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**TRANSPORTATION  
IN CANADA 2002**

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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 – 2002**  
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<b>Canadian Exports to the U.S.</b> (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	345,931	196,756	75,638	11,429	19,059	43,048	56.9	21.9	3.3	5.5	12.4

<b>Canadian Imports from the U.S.</b> (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	229,644	182,771	18,655	3,271	23,643	1,304	79.6	8.1	1.4	10.3	0.6
2001	218,294	170,480	19,606	3,530	21,122	3,556	78.1	9.0	1.6	9.7	1.6
2002	217,914	174,477	21,476	3,342	17,405	1,213	80.1	9.9	1.5	8.0	0.6

<b>Total Canada-U.S. Trade</b> (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	588,933	383,081	94,247	12,711	47,488	51,404	65.0	16.0	2.2	8.1	8.7
2001	570,045	362,929	94,874	13,121	42,997	56,123	63.7	16.6	2.3	7.5	9.8
2002	563,845	371,234	97,115	14,771	36,464	44,261	65.8	17.2	2.6	6.5	7.8

<b>Canadian Exports to the U.S.</b> (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	348.7	71.3	65.2	60.7	0.8	150.7	20.4	18.7	17.4	0.2	43.2

**TABLE A2-1: MODAL SHARES IN CANADA-UNITED STATES TRADE, 1993 – 2002**  
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<b>Canadian Imports from the U.S.</b> (Millions of metric tonnes)											
	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	130.2	74.9	15.2	35.5	1.5	3.0	57.5	11.7	27.3	1.2	2.3
2000	122.8	67.8	17.6	33.4	1.8	2.1	55.2	14.4	27.2	1.5	1.7
2001	127.8	70.7	19.8	33.4	1.5	2.4	55.3	15.5	26.2	1.1	1.9
2002	130.7	69.0	20.0	36.0	1.8	3.9	52.8	15.3	27.5	1.4	3.0

<b>Total Canada/U.S. Trade</b> (Millions of metric tonnes)											
	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	438.7	149.0	74.2	85.6	2.1	127.8	34.0	16.9	19.5	0.5	29.1
2000	457.9	138.7	81.3	86.6	2.5	148.8	30.3	17.8	18.9	0.6	32.5
2001	465.1	138.9	84.4	85.9	2.1	153.7	29.9	18.2	18.5	0.5	33.0
2002	479.4	140.3	85.2	96.7	2.6	154.6	29.3	17.8	20.2	0.5	32.3

1 For exports, mode of transport represents the mode 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 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.

Source: *Transport Canada, Statistics Canada*

**TABLE A2-2: CANADA/OTHER COUNTRIES TRADE, BY MODE AND SECTOR, 1997 – 2002**

Year	Value (Billions of dollars)	Share in Per cent				
		Road	Rail	Marine	Air	Other
<b>Exports<sup>1</sup></b>						
1997	54.2	9.1	1.7	72.8	16.4	0.0
1998	48.5	7.8	1.3	71.3	19.5	0.0
1999	47.3	6.5	1.7	71.2	20.6	0.0
2000	53.9	6.3	1.3	69.8	22.7	0.0
2001	52.2	6.4	1.7	67.8	24.1	0.0
2002	49.8	5.6	1.9	67.9	24.7	0.0
<b>Imports</b>						
1997	88.5	31.3	4.5	40.0	22.0	2.1
1998	94.8	36.1	3.6	37.5	21.7	1.1
1999	104.8	34.8	3.2	38.2	23.3	0.5
2000	127.2	30.9	3.5	41.3	23.8	0.6
2001	124.8	32.2	3.9	40.4	21.9	1.6
2002	130.2	32.2	3.5	41.2	20.3	2.7

Year	Volume (Million tonnes)	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	168.6	2.6	0.7	96.3	0.4	0.0
2001	185.7	2.4	0.3	96.1	1.2	0.0
2002	156.6	1.7	0.8	96.7	0.8	0.0
<b>Imports</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	84.9	10.2	1.3	78.9	2.0	7.6
2002	89.9	10.6	1.1	70.9	3.2	14.3

<sup>1</sup> Total exports including domestic exports and re-exports. Preliminary data for 2002.  
Tonnes estimated based on weight conversion factors developed by Statistics Canada.

