2	2,247.3	2,274.9	2,415.4	2,932.5	3,027.9	3,421.6	2,694.3
	Chemicals	1,548.0	2,258.6	2,240.4	2,443.8	3,191.6	3,142.3	3,052.9	2,811.8
	Other	2,225.8	2,174.4	2,941.3	2,476.7	2,054.8	2,563.2	2,161.9	1,951.7
	<b>Total</b>	<b>31,615.1</b>	<b>33,740.1</b>	<b>35,332.2</b>	<b>47,202.7</b>	<b>51,275.6</b>	<b>50,636.7</b>	<b>51,984.4</b>	<b>48,803.1</b>
Quebec	Forest	3,540.1	3,392.7	3,582.0	3,738.4	4,039.1	4,143.4	3,671.1	3,436.8
	Metals	2,360.7	2,708.0	2,345.0	2,334.5	2,732.6	3,257.9	2,896.7	3,338.2
	Automotive	1,513.4	1,791.2	1,637.5	2,007.3	2,037.7	1,429.7	1,184.2	38.5
	Chemicals	495.6	550.8	708.0	683.4	769.7	789.7	766.8	769.7
	Other	329.1	376.1	369.5	579.5	594.8	496.4	476.4	534.7
	<b>Total</b>	<b>8,239.0</b>	<b>8,818.8</b>	<b>8,642.0</b>	<b>9,343.1</b>	<b>10,173.8</b>	<b>10,117.1</b>	<b>8,995.3</b>	<b>8,117.9</b>
British Columbia	Forest	4,390.3	4,503.4	4,170.1	4,906.4	4,675.9	4,703.0	4,817.0	4,565.0
	Metals	292.4	393.6	472.3	512.4	521.7	332.1	405.6	375.1
	Chemicals	218.1	131.3	75.4	73.5	93.6	87.3	95.1	108.7
	Coal	23.1	16.7	12.6	13.1	71.0	86.6	159.3	84.5
	Other	118.0	92.8	73.1	100.2	91.7	99.3	132.8	198.0
	<b>Total</b>	<b>5,041.8</b>	<b>5,137.8</b>	<b>4,803.5</b>	<b>5,605.5</b>	<b>5,454.0</b>	<b>5,308.2</b>	<b>5,609.8</b>	<b>5,331.2</b>
<b>Grand Total</b>	<b>44,895.9</b>	<b>47,696.7</b>	<b>48,777.7</b>	<b>62,151.4</b>	<b>66,903.4</b>	<b>66,062.0</b>	<b>66,589.5</b>	<b>62,252.3</b>	

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-19: VALUE OF MAJOR COMMODITIES IMPORTED BY TOP THREE PROVINCES OF CLEARANCE, 1996 – 2003**

(Millions of dollars)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002	2003
Ontario	Automotive	8,113.3	9,935.7	8,630.9	9,102.6	10,530.2	10,601.4	12,495.1	10,611.4
	Chemicals	1,842.4	2,164.9	2,363.4	2,456.3	2,727.2	2,965.9	3,029.3	3,101.0
	Metals	832.5	1,138.9	1,156.5	959.5	806.1	717.8	642.3	744.8
	Other	1,339.0	2,382.6	2,334.1	1,896.7	2,255.1	2,634.1	2,763.8	2,724.1
	<b>Total</b>	<b>12,127.3</b>	<b>15,622.1</b>	<b>14,484.8</b>	<b>14,415.1</b>	<b>16,318.5</b>	<b>16,919.2</b>	<b>18,930.6</b>	<b>17,181.2</b>
Quebec	Automotive	723.2	792.6	866.2	807.8	1,051.5	1,083.2	941.5	838.6
	Chemicals	424.4	596.4	570.3	586.2	679.1	647.6	571.0	561.1
	Agricultural & food	170.4	219.7	260.2	242.5	237.1	253.6	242.0	205.6
	Forest	119.4	136.5	149.1	140.5	151.6	156.0	179.3	177.4
	Other	326.0	628.3	568.7	417.9	505.5	547.4	451.9	431.1
	<b>Total</b>	<b>1,763.3</b>	<b>2,373.5</b>	<b>2,414.6</b>	<b>2,195.0</b>	<b>2,624.7</b>	<b>2,687.9</b>	<b>2,385.6</b>	<b>2,213.8</b>
Alberta	Chemicals	257.7	360.8	425.0	448.6	563.7	565.1	542.5	601.1
	Metals	136.8	390.4	578.0	325.3	400.6	496.1	545.2	585.7
	Automotive	56.7	93.0	130.3	115.1	176.1	200.7	282.1	283.1
	Other	194.6	278.2	538.6	365.6	424.5	968.7	788.6	853.5
	<b>Total</b>	<b>645.8</b>	<b>1,122.4</b>	<b>1,671.9</b>	<b>1,254.6</b>	<b>1,564.9</b>	<b>2,230.6</b>	<b>2,158.4</b>	<b>2,323.4</b>
<b>Grand Total</b>	<b>14,536.5</b>	<b>19,118.0</b>	<b>18,571.3</b>	<b>17,864.6</b>	<b>20,508.2</b>	<b>21,837.6</b>	<b>23,474.6</b>	<b>21,718.5</b>	

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-20: VOLUME OF RAIL EXPORTS BY PORT CLEARED, 1996 – 2003**

(Thousands of tonnes)

Exports	1996	1997	1998	1999	2000	2001	2002	2003
Fort Frances	9,895.8	11,115.4	10,824.2	11,674.2	11,773.5	13,883.4	13,649.1	13,761.7
Sarnia	6,665.1	7,787.9	7,975.9	9,355.5	10,903.3	11,369.4	11,035.5	11,748.7
North Portal	5,853.1	6,319.7	6,545.6	5,729.9	6,745.0	8,437.9	9,118.9	9,489.0
Fort Erie	5,332.8	5,563.7	6,216.1	6,302.2	6,987.2	5,766.7	5,594.0	6,298.6
Windsor	4,366.6	4,367.8	4,633.7	4,678.7	5,219.2	5,085.5	5,079.4	6,000.8
Emerson	4,007.7	4,568.2	4,706.6	4,733.9	5,191.1	5,046.1	4,992.2	4,703.5
White Rock	3,197.2	3,570.8	3,649.4	3,616.9	3,739.3	4,610.6	5,252.3	6,877.1
Kingsgate	1,618.0	1,765.6	2,602.1	3,557.2	4,281.2	4,876.4	5,493.1	5,898.1
Huntington	2,487.1	2,453.1	2,681.7	2,191.0	1,819.2	1,821.7	1,785.8	2,117.2
Coutts	1,433.9	1,409.9	1,294.7	1,364.9	1,256.7	1,398.5	1,602.0	1,878.1
Other	5,234.2	4,850.0	5,554.7	6,387.5	7,006.7	2,865.8	3,099.7	2,034.2
<b>Totals</b>	<b>50,091.4</b>	<b>53,772.0</b>	<b>56,684.8</b>	<b>59,591.8</b>	<b>64,922.4</b>	<b>65,162.0</b>	<b>66,702.0</b>	<b>70,807.0</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-21: VALUE OF RAIL EXPORTS BY PORT CLEARED, 1996 – 2003**

(Millions of dollars)

Exports	1996	1997	1998	1999	2000	2001	2002	2003
Sarnia	13,645.6	16,493.9	16,771.4	24,885.9	33,343.1	31,995.1	30,592.0	26,752.7
Windsor	11,440.6	12,011.5	7,928.9	10,061.6	10,309.6	12,741.4	15,022.4	16,036.3
Fort Erie	10,407.5	10,061.1	14,984.8	17,208.6	13,007.9	11,499.2	11,687.3	10,683.3
Fort Frances	4,869.1	5,438.5	5,289.5	5,683.3	5,570.5	6,211.8	6,626.9	6,458.8
North Portal	1,682.1	1,888.5	2,133.9	2,301.7	2,559.3	2,930.4	2,927.8	2,965.6
White Rock	1,471.1	1,623.3	1,570.4	1,856.6	1,997.7	2,415.8	2,454.7	2,741.6
Huntington	1,853.5	1,754.7	1,978.5	1,572.6	1,484.3	1,475.6	1,172.5	1,261.9
Emerson	1,383.8	1,289.3	1,427.8	1,501.5	1,746.8	1,612.4	1,694.2	1,440.9
Lacolle	779.8	682.7	718.1	1,278.1	1,290.5	1,369.1	1,133.3	997.6
Sault Ste. Marie	584.2	606.0	694.7	689.7	801.9	821.2	809.1	809.2
Other	3,011.2	2,926.7	3,354.3	3,905.9	4,175.4	3,077.2	2,460.9	2,513.7
<b>Totals</b>	<b>51,128.4</b>	<b>54,776.3</b>	<b>56,852.3</b>	<b>70,945.3</b>	<b>76,286.8</b>	<b>76,149.3</b>	<b>76,581.0</b>	<b>72,661.4</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-22: VOLUME OF RAIL IMPORTS BY PORT CLEARED, 1996 – 2003**

(Thousands of tonnes)

<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Sarnia	1,632.9	1,836.9	1,871.0	2,075.1	2,264.3	3,026.2	2,994.7	4,204.2
Toronto	972.1	1,426.6	1,713.7	1,884.5	1,965.5	2,088.6	2,005.7	2,115.1
Montreal	1,360.9	1,527.6	1,479.4	1,515.8	1,642.9	1,732.9	1,459.3	1,344.1
Huntingdon	317.9	285.0	1,204.3	1,447.0	1,650.6	1,494.6	31.9	30.2
Sault Ste. Marie	390.0	632.2	152.3	452.8	561.2	1,417.7	1,434.5	1,713.4
Edmonton	342.9	496.3	578.6	588.8	829.4	889.2	1,041.7	1,432.0
Calgary	337.0	482.6	612.1	595.8	595.4	778.1	1,089.0	1,249.5
Winnipeg	306.4	485.3	573.8	603.8	754.2	906.3	542.1	724.2
Hamilton	324.1	530.5	262.0	344.7	936.6	998.9	752.6	335.3
Windsor	379.3	522.8	565.8	564.9	628.6	729.7	536.4	417.5
Other	6,175.4	6,543.0	6,192.8	6,081.3	6,831.3	6,822.6	7,185.8	6,984.9
<b>Totals</b>	<b>12,538.9</b>	<b>14,768.8</b>	<b>15,205.8</b>	<b>16,154.6</b>	<b>18,659.8</b>	<b>20,884.9</b>	<b>19,073.7</b>	<b>20,550.3</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-23: VALUE OF RAIL IMPORTS BY PORT CLEARED, 1996 – 2003**

(Millions of dollars)

<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002	2003
Toronto	1,647.2	3,149.3	3,680.8	3,503.8	3,982.8	4,040.2	4,178.7	4,606.5
Windsor	2,317.6	3,305.3	3,295.2	3,587.0	4,357.9	5,024.6	3,888.6	2,725.9
Sarnia	2,983.9	2,787.4	2,082.0	2,589.6	2,509.8	2,858.2	3,597.4	3,604.5
Montreal	1,136.3	1,880.4	1,878.8	1,726.2	2,132.1	2,218.1	2,038.7	1,935.4
Other Ontario <sup>1</sup>	1,543.5	2,354.4	1,635.5	1,723.5	1,919.5	1,905.3		
Oakville	988.6	1,149.9	1,252.4	818.1	691.3	698.2	1,886.7	9.0
Oshawa	37.6	80.6	84.2	228.6	1,177.3	690.2	3,826.0	4,628.7
Vancouver	556.6	681.0	768.6	807.9	957.2	1,033.7	1,271.1	1,339.0
Calgary	238.8	409.2	834.3	574.3	718.2	1,299.3	1,158.2	1,248.1
Edmonton	335.2	607.0	769.9	649.6	797.6	827.4	817.1	933.4
Other	4,650.9	5,238.3	4,664.2	3,997.8	3,840.1	3,862.6	3,493.4	3,425.1
<b>Totals</b>	<b>16,436.2</b>	<b>21,642.8</b>	<b>20,945.9</b>	<b>20,206.4</b>	<b>23,083.8</b>	<b>24,457.8</b>	<b>26,155.7</b>	<b>24,455.5</b>

Note: Tonnage estimated by Statistics Canada.

<sup>1</sup> Prior to 2002, some data did not contain port of clearance.

Source: Adapted from Statistics Canada (International Trade Division) by Transport Canada

**TABLE A6-24: RAIL MARINE EXPORTS AND IMPORTS, 1996 – 2002**

(Thousands of tonnes)

	1996	1997	1998	1999	2000	2001	2002
Exports	91,741.2	98,160.5	87,715.0	86,232.8	88,340.8	84,843.8	73,529.5
Imports	6,754.3	7,149.8	7,005.1	7,109.1	7,925.2	7,741.0	8,808.1
<b>Total</b>	<b>98,513.2</b>	<b>105,310.3</b>	<b>94,720.1</b>	<b>93,341.9</b>	<b>96,266.0</b>	<b>92,584.8</b>	<b>82,337.6</b>

Source: Transport Canada

**TABLE A6-25: RAIL MARINE EXPORTS BY ORIGIN, 1996 – 2002**

(Thousands of tonnes)

	1996	1997	1998	1999	2000	2001	2002
British Columbia	26,889.5	28,515.0	26,582.7	26,500.2	27,088.1	28,239.1	25,757.9
Alberta	28,496.2	27,093.7	26,505.7	26,400.5	23,459.0	22,013.0	18,440.9
Saskatchewan	20,452.9	25,387.6	21,038.2	20,005.8	24,219.5	20,666.1	15,329.5
Manitoba	4,696.5	6,021.1	3,984.6	3,713.2	4,050.7	4,763.8	4,463.4
Nova Scotia	3,243.8	3,330.8	3,037.5	3,149.7	2,873.3	2,681.2	3,032.6
Ontario	2,166.7	2,726.3	2,593.0	2,249.1	2,586.7	2,565.0	2,545.6
Quebec	1,624.4	1,639.5	1,258.2	1,351.4	1,494.0	1,489.4	1,391.1
New Brunswick	1,773.6	1,160.8	894.3	998.2	938.4	847.4	850.8
United States	2,397.8	2,285.7	1,820.9	1,864.7	1,631.0	1,578.9	1,717.7
<b>Total</b>	<b>91,741.2</b>	<b>98,160.5</b>	<b>87,715.0</b>	<b>86,232.8</b>	<b>88,340.8</b>	<b>84,843.8</b>	<b>73,529.5</b>

Source: Transport Canada

**TABLE A6-26: RAIL MARINE EXPORTS BY COMMODITY, 1996 – 2002**

	(Thousands of tonnes)						
	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	5,135.5	5,619.8	5,739.3	5,419.1	6,759.5	6,422.8	5,099.7
Automotive	120.5	116.6	82.0	153.1	125.0	131.6	171.3
Chemicals	2,792.6	2,009.2	2,196.7	2,458.5	2,364.4	2,186.3	2,295.9
Coal	34,648.8	36,735.6	34,450.6	33,440.2	30,866.2	31,692.8	28,147.7
Fertilizer materials	10,595.8	9,602.2	9,824.4	10,645.5	10,056.1	8,364.6	9,551.3
Forest	4,035.9	3,412.3	4,198.5	4,028.1	4,225.5	4,095.1	4,031.4
Grains	24,878.1	30,448.7	22,089.9	21,016.8	24,562.6	23,167.5	15,370.6
Metals	137.3	123.3	81.6	44.1	40.8	41.1	101.8
Ores and mine products	4,214.4	4,063.5	3,892.5	3,845.9	3,877.3	3,591.0	3,924.4
Petroleum	370.3	579.6	479.7	299.4	476.4	589.7	378.5
Mixed/unidentified <sup>1</sup>	4,812.1	5,449.6	4,679.8	4,882.1	4,987.0	4,561.3	4,456.9
<b>Total</b>	<b>91,741.2</b>	<b>98,160.5</b>	<b>87,715.0</b>	<b>86,232.8</b>	<b>88,340.8</b>	<b>84,843.8</b>	<b>73,529.5</b>

<sup>1</sup> Predominantly intermodal.