Source: Transport Canada, adapted from Statistics Canada

**TABLE A2-3: CANADA-UNITED STATES TRADE BY PROVINCE, 2001 – 2002**

(Billions of dollars)

Canada-U.S. trade:	Exports 2002	Imports 2002	Total 2002	Total 2001	Change (%) 2002/01
Ontario	193.0	162.7	355.7	344.6	3.2
Quebec	57.3	19.1	76.4	81.1	(5.8)
Alberta	43.9	9.3	53.2	61.4	(13.3)
British Columbia	20.5	11.8	32.3	37.1	(13.0)
Manitoba	7.7	8.4	16.0	16.0	0.1
Saskatchewan	6.9	3.7	10.7	11.1	(4.0)
New Brunswick	7.4	2.3	9.6	9.7	(1.0)
Nova Scotia	4.5	0.4	4.9	5.9	(16.1)
Newfoundland and Labrador	4.2	0.2	4.4	2.5	73.8
P.E.I.	0.6	0.0	0.6	0.6	4.7
Yukon & NWT	0.0	0.1	0.1	0.1	34.2
<b>Total:</b>	<b>345.9</b>	<b>217.9</b>	<b>563.8</b>	<b>570.0</b>	<b>(1.1)</b>

Note: Total exports and imports; preliminary data for 2002.  
Province of origin for exports; province of clearance for imports.

Source: Transport Canada, adapted from Statistics Canada

**TABLE A2-4: CANADA'S ROAD TRADE WITH THE UNITED STATES BY BUSIEST BORDER CROSSING POINTS, 2002**

(Billions of dollars)

Border Crossing Point	Exports by Road	Imports by Road	Total Trade by Road	Share in per cent
Windsor/ Ambassador, Ont.	59.0	68.5	127.5	34.3
Fort Erie/ Niagara Falls, Ont.	37.3	26.6	63.9	17.2
Sarnia, Ont.	28.2	22.8	51.0	13.7
Lacolle, Que.	14.7	5.6	20.2	5.5
Lansdowne, Ont.	11.1	5.8	16.9	4.6
Pacific Highway, B.C.	9.4	5.8	15.2	4.1
Emerson, Man.	6.7	6.3	13.0	3.5
Coutts, Alt.	6.0	3.8	9.8	2.6
Philipsburg, Que.	4.5	2.6	7.0	1.9
North Portal, Sas.	2.9	3.0	5.9	1.6
Other points	17.0	23.7	40.7	11.0
<b>Total</b>	<b>196.8</b>	<b>174.5</b>	<b>371.2</b>	<b>100.0</b>

Note: Preliminary data for 2002.

Source: Transport Canada, adapted from Statistics Canada



TABLE A2-5: CANADA-UNITED STATES TRANSBORDER TRADE, 2002 MAIN NORTH-SOUTH TRADE FLOWS

(Billions of dollars)