Source: Transport Canada

**TABLE A6-27: RAIL MARINE IMPORTS BY DESTINATION, 1996 – 2002**

	(Thousands of tonnes)						
	1996	1997	1998	1999	2000	2001	2002
Ontario	1,894.9	2,244.8	2,195.1	2,588.2	3,119.5	3,202.1	3,693.6
Quebec	1,263.2	1,211.0	1,067.1	1,055.1	1,331.7	1,375.0	1,536.8
Alberta	1,291.6	1,303.4	1,365.2	944.9	601.6	474.7	447.4
British Columbia	200.6	198.8	195.9	201.9	215.1	233.5	241.7
Manitoba	69.3	76.5	78.6	70.9	78.0	80.0	92.8
Saskatchewan	25.3	35.5	35.1	32.8	35.9	34.7	38.5
New Brunswick	6.4	8.0	23.9	34.0	39.0	39.0	4.3
Nova Scotia	2.9	4.3	7.8	6.8	8.0	3.5	7.6
United States	2,000.1	2,067.6	2,036.4	2,174.5	2,496.3	2,298.4	2,745.2
<b>Total</b>	<b>6,754.3</b>	<b>7,149.8</b>	<b>7,005.1</b>	<b>7,109.1</b>	<b>7,925.2</b>	<b>7,741.0</b>	<b>8,808.1</b>

Source: Transport Canada

**TABLE A6-28: RAIL MARINE IMPORTS BY COMMODITY, 1996 – 2002**

	(Thousands of tonnes)						
	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	48.8	30.6	39.4	66.4	85.6	92.9	108.6
Automotive	52.9	31.0	41.5	15.6	18.5	27.2	44.7
Chemicals	588.3	388.5	161.5	183.5	191.6	208.8	210.0
Coal					0.0	0.9	0.1
Fertilizer materials	2.4	4.0	36.5	1.4	2.1	1.9	3.6
Forest	30.7	22.7	33.3	30.3	35.0	27.7	42.1
Grains	22.7	7.6	11.0	3.3	6.6	3.0	34.2
Metals	104.5	96.0	126.1	72.0	113.7	114.3	123.9
Ores and mine products	1,155.3	1,136.1	1,317.4	963.0	665.6	560.9	367.2
Petroleum	77.5	45.6	1.4	2.0	3.3	17.0	20.0
Mixed/unidentified <sup>1</sup>	4,671.2	5,387.6	5,237.1	5,771.6	6,803.2	6,686.3	7,853.6
<b>Total</b>	<b>6,754.3</b>	<b>7,149.8</b>	<b>7,005.1</b>	<b>7,109.1</b>	<b>7,925.2</b>	<b>7,741.0</b>	<b>8,808.1</b>

<sup>1</sup> Predominantly intermodal.

Source: Transport Canada

**TABLE A6-29: PASSENGER AND PASSENGER-KMS FOR VIA RAIL AND CLASS II CARRIERS, 1996 – 2002**

	Passengers carried (Thousands)		
	<i>VIA Rail</i>	<i>Class II</i>	<i>Total</i>
1996	3,557.0	323.4	3,880.4
1997	3,719.0	339.2	4,058.2
1998	3,618.0	334.3	3,952.3
1999	3,569.0	345.9	3,914.9
2000	3,795.0	364.6	4,159.6
2001	3,865.0	314.0	4,179.0
2002	3,981.0	269.9	4,250.9

	Passenger-Kilometres (Millions)		
	<i>VIA Rail</i>	<i>Class II</i>	<i>Total</i>
1996	1,392.1	77.1	1,469.2
1997	1,405.0	91.1	1,496.1
1998	1,367.9	80.2	1,448.1
1999	1,424.3	94.0	1,518.3
2000	1,454.8	93.7	1,548.5
2001	1,482.2	70.9	1,553.1
2002	1,525.7	71.3	1,596.9

Source: Transport Canada

**TABLE A6-30: COMMUTER RAIL PASSENGERS IN TORONTO, MONTREAL AND VANCOUVER, 1994 – 2002**

<i>Year</i>	(Thousands)
1994	31,263
1995	29,559
1996	33,313
1997	37,091
1998	40,769
1999	43,914
2000	46,919
2001	46,785
2002	50,108

Source: GO Transit, West Coast Express, Agence métropolitaine de transport (AMT)

**TABLE A7-1: CANADA'S ROAD NETWORK**

	Two-lane equivalent km (Thousands)					Percentage distribution				
	Free-way	Primary highway	Secondary highway/ major arterial	Local street/ rural road	Total	Free-way	Primary highway	Secondary highway/ major arterial	Local street/ rural road	Total
Newfoundland and Labrador	0.2	1.4	5.4	20.1	27.1	1.3	1.6	4.7	1.7	1.9
Prince Edward Island	-	1.3	2.2	2.9	6.5	-	1.6	1.9	0.2	0.5
Nova Scotia	1.6	2.8	3.3	40.9	48.7	9.5	3.3	2.9	3.4	3.5
New Brunswick	1.3	1.5	6.2	67.5	76.6	7.7	1.8	5.5	5.7	5.4
Quebec	5.0	10.9	15.1	197.3	228.3	29.4	12.8	13.2	16.6	16.2
Ontario	5.7	10.2	34.2	180.4	230.6	33.8	12.0	29.9	15.1	16.4
Manitoba	0.2	8.2	10.8	85.3	104.5	1.2	9.6	9.5	7.2	7.4
Saskatchewan	0.1	20.5	12.6	216.8	250.0	0.8	23.9	11.0	18.2	17.7
Alberta	1.4	15.5	17.3	171.1	205.3	8.5	18.0	15.1	14.4	14.6
British Columbia	1.3	9.9	5.2	188.5	204.8	7.9	11.6	4.5	15.8	14.5
Yukon Territory	-	2.6	0.9	12.5	16.1	-	3.1	0.8	1.1	1.1
Northwest Territories	-	0.8	1.3	8.1	10.1	-	0.9	1.1	0.7	0.7
Nunavut	-	-	-	0.1	0.1	-	-	-	0.0	0.0
<b>Total</b>	<b>16.9</b>	<b>85.8</b>	<b>114.6</b>	<b>1,191.6</b>	<b>1,408.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Share</b>	<b>1.2</b>	<b>6.1</b>	<b>8.1</b>	<b>84.6</b>	<b>100.0</b>					

Source: DMTI Spatial, Canmap Streetfiles, version 5.0

**TABLE A7-2: ANNUAL TRUCKING BANKRUPTCIES BY REGION, 1990 – 2003**

	Atlantic Provinces	Quebec	Ontario	Prairie Provinces	B.C. and Territories	Total Trucking	Total Economy
1990	57	142	147	213	97	656	11,642
1991	98	107	191	223	143	762	13,496
1992	70	119	188	171	88	636	14,317
1993	70	91	152	130	56	499	12,527
1994	37	67	88	125	33	350	11,810
1995	31	81	58	141	34	345	13,258
1996	74	90	107	197	59	527	14,229
1997	82	119	164	178	58	601	12,200
1998	39	71	121	158	54	443	10,791
1999	46	104	143	249	56	598	10,026
2000	61	133	203	303	44	744	10,055
2001	98	159	339	276	60	932	10,405
2002	93	131	229	285	61	799	9,472
2003	78	120	210	241	77	726	8,844

Note: "Truck Transport industries" include general freight, used goods moving and storage, bulk liquids, dry bulk materials, forest products and other truck transport industries.

Source: Industry Canada, Office of the Superintendent of Bankruptcy

**TABLE A7-3: DISTRIBUTION OF TOTAL FOR-HIRE TRUCKING REVENUES BY SIZE OF CARRIER, 1991 – 2002**

Year	Small Carriers (Less than \$1 million)		Medium Carriers (\$1 – 12 million)		Large Carriers (\$12 – 25 million)		Top Carriers (Over \$25 million)		Grand Total Revenue (millions of dollars)
	Revenue (millions of dollars)	Share (per cent of total)	Revenue (millions of dollars)	Share (per cent of total)	Revenue (millions of dollars)	Share (per cent of total)	Revenue (millions of dollars)	Share (per cent of total)	
1991	1,562	15.6	4,029	40.3	1,108	11.1	3,298	33.0	9,997
1992	1,537	15.2	4,217	41.8	1,072	10.6	3,256	32.3	10,083
1993	1,868	16.8	4,543	41.0	1,268	11.4	3,411	30.8	11,090
1994	1,930	15.0	5,213	40.4	2,208	17.1	3,541	27.5	12,893
1995	2,113	14.8	5,461	38.3	3,090	21.7	3,577	25.1	14,241
1996	2,127	14.0	5,732	37.6	3,453	22.7	3,918	25.7	15,230
1997	2,017	12.4	6,530	40.1	3,553	21.8	4,188	25.7	16,288
1998	3,017	16.9	6,592	36.8	3,281	18.3	5,016	28.0	17,906
1999	2,447	12.6	7,765	40.0	3,333	17.2	5,845	30.1	19,391
2000	2,634	11.9	8,246	37.3	4,660	21.1	6,562	29.7	22,103
2001	2,750	11.6	9,834	41.4	4,506	19.0	6,662	28.0	23,753
2002	2,800	12.0	8,667	37.0	5,091	21.7	6,859	29.3	23,418

Note: Including motor for-hire carriers of freight earning annual revenues of \$30 thousand or more.

Sources: Sources: Transport Canada, based on Statistics Canada, Annual Motor Carriers of Freight Survey (AMCF) 1990-93; Annual Supplement (Q5) 1994-1998 and Quarterly Motor Carriers of Freight Survey (QMCF) 1999-2002; 2001 and 2002 small for-hire carriers data estimated.



TABLE A7-4: TOTAL REVENUES BY URBAN TRANSIT OPERATORS, 1995 – 2002

(Millions of dollars)

	1995	1996	1997	1998	1999	2000	2001	2002	AAGR 1995 – 2001
Number of reporting companies	80	77	65	62	66	67	66	67	
Services									
Urban transit services	1,454.4	1,531.5	1,620.8	1,648.3	1,761.3	1,888.5	1,927.6	2,070.9	5.2
Charter services	3.6	3.2	3.7	5.3	4.2	4.8	4.3	4.7	4.0
School bus services (home/school)	3.6	3.7	3.4	1.9	0.4	1.8	1.8	2.0	(8.1)
Other passenger bus services	5.4	5.8	6.9	5.5	5.1	6.7	7.1	10.2	9.4
Other operating revenues	78.3	77.2	77.4	82.9	83.8	98.3	111.5	108.8	4.8
<b>Total Revenues</b>	<b>1,545.3</b>	<b>1,621.4</b>	<b>1,712.3</b>	<b>1,743.8</b>	<b>1,854.7</b>	<b>2,000.1</b>	<b>2,052.4</b>	<b>2,196.5</b>	<b>5.2</b>
Subsidies <sup>1</sup>	2,034.5	2,054.8	2,133.8	2,381.1	2,559.8	2,265.6	2,354.6	2,423.7	2.5
<b>Total Revenues &amp; Subsidies</b>	<b>3,579.8</b>	<b>3,676.2</b>	<b>3,846.1</b>	<b>4,124.9</b>	<b>4,414.5</b>	<b>4,265.7</b>	<b>4,406.9</b>	<b>4,620.2</b>	<b>3.7</b>

Note: AAGR = Annual Average Growth Rate in per cent.

<sup>1</sup> Including operating subsidies and capital subsidies.

Source: Statistics Canada, Passenger bus and urban transit statistics, Cat. 53-215: 1995 - 1999; special tabulations based on NAICS and Canadian Urban Transit Association (CUTA): 2000-2002.

TABLE A7-5: LONG-TERM TRENDS IN URBAN TRANSIT —  
PASSENGERS CARRIED & VEHICLE-  
KILOMETRES, 1981 – 2002

	Passengers carried (Thousands)	Vehicle-Kilometres (Thousands)
<b>1981</b>	<b>1,367,121</b>	<b>696,255</b>
1982	1,331,650	710,437
1983	1,370,897	561,982
1984	1,403,120	689,601
1985	1,447,528	725,251
<b>1986</b>	<b>1,521,101</b>	<b>756,140</b>
1987	1,468,963	694,321
1988	1,514,822	749,039
1989	1,520,421	780,642
1990	1,528,400	769,326
<b>1991</b>	<b>1,450,057</b>	<b>780,825</b>
1992	1,432,105	754,399
1993	1,396,451	756,634
1994	1,360,708	776,471
1995	1,361,062	742,260
<b>1996</b>	<b>1,352,870</b>	<b>716,369</b>
1997	1,382,242	749,963
1998	1,388,352	751,520
1999	1,442,005	805,799
2000	1,493,936	825,933
<b>2001</b>	<b>1,481,103</b>	<b>814,375</b>
2002	1,537,052	857,081

Note: Including establishments with annual operating revenues of \$500,000 or more (1981 – 1993), \$200,000 or more (1994 – 2001); starting in 1994, the survey is done on a company basis, rather than on an establishment basis.

Source: Statistics Canada, Passenger bus and urban transit statistics, Cat. 53-215; special tabulations based on Canadian Urban Transit Association (CUTA)

**TABLE A7-6: URBAN TRANSIT FLEET COMPOSITION, 1995 – 2002**

	(Number of vehicles)							
	1995	1996	1997	1998	1999	2000	2001	2002
<b>Number of carriers reporting</b>	80	77	65	62	66	67	66	67
Standard motor bus	9,855	9,622	9,030	8,554	8,234	8,172	7,940	7,466
Low-floor bus	305	499	1,019	1,827	2,453	2,724	3,093	3,538
Trolley coach	304	319	322	315	304	303	304	293
Articulated bus	306	287	287	297	325	347	437	429
Light rail vehicle	548	520	520	520	520	521	530	594
Heavy rail vehicle	1,381	1,373	1,381	1,395	1,419	1,431	1,451	1,451
Commuter rail vehicle	359	359	336	346	505	531	539	579
Other	82	70	182	169	262	284	266	315
<b>Total vehicles</b>	<b>13,140</b>	<b>13,049</b>	<b>13,077</b>	<b>13,423</b>	<b>14,022</b>	<b>14,313</b>	<b>14,560</b>	<b>14,665</b>

Source: Statistics Canada, Passenger bus and urban transit statistics, Cat. 53-215: 1995 - 1999; special tabulations based on NAICS and Canadian Urban Transit Association (CUTA): 2000 - 2002.

**TABLE A7-7: INTERCITY AND URBAN TRANSIT PASSENGERS CARRIED IN THE BUS INDUSTRY, 1985 – 2002**

(Millions of passengers)

	<i>Intercity Passengers<sup>1</sup></i>	<i>Growth Rate (Per cent)</i>	<i>Urban Transit Passengers<sup>2</sup></i>	<i>Growth Rate (Per cent)</i>
<b>1985</b>	<b>23.4</b>		<b>1,447.5</b>	
1986	21.8	(6.6)	1,521.1	5.1
1987	22.6	3.4	1,469.0	(3.4)
1988	18.2	(19.4)	1,514.8	3.1
1989	17.2	(5.7)	1,520.4	0.4
<b>1990</b>	<b>17.0</b>	<b>(0.9)</b>	<b>1,528.4</b>	<b>0.5</b>
1991	15.9	(6.3)	1,450.1	(5.1)
1992	14.9	(6.6)	1,432.1	(1.2)
1993	10.9	(27.0)	1,396.5	(2.5)
1994	11.4	5.3	1,360.7	(2.60)
<b>1995</b>	<b>12.5</b>	<b>9.3</b>	<b>1,361.1</b>	<b>0.0</b>
1996	13.6	8.8	1,352.9	(0.6)
1997	14.7	8.1	1,382.2	2.2
1998	14.3	(2.7)	1,388.4	0.4
1999	13.9	(2.8)	1,442.0	3.9
<b>2000</b>	<b>14.3</b>	<b>2.9</b>	<b>1,493.9</b>	<b>3.6</b>
2001	15.2	6.2	1,481.1	(0.9)
2002	N/A	N/A	1,537.1	3.8

1 Passengers using Intercity scheduled services.

2 Passengers carried by urban transit operators only.

Source: Statistics Canada, Passenger bus and urban transit statistics, Cat. 53-215; special tabulation based on Canadian Urban Transit Association (CUTA)

**TABLE A7-8: TOTAL FOR-HIRE TRUCK TRAFFIC ANNUAL TONNE-KILOMETRES, 1988 - 2002**

(Billion tonne-kilometres)

	<i>Intraprovincial</i>	<i>Interprovincial</i>	<i>International</i>	<i>Total</i>
1988	27.88	30.01	26.30	<b>84.19</b>
1989	24.35	30.05	23.70	<b>78.11</b>
1990	23.85	30.85	23.07	<b>77.77</b>
1991	19.74	27.98	22.91	<b>70.62</b>
1992	20.93	26.82	25.19	<b>72.95</b>
1993	22.64	29.33	32.64	<b>84.61</b>
1994	25.84	34.31	41.73	<b>101.87</b>
1995	27.22	38.59	44.21	<b>110.01</b>
1996	29.38	42.13	49.63	<b>121.13</b>
1997	29.06	43.18	58.61	<b>130.85</b>
1998	29.62	47.08	61.40	<b>138.09</b>
1999	33.47	49.00	76.18	<b>158.66</b>
2000	33.11	51.63	80.23	<b>164.97</b>
2001	34.16	53.35	83.42	<b>170.93</b>
2002	34.20	52.72	90.29	<b>177.21</b>
AAGR (%):				
1992 - 2002	5.0	7.0	13.6	9.3

Notes: Canadian-domiciled for-hire Class I and II carriers with annual revenues of \$1 million or more; AAGR = Annual Average Growth Rate (in per cent); International includes for-hire trucking exports and imports.

Source: Statistics Canada, *Trucking in Canada, Cat. 53-222, Special Tabulation; Transport Canada*

**TABLE A7-9: FOR-HIRE TRUCK TRAFFIC BY SECTOR AND PROVINCE, 2003**

(Billion tonne-kilometres)

	<i>Intra-provincial</i>	<i>Inter-provincial</i>	<i>International</i>	<i>Total</i>	<i>Share (Per cent)</i>
Ontario	12.35	17.61	39.99	69.95	39.5
Quebec	7.48	10.05	22.09	39.62	22.4
Alberta	6.70	9.80	8.73	25.24	14.2
British Columbia	4.22	5.15	7.94	17.31	9.8
Manitoba,					
Saskatchewan					
and Northwest					
Territories	1.90	5.87	5.85	13.62	7.7
Atlantic prov.	1.55	4.24	5.68	11.47	6.5
<b>Total:</b>	<b>34.20</b>	<b>52.72</b>	<b>90.29</b>	<b>177.21</b>	<b>100.0</b>

Notes: Canadian-domiciled for-hire Class I and II carriers; Interprovincial are loadings based (no double counting); International includes for-hire trucking exports and imports; Territories include Yukon, Nunavut and Northwest Territories.

Source: Transport Canada, adapted from Statistics Canada, *Special Tabulation*

**TABLE A7-10A: FOR-HIRE TRUCKING INTERNATIONAL TRAFFIC BY MAJOR FLOWS AND PROVINCE, 2002**

(Billion tonne-kilometres)

<i>Province</i>	<i>US Region</i>	<i>Southbound movements "Exports"</i>	<i>Northbound movements "Imports"</i>	<i>Total</i>	<i>Share (Per cent)</i>
Ontario	US Central	10.29	8.14	18.43	20.4
Ontario	US South	5.59	5.80	11.39	12.6
Quebec	US South	3.84	2.90	6.74	7.5
Quebec	US North East	4.14	2.19	6.33	7.0
Quebec	US Central	4.22	2.08	6.30	7.0
Ontario	US North East	3.48	2.22	5.70	6.3
British Columbia	US West	3.00	2.00	4.99	5.5
Prairie prov.	US Central	2.82	2.00	4.82	5.3
Prairie prov.	US South	2.31	2.03	4.35	4.8
Ontario	US West	1.91	2.41	4.32	4.8
Prairie prov.	US West	2.21	1.88	4.09	4.5
Quebec	US West	1.31	1.38	2.68	3.0
Atlantic	US North East	1.92	0.43	2.35	2.6
<b>Subtotal</b>		<b>47.05</b>	<b>35.47</b>	<b>82.51</b>	<b>91.4</b>
Other movements		5.05	2.73	7.78	8.6
<b>Total</b>		<b>52.10</b>	<b>38.20</b>	<b>90.29</b>	<b>100.0</b>

Notes: Totals may not add due to rounding; Canadian-domiciled for-hire Class I and II carriers; US North East includes US New England and US Middle Atlantic states (New York, New Jersey and Pennsylvania); US Central includes states bordering the Great Lakes and other central states (North Dakota, South Dakota, Nebraska, Iowa, Kansas and Missouri); US South includes states from South Atlantic to Gulf of Mexico area; US West includes US Pacific states and US Mountain states.

Source: Transport Canada, adapted from Statistics Canada, *Special Tabulation*

**TABLE A7-10B: FOR-HIRE TRUCKING INTERPROVINCIAL TRAFFIC BY MAJOR FLOWS, 2002**

(Billion tonne-kilometres)

<i>Routes (From - To)</i>	<i>Flow Direction</i>	<i>Tonne-kilometres</i>	<i>Share (Per cent)</i>
Quebec - Ontario	Westward	6.41	12.2
Ontario - Alberta	Westward	3.84	7.3
Alberta - British Columbia	Westward	3.09	5.9
Ontario - British Columbia	Westward	2.99	5.7
Atlantic provinces - Ontario	Westward	1.43	2.7
Saskatchewan - Alberta	Westward	1.21	2.3
Ontario - Manitoba	Westward	1.19	2.3
Atlantic provinces - Quebec	Westward	1.13	2.1
Quebec - Prairies	Westward	1.05	2.0
Quebec - British Columbia	Westward	0.73	1.4
Other westward flows	Westward	4.13	7.8
<b>Total westward flows</b>		<b>27.20</b>	<b>51.6</b>
Ontario - Quebec	Eastward	5.99	11.4
Ontario - Atlantic provinces	Eastward	3.11	5.9
British Columbia - Alberta	Eastward	2.59	4.9
Alberta - Saskatchewan	Eastward	2.38	4.5
Quebec - Atlantic provinces	Eastward	1.85	3.5
Alberta - Ontario	Eastward	1.62	3.1
Alberta - Manitoba	Eastward	1.30	2.5
British Columbia - Ontario	Eastward	1.23	2.3
Prairies - Quebec	Eastward	0.95	1.8
Manitoba - Ontario	Eastward	0.93	1.8
Other eastward flows	Eastward	3.55	6.7
<b>Total eastward flows</b>		<b>25.52</b>	<b>48.4</b>
<b>Total Interprovincial Traffic</b>		<b>52.72</b>	<b>100.0</b>

Notes: Canadian-domiciled for-hire Class I and II carriers with annual revenues of \$1 million or more. No double-counting, as the exports of one province are the imports of another.

Source: Transport Canada, adapted from Statistics Canada, *Special Tabulation*

**TABLE A7-11: FOR-HIRE TRUCKING TRAFFIC BY SECTOR AND COMMODITY GROUP, 2002**

(Billion tonne-kilometres)

<i>SCTG Commodity<sup>1</sup> Categories</i>	<i>Domestic</i>	<i>Internat.</i>	<i>Total</i>	<i>Share (Per cent)</i>
Misc. & other manufact. goods	19.37	16.79	36.15	20.4
Agric.& food products	16.94	16.51	33.44	18.9
Forest products	14.75	18.40	33.15	18.7
Base metal, steel & alloys prod.	8.53	10.40	18.93	10.7
Plastics & chemical products	5.61	8.30	13.91	7.8
Auto. & other transport prod.	2.07	6.71	8.78	5.0
Machinery & equipment	2.98	3.98	6.96	3.9
Petroleum products	5.88	1.04	6.92	3.9
Cement & mineral non-met. prod.	4.02	2.71	6.73	3.8
Ores, minerals & concentrates	3.71	2.89	6.60	3.7
Waste & scrap material	3.07	2.57	5.64	3.2
<b>Total</b>	<b>86.92</b>	<b>90.29</b>	<b>177.21</b>	<b>100.0</b>

(Billion dollars)

<i>SCTG Commodity<sup>1</sup> Categories</i>	<i>Domestic</i>	<i>Internat.</i>	<i>Total</i>	<i>Share (Per cent)</i>
Misc. & other manufact. goods	2.28	1.70	3.98	25.4
Agric.& food products	1.46	1.13	2.59	16.5
Forest products	0.99	1.09	2.08	13.3
Base metal, steel & alloys prod.	0.71	0.79	1.50	9.6
Auto. & other transport prod.	0.46	0.87	1.33	8.5
Plastics & chemical products	0.59	0.71	1.30	8.3
Machinery & equipment	0.58	0.51	1.09	7.0
Petroleum products	0.47	0.08	0.55	3.5
Cement & mineral non-met. prod.	0.34	0.20	0.54	3.5
Ores, minerals & concentrates	0.23	0.14	0.37	2.4
Waste & scrap material	0.21	0.12	0.33	2.1
<b>Total</b>	<b>8.33</b>	<b>7.33</b>	<b>15.67</b>	<b>100.0</b>

<sup>1</sup> Based on Standard Classification of Transported Goods (SCTG).

Source: Transport Canada, adapted from Statistics Canada, Special Tabulation (For-hire Trucking Commodity Origin/Destination Survey)

TABLE A7-12: TWENTY LARGEST BORDER CROSSINGS FOR TRUCKS, 1999 – 2003

		Two-way traffic volumes										
		Millions						Per cent				
Crossing	Province	1999	2000	2001	2002	2003	2003 rank	1999	2000	2001	2002	2003
Ambassador Bridge–Windsor	Ontario	3.43	3.49	3.24	3.32	3.25	1	25.9	25.7	24.9	25.0	24.9
Blue Water Bridge–Sarnia	Ontario	1.41	1.48	1.47	1.56	1.61	2	10.7	10.9	11.3	11.7	12.4
Peace Bridge–Fort Erie	Ontario	1.50	1.45	1.35	1.31	1.27	3	11.4	10.7	10.4	9.8	9.8
Queenston-Lewiston Bridge–Niagara	Ontario	0.96	1.04	1.00	1.05	1.01	4	7.3	7.7	7.7	7.9	7.8
Lacolle	Quebec	0.85	0.79	0.79	0.78	0.77	5	6.4	5.9	6.1	5.9	5.9
Pacific Highway/Douglas	British Columbia	0.86	0.87	0.79	0.78	0.75	6	6.5	6.4	6.0	5.9	5.8
Lansdowne	Ontario	0.51	0.53	0.50	0.53	0.49	7	3.8	3.9	3.9	4.0	3.8
Emerson	Manitoba	0.34	0.36	0.37	0.41	0.41	8	2.6	2.7	2.8	3.1	3.1
Philipsburg	Quebec	0.29	0.31	0.30	0.31	0.32	9	2.2	2.3	2.3	2.3	2.5
Rock Island	Quebec	0.24	0.27	0.26	0.25	0.27	10	1.8	2.0	2.0	1.9	2.0
Coutts	Alberta	0.23	0.26	0.29	0.25	0.23	11	1.8	1.9	2.2	1.9	1.8
Aldergrove	British Columbia	0.12	0.14	0.16	0.16	0.20	12	0.9	1.0	1.2	1.2	1.5
Detroit-Windsor Tunnel	Ontario	0.21	0.18	0.17	0.15	0.17	13	1.5	1.3	1.3	1.2	1.3
Beauce	Quebec	0.13	0.19	0.19	0.21	0.15	14	1.0	1.4	1.5	1.6	1.1
Woodstock	New Brunswick	0.14	0.17	0.16	0.17	0.15	15	1.1	1.3	1.2	1.3	1.1
Huntingdon	British Columbia	0.13	0.13	0.14	0.18	0.13	16	1.0	0.9	1.1	1.3	1.0
Sault Ste. Marie	Ontario	0.14	0.13	0.13	0.13	0.12	17	1.1	1.0	1.0	1.0	0.9
North Portal	Saskatchewan	0.13	0.13	0.13	0.12	0.12	18	1.0	1.0	1.0	0.9	0.9
Osoyoos	British Columbia	0.06	0.06	0.06	0.07	0.10	19	0.5	0.4	0.5	0.5	0.7
Cornwall	Ontario	0.08	0.08	0.07	0.09	0.09	20	0.6	0.6	0.5	0.6	0.7
<b>Top 20 (ranked by trucks)</b>		<b>11.79</b>	<b>12.07</b>	<b>11.56</b>	<b>11.82</b>	<b>11.61</b>		<b>88.9</b>	<b>88.9</b>	<b>88.7</b>	<b>88.9</b>	<b>89.1</b>
<b>Total</b>		<b>13.25</b>	<b>13.58</b>	<b>13.03</b>	<b>13.30</b>	<b>13.03</b>						

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

Source: International travel section, Statistics Canada and other unpublished statistics

TABLE A7-13: TWENTY LARGEST BORDER CROSSINGS FOR CARS / OTHER VEHICLES, 1999 – 2003

		Two-way traffic volumes										
		Millions						Per cent				
Crossing	Province	1999	2000	2001	2002	2003	2003 rank	1999	2000	2001	2002	2003
Detroit-Windsor Tunnel	Ontario	9.4	8.4	7.6	6.9	6.4	1	12.8	11.6	11.1	10.7	10.7
Ambassador Bridge–Windsor	Ontario	9.0	8.8	7.9	7.1	6.4	2	12.2	12.1	11.6	11.1	10.6
Peace Bridge–Fort Erie	Ontario	6.5	6.8	6.7	6.7	5.8	3	8.8	9.3	9.8	10.4	9.7
Pacific Highway/Douglas	British Columbia	6.1	6.0	5.5	4.8	4.7	4	8.2	8.3	8.1	7.4	7.8
Blue Water Bridge–Sarnia	Ontario	4.1	4.4	4.1	3.9	3.7	5	5.5	6.0	6.1	6.1	6.1
Rainbow Bridge–Niagara	Ontario	4.1	3.7	4.2	4.1	3.3	6	5.6	5.1	6.1	6.4	5.5
Queenston-Lewiston Bridge–Niagara	Ontario	3.4	3.5	3.3	3.2	3.0	7	4.6	4.8	4.8	5.0	5.0
Cornwall	Ontario	2.0	2.1	2.0	2.1	2.1	8	2.8	2.9	3.0	3.3	3.5
Lacolle	Quebec	2.0	2.0	1.9	2.0	1.9	9	2.6	2.7	2.8	3.1	3.1
Sault Ste. Marie	Ontario	2.5	2.4	2.1	1.8	1.6	10	3.4	3.3	3.0	2.8	2.7
Boundary Bay	British Columbia	1.6	1.7	1.5	1.4	1.4	11	2.2	2.3	2.2	2.1	2.4
St. Stephen	New Brunswick	1.9	1.8	1.6	1.3	1.4	12	2.5	2.4	2.4	2.1	2.3
Edmundston	New Brunswick	1.5	1.5	1.3	1.3	1.4	13	2.0	2.0	2.0	2.1	2.3
Huntingdon	British Columbia	1.5	1.5	1.3	1.1	1.1	14	2.0	2.0	1.9	1.8	1.9
Lansdowne	Ontario	1.2	1.2	1.2	1.2	1.1	15	1.7	1.7	1.7	1.8	1.8
Aldergrove	British Columbia	1.2	1.2	1.2	1.1	1.1	16	1.7	1.7	1.7	1.7	1.8
Rock Island	Quebec	1.2	1.2	1.2	1.1	1.0	17	1.6	1.7	1.7	1.7	1.7
Philipsburg	Quebec	0.8	0.9	0.9	0.9	0.8	18	1.2	1.2	1.3	1.4	1.4
Fort Frances	Ontario	0.9	0.9	0.8	0.8	0.8	19	1.2	1.2	1.1	1.2	1.3
Milltown	New Brunswick	0.7	0.7	0.8	0.7	0.7	20	1.0	1.0	1.1	1.1	1.2
<b>Top 20</b>		<b>61.4</b>	<b>60.7</b>	<b>56.9</b>	<b>53.3</b>	<b>49.8</b>		<b>83.4</b>	<b>83.4</b>	<b>83.5</b>	<b>83.1</b>	<b>82.8</b>
<b>Total</b>		<b>73.7</b>	<b>72.8</b>	<b>68.1</b>	<b>64.2</b>	<b>60.1</b>						

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

Source: International travel section, Statistics Canada and other unpublished statistics

**TABLE A8-1: NUMBER OF PORT SITES UNDER THE CONTROL AND ADMINISTRATION OF TRANSPORT CANADA BY PROVINCE, 1996 – 2003**

(Status as of December 31, 2003)

	1996	1997	1998	1999	2000	2001	2002	2003
Newfoundland and Labrador	40	20	19	18	18	18	18	17
New Brunswick	9	7	6	3	3	3	3	2
Nova Scotia	35	35	31	18	12	5	4	4
Prince Edward Island	4	4	4	4	4	4	4	4
Quebec	48	46	46	45	36	36	36	35
Ontario	37	30	25	20	19	16	14	13
Manitoba	2	2	2	2	2	2	1	1
Saskatchewan	4	4	4	4	4	4	4	2
Alberta	1	1	1	1	1	1	1	1
British Columbia	92	89	89	78	68	40	28	20
Northwest Territories	0	0	0	0	0	0	0	0
<b>Total</b>	<b>272</b>	<b>238</b>	<b>227</b>	<b>293</b>	<b>167</b>	<b>129</b>	<b>113</b>	<b>99</b>

Source: Port Corporations and Port Property - AHPA, Transport Canada

**TABLE A8-2: DIVESTITURE STATUS OF TRANSPORT CANADA REGIONAL/LOCAL AND REMOTE PORTS**

(Status as of December 31, 2003)

Region	Transferred <sup>1</sup>	Deproclaimed <sup>2</sup>	Demolished/ Closed	Transport Canada Interests Terminated	Remaining	Total
Pacific	68	10	3	6	20	107
Prairie/Northern	47	1	0	0	4	52
Ontario	21	17	0	4	13	55
Quebec	13	23	2	0	35	73
Maritimes	29	157	0	8	10	204
Newfoundland and Labrador	38	3	0	0	17	58
<b>Total</b>	<b>216</b>	<b>211</b>	<b>5</b>	<b>18</b>	<b>99</b>	<b>549</b>

1 Numbers include remote ports and sites where harbour beds have not yet been divested.

2 Does not include deproclamation of 26 harbours found during subsequent archival research, nor deproclamation of 28 public harbours located adjacent to port facilities that had already been divested.