<i>Canada</i>	<i>United States</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 East	94.1	73.6	167.7	29.7	Road (76%), Rail (23%)
Ontario	Middle Atlantic	24.4	20.4	44.8	7.9	Road (88%), Air (6%)
Ontario	Pacific	22.9	8.6	31.5	5.6	Road (45%), Rail (38%)
Ontario	South Atlantic	13.8	17.6	31.4	5.6	Road (79%), Rail (12%)
Prairies	Central East	15.5	5.3	20.7	3.7	Road (30%), Pipeline (52%)
Ontario	South Central	7.7	12.5	20.2	3.6	Road (82%), Rail (15%)
Ontario	Central West	8.1	10.9	19.0	3.4	Road (76%), Rail (18%)
Quebec	Middle Atlantic	14.1	4.2	18.3	3.3	Road (81%), Rail (10%)
Ontario	South West	7.9	10.2	18.2	3.2	Road (71%), Rail (17%)
British Columbia	Pacific	10.6	6.4	17.0	3.0	Road (71%), Pipeline (9%)
Prairies	Central West	11.1	4.1	15.2	2.7	Road (46%), Pipeline (39%)
Quebec	Central East	10.9	2.9	13.7	2.4	Road (61%), Rail (28%)
Ontario	New England	6.8	4.8	11.5	2.0	Road (77%), Air (12%)
Quebec	New England	8.0	3.6	11.5	2.0	Road (86%), Rail (6%)
Prairies	Pacific	8.1	2.6	10.7	1.9	Road (35%), Pipeline (35%)
Quebec	South Atlantic	7.8	2.7	10.5	1.9	Road (63%), Air (23%)
Prairies	Middle Atlantic	7.4	1.5	8.9	1.6	Road (27%), Pipeline (61%)
<b>Subtotal</b>		<b>279.1</b>	<b>191.9</b>	<b>471.0</b>	<b>83.5</b>	
Other		66.9	26.0	92.9	16.5	
<b>Total Canada-U.S. trade</b>		<b>345.9</b>	<b>217.9</b>	<b>563.8</b>	<b>100.0</b>	<b>Road (66%), Rail (17%)</b>

Preliminary data for 2002.

Source: Transport Canada, adapted from Statistics Canada

TABLE A2-6: CANADA'S TRADE WITH COUNTRIES OTHER THAN THE UNITED STATES, 2002 MAIN TRADE FLOWS - EXPORTS

(Billions of dollars)

<i>Exports to:</i>	<i>Origin</i>			<i>Main modes used (Per cent of total value)</i>
	<i>Eastern prov.</i>	<i>Western prov.</i>	<i>Total</i>	
Pacific Rim <sup>1</sup>	7.5	12.8	20.3	Marine (79%), Air (17%)
Europe	14.3	4.9	19.3	Marine (61%), Air (38%)
Latin America <sup>2</sup>	2.1	1.5	3.6	Marine (66%), Road (16%)
Mexico	1.5	0.9	2.4	Marine (28%), Road (45%)
Other	2.2	2.0	4.2	Marine (69%), Air (23%)
<b>Total</b>	<b>27.6</b>	<b>22.2</b>	<b>49.8</b>	<b>Marine (68%), Air (25%)</b>

<sup>1</sup> Including Oceania and Asian countries, except Bangladesh, Sri Lanka, Maldives, India, and Pakistan.<sup>2</sup> South America, Central America, and Antilles, except Mexico.  
Preliminary data for 2002.

Source: Transport Canada, adapted from Statistics Canada

TABLE A2-7: CANADA'S TRADE WITH COUNTRIES OTHER THAN THE UNITED STATES, 2002 MAIN TRADE FLOWS - IMPORTS

(Billions of dollar)

<i>Imports from:</i>	<i>Destination</i>			<i>Main modes used (Per cent of total value)</i>
	<i>Eastern prov.</i>	<i>Western prov.</i>	<i>Total</i>	
Pacific Rim <sup>1</sup>	32.9	18.2	51.1	Marine (47%), Road (35%)
Europe	41.1	5.0	46.1	Marine (46%), Air (31%)
Mexico	11.4	1.3	12.7	Road (71%), Rail (20%)
Latin America <sup>2</sup>	6.2	0.7	6.9	Marine (42%), Road (36%)
Other	12.2	1.3	13.5	Marine (41%), Road (32%)
<b>Total</b>	<b>103.6</b>	<b>26.6</b>	<b>130.2</b>	<b>Marine (41%), Road (31%)</b>

<sup>1</sup> Including Oceania and Asian countries, except Bangladesh, Sri Lanka, Maldives, India, and Pakistan.<sup>2</sup> South America, Central America, and Antilles, except Mexico.  
Preliminary data for 2002.