Source: Transport Canada

TABLE A8-3: CANADA PORT AUTHORITIES FINANCIAL PROFILES, 2002

(Millions of dollars)

<i>Financial Information</i>	<i>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>Fraser River<sup>1</sup></i>	<i>Hamilton</i>
Operating Revenues	96.022	60.424	18.270	12.660	9.747	3.860	4.821	2.928	16.094	13.994
Operating Expenses	63.286	58.050	13.493	10.230	10.130	3.260	4.980	3.322	13.809	5.331
Operating Income	32.736	6.610	4.776	2.428	0.390	0.600	(0.159)	(0.394)	1.330	8.662
Ratio: Expenses/Revenues	0.659	0.961	0.739	0.808	1.039	0.845	1.033	1.135	0.858	0.381
Net Income	25.155	6.290	4.547	2.074	1.190	0.526	0.049	(0.391)	1.544	2.343
Net Fixed Assets	493.111	195.720	88.810	82.710	60.166	22.930	79.967	7.421	100.894	1.003
Ratio: Net Income/ Fixed Assets	0.051	0.032	0.051	0.025	0.020	0.023	0.001	(0.053)	0.015	2.336
Investment Income	0.300	4.237	0.168	1.312	0.992	0.006	1.490	0.179	0.417	2.443
Funds from Operations	48.072	21.186	9.490	8.148	3.112	1.870	1.355	0.662	1.339	8.662
Funds Used in										
Investing Activities	26.430	19.160	3.560	21.090	8.600	4.520	0.719	(0.125)	5.893	0.673
Acquisition of Fixed Assets, net	25.450	21.290	3.560	19.035	3.050	4.530	0.179	0.010	0.000	1.003
<b>Total Assets</b>	<b>527.935</b>	<b>296.901</b>	<b>106.355</b>	<b>6.770</b>	<b>76.979</b>	<b>27.635</b>	<b>91.826</b>	<b>15.295</b>	<b>116.531</b>	<b>97.344</b>
Equity	459.748	258.700	91.404	32.710	74.170	20.605	90.914	14.822	90.820	94.266
Contributed Capital	150.259	237.263	50.857	22.090	61.660	18.420	84.611	3.237	88.705	62.649
Retained Earnings <sup>2</sup>	309.489	21.437	40.547	10.620	12.510	2.183	6.302	11.585	2.114	31.618

<i>Financial Information</i>	<i>Nanaimo</i>	<i>North Fraser</i>	<i>Thunder Bay</i>	<i>Toronto</i>	<i>Windsor</i>	<i>Saguenay</i>	<i>Sept-Îles</i>	<i>Trois-Rivières</i>	<i>Belledune</i>	<i>Total All CPA's<sup>2</sup></i>
Operating Revenues	4.892	2.686	2.463	11.310	1.131	1.480	7.841	3.691	5.956	<b>280.270</b>
Operating Expenses	4.255	2.331	1.440	14.429	1.159	1.090	4.340	2.454	3.628	<b>221.017</b>
Operating Income	0.630	0.360	0.290	(3.120)	(0.029)	(0.216)	0.063	2.390	2.130	<b>59.477</b>
Ratio: Expenses/ Revenues	0.870	0.868	0.585	1.276	1.025	0.736	0.554	0.665	0.609	<b>15.644</b>
Net Income	(0.817)	0.463	1.130	1.609	0.092	0.580	1.305	2.578	0.675	<b>50.942</b>
Net Fixed Assets	24.892	1.990	15.004	38.572	1.733	3.880	33.945	12.757	41.293	<b>1,306.798</b>
Ratio: Net Income/ Fixed Assets	(0.033)	0.233	0.075	0.042	0.053	0.149	0.038	0.202	0.016	<b>3.278</b>
Investment Income	0.332	0.463	0.846	0.570	0.297	0.574	0.124	1.341	0.194	<b>16.285</b>
Funds from Operations	0.541	0.715	1.210	(0.460)	(0.078)	1.721	3.067	2.223	1.458	<b>114.294</b>
Funds Used in										
Investing Activities	(3.560)	3.242	1.141	1.742	0.068	2.234	1.841	2.108	2.993	<b>102.329</b>
Acquisition of Fixed Assets, net	4.370	0.198	0.386	(1.649)	0.360	(0.337)	0.633	0.400	1.449	<b>83.917</b>
<b>Total Assets</b>	<b>34.900</b>	<b>37.662</b>	<b>31.608</b>	<b>69.514</b>	<b>10.105</b>	<b>17.375</b>	<b>39.150</b>	<b>36.952</b>	<b>47.779</b>	<b>1,688.616</b>
Equity	28.769	11.212	31.332	62.732	9.370	17.375	16.786	35.901	19.391	<b>1,461.027</b>
Contributed Capital	24.991	6.847	27.711	0.000	8.617	13.999	11.707	(6.740)	18.428	<b>885.311</b>
Retained Earnings <sup>2</sup>	3.778	4.365	3.620	62.732	0.780	3.176	5.079	42.641	0.963	<b>575.539</b>

Note: Due to rounding, columns may not add to totals shown.

1 Fraser River figures represent 12-month period for year ending April 30, 2003. All other figures represent 2002 calendar year.

2 May include previous years as reported in the financial statements.

Source: Port Financial Statements, Transport Canada

**TABLE A8-4: CPA FINANCIAL COMPARISON, 2001 AND 2002**

(Millions of dollars)

CPA Ports <sup>1</sup>	Revenues		Expenses		Net Income	
	2001	2002	2001	2002	2001	2002
Vancouver	92.11	96.022	60.29	63.286	29.68	25.155
Montreal	59.71	60.42	59.53	58.05	4.76	6.29
Halifax	18.27	18.270	12.44	13.493	5.65	4.547
Quebec	11.16	12.66	11.71	10.23	2.54	2.07
Saint John	10.21	9.740	9.72	10.130	1.48	1.190
St. John's	3.55	3.86	2.93	3.26	0.52	0.53
Prince Rupert	5.48	4.82	5.31	4.98	0.58	0.049
Port Alberni	2.58	2.808	2.32	3.382	0.622	(0.391)
Fraser River	13.4	16.094	11.93	13.809	1.12	1.544
Nanaimo	5.52	4.89	3.98	4.26	0.12	(0.82)
North Fraser	2.61	2.68	2.39	2.33	0.35	0.46
Thunder Bay	2.45	2.46	1.63	1.44	0.97	1.13
Toronto	11.16	11.31	13.34	14.43	(0.99)	1.6
Windsor	1.11	1.13	1.05	1.16	0.23	0.092
Saguenay	1.24	1.48	0.98	1.09	1.03	0.58
Sept-Îles	3.33	7.680	3.23	4.66	1.24	1.31
Trois-Rivières	3.55	3.69	2.7	2.45	2.28	2.58
Belledune	5.83	5.96	3.97	3.63	0.23	0.68
Hamilton	12.96	13.994	5.29	5.331	2.19	2.343
<b>Total CPA Ports</b>	<b>266.23</b>	<b>279.968</b>	<b>214.74</b>	<b>221.401</b>	<b>54.602</b>	<b>50.939</b>

Note: Due to rounding, columns may not add to totals shown.  
 1 Some 2001 figures have been restated to reflect changes in accounting policies as was reported in the 2002 audited financial statements.

Source: Port Authority Financial Statements, Transport Canada

**TABLE A8-5: FINANCIAL RESULTS OF MAJOR PORTS, 1998 – 2002**

(Millions of dollars)

	1998 <sup>1</sup>	1999 <sup>2</sup>	2000 <sup>3</sup>	2001 <sup>4</sup>	2002 <sup>5</sup>
Revenue	287.2	238.3	256.2	266.230	280.241
Expenses	227	209.2	215.5	214.74	221.021
Operating Income	60.2	29.1	40.7	40.7	59.477
Ratios <sup>6</sup> (per cent)	79	88	84	80.6	78.8
<b>Net Income</b>	<b>28.1</b>	<b>35.7</b>	<b>34.2</b>	<b>54.602</b>	<b>50.939</b>

1 Includes all Harbour Commissions and Ports Canada Ports.  
 2 Includes those ports with CPA status as of December 31, 1999. Figures have been updated to reflect changes in accounting policies as was reported in the 2000 audited financial statements.  
 3 Includes those ports with CPA status as of December 31, 2000.  
 4 Includes those ports with CPA status as of December 31, 2001; edits were made based on corrections to 2001 financial statements.  
 5 Includes those ports with CPA status as of December 31, 2002.  
 6 Ratios: expenses/revenues.

Source: Port Financial Statements, Port Corporations and Port Property - AHPA, Transport Canada

**TABLE A8-6: FINANCIAL RESULTS FOR TRANSPORT CANADA PORTS, 1998/99 – 2002/03**

(Millions of dollars)

	1998/99	1999/2000	2000/01	2001/02	2002/03
Revenue	18.6	19	12.9	13.8	13.1
Expenses	24.3	26.2	22	23.6	19.4
Operating Income	(5.70)	(7.10)	(9.10)	(9.80)	(6.30)
<b>Capital Expenditures</b>	<b>4.1</b>	<b>7.6</b>	<b>10.4</b>	<b>6.8</b>	<b>2.2</b>
Grants & Contributions	1.3	16.6	45.4	23.1	22.1
<b>Ratio: Expenses/Revenues</b>	<b>131</b>	<b>137</b>	<b>170</b>	<b>171</b>	<b>148</b>

Source: Annual reports, Transport Canada

**TABLE A8-7: TOTAL TONNAGE HANDLED IN CANADA'S PORT SYSTEM, 2001 – 2002**

(Thousands of tonnes)

Port System	2001	2002 Total <sup>1</sup>	Percentage Change
Canada Port Authorities	219,901	215,076	(2.19)
Canada Port Corporation and Harbour Commissions	629	704	11.92
Transport Canada	72,748	81,769	12.40
Other	99,770	110,397	10.65
<b>Total<sup>2</sup></b>	<b>393,048</b>	<b>407,946</b>	<b>3.79</b>

1 Tonnage statistics include cargos shipped across private facilities.  
 2 Due to rounding, numbers may not add to totals shown.

Source: Statistics Canada, Shipping in Canada Cat. 54-205



**TABLE A8-8: TOTAL PILOTAGE ASSIGNMENTS AND ASSIGNMENTS PER PILOT, 1998 – 2003**

<i>Pilotage Authority</i>	<i>Indicators</i>	1998	1999	2000	2001	2002	2003
Atlantic (APA)	Total Assignments	9,726	11,090	11,498	11,751	11,804	12,510
	Assignments per Pilot	187	213	229	240	231	223
Laurentian (LPA)	Total Assignments	22,018	21,654	20,713	18,655	19,149	19,599
	Assignments per Pilot	121	120	114	96	111	114
Great Lakes (GLPA)	Total Assignments	9,085	8,108	8,605	7,879	7,510	5,943
	Assignments per Pilot	147	118	106	106	119	94
Pacific (PPA)	Total Assignments	13,267	13,776	14,585	13,435	12,655	12,952
	Assignments per Pilot	115	117	130	118	116	118
<b>Total All Authorities</b>	<b>Total Assignments</b>	<b>54,096</b>	<b>54,628</b>	<b>55,402</b>	<b>50,992</b>	<b>51,118</b>	<b>49,004</b>
	<b>Assignments per Pilot</b>	<b>132</b>	<b>131</b>	<b>129</b>	<b>120</b>	<b>129</b>	<b>123</b>

Source: Pilotage Authorities' annual reports

**TABLE A8-9: ST. LAWRENCE SEAWAY CARGO MOVEMENTS, 1990 – 2003**

<i>Year</i>	(Thousands of tonnes)	
	<i>Montreal-Lake Ontario Section</i>	<i>Welland Canal Section</i>
1990	36,656	39,398
1991	34,910	36,919
1992	31,360	33,174
1993	31,970	31,815
1994	38,422	39,703
1995	38,684	39,376
1996	38,075	41,145
1997	36,901	40,902
1998	39,246	40,657
1999	36,400	37,422
2000	35,406	36,572
2001	30,278	32,485
2002	29,845	31,785
2003 (estimated)	28,878	31,876

Source: St. Lawrence Seaway Authority/St. Lawrence Seaway Management Corporation

**TABLE A8-10: ST. LAWRENCE SEAWAY TRAFFIC<sup>1</sup> BY COMMODITY, 1993 – 2003**

<i>Year</i>	(Thousands of tonnes)					
	<i>Grain</i>	<i>Iron Ore</i>	<i>General Cargo</i>	<i>Coal</i>	<i>Other</i>	<i>Total</i>
1993	10,592	10,906	4,432	4,408	10,647	40,985
1994	12,464	12,625	7,019	4,528	12,255	48,891
1995	14,485	11,872	4,844	5,005	11,917	48,124
1996	12,158	13,362	6,056	5,460	12,903	49,939
1997	13,339	12,051	5,418	5,545	12,600	48,953
1998	12,483	12,117	7,182	5,510	13,839	51,131
1999	14,084	11,320	4,578	4,542	13,335	47,859
2000	13,200	11,315	5,065	4,346	12,628	46,554
2001	11,792	8,657	3,005	4,804	13,447	41,705
2002	10,292	9,641	4,215	4,159	12,810	41,117
2003 <sup>2</sup>	9,646	10,642	2,546	4,189	13,870	40,853

1 Combined traffic on the two sections of the Seaway.

2 2003 figures are estimated.