Source: Transport Canada, adapted from Statistics Canada

**TABLE A2-8: CANADA'S EXPORTS BY COUNTRY GROUPINGS, 2001 – 2002**

<i>Destination</i>	(Billions of dollars)		<i>Growth rate (Per cent)</i>
	2001	2002	
<b>U.S.</b>	<b>351.8</b>	<b>345.9</b>	<b>(1.7)</b>
<b>Other countries</b>	<b>52.2</b>	<b>49.8</b>	<b>(4.6)</b>
Japan	8.3	8.3	(0.5)
United Kingdom	5.1	4.4	(13.4)
China, Pop.R.	4.2	4.0	(5.2)
Germany	2.9	2.9	(0.7)
Mexico	2.8	2.4	(13.1)
Other Western Europe	11.7	11.2	(4.3)
Other Asia	7.3	7.5	2.8
Other countries	9.9	9.2	(7.7)
<b>Total World</b>	<b>404.0</b>	<b>395.8</b>	<b>(2.0)</b>

Note: Preliminary data for 2002; including domestic exports and re-exports.

Source: Statistics Canada, International trade database, Feb. 2003

**TABLE A2-9: CANADA'S IMPORTS BY COUNTRY GROUPINGS, 2001 – 2002**

<i>Origin</i>	(Billions of dollars)		<i>Growth rate (Per cent)</i>
	2001	2002	
<b>U.S.</b>	<b>218.3</b>	<b>217.9</b>	<b>(0.2)</b>
<b>Other countries</b>	<b>124.8</b>	<b>130.2</b>	<b>4.4</b>
Japan	14.6	15.4	5.2
China, Pop.R.	12.7	16.0	25.5
Mexico	12.1	12.7	4.8
United Kingdom	11.7	9.7	(17.0)
Germany	8.0	8.3	3.9
Other Western Europe	23.8	26.4	11.2
Other Asia	19.1	19.3	1.1
Other countries	22.8	22.4	(1.6)
<b>Total World</b>	<b>343.1</b>	<b>348.1</b>	<b>1.5</b>

Note: Preliminary data for 2002

Source: Statistics Canada, International trade database, Feb. 2003

**TABLE A2-10: TOURISM DEMAND IN CANADA, 1997 – 2001**

	(Millions of dollars)					<i>Percentage change</i>		<i>Per cent of Totals 2001</i>
	1997	1998	1999	2000	2001	2000/1999	2001/2000	
<b>Domestic</b>								
Transportation	12,544	12,899	13,414	15,663	14,908	16.8	(4.8)	44.7
Passenger air transport	7,662	8,082	8,297	9,783	8,933	17.9	(8.7)	26.8
Passenger rail transport	106	99	103	111	123	7.8	10.8	0.4
Interurban bus transport	288	318	309	324	352	4.9	8.6	1.1
Vehicle rental	741	712	721	764	827	6.0	8.2	2.5
Vehicle repairs and parts	649	671	711	752	791	5.8	5.2	2.4
Vehicle fuel	2,904	2,826	3,070	3,715	3,663	21.0	(1.4)	11.0
Other transportation	194	189	208	213	217	2.4	1.9	0.7
Accommodation	3,660	3,525	3,432	3,669	3,475	6.9	(5.3)	10.4
Food and beverage services	4,032	4,077	4,398	4,804	5,203	9.2	8.3	15.6
Other tourism commodities	5,035	4,943	5,237	5,622	5,809	7.4	3.3	17.4
Total tourism commodities	25,270	25,446	26,481	29,756	29,393	12.4	(1.2)	88.1
Total other commodities	3,710	3,711	3,806	3,992	3,989	4.9	(0.1)	11.9
Tourism expenditures	28,980	29,156	30,286	33,748	33,382	11.4	(1.1)	100.0
<b>Exports</b>								
Transportation	3,541	3,922	4,341	4,931	4,808	13.6	(2.5)	26.3
Passenger air transport	2,092	2,365	2,617	3,080	2,884	17.7	(6.4)	15.8
Passenger rail transport	89	106	112	119	124	6.3	4.2	0.7
Interurban bus transport	238	246	262	280	306	6.9	9.3	1.7
Vehicle rental	444	488	537	559	572	4.1	2.3	3.1
Vehicle repairs and parts	76	82	87	93	100	6.9	7.5	0.5
Vehicle fuel	413	423	491	547	542	11.4	(0.9)	3.0
Other transportation	189	214	236	255	279	8.1	9.4	1.5
Accommodation	3,311	3,830	4,122	4,425	4,374	7.4	(1.2)	23.9
Food and beverage services	2,372	2,739	2,856	2,952	3,042	3.4	3.0	16.6
Other tourism commodities	1,836	2,138	2,320	2,413	2,511	4.0	4.1	13.7
Total tourism commodities	11,060	12,628	13,639	14,724	14,734	8.0	0.1	80.6
Total other commodities	2,518	2,822	3,088	3,309	3,547	7.2	7.2	19.4
Tourism expenditures	13,577	15,450	16,726	18,033	18,280	7.8	1.4	100.0
<b>Total</b>								
Transportation	16,085	16,821	17,755	20,594	19,716	16.0	(4.3)	38.2
Passenger air transport	9,754	10,447	10,914	12,863	11,817	17.9	(8.1)	22.9
Passenger rail transport	195	205	215	230	247	7.0	7.4	0.5
Interurban bus transport	526	564	571	604	658	5.8	8.9	1.3
Vehicle rental	1,185	1,200	1,258	1,323	1,399	5.2	5.7	2.7
Vehicle repairs and parts	725	753	798	845	891	5.9	5.4	1.7
Vehicle fuel	3,317	3,249	3,561	4,262	4,205	19.7	(1.3)	8.1
Other transportation	383	403	444	468	496	5.4	6.0	1.0
Accommodation	6,971	7,355	7,554	8,094	7,849	7.1	(3.0)	15.2
Food and beverage services	6,404	6,816	7,254	7,756	8,245	6.9	6.3	16.0
Other tourism commodities	6,871	7,081	7,557	8,035	8,320	6.3	3.5	16.1
Total tourism commodities	36,330	38,074	40,120	44,480	44,127	10.9	(0.8)	85.4
Total other commodities	6,228	6,533	6,894	7,301	7,536	5.9	3.2	14.6
Tourism expenditures	42,557	44,606	47,012	51,781	51,662	10.1	(0.2)	100.0

Source: Statistics Canada, Cat. 13-009

TABLE A2-11: CANADIAN TRAVEL ACCOUNT AND PASSENGER FARES, 1998 – 2002

(Millions of dollars)