Source: St. Lawrence Seaway Management Corporation

<b>TABLE A8-11: OVERVIEW OF MAJOR FERRY SERVICES</b>
<p><b>Marine Atlantic Inc.</b> Marine Atlantic Inc. is the federal Crown corporation that operates the constitutionally guaranteed year-round ferry link between North Sydney, Nova Scotia, and Port aux Basques, Newfoundland and Labrador, as well as the seasonal alternative between North Sydney, Nova Scotia, and Argentia, Newfoundland and Labrador.</p>
<p><b>Woodward Group</b> Under contract with the Province of Newfoundland, the Woodward Group operates a single passenger/vehicle ferry service from May to January between Blanc Sablon, Quebec, and St. Barbe, Newfoundland and Labrador.</p>
<p><b>Newfoundland and Labrador's Department of Works, Services and Transportation</b> Newfoundland and Labrador's Department of Works, Services and Transportation provides all the intraprovincial and coastal ferry services under contract with some private companies. In addition, this provincial department operates the coastal service to Labrador, which was formerly provided by Marine Atlantic Inc.</p>
<p><b>Northumberland Ferries Ltd. (NFL)</b> NFL is a private company that provides a seasonal passenger/vehicle service from May to December between Caribou, Nova Scotia, and Wood Islands, Prince Edward Island. The federal government provides financial assistance to NFL under the terms of a subsidy agreement.</p>
<p><b>Bay Ferries Ltd.</b> Bay Ferries Ltd. is a private company that provides a year-round passenger/vehicle service between Saint John, New Brunswick, and Digby, Nova Scotia, and a seasonal fast ferry service from June to mid-October between Yarmouth, Nova Scotia, and Bar Harbor, Maine. The company leases three ferry terminals and one vessel from the federal government.</p>
<p><b>Nova Scotia's Department of Transportation and Public Works</b> Nova Scotia's Department of Transportation and Public Works operates eight passenger and vehicle ferry services, including cable ferries at LaHave, Country Harbour, Englishtown and Little Narrows and self-propelled ferries at Tancook Island, Petit Passage and Grand Passage.</p>
<p><b>Coastal Transport Ltd.</b> Under contract with the Province of New Brunswick, Coastal Transport Ltd. operates a year-round passenger/vehicle service between Black's Harbour and the Island of Grand Manan and between Ingalls Head on Grand Manan and White Head Island, New Brunswick.</p>
<p><b>New Brunswick's Department of Transportation</b> New Brunswick's Department of Transportation operates 12 passenger and vehicle ferry services, including Deer Island, Gagetown, Hampstead and Belleisle Bay.</p>
<p><b>C.T.M.A. Traversier Ltée.</b> C.T.M.A. is a private company that operates a seasonal passenger/vehicle ferry service from April to January between Souris, Prince Edward Island, and Cap-aux-Meules, Magdalen Islands, Quebec. The federal government provides financial assistance to C.T.M.A. under the terms of a subsidy agreement. In addition, the company provides a winter passenger/cargo service between Matane and Cap-aux-Meules under contract with the Province of Quebec.</p>
<p><b>La Société des traversiers du Québec (STQ)</b> Subsidized by the Province of Quebec's transportation ministry, STQ provides five year-round passenger/vehicle ferry services across the St. Lawrence River. STQ is also responsible for three provincially subsidized services operated by private companies between Rivière-du-Loup and Saint-Siméon, Montmagny and Île-aux-Grues, and Cap-aux-Meules and Île-d'Entrée.</p>
<p><b>Ontario Ministry of Transportation</b> The Ontario Ministry of Transportation provides financial support to four year-round ferry operations in eastern Ontario, including services to Glenora, Wolfe Island, Amherst and Howe Islands.</p>
<p><b>Owen Sound Transportation Company (OSTC)</b> The OSTC provides seasonal passenger/vehicle services on Lake Huron between Tobermory and South Baymouth (on Manitoulin Island) from May to mid-October. The company also operates the services on Lake Erie between Leamington/Kingsville and Pelee Island, Ontario, and Sandusky, Ohio, from April through December on behalf of the Province of Ontario.</p>
<p><b>Manitoba Department of Highways and Transportation</b> The Manitoba Department of Highways and Transportation operates seven passenger/vehicle ferries on the province's lakes and rivers, including services to Norway House, Matheson Island and Cross Lake.</p>
<p><b>Saskatchewan Ministry of Highways and Transportation</b> The Saskatchewan Ministry of Highways and Transportation operates 13 seasonal river ferries. Some of the services are in Estuary, Lemsford, Lancer, Riverhurst, Clarkboro, Hague, St. Laurent, Fenton, Weldon, Paynton, Wingard, Cecil and Wollaston Barge.</p>
<p><b>British Columbia Ferry Corporation (BC Ferries)</b> BC Ferry Services Inc. is the largest ferry operation company in North America and operates a fleet of 40 vessels on 26 routes. The company receives a federal grant for the provision of ferry service in coastal waters, as well as provincial subsidies. The company is now an independent, self-financing corporation, with its voting shares owned by the B.C. Ferry Authority and its non-voting shares owned by the Province of British Columbia. The B.C. Ferry Commission regulates the corporation's service levels and rates according to the contract between BC Ferry Services Inc. and the Province.</p>
<p><b>British Columbia's Ministry of Transportation</b> British Columbia's Ministry of Transportation operates the province's 16 inland ferry services, including Adam's Lake, Barnston Island, Glade, Kooteney Lake and Galena/Shelter Bay. The Ministry contracts with two private operators for the provision of two services.</p>

<b>TABLE A8-11: OVERVIEW OF MAJOR FERRY SERVICES — OTHER FERRY OPERATORS</b>
<b>Newfoundland and Labrador</b> Lake's Travel Ltd., St. Pierre Tours Ltd.
<b>Nova Scotia</b> Scotia Prince Cruises, Halifax Metro Transit, Marine Acadie Ltée.
<b>New Brunswick</b> East Coast Ferries Ltd.
<b>Quebec</b> Traversier Le Passeur Inc., Traverse Oka Inc., Relais Nordik Inc., Compagnie de Navigation des Basques Inc., Traverse Rimouski-Forestville
<b>Ontario</b> Detroit–Windsor Truck Ferry, Walpole Algonac Ferry Line, Traverse Lefaive/Montebello Ltée., City of Toronto, Township of Frontenac Islands, Horne Transportation Co. Ltd., Blue Water Ferry Ltd.
<b>Alberta</b> Bleriot Ferry, Rosevear Ferry, Shaftesbury Ferry, Crowfoot Ferry, Finnegan Ferry, La Crete Ferry, Klondike Ferry, Edwon Ferry
<b>British Columbia</b> Harbour Lynx, Black Ball Transport Inc., Victoria Express Passenger Ferry, Vancouver Transit, Victoria San Juan Cruises, Washington State Ferries, Alaska Marine Highway, Victoria Clipper, Victoria Harbour Ferry, Nootka Sound Service, Translink, Alberni Marine Transportation, Fraser River Marine Transportation
<b>Yukon</b> Government of Yukon
<b>Northwest Territories</b> Department of Transportation

**TABLE A8-12: INTERNATIONAL CRUISE SHIP TRAFFIC AT MAJOR CANADIAN PORTS, 1992 – 2003**

Year	(Passengers)				
	Vancouver	Montreal	Quebec City	Halifax	Saint John
1992	449,239	34,872	41,141	30,112	5,500
1993	519,942	30,626	38,642	30,917	12,379
1994	591,409	33,920	36,401	37,717	23,629
1995	596,724	27,384	38,981	30,257	12,226
1996	701,547	19,078	21,464	36,584	8,543
1997	816,537	29,324	36,569	44,328	19,813
1998	873,102	32,583	43,838	47,987	28,418
1999	947,659	18,306	34,628	107,837	40,000
2000	1,053,989	25,200	35,855	138,313	101,410
2001	1,060,383	23,900	48,776	160,241	88,190
2002	1,125,252	38,000	66,365	157,036	71,168
2003 (prel.)	953,376	33,600	59,000	170,425	83,946

Source: Canada Port Authorities

**TABLE A8-13: CANADA'S MARINE TRAFFIC STATISTICS BY SECTOR, 1986 – 2002**

Year	(Millions of tonnes)				
	Flows		Overseas	Total Flows	Total Handled
	Domestic	Transborder			
1986	60.5	68.2	138.4	267.1	327.6
1987	67.6	73.2	153.8	294.6	362.2
1988	70.0	83.8	166.2	320.0	390.0
1989	62.0	82.7	156.7	301.4	363.4
1990	60.4	76.2	156.1	292.7	353.1
1991	57.9	67.0	167.2	292.1	350.0
1992	52.3	67.9	155.3	275.5	327.8
1993	50.4	69.9	154.2	274.5	324.9
1994	52.2	78.8	168.1	299.1	351.3
1995	50.4	85.2	174.5	310.1	360.5
1996	48.8	88.5	171.4	308.7	357.5
1997	46.7	94.3	188.4	329.4	376.1
1998	48.3	100.1	179.4	327.8	376.1
1999	52.2	102.0	179.2	333.4	385.6
2000	54.5	108.8	185.0	348.3	402.8
2001	53.9	108.0	178.9	340.8	394.7
2002	62.6	114.3	168.4	345.4	407.9

Source: Statistics Canada, Shipping in Canada, Cat. 54-205

**TABLE A8-14: SHARE OF TONNAGE CARRIED BY FOREIGN-FLAG SHIPS IN THE CANADIAN COASTING TRADE, 1988 – 2002**

Year	Canadian	Per cent	Foreign	Per cent	Total
1988	69,584,800	99.44	389,227	0.56	69,974,027
1989	61,455,525	99.10	560,148	0.90	62,015,674
1990	60,023,967	99.45	331,812	0.55	60,355,779
1991	57,861,709	99.92	48,393	0.08	57,910,102
1992	52,021,337	99.54	240,231	0.46	52,261,568
1993	49,755,366	98.74	634,109	1.26	50,389,475
1994	51,480,094	98.65	703,810	1.35	52,183,904
1995	49,424,523	98.12	945,352	1.88	50,369,875
1996	47,754,378	97.81	1,070,242	2.19	48,824,620
1997	45,500,755	97.41	1,208,017	2.59	46,708,772
1998	47,314,590	97.95	988,993	2.05	48,303,583
1999	51,550,044	98.76	648,774	1.24	52,198,817
2000	53,885,963	98.85	627,067	1.15	54,513,030
2001	52,803,710	97.96	1,099,099	2.04	53,902,809
2002 <sup>1</sup>	59,804,175	95.49	2,822,114	4.51	62,626,289

<sup>1</sup> Significant increase of "Crude Petroleum Oils" shipments from Grand Bank (Hibernia) and Come-By-Chance by foreign-flag ships.

Source: Transport Canada, from data supplied by Statistics Canada

**TABLE A8-15: CONFERENCE/NON-CONFERENCE SHARES OF CANADIAN LINER TRADE, 1994 – 2002**

	(Millions of tonnes)								
	1994	1995	1996	1997	1998	1999	2000	2001	2002
Conference									
Exports	5.6	5.6	5.9	5.9	5.4	3.8	3.9	3.7	3.5
Imports	5.0	4.4	4.7	4.3	4.3	4.3	6.8	6.6	7.3
<b>Total</b>	<b>10.6</b>	<b>10.0</b>	<b>10.6</b>	<b>10.2</b>	<b>9.7</b>	<b>8.1</b>	<b>10.6</b>	<b>10.3</b>	<b>10.8</b>
Non-conference									
Exports	5.3	6.5	6.8	6.5	8.2	11.4	12.6	11.6	12.7
Imports	3.6	3.6	3.7	5.3	6.6	6.9	7.9	5.8	5.4
<b>Total</b>	<b>8.9</b>	<b>10.0</b>	<b>10.5</b>	<b>11.8</b>	<b>14.8</b>	<b>18.3</b>	<b>20.5</b>	<b>17.4</b>	<b>18.1</b>

Source: Transport Canada, from data supplied by Statistics Canada

**TABLE A8-16: CANADA'S MARITIME TRADE WITH THE UNITED STATES, 1986 – 2002**

Year	(Millions of tonnes)		
	Loaded	Unloaded	Total
1986	36.8	31.4	68.2
1987	39.8	33.5	73.3
1988	47.0	36.8	83.8
1989	43.4	39.3	82.7
1990	43.1	33.2	76.3
1991	36.8	30.2	67.0
1992	35.9	32.0	67.9
1993	42.1	27.8	69.9
1994	49.5	29.3	78.8
1995	49.9	35.3	85.2
1996	52.4	36.1	88.5
1997	56.9	37.4	94.3
1998	58.9	41.2	100.1
1999	59.7	42.3	102.0
2000	64.7	44.0	108.8
2001	62.0	45.9	107.9
2002	72.9	41.4	114.3

Source: Statistics Canada, Cat. 54-205; Transport Canada

**TABLE A8-17: CANADA'S OVERSEAS MARITIME TRADE WITH THE UNITED STATES, 1986 – 2002**

Year	(Millions of tonnes)		
	Loaded	Unloaded	Total
1986	107.8	30.6	138.4
1987	119.2	34.6	153.8
1988	124.1	42.1	166.2
1989	115.7	41.0	156.7
1990	116.0	40.1	156.1
1991	131.3	35.9	167.2
1992	118.0	37.3	155.3
1993	110.4	43.8	154.2
1994	120.5	47.6	168.1
1995	126.6	47.9	174.5
1996	121.9	49.5	171.4
1997	131.1	57.3	188.4
1998	120.2	59.2	179.4
1999	119.9	59.3	179.2
2000	123.1	61.9	185.0
2001	112.7	66.2	178.9
2002	101.4	67.0	168.4

Source: Statistics Canada, Cat. 54-205; Transport Canada

TABLE A8-18: TOTAL MARINE IMPORTS/EXPORTS BY COMMODITY, 2002

**Canada–U.S. Trade** (Billions of dollars)

<i>Commodity</i>	<i>Export<sup>1</sup></i>	<i>Commodity</i>	<i>Import</i>
Gasoline/fuel oils	5.570	Coal	0.877
Crude petroleum	2.395	Gasoline/fuel oils	0.669
Basic chemicals	0.769	Basic chemicals	0.607
Textiles, leathers, other end products	0.332	Iron ore/concentrates	0.303
Newsprint	0.605	LPG & other refined petroleum	0.179
Iron ore/concentrates	0.245	Electronic/electrical machinery	0.151
Logs & other rough wood	0.192	Grains	0.133
Lumber	0.123	Textiles, leathers, & other end products	0.096
LPG & other refined petroleum	0.122	Non-ferrous metals	0.086
Cement	0.122	Machinery & related equipment	0.036
Iron/steel primary	0.119	Other food products	0.031
Machinery & related equipment	0.102	Crude petroleum	0.022
Other commodities	0.651	Other commodities	0.147
<b>Total (All Commodities)</b>	<b>11.346</b>	<b>Total (All Commodities)</b>	<b>3.337</b>

**Canada–Overseas Trade** (Billions of dollars)

<i>Commodity</i>	<i>Export<sup>1</sup></i>	<i>Commodity</i>	<i>Import</i>
Grains	4.378	Textiles, leathers, & other end products	8.437
Wood pulp	3.981	Crude petroleum	8.414
Other food products	3.906	Passenger motor vehicle	8.236
Non-ferrous products & alloys	3.377	Machinery & related equipment	4.882
Textiles, leathers, & other end products	2.980	Basic chemicals	3.226
Lumber	2.047	Other food products	2.955
Machinery & related equipment	1.778	Electronic/electrical machinery	2.762
Basic chemicals	1.703	Iron/steel primary	2.008
Coal	1.493	Furniture, major appliances	1.846
Newsprint	1.478	Plastic/rubber products	1.587
Potash	1.260	Fabricated steel products	1.362
Iron ore	0.844	Engine and parts	1.022
Non-ferrous metals	0.732	Alcoholic/non-alcoholic beverages	0.998
Plastic/rubber products	0.641	Non-metallic products	0.869
Other commodities	4.155	Other commodities	5.155
<b>Total (All Commodities)</b>	<b>34.753</b>	<b>Total (All Commodities)</b>	<b>53.758</b>

<sup>1</sup> Including domestic exports and re-exports.

Source: Statistics Canada, Cat. 65-202 and 65-203; Special tabulations

**TABLE A9-1: AIRPORT AUTHORITIES FINANCIAL PERFORMANCE, 2002**

(Thousands of dollars)

<i>Financial Information</i>	<i>Calgary</i>	<i>Vancouver</i>	<i>Edmonton</i>	<i>Montreal</i>	<i>Toronto</i>	<i>Ottawa</i>	<i>Winnipeg</i>	<i>Victoria</i>	<i>Halifax</i>	<i>Saskatoon</i>	<i>Kelowna</i>
Aeronautical Revenues	41,855	91,025	23,517	63,481	306,226	20,742	16,584	3,151	16,404	3,296	2,943
Non-Aeronautical Revenues	38,620	104,800	17,565	83,366	172,190	20,876	13,416	4,888	12,012	4,074	3,078
Airport Improvement Fees	36,431	52,647	18,016	50,174	99,461	13,690	11,757	2,429	8,695	1,835	2,684
Federal Government Subsidies	0	0	0	0	0	0	0	0	0	0	0
<b>Total Revenues</b>	<b>116,906</b>	<b>248,472</b>	<b>59,098</b>	<b>197,021</b>	<b>577,877</b>	<b>55,308</b>	<b>41,757</b>	<b>10,468</b>	<b>37,111</b>	<b>9,205</b>	<b>8,705</b>
Expenses (less Interest Charges)	61,529	121,322	44,881	149,290	336,598	26,245	24,024	6,802	23,587	6,482	4,062
Rent to Federal Government	22,475	66,257	1,733	6,412	134,514	11,005	3,625	1,058	0	0	0
<b>Income</b>	<b>32,902</b>	<b>60,893</b>	<b>12,484</b>	<b>41,319</b>	<b>106,765</b>	<b>18,058</b>	<b>14,108</b>	<b>2,608</b>	<b>13,524</b>	<b>2,723</b>	<b>4,643</b>
Interest Charges	1,692	21,375	15,605	14,183	127,204	6,617	0	85	0	0	514
<b>Net Income</b>	<b>31,210</b>	<b>39,518</b>	<b>(3,121)</b>	<b>27,136</b>	<b>(20,439)</b>	<b>11,441</b>	<b>14,108</b>	<b>2,523</b>	<b>13,524</b>	<b>2,723</b>	<b>4,129</b>
Other Information:											
Acquisition of capital assets	187,897	54,774	48,346	137,953	1,026,498	147,230	4,289	8,094	12,369	7,698	3,285
Enplaned/Deplaned Passengers (000)	8,044	13,883	3,660	8,807	25,052	3,257	2,670	1,058	2,591	790	784
<b>Ratios:</b>											
Expenses as a % of Revenues	52.63	48.83	75.94	75.77	58.25	47.45	57.53	64.98	63.56	70.42	46.66
Aeronautical Revenues as a % of Total	35.80	36.63	39.79	32.22	52.99	37.50	39.72	30.10	44.20	35.81	33.81
Non-Aeronautical Revenues as a % of Total	33.04	42.18	29.72	42.31	29.80	37.74	32.13	46.69	32.37	44.26	35.36
<b>Revenues per passenger</b>	<b>\$14.53</b>	<b>\$17.90</b>	<b>\$16.15</b>	<b>\$22.37</b>	<b>\$23.07</b>	<b>\$16.98</b>	<b>\$15.64</b>	<b>\$9.89</b>	<b>\$14.32</b>	<b>\$11.65</b>	<b>\$11.10</b>
<b>Expenses per passenger</b>	<b>\$7.86</b>	<b>\$10.28</b>	<b>\$16.53</b>	<b>\$18.56</b>	<b>\$18.51</b>	<b>\$10.09</b>	<b>\$9.00</b>	<b>\$6.51</b>	<b>\$9.10</b>	<b>\$8.21</b>	<b>\$5.84</b>
<i>Financial Information</i>	<i>Quebec</i>	<i>Regina</i>	<i>St. John's</i>	<i>Thunder Bay</i>	<i>London</i>	<i>Moncton</i>	<i>Saint John</i>	<i>Charlottetown</i>	<i>Gander</i>	<i>Fredericton</i>	<i>Total</i>
Aeronautical Revenues	4,705	2,983	5,606	1,793	1,839	2,713	1,408	1,152	2,137	1,399	614,959
Non-Aeronautical Revenues	3,940	3,279	4,068	3,800	2,178	2,444	1,048	1,650	1,773	1,319	500,384
Airport Improvement Fees	2,716	3,109	4,043	0	1,552	1,465	797	738	377	1,145	313,761
Federal Government Subsidies	10	0	0	0	0	0	437	705	213	272	1,637
<b>Total Revenues</b>	<b>11,371</b>	<b>9,371</b>	<b>13,717</b>	<b>5,593</b>	<b>5,569</b>	<b>6,622</b>	<b>3,690</b>	<b>4,245</b>	<b>4,500</b>	<b>4,135</b>	<b>1,430,741</b>
Expenses (less Interest Charges)	9,194	5,592	10,128	5,724	4,240	(4,149)	3,538	(9,855)	4,602	3,084	836,920
Rent to Federal Government	0	0	0	0	0	0	0	0	0	0	247,079
<b>Income</b>	<b>2,177</b>	<b>3,779</b>	<b>3,589</b>	<b>(131)</b>	<b>1,329</b>	<b>10,771</b>	<b>152</b>	<b>14,100</b>	<b>(102)</b>	<b>1,051</b>	<b>346,742</b>
Interest Charges	0	0	25	0	0	9,920	0	13,036	20	0	210,276
<b>Net Income</b>	<b>2,177</b>	<b>3,779</b>	<b>3,564</b>	<b>(131)</b>	<b>1,329</b>	<b>851</b>	<b>152</b>	<b>1,064</b>	<b>(122)</b>	<b>1,051</b>	<b>136,466</b>
Other Information:											
Acquisition of capital assets	693	746	8,959	2,457	10,251	15,142	5,095	1,334	4,757	7,926	1,695,793
Enplaned/Deplaned Passengers (000)	612	790	745	561	338	347	175	151	63	196	74,574
<b>Ratios:</b>											
Expenses as a % of Revenues	80.85	59.67	73.84	102.34	76.14	(62.65)	95.88	(232.16)	102.27	74.58	58.50
Aeronautical Revenues as a % of Total	41.38	31.83	40.87	32.06	33.02	40.97	38.16	27.14	47.49	33.83	42.98
Non-Aeronautical Revenues as a % of Total	34.65	34.99	29.66	67.94	39.11	36.91	28.40	38.87	39.40	31.90	34.97
<b>Revenue per passenger (excluding subsidies)</b>	<b>\$18.56</b>	<b>\$11.86</b>	<b>\$18.41</b>	<b>\$9.97</b>	<b>\$16.48</b>	<b>\$19.08</b>	<b>\$18.59</b>	<b>\$23.44</b>	<b>\$68.37</b>	<b>\$19.71</b>	<b>\$19.16</b>
<b>Expenses per passenger</b>	<b>\$15.02</b>	<b>\$7.08</b>	<b>\$13.63</b>	<b>\$10.20</b>	<b>\$12.54</b>	<b>\$16.63</b>	<b>\$20.22</b>	<b>\$21.07</b>	<b>\$73.72</b>	<b>\$15.73</b>	<b>\$14.04</b>

Notes: Aeronautical revenues are generated principally from airlines and other commercial aviation sources, and consist mainly of landing fees and terminal fees, plus the recovery of security costs. Revenues from concessionaire sales (stores, restaurants, etc.), car parking and space rental are considered non-aeronautical. Airport Improvement Fees represent the amount collected. The Rent figures differ from the actual cash received by the federal government due to accrual accounting treatment. In addition to its rent payment in 2002, Aéroports de Montréal repaid \$56.9 million in deferred rent plus interest. The Net Income figures for London and Quebec will not equal those shown in their audited financial statements due to their accounting treatment of Airport Improvement Fees.

Source: *Financial Figures - Airport Authority 2002*  
*Passenger Volume Figures - Transport Canada, September 2003*

**TABLE A9-2: AIRPORT CAPITAL ASSISTANCE PROGRAM EXPENDITURES BY PROVINCE, 1995/96 – 2003/04**

(Thousands of dollars)

<i>Province</i>	<i>1995/96</i>	<i>1996/97</i>	<i>1997/98</i>	<i>1998/99</i>	<i>1999/2000</i>	<i>2000/01</i>	<i>2001/02</i>	<i>2002/03</i>	<i>2003/04</i>	<i>Total</i>
Newfoundland and Labrador					315.4	3,011.3	1,530.2	941.3	653.4	6,451.6
Prince Edward Island										-
Nova Scotia				401.5	2,701.5	428.0	2,951.2	175.0	540.8	7,198.0
New Brunswick	509.3	885.3	1,086.7	4,553.2	295.6	748.3	54.1	6.4	-	8,138.9
Quebec			3,204.1	5,911.2	1,627.5	10,304.0	2,974.9	1,919.4	8,765.1	34,706.2
Ontario	909.4	3,232.7	13,465.4	7,592.6	2,932.4	8,115.9	8,980.8	8,835.4	2,194.4	56,259.0
Manitoba	151.1	172.0	970.4	2,186.8	3,850.4	2,014.0	3,321.0	4,266.4	4,822.6	21,754.7
Saskatchewan		2,876.6	451.8	1,575.3	5,102.9	3,087.2	3,625.5	606.2	2,319.2	19,644.7
Alberta	90.0	815.2	1,128.5	3,016.6	999.2	3,519.3	7,952.4	2,420.6	4,475.0	24,416.8
British Columbia	33.0	1,416.8	880.1	3,306.9	2,095.5	5,566.9	9,855.5	6,612.2	6,817.9	36,584.8
Northwest Territories					230.4	169.1	1,282.6	3,039.5	3,052.0	7,773.6
Yukon							603.7	1,974.9	156.9	2,735.5
Nunavut						1,655.2	205.1	1,588.9	1,000.1	4,449.3
<b>Total</b>	<b>1,692.8</b>	<b>9,398.6</b>	<b>21,187.0</b>	<b>28,544.1</b>	<b>20,150.8</b>	<b>38,619.2</b>	<b>43,337.0</b>	<b>32,386.2</b>	<b>34,797.4</b>	<b>230,113.1</b>

Note: Data for 003/04 are projected.  
 Source: Transport Canada

**TABLE A9-3: AIRPORTS CAPITAL ASSISTANCE PROGRAM – PROJECTS APPROVED IN 2003**

<i>Site</i>	<i>Description</i>	<i>Date</i>	<i>Project funding in thousands of dollars</i>
<b>Newfoundland and Labrador</b> Churchill Falls	Purchase front-end loader, snowblower, sweeper, 2 aviation radios	11.02.03	786.0
		<b>Sub-total</b>	<b>786.0</b>
<b>Prince Edward Island</b>		<b>Sub-total</b>	<b>0.0</b>
<b>Nova Scotia</b> Sydney Sydney	Refurbish 2 snowblowers Restoration of water treatment plant	11.02.03 11.02.03	465.5 93.5
		<b>Sub-total</b>	<b>559.0</b>
<b>New Brunswick</b>		<b>Sub-total</b>	<b>0.0</b>
<b>Quebec</b> Alma Puvirmituq Chisasibi Kangirsuk Alma La Grande Rivière Chisasibi Rouyn Rouyn Val d'Or	Signs and electric fence Refurbish runway Heavy vehicle and sand sheds Refurbish runway Snowplow and decelerometer Sweeper Front-end loader with snowblower Sweeper Purchase decelerometer Purchase decelerometer	11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03	638.5 721.2 1,135.0 1,053.0 317.4 314.5 402.0 195.2 7.7 7.0
		<b>Sub-total</b>	<b>4,791.5</b>
<b>Ontario</b> Sioux Lookout Keeawaywin Sachigo Lake Sudbury Dryden North Bay Red Lake Fort Frances North Bay	Wildlife/security fence Supply 20,000 cubic metres crushed gravel Supply of crushed gravel Rehabilitate runway 12-30 & edge lighting Plow truck Airport wildlife fence Construction of sand shed Install new airside signs Friction testing equipment	11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03	399.0 438.5 441.6 2,020.0 205.2 539.9 224.0 70.7 5.3
		<b>Sub-total</b>	<b>4,344.2</b>
<b>Manitoba</b> Oxford House Norway House Swan River	Installation of PAPI Installation of PAPI Airside pavement & electrical rehabilitation	11.02.03 11.02.03 11.02.03	218.6 211.1 3,176.0
		<b>Sub-total</b>	<b>3,605.7</b>
<b>Saskatchewan</b> Prince Albert	Taxiway/apron rehabilitation/reconfiguration	11.02.03	2,185.8
		<b>Sub-total</b>	<b>2,185.8</b>
<b>Alberta</b> Fort McMurray Peace River Peace River Fort McMurray Fort Chipewyan	Airside pavement rehabilitation Purchase runway sweeper Purchase decelerometer Emergency replacement of runway sweeper Emergency purchase of loader and loader mounted snowblower	11.02.03 11.02.03 11.02.03 17.10.03 20.10.03	3,703.0 192.0 4.6 178.2 397.6
		<b>Sub-total</b>	<b>4,475.4</b>
<b>British Columbia</b> Dawson Creek Fort Nelson Terrace Nanaimo Smithers Quesnel Fort St. John Quesnel Fort Nelson Fort St. John Nanaimo Nanaimo	Airside pavement rehabilitation Overlay runway 03-21, taxi A, repairs to apron 1 & buttons Pavement rehabilitation - taxiway A Selective apron rehabilitation Runway sweeper Electric security gate operator & hardware Airside signage Runway sweeper Decelerometer Runway 02-20 emergency pavement repairs Shelter addition Vehicle (firetruck)	11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 11.02.03 03.10.03 09.10.03 09.10.03	1,923.7 2,635.9 756.2 204.7 177.7 29.2 180.8 181.8 5.0 355.8 55.8 321.9
		<b>Sub-total</b>	<b>6,828.5</b>
<b>Northwest Territories</b>		<b>Sub-total</b>	<b>0.0</b>
<b>Yukon</b>		<b>Sub-total</b>	<b>0.0</b>
<b>Nunavut</b>		<b>Sub-total</b>	<b>0.0</b>
<b>Total</b>			<b>27,576.1</b>

Notes: PAPI: Precision Approach Path Indicator  
Source: Transport Canada



**TABLE A9-4: AIRPORT IMPROVEMENT FEES AT NATIONAL AIRPORT SYSTEM (NAS) AIRPORTS, 2003**

<i>Airport</i>	<i>Charge per Passenger</i>	<i>Airline Handling Fee</i>
Calgary	\$12	5%
Charlottetown	\$10	Collected by Airport Authority
Edmonton	\$15	6%
Fredericton	\$12	5%
Gander	\$12	7%
Halifax	\$10	7%
Iqaluit	None	N/A
Kelowna	\$8	7%
London	\$10	7%
Moncton	\$10	Collected by Airport Authority
Montreal (Dorval)	\$15	5%
Montreal (Mirabel)	\$15	7%
Ottawa	\$15	6%
Prince George	\$5	7%
Quebec City	\$10	7%
Regina	\$10	7%
Saint John	\$15	Collected by Airport Authority
Saskatoon	\$5	7%
St. John's	\$10	7%
Thunder Bay	None	N/A
Toronto <sup>1</sup>	\$10	4%
Vancouver <sup>2</sup>	\$15	Collected by Airport Authority
Victoria	\$8	7%
Whitehorse	None	N/A
Winnipeg	\$10	7%
Yellowknife	None	N/A

N/A = Not available

1 The charge is \$10 for departing passengers and \$7 for connecting passengers.

2 Passengers are charged \$15 for international trips, \$10 for domestic trips and \$5 for trips within British Columbia.

Source: Airport authority annual reports and Web sites

**TABLE A9-5: FOREIGN AIRLINES PROVIDING INTERNATIONAL SCHEDULED SERVICES TO AND FROM CANADA AS OF DECEMBER 31, 2003**

<i>Country/Territory</i>	<i>Airline</i>	<i>Cities Served</i>
Austria	Austrian Airlines	Montreal, Toronto
China	Air China	Vancouver
China - Taipei	China Airlines	Vancouver
	EVA Airways	Vancouver
China - Hong Kong	Cathay Pacific	Toronto, Vancouver
Costa Rica	LACSA	Toronto
Cuba	Cubana	Montreal, Toronto
Czech Republic	Czech Airlines	Montreal, Toronto
Egypt	Egyptair	Montreal
Fiji	Air Pacific	Vancouver
Finland	Finnair	Toronto (seasonal)
France	Air France	Montreal, Toronto
France - St. Pierre and Miquelon	Air St.-Pierre	Halifax, Montreal, St. John's, Sydney (seasonal)
Germany	Condor	Seasonal services to Halifax, Vancouver and Whitehorse (seasonal)
	Lufthansa	Montreal (seasonal), Toronto, Vancouver
	LTU International	Toronto (seasonal)
Greece	Olympic Airways	Montreal, Toronto
Hungary	Malev	Toronto
Israel	El Al	Toronto
Italy	Alitalia	Toronto
Japan	Japan Airlines	Vancouver
Mexico	Mexicana	Montreal, Toronto, Vancouver
Morocco	Royal Air Maroc	Montreal
Netherlands	KLM	Montreal, Toronto, Vancouver
	Martinair	Seasonal services to Calgary, Edmonton, Toronto and Vancouver
Pakistan	Pakistan International	Toronto
Philippines	Philippine Airlines	Vancouver
Poland	LOT	Toronto
Portugal	Sata International	Toronto
Russia	Aeroflot	Toronto
Singapore	Singapore Airlines	Vancouver
South Korea	Korean Airlines	Toronto, Vancouver
Switzerland	Swiss International	Montreal
Trinidad and Tobago	BWIA	Toronto
Ukraine	Aerosvit	Toronto
United Kingdom	British Airways	Montreal, Toronto, Vancouver
United States	Alaska Airlines	Calgary, Vancouver
	- Horizon Air	Calgary, Edmonton, Kamloops, Kelowna, Vancouver, Victoria
	Aloha Airlines	Vancouver
	America West	Calgary, Toronto, Vancouver
	- Freedom Airlines	Edmonton, Vancouver
	American Airlines	Calgary, Montreal, Toronto, Vancouver
	- American Eagle	Montreal, Ottawa, Toronto
	Continental Airlines	Calgary, Edmonton, Halifax (seasonal), Toronto, Vancouver
	- Commutair	Montreal, Ottawa
	- ExpressJet	Halifax, Montreal, Ottawa, Quebec, Toronto
	Delta Airlines	Montreal, Toronto, Vancouver (seasonal)
	- Atlantic Coast	Fredericton, Halifax
	- Atlantic Southeast	Montreal, Ottawa
	- Comair	Montreal, Toronto
	- Skywest Airlines	Calgary, Vancouver
	Kenmore Air	Victoria Harbour and seasonal services to 10 seaplane bases in British Columbia
	Midwest Express/Skyway Airlines	Toronto
	Northwest Airlines	Calgary, Edmonton, Montreal, Saskatoon, Toronto, Vancouver, Winnipeg
	- Mesaba Airlines	Halifax (seasonal), London, Montreal, Ottawa, Regina, Thunder Bay, Toronto, Winnipeg
	- Pinnacle Airlines	Ottawa, Quebec (seasonal)
	Pan Am/Boston-Maine Airways	Saint John
	United Airlines	Calgary, Toronto, Vancouver
	- Air Wisconsin	Edmonton, Winnipeg
	- Atlantic Coast	Montreal, Toronto
	- Skywest Airlines	Calgary, Vancouver, Winnipeg
	US Airways	Montreal, Toronto
	- Allegheny Airlines	Montreal
	- Chautauqua Airlines	Montreal
	- Mesa Airlines	Montreal, Toronto
	- Midway Airlines	Toronto
	- PSA Airlines	Montreal, Ottawa, Toronto