Travel Account	1998	1999	2000	2001	2002	Percentage change	
						2001/2000	2002/2001
<b>Receipts</b>							
Total	14,019	15,141	16,098	16,682	16,475	3.6	(1.2)
U.S.	8,606	9,131	9,411	9,994	10,457	6.2	4.6
Other	5,413	6,010	6,687	6,688	6,018	0.0	(10.0)
Business	2,772	3,007	3,190	2,775	2,688	(13.0)	(3.1)
U.S.	1,841	1,966	2,008	1,843	1,851	(8.2)	0.4
Other	931	1,041	1,182	932	837	(21.2)	(10.2)
Pleasure	11,246	12,134	12,909	13,907	13,787	7.7	(0.9)
U.S.	6,765	7,165	7,404	8,150	8,606	10.1	5.6
Other	4,481	4,969	5,505	5,757	5,181	4.6	(10.0)
<b>Payments</b>							
Total	16,029	17,049	18,313	17,998	18,129	(1.7)	0.7
U.S.	9,951	10,840	11,502	11,000	10,728	(4.4)	(2.5)
Other	6,078	6,209	6,811	6,998	7,402	2.7	5.8
Business	3,957	4,296	4,522	3,770	3,362	(16.6)	(10.8)
U.S.	2,449	2,818	2,845	2,434	2,206	(14.4)	(9.4)
Other	1,508	1,478	1,677	1,336	1,157	(20.3)	(13.4)
Pleasure	12,071	12,752	13,791	14,229	14,767	3.2	3.8
U.S.	7,501	8,022	8,657	8,566	8,522	(1.1)	(0.5)
Other	4,570	4,730	5,134	5,663	6,245	10.3	10.3
<b>Balance</b>							
Total	(2,010)	(1,908)	(2,215)	(1,316)	(1,654)		
U.S.	(1,345)	(1,709)	(2,091)	(1,006)	(271)		
Other	(665)	(199)	(124)	(310)	(1,384)		
Business	(1,185)	(1,289)	(1,332)	(995)	(674)		
U.S.	(608)	(852)	(837)	(591)	(355)		
Other	(577)	(437)	(495)	(404)	(320)		
Pleasure	(825)	(618)	(882)	(322)	(980)		
U.S.	(736)	(857)	(1,253)	(416)	84		
Other	(89)	239	371	94	(1,064)		
<b>Passenger Fares</b>							
<b>Receipts</b>							
Air (incl. water)	2,435	2,702	3,194	2,975	3,139	(6.9)	
Air	2,413	2,668	3,160	2,941	3,115	(6.9)	
Water	2,400	2,657	3,075	2,917	3,089	(5.1)	
Land	13	12	15	24	26	60.0	
Rail	22	34	34	34	24	0.0	
<b>Payments</b>							
Air (incl. water)	3,748	3,716	4,080	4,178	3,917	2.4	
Air	3,668	3,633	3,988	4,085	3,832	2.4	
Water	3,580	3,561	3,809	3,969	3,705	4.2	
Land	88	72	95	116	127	22.1	
Rail	80	83	92	93	85	1.1	
<b>Balance</b>							
Air (incl. water)	(1,313)	(1,014)	(886)	(1,203)	(778)		
Air	(1,255)	(965)	(828)	(1,144)	(717)		
Water	(1,180)	(904)	(734)	(1,052)	(616)		
Land	(75)	(60)	(80)	(92)	(101)		
Rail	(58)	(49)	(58)	(59)	(61)		
<b>Balance</b>							
Rail	3	4	5	5	3		

Source: Statistics Canada, Cat. 13-009

**TABLE A2-12: DOMESTIC TRAVEL IN CANADA, 1997 – 2001**

(Thousands of persons-trips)