Source: Official Airline Guide and airline timetables

**TABLE A9-6: LOCAL SERVICE AIRLINES PROVIDING SCHEDULED AIR SERVICES AS OF DECEMBER 31, 2003**

Airline	Number of Points Served	Regions Served
Air Creebec	17	Ontario, Quebec
Air Labrador	28	Newfoundland and Labrador, Quebec
Air Tindi	6	Northwest Territories
Aklak Air	7	Northwest Territories
Bearskin Airlines	38	Manitoba, Ontario
Buffalo Airways	2	Northwest Territories
Calm Air	18	Manitoba, Nunavut
Central Mountain Air	17	Alberta, British Columbia
Dean Cree Airlines	4	Manitoba
Harbour Air	3	British Columbia
Hawkair	7	Alberta, British Columbia
Helijet Airways	8	British Columbia, Seattle
Integra Air	2	Alberta
KD Air	3	British Columbia
Keewatin Air	9	Nunavut
Kenn Borek Air	14	Nunavut
Keystone Air Service	3	Manitoba
Nakina Air Service	6	Ontario
Norcanair	8	Saskatchewan
North Vancouver Air	3	British Columbia
Northwestern Air Lease	3	Alberta, Northwest Territories
North-Wright Airways	7	Northwest Territories
Pacific Coastal Airlines	12	British Columbia
Pascan Aviation	10	Quebec
Peace Air	9	Alberta, British Columbia
Perimeter Aviation	14	Manitoba
Provincial Airlines	15	Newfoundland and Labrador, Quebec
Quebecair Express	15	Quebec
Quikair	3	Alberta
Skyward Aviation	14	Manitoba
Transwest Air	8	Saskatchewan
West Coast Air	3	British Columbia

Source: Official Airline Guide and airline Web sites

**TABLE A9-7: LICENCE AUTHORITIES HELD AS OF DECEMBER 31, 2003**

Licence Type	Canadian Aircraft				Other	
	Small	Medium	Large	All-Cargo	U.S.	Foreign
Domestic	823	19	14	34	-	-
International						
Scheduled	14	30	87	4	50	62
Non-Scheduled	392	17	14	25	695	93
<b>Total</b>	<b>1,229</b>	<b>66</b>	<b>115</b>	<b>63</b>		
<b>Total Canadian</b>			<b>1,473</b>			
<b>Total U.S.</b>					<b>745</b>	
<b>Total Foreign</b>						<b>155</b>

Note: Represents licence authorities, not the number of carriers; for example, a carrier can hold multiple licence authorities.

Source: Canadian Transportation Agency

**TABLE A9-8: SUMMARY OF PERSONNEL LICENCES AND PERMITS AS OF DECEMBER 31, 2003**

	In Force	Issued in 2003	Male	Female
<b>Aeroplanes</b>				
Private Pilots	31,933	2,581	29,862	2,071
Commercial Pilots	8,911	1,061	8,281	630
Airline Transport Pilots	11,047	451	10,636	411
Total	51,891	4,093	48,779	3,112
<b>Helicopters</b>				
Private Pilots	478	48	465	13
Commercial Pilots	2,842	260	2,753	89
Airline Transport Pilots	789	47	774	15
Total	4,109	355	3,992	117
<b>Permits</b>				
Glider Pilots	6,168	394	5,417	751
Gyroplane Pilots	32	2	31	1
Balloon Pilots	270	8	248	22
Ultra-Light Pilots	2,703	213	2,625	78
Recreational Pilots	1,226	141	1,159	67
Total	10,399	758	9,480	919
<b>Other Licences</b>				
Flight Engineers	484	2	475	9
Air Traffic Controllers	2,036	108	1,863	173
Total	2,520	110	2,338	182
<b>Total Licences &amp; Permits</b>	<b>68,919</b>	<b>5,316</b>	<b>64,589</b>	<b>4,330</b>

Source: Transport Canada, Safety and Security

**TABLE A9-9: PERSONNEL LICENCES AND PERMITS BY PROVINCE, AS OF DECEMBER 31, 2003**

	<i>Number of Licences</i>	<i>Per cent of Total</i>
Alberta	10,465	13
British Columbia	13,563	17
Manitoba	3,892	5
New Brunswick	1,162	1
Newfoundland and Labrador	1,255	2
Northwest Territories	499	1
Nova Scotia	1,939	2
Nunavut	39	0
Ontario	26,684	34
Prince Edward Island	170	0
Quebec	13,732	17
Saskatchewan	2,898	4
Yukon	340	0
Other	2,104	3
<b>Total</b>	<b>78,742</b>	<b>100</b>

Note: Student Pilot Permits are included.

Source: Transport Canada, Safety and Security

**TABLE A9-10: PROFILE OF THE RECREATIONAL AVIATION FLEET AS OF DECEMBER 31, 2003**

<i>Category</i>	<i>Total Aircraft</i>
Standard Aeroplanes	18,083
Ultra-lights	4,164
Advanced Ultra-light Aeroplanes	758
Amateur-built Aeroplanes	2,895
Helicopters	1,894
Balloons	453
Gliders	674
Gyroplanes	189
<b>Total Private Registered Aircraft</b>	<b>29,110</b>

Note: Airships and powered parachutes are included in the balloon category and ornithopters are included in the gyroplane category.

Source: Canadian Civil Aircraft Register

**TABLE A9-11: GOODS CARRIED BY CANADIAN AIR CARRIERS BY SECTOR, 1993 – 2002**

<i>Year</i>	<i>(Tonnes)</i>			
	<i>Domestic</i>	<i>Transborder</i>	<i>International</i>	<i>Total</i>
1993	401,430	68,617	154,514	624,561
1994	424,585	59,758	169,102	653,445
1995	427,156	81,699	183,724	692,579
1996	449,817	80,293	195,737	725,847
1997	513,928	77,387	222,452	813,767
1998	500,606	94,176	233,911	828,693
1999	521,043	90,584	234,547	846,174
2000	517,741	100,060	235,309	853,110
2001	504,858	83,059	210,636	798,553
2002	507,100	73,900	221,900	802,900

Note: For 1995 to 1999, Level I-III air carriers; for 1993 and 1994, Level I-IV air carriers.

Source: Statistics Canada, Cat. 51-206 and Transport Canada.

**TABLE A9-12: OPERATING GOODS REVENUES OF CANADIAN AIR CARRIERS BY SECTOR, 1993 – 2002**

<i>Year</i>	<i>(Millions of dollars)</i>		
	<i>Domestic</i>	<i>International</i>	<i>Total</i>
1993	588.8	224.9	813.7
1994	562.7	296.4	859.1
1995	694.2	292.3	986.5
1996	655.3	350.5	1,005.7
1997	709.0	357.3	1,066.3
1998	762.0	347.7	1,109.7
1999	827.1	369.2	1,196.3
2000	717.1	374.5	1,091.6
2001	680.0	404.7	1,084.7
2002	644.8	392.1	1,036.9

Note: Both U.S. and international revenues are included in international. Data for 2002 are preliminary.

Source: Statistics Canada, Cat. 51-206

**TABLE A9-13: VALUE OF INTERNATIONAL GOODS SHIPPED BY AIR, 1997 – 2003**

<i>Year</i>	<i>(Billions of dollars)</i>			<i>All Modes</i>	<i>Air Share (per cent)</i>
	<i>Exports<sup>1</sup></i>	<i>Air Imports</i>	<i>Total</i>		
<b>Transborder</b>					
1997	12,195	16,864	29,059	428,302	6.8
1998	13,980	18,656	32,636	473,487	6.9
1999	17,521	20,182	37,703	523,649	7.2
2000	23,845	23,643	47,488	588,947	8.1
2001	21,875	21,114	42,989	570,045	7.5
2002	18,905	17,406	36,312	563,695	6.4
2003 <sup>2</sup>	17,675	15,416	33,091	530,760	6.2
<b>International</b>					
1997	8,872	19,488	28,360	142,717	19.9
1998	9,487	20,543	30,030	143,344	20.9
1999	9,753	24,404	34,158	152,178	22.4
2000	12,214	30,238	42,451	181,258	23.4
2001	12,572	27,355	39,927	177,164	22.5
2002	12,488	26,358	38,846	181,398	21.4
2003 <sup>2</sup>	14,085	24,583	38,668	184,747	20.9

1 Includes domestic exports and re-exports.

2 Data for 2003 are preliminary.

Source: Transport Canada adapted from Statistics Canada, special tabulations

TABLE A9-14: AIR EXPORTS AND IMPORTS BY WORLD REGION, 2002 AND 2003

(Billions of dollars)

Destinations	Province of Origin		Total	Per cent of Total
	Eastern Canada	Western Canada		
<b>Exports (2002)<sup>1</sup></b>				
United States	17,508	1,397	18,905	60.2
Western Europe	5,658	1,462	7,120	22.7
Asia	2,462	819	3,281	10.5
Other	1,677	410	2,087	6.6
Total Exports	27,305	4,088	31,393	100.0
<b>Exports (2003)<sup>1,2</sup></b>				
United States	16,372	1,302	17,675	55.7
Western Europe	6,182	1,960	8,141	25.6
Asia	2,704	884	3,588	11.3
Other	1,882	474	2,356	7.4
Total Exports	27,139	4,621	31,760	100.0
<b>Origins</b>				
	Province of Origin			
	Eastern Canada	Western Canada	Total	Per cent of Total
<b>Imports (2002)</b>				
United States	13,506	3,900	17,406	39.8
Western Europe	11,743	2,223	13,966	31.9
Asia	6,676	1,176	7,852	17.9
Other	3,931	608	4,540	10.4
Total Imports	35,857	7,907	43,764	100.0
<b>Imports (2003)<sup>2</sup></b>				
United States	12,086	3,330	15,416	38.5
Western Europe	11,268	1,461	12,730	31.8
Asia	6,694	1,305	7,999	20.0
Other	3,316	538	3,854	9.6
Total Imports	33,365	6,634	39,999	100.0

1 Includes domestic exports and re-exports.

2 Data for 2003 are preliminary.

Source: Transport Canada adapted from Statistics Canada, special tabulations

TABLE A9-15: MAIN COMMODITY GROUPS SHIPPED BY AIR IN CANADA'S INTERNATIONAL TRADE, 2002 AND 2003

(Millions of dollars)

Commodity Group	2002	2003 <sup>2</sup>	Per cent Change
<b>Exports by air<sup>1</sup></b>			
Machinery & electrical equipment	11,008	10,513	(4.5)
Aircrafts & other transport equipment	9,947	10,233	2.9
Other manufactured & miscellaneous goods	8,756	9,021	3.0
Agricultural & food products	613	695	13.3
Plastics & chemical products	590	709	20.1
Other	479	590	23.1
Total Exports by air	31,393	31,760	1.2
<b>Imports by air</b>			
Machinery & electrical equipment	19,641	18,088	(7.9)
Other manufactured & miscellaneous goods	13,640	13,714	0.5
Aircrafts & other transport equipment	5,875	3,584	(39.0)
Plastics & chemical products	2,566	2,613	1.8
Base metals & articles of base metal	876	841	(4.0)
Other	1,165	1,160	(0.5)
Total Imports by air	43,764	39,999	(8.6)

1 Includes domestic exports and re-exports.

2 Data for 2003 are preliminary.

Source: Transport Canada adapted from Statistics Canada special tabulations

**TABLE A9-16: ENPLANED/DEPLANED REVENUE PASSENGERS, 2002**

<i>Region/Airport</i>	<i>Domestic</i>	<i>Transborder</i>	<i>International</i>	<i>Total</i>
<b>Atlantic</b>				
Halifax	2,136,595	165,566	108,408	2,410,569
St. John's	642,413	2,812	53,375	698,600
Moncton	290,732	-	6,351	297,083
Fredericton	176,582	-	-	176,582
Saint John	159,539	11	-	159,550
Charlottetown	146,769	84	-	146,853
Gander	42,738	296	449	43,483
All Airports	3,945,012	168,984	170,321	4,284,317
<b>Quebec</b>				
Montreal/Dorval	3,302,580	2,480,662	1,760,230	7,543,472
Montreal/Mirabel	8,498	82,328	891,001	981,827
Quebec	494,592	74,599	41,149	610,340
All Airports	4,363,102	2,639,194	2,692,956	9,695,252
<b>Ontario</b>				
Toronto/Pearson	10,129,711	7,768,406	5,880,973	23,779,090
Ottawa	2,243,587	559,446	167,785	2,970,818
Thunder Bay	542,688	21,553	7,393	571,634
London	261,025	31,790	4,611	297,426
All Airports	14,923,802	8,391,248	6,082,522	29,397,572
<b>Prairie and Northern</b>				
Calgary	5,235,171	1,533,032	554,790	7,322,993
Edmonton/ International	2,995,947	348,302	82,126	3,426,375
Winnipeg	2,111,102	313,383	46,948	2,471,433
Saskatoon	603,140	78,730	7,202	689,072
Regina	556,835	86,882	15,186	658,903
Yellowknife	188,639	219	-	188,858
Whitehorse	131,582	2,311	-	133,893
Iqaluit	83,698	-	134	83,832
All Airports	12,869,976	2,364,209	706,780	15,940,965
<b>Pacific</b>				
Vancouver	6,341,273	3,803,975	3,276,428	13,421,676
Victoria	865,737	110,595	479	976,811
Kelowna	721,875	64,859	-	786,734
Prince George	310,031	-	-	310,031
All Airports	9,514,633	4,012,170	3,277,272	16,804,075

Source: Statistics Canada

TABLE A9-17: CHANGES TO DOMESTIC SCHEDULED AIR SERVICES IN 2002

<b>New Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Calgary-London	WestJet	4 weekly	
Calgary-Toronto	Jetsgo	2 daily	
Calgary-Victoria	Air Canada Zip	Daily	
Calgary-Windsor	WestJet	3 weekly	
Edmonton-Fort Smith	Northwestern Air Lease	Daily	
Edmonton-Ottawa	WestJet	Daily	
Halifax-Charlottetown	Jetsgo	3 weekly	
Halifax-Goose Bay	Air Canada Jazz	Daily	
Halifax-Hamilton	WestJet	2 daily	
Halifax-Sydney	Jetsgo	3 weekly	
Hamilton-Gander	WestJet	3 weekly	
Hamilton-St. John's	WestJet	4 weekly	
Montreal-Calgary	WestJet	Daily	
Montreal-Charlottetown	Air Canada Jazz	2 daily	
Montreal-Deer Lake	Air Canada Jazz	Daily	
Montreal-Edmonton	Air Canada	Daily	
Montreal-Halifax	WestJet	Daily	
Montreal-Hamilton	WestJet	3 daily	
Montreal-Quebec	Val Air	3 daily	
Montreal-Quebec-Baie Comeau-Sept Îles	Quebecair Express	Daily	
Montreal-Quebec-Mont Joli-Gaspé-Îles de la Madeleine	Quebecair Express	Daily	
Montreal-Quebec-Sept Îles	Quebecair Express	Daily	
Montreal-St. John's	Air Canada	Daily	
Montreal-St. John's	Jetsgo	4 weekly	
Montreal-Val d'Or-Rouyn	Val Air	3 daily	
Montreal-Vancouver	WestJet	Daily	
Ottawa-Halifax	WestJet	Daily	
Sept Îles-Natashquan-Chevery-St. Augustin-Blanc Sablon	Quebecair Express	Daily	
Toronto (Buttonville)-Sudbury	Bearskin Airlines	3 daily	
Toronto-Edmonton	Jetsgo	Daily	
Toronto-Ottawa	Jetsgo	5 daily	
Toronto-Thunder Bay	WestJet	Daily	
Toronto-Vancouver	HMY Airways	2 daily	
Toronto-Winnipeg	WestJet	2 daily	
Vancouver-Cranbrook	Pacific Coastal	3 daily	
Vancouver-Grande Prairie-Dawson Creek	Hawkair	Daily	
Vancouver-Sandspit-Prince Rupert	Hawkair	Daily	
Vancouver-Winnipeg	WestJet	Daily	
Victoria-Abbotsford	HeliJet	2 daily	
Winnipeg-London	Air Canada Zip	Daily	
<b>Discontinued Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Calgary-Fort McMurray	Air Canada Jazz	Daily	
Calgary-London	Air Canada	Daily	
Edmonton-Fort Smith	Canadian North	4 weekly	
Edmonton-Saskatoon	Air Canada Jazz	Daily	
Halifax-Stephenville	Air Canada Jazz	Daily	
Halifax-Yarmouth	Air Canada Jazz	Daily	
Hamilton-Sault Ste. Marie	WestJet	3 weekly	
Hamilton-Sudbury	WestJet	4 weekly	
Montreal-St. Leonard	Air Canada Jazz	Daily	
Natashquan-La Romaine-Kegaska-Chevery	Aviation Québec-Labrador	3 daily	
Ottawa-Fredericton	Air Canada Jazz	Daily	
Sept Îles-Natashquan-Chevery-St. Augustin-Blanc Sablon	Aviation Québec-Labrador	2 daily	
St. John's-Deer Lake-Goose Bay	Air Canada Jazz	2 daily	
St. John's-Deer Lake-Wabush	Air Canada Jazz	Daily	
Toronto (City Centre)-London	Air Canada Jazz	Daily	
Toronto (City Centre)-Montreal	Air Canada Jazz	4 daily	
Toronto-Calgary	Skyservice	Daily	
Toronto-Calgary-Edmonton	Skyservice	Daily	
Toronto-Halifax-St. John's	Skyservice	2 daily	
Toronto-Timmins	Jetsgo	Daily	
Toronto-Winnipeg	Skyservice	Seasonal	
Vancouver-Nanaimo	Canadian Western	4 daily	
Winnipeg-Sault Ste. Marie	WestJet	2 weekly	
Winnipeg-Sudbury	WestJet	3 weekly	

Source: Official Airline Guides and airline timetables

TABLE A9-18: CHANGES TO TRANSBORDER SCHEDULED AIR SERVICES IN 2002

<b>New Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Campbell River-Seattle (Boeing Field)	HeliJet	Daily	
Edmonton-Houston	Continental	Daily	
Edmonton-Phoenix	America West/ Freedom Airlines	Daily	
Fredericton-Boston	Delta/Atlantic Coast	2 daily	
Halifax-Detroit	Northwest/Mesaba	Seasonal	
Kamloops-Seattle	Alaska/Horizon	2 daily	
Montreal-Charlotte	US Airways/Mesa	Daily	
Montreal-Chicago	United/Atlantic Coast	3 daily	
Montreal-Fort Lauderdale	Jetsgo	Seasonal	
Montreal-Las Vegas	Air Canada	2 weekly	
Montreal-Orlando (Sanford)	Jetsgo	Seasonal	
Montreal-Washington (Dulles)	United/Atlantic Coast	3 daily	
Montreal-West Palm Beach	CanJet	Seasonal	
Ottawa-Sarasota	CanJet	Seasonal	
Quebec-Detroit	Northwest/Pinnacle	Seasonal	
Toronto-Fort Lauderdale	Jetsgo	Seasonal	
Toronto-Fort Lauderdale	Skyservice	Seasonal	
Toronto-Fort Myers	Jetsgo	Seasonal	
Toronto-Las Vegas	America West	Seasonal	
Toronto-Las Vegas	Jetsgo	5 weekly	
Toronto-New York (Newark)	Jetsgo	3 daily	
Toronto-Orlando	Skyservice	Seasonal	
Toronto-Orlando (Sanford)	Jetsgo	Seasonal	
Toronto-Sarasota	CanJet	Seasonal	
Toronto-St. Petersburg	Jetsgo	Seasonal	
Toronto-St. Petersburg	Skyservice	Seasonal	
Vancouver-Anchorage	Alaska	Seasonal	
Vancouver-Atlanta	Delta	Seasonal	
Vancouver-Kona	Air Canada	Seasonal	
Vancouver-Las Vegas	HMY Airways	2 weekly	
Vancouver-Los Angeles	HMY Airways	Daily	
Winnipeg-Chicago	United/Air Wisconsin	2 daily	
<b>Discontinued Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Calgary-Chicago	Air Canada	2 daily	
Calgary-Honolulu	Air Canada	Seasonal	
Calgary-Maui (Kahului)	Air Canada	Seasonal	
Calgary-Spokane	Air Canada/ Central Mountain Air	2 daily	
Edmonton-Honolulu	Air Canada	Seasonal	
Edmonton-Los Angeles	Air Canada	Daily	
Edmonton-Maui (Kahului)	Air Canada	Seasonal	
Montreal-Atlanta	Air Canada Jazz	3 daily	
Montreal-Houston	Continental	Seasonal	
Quebec-Boston	American Eagle	2 daily	
Toronto-Charleston	Air Canada	3 weekly	
Toronto-Columbus	America West/ Chautauqua	4 daily	
Toronto-Dayton	Air Canada/Air Georgian	3 daily	
Toronto-Fort Myers	Air Transat	Seasonal	
Toronto-Grand Rapids	Air Canada/Air Georgian	4 daily	
Toronto-Honolulu	Air Canada	5 weekly	
Toronto-San Diego	Air Canada	Daily	
Toronto-St. Louis	American/Chautauqua	2 daily	
Vancouver-Chicago	Air Canada	Daily	
Vancouver-Los Angeles	United	Daily	
Vancouver-Maui (Kahului)	Aloha	Seasonal	
Vancouver-Phoenix	Air Canada	Seasonal	
Vancouver-Phoenix	Alaska	Seasonal	
Whitehorse-Anchorage	Alaska/Era Aviation	Seasonal	
Winnipeg-Chicago	Air Canada	2 daily	

Source: Official Airline Guides and airline timetables

TABLE A9-19: CHANGES TO INTERNATIONAL SCHEDULED AIR SERVICES IN 2002

New Services		
Service	Airline	Frequency
Calgary-Cancun	Air Canada	Seasonal
Calgary-Ixtapa	Air Canada	Seasonal
Calgary-Montego Bay	Air Canada	Seasonal
Calgary-Puerto Vallarta	Air Canada	Seasonal
Halifax-Frankfurt	Condor	Seasonal
Montreal (Mirabel)-Brussels	Air Transat	Seasonal
Montreal (Mirabel)-Lyon	Air Transat	Seasonal
Montreal (Mirabel)-Nice	Air Transat	Seasonal
Montreal-Cayo Coco	Air Canada	Weekly
Montreal-Holguin	Air Canada	Seasonal
Montreal-Montego Bay	Air Canada	Seasonal
Montreal-Munich	Lufthansa	Seasonal
Montreal-Puerto Plata	Air Canada	Seasonal
Montreal-Punta Cana	Air Canada	Weekly
Montreal-Varadero	Air Canada	Weekly
Ottawa-Punta Cana	Air Canada	Seasonal
Ottawa-Varadero	Air Canada	Seasonal
Toronto-Amsterdam	Air Transat	Seasonal
Toronto-Aruba	Air Canada	Weekly
Toronto-Cayo Coco	Air Canada	Weekly
Toronto-Cozumel	Air Canada	Seasonal
Toronto-Delhi	Air Canada	Daily
Toronto-Havana	Air Canada	3 weekly
Toronto-Holguin	Air Canada	Seasonal
Toronto-Kiev	Aerosvit	Weekly
Toronto-La Romana	Air Canada	Seasonal
Toronto-Lisbon	Sata International	Weekly
Toronto-Nice	Air Transat	Seasonal
Toronto-Ponta Delgada	Sata International	Weekly
Toronto-Porto	Sata International	Weekly
Toronto-Providenciales	Air Canada	Weekly
Toronto-Puerto Plata	Air Canada	Weekly
Toronto-Punta Cana	Air Canada	Weekly
Toronto-San Jose	Air Canada	3 weekly
Toronto-Santiago-Buenos Aires	Air Canada	3 weekly
Toronto-Shannon-Dublin	Air Transat	Seasonal
Toronto-Varadero	Air Canada	Weekly
Toronto-Warsaw	Air Transat	Seasonal
Vancouver-Calgary-Amsterdam	Air Transat	Seasonal
Vancouver-Frankfurt	Condor	Seasonal
Vancouver-Guadalajara	Mexicana	2 weekly
Vancouver-Puerto Vallarta	Air Canada	Seasonal
Winnipeg-Montego Bay	Air Canada	Seasonal
Winnipeg-Punta Cana	Air Canada	Seasonal

**Discontinued Services**

Service	Airline	Frequency
Toronto-Madrid	Air Canada	6 weekly
Toronto-Rome	Air Canada	Daily
Toronto-Tokyo	Air Canada	5 weekly
Vancouver-Nagoya	Air Canada	Daily

Source: Official Airline Guides and airline timetables

TABLE A9-20: AVERAGE DAILY SEAT-KILOMETRES BY AIRLINE, DOMESTIC SECTOR, DECEMBER 2002 AND 2003

Airline	Daily Seat-Kilometres			Capacity Share (Per cent)	
	Dec. 2002	Dec. 2003	Percentage Change	Dec. 2002	Dec. 2003
<b>Air Canada Family</b>					
Air Canada	57,884,446	63,551,276	9.8	48.3	49.0
Jazz	9,771,431	7,326,552	(25.0)	8.2	5.6
Zip	3,274,061	6,596,928	101.5	2.7	5.1
Tango	9,165,873	-	(100.0)	7.6	-
Other Regionals	395,033	322,786	(18.3)	0.3	0.2
<b>Total</b>	<b>80,490,844</b>	<b>77,797,543</b>	<b>(3.3)</b>	<b>67.2</b>	<b>59.9</b>
<b>National Airlines</b>					
WestJet	23,833,844	31,962,290	34.1	19.9	24.6
Jetsgo	2,739,520	7,736,411	182.4	2.3	6.0
CanJet	2,331,069	2,775,069	19.0	1.9	2.1
HMY Airways	-	2,069,795	N/A	-	1.6
Skyservice/Conquest	2,885,737	987,618	-65.8	2.4	0.8
Air Transat	1,214,589	-	(100.0)	1.0	-
<b>Total</b>	<b>33,004,760</b>	<b>45,531,182</b>	<b>38.0</b>	<b>27.5</b>	<b>35.1</b>
<b>Northern Airlines</b>					
First Air and Air Inuit	1,755,196	1,844,014	5.1	1.5	1.4
Canadian North	1,032,479	930,699	(9.9)	0.9	0.7
Air North	347,765	484,956	39.4	0.3	0.4
<b>Total</b>	<b>3,135,440</b>	<b>3,259,669</b>	<b>4.0</b>	<b>2.6</b>	<b>2.5</b>
<b>Local Service Airlines</b>					
	3,219,346	3,232,763	0.4	2.7	2.5
<b>Total Domestic</b>	<b>119,850,389</b>	<b>129,821,157</b>	<b>8.3</b>	<b>100.0</b>	<b>100.0</b>

N/A: Not applicable.

Source: Official Airline Guides and airline timetables



**TABLE A9-21: AVERAGE DAILY SEAT-KILOMETRES BY REGION, DOMESTIC SECTOR, DECEMBER 2002 AND 2003**

Airline	Daily Seat-Kilometres		Percentage Change	Capacity Share (Per cent)	
	Dec. 2002	Dec. 2003		Dec. 2002	Dec. 2003
<b>Transcontinental Markets</b>					
Air Canada Family	46,556,467	48,369,028	3.9	74.9	66.0
WestJet	10,819,650	16,518,755	52.7	17.4	22.5
Jetsgo	1,550,720	5,319,131	243.0	2.5	7.3
HMY Airways	-	2,069,795	N/A	-	2.8
Skyservice/Conquest	2,074,907	987,618	(52.4)	3.3	1.3
Air Transat	1,128,979	-	(100.0)	1.8	-
<b>Total</b>	<b>62,130,723</b>	<b>73,264,327</b>	<b>17.9</b>	<b>100.0</b>	<b>100.0</b>
<b>Western Canada</b>					
WestJet	11,214,344	11,330,925	1.0	46.1	49.0
Air Canada Family	11,491,567	10,228,968	(11.0)	47.3	44.2
Canadian North	10,754	21,507	100.0	0.0	0.1
Skyservice/Conquest	38,833	-	(100.0)	0.2	-
Local Service Airlines	1,545,757	1,562,478	1.1	6.4	6.8
<b>Total</b>	<b>24,301,255</b>	<b>23,143,878</b>	<b>(4.8)</b>	<b>100.0</b>	<b>100.0</b>
<b>Ontario/Quebec</b>					
Air Canada Family	10,327,310	8,367,447	(19.0)	74.7	65.2
WestJet	1,427,245	1,958,247	37.2	10.3	15.3
Jetsgo	776,960	1,351,954	74.0	5.6	10.5
First Air and Air Inuit	392,253	425,820	8.6	2.8	3.3
CanJet	23,297	2,589	(88.9)	0.2	0.0
Air Transat	85,611	-	(100.0)	0.6	-
Local Service Airlines	786,243	734,693	(6.6)	5.7	5.7
<b>Total</b>	<b>13,818,918</b>	<b>12,840,749</b>	<b>(7.1)</b>	<b>100.0</b>	<b>100.0</b>
<b>Atlantic Canada</b>					
Air Canada Family	11,522,700	10,485,312	(9.0)	72.8	61.7
CanJet	2,307,771	2,772,480	20.1	14.6	16.3
WestJet	372,606	2,154,363	478.2	2.4	12.7
Jetsgo	411,840	1,065,326	158.7	2.6	6.3
Skyservice/Conquest	771,997	-	(100.0)	4.9	-
First Air and Air Inuit	-	2,926	N/A	-	0.0
Local Service Airlines	437,217	503,914	15.3	2.8	3.0
<b>Total</b>	<b>15,824,131</b>	<b>16,984,321</b>	<b>7.3</b>	<b>100.0</b>	<b>100.0</b>
<b>Northern Canada</b>					
First Air and Air Inuit	1,362,943	1,415,269	3.8	36.1	39.4
Canadian North	1,021,725	909,192	(11.0)	27.1	25.3
Air North	347,765	484,956	39.4	9.2	13.5
Air Canada Family	592,800	346,788	(41.5)	15.7	9.7
Local Service Airlines	450,129	431,678	(4.1)	11.9	12.0
<b>Total</b>	<b>3,775,361</b>	<b>3,587,882</b>	<b>(5.0)</b>	<b>100.0</b>	<b>100.0</b>

N/A: Not applicable.

Source: Official Airline Guides and airline timetables

**TABLE A9-22: COMPETITION IN DOMESTIC AIR MARKETS AS OF DECEMBER 31, 2003**

Rank	Market <sup>1</sup>	Daily Seats 2003 <sup>2</sup>	Percentage change over 2002	----- Capacity Market Shares (per cent) -----					Daily Seats 2002 <sup>2</sup>
				Air Canada <sup>3</sup>	WestJet	Jetsgo	Other Major <sup>4</sup>	Others	
1	Montreal-Toronto	4,091	(13)	78	-	22	-	-	4,681
2	Toronto-Vancouver	3,618	13	70	7	11	13	-	3,212
3	Ottawa-Toronto	2,680	11	77	-	23	-	-	2,420
4	Calgary-Vancouver	2,623	(17)	58	42	-	-	-	3,178
5	Calgary-Toronto	2,312	14	64	25	11	-	-	2,022
6	Halifax-Toronto	1,834	(8)	67	-	15	18	-	2,000
7	Toronto-Winnipeg	1,584	34	66	18	16	-	-	1,185
8	Calgary-Edmonton	1,575	(4)	53	43	-	-	4	1,636
9	Edmonton-Vancouver	1,465	(12)	53	47	-	-	-	1,664
10	Edmonton-Toronto	1,325	3	71	20	9	-	-	1,282
11	Calgary-Winnipeg	1,160	(1)	45	55	-	-	-	1,168
12	Vancouver-Victoria	1,021	(9)	85	-	-	-	15	1,128
13	Halifax-Ottawa	849	28	54	20	-	25	-	663
14	Halifax-Montreal	838	8	57	17	-	26	-	774
15	Kelowna-Vancouver	795	0	43	57	-	-	-	794
16	Montreal-Quebec	771	46	77	-	-	-	23	529
17	Abbotsford-Calgary	755	5	29	71	-	-	-	720
18	Halifax-St. John's	672	(32)	64	-	-	36	-	995
19	Prince George-Vancouver	624	(1)	45	55	-	-	-	632
20	Montreal-Vancouver	613	68	77	23	-	-	-	365
21	Hamilton-Ottawa	605	17	-	100	-	-	-	516
22	Calgary-Kelowna	592	1	25	75	-	-	-	586
23	Calgary-Regina	581	(4)	35	65	-	-	-	608
24	Thunder Bay-Toronto	521	(0)	81	19	-	-	-	523
25	Montreal-Ottawa	508	15	97	-	-	2	2	443

1 The top 25 markets are ranked on the number of daily seats.  
 2 The number of daily seats is defined as the average number of seats offered on non-stop flights in each direction.  
 3 Data for Air Canada include the number of seats operated by Zip, Jazz and regional code-share partners.  
 4 Includes CanJet, HMY Airways, Jetsgo and Skyservice Airlines.

Source: Official Airline Guide and airline timetables