	1997	1998	1999	2000	2001	Percentage change		Per cent of Totals 2001
						2000/1999	2001/2000	
Total travel	150,844	159,219	164,097	162,106	144,202	(1.21)	(11.04)	100.0
Interprovincial	18,047	20,126	21,086	20,518	18,652	(2.69)	(9.09)	12.9
Intraprovincial	132,797	139,093	143,011	141,589	125,550	(0.99)	(11.33)	87.1
Same day	69,959	75,259	78,235	78,669	70,343	0.55	(10.58)	100.0
Interprovincial	3,382	3,605	3,861	3,521	3,077	(8.81)	(12.61)	4.4
Intraprovincial	66,577	71,654	74,374	75,148	67,266	1.04	(10.49)	95.6
Overnight	80,885	83,960	85,862	83,438	73,859	(2.82)	(11.48)	100.0
Interprovincial	14,665	16,521	17,225	16,997	15,575	(1.32)	(8.37)	21.1
Intraprovincial	66,220	67,439	68,637	66,441	58,284	(3.20)	(12.28)	78.9
Metropolitan Areas	65,551	67,447	69,838	70,887	63,482	1.50	(10.45)	44.0
Non-metropolitan Areas	85,293	91,772	94,259	91,219	80,720	(3.23)	(11.51)	56.0
Province of Destination								
Canada	147,425	155,732	160,743	158,789	141,033	(1.22)	(11.18)	100.0
Newfoundland and Labrador	3,421	3,488	3,356	3,218	3,170	(4.11)	(1.49)	2.2
Prince Edward Island	678	902	889	1,019	908	14.62	(10.89)	0.6
Nova Scotia	5,626	6,191	6,806	7,019	6,960	3.13	(0.84)	4.8
New Brunswick	4,476	4,915	5,208	4,652	5,383	(10.68)	15.71	3.7
Quebec	35,408	35,835	37,541	37,592	29,943	0.14	(20.35)	20.8
Ontario	53,877	56,076	57,930	58,177	51,910	0.43	(10.77)	36.0
Manitoba	6,601	7,207	6,875	6,700	6,366	(2.55)	(4.99)	4.4
Saskatchewan	7,945	8,211	8,434	7,919	7,108	(6.11)	(10.24)	4.9
Alberta	17,486	20,193	20,296	19,338	17,332	(4.72)	(10.37)	12.0
British Columbia	15,235	16,019	16,676	16,332	15,055	(2.06)	(7.82)	10.4
Territories	93	183	88	41	68	(53.41)	65.85	0.0
Mode								
Total	150,223	158,474	163,475	161,295	143,493	(1.33)	(11.04)	100.0
Automobile	138,547	145,919	150,687	149,139	131,854	(1.03)	(11.59)	91.9
Airplane	6,575	7,101	6,990	6,643	6,654	(4.96)	0.17	4.6
Bus	3,796	3,862	4,303	4,012	3,597	(6.76)	(10.34)	2.5
Rail	862	972	944	979	901	3.71	(7.97)	0.6
Boat	443	620	551	522	487	(5.26)	(6.70)	0.3
Same day	69,680	74,853	77,978	78,215	69,936	0.30	(10.58)	100.0
Automobile	67,192	72,329	75,293	75,921	67,795	0.83	(10.70)	96.9
Airplane	748	775	642	558	529	(13.08)	(5.20)	0.8
Bus	1,484	1,488	1,792	1,514	1,360	(15.51)	(10.17)	1.9
Rail	137	138	165	134	171	(18.79)	27.61	0.2
Boat	119	123	86	88	81	2.33	(7.95)	0.1
Overnight	80,543	83,621	85,497	83,080	73,557	(2.83)	(11.46)	100.0
Automobile	71,355	73,590	75,394	73,218	64,059	(2.89)	(12.51)	87.1
Airplane	5,827	6,326	6,348	6,085	6,125	(4.14)	0.66	8.3
Bus	2,312	2,374	2,511	2,498	2,237	(0.52)	(10.45)	3.0
Rail	725	834	779	845	730	8.47	(13.61)	1.0
Boat	324	497	465	434	406	(6.67)	(6.45)	0.6
Purpose								
Total	150,775	159,210	164,043	162,041	144,082	(1.22)	(11.08)	100.0
Visiting friends and relatives	56,441	57,696	58,030	53,579	49,539	(7.67)	(7.54)	34.4
Pleasure	55,141	58,883	63,128	64,483	56,863	2.15	(11.82)	39.5
Personal	18,237	20,154	20,777	21,067	19,163	1.40	(9.04)	13.3
Business	18,644	20,126	19,533	19,844	15,776	1.59	(20.50)	10.9
Convention	2,312	2,351	2,575	3,068	2,741	19.15	(10.66)	1.9
Same Day	69,949	75,258	78,199	78,639	70,270	0.56	(10.64)	100.0
Visiting friends and relatives	21,651	22,695	22,709	22,074	20,431	(2.80)	(7.44)	29.1
Pleasure	24,167	26,343	28,860	29,322	26,700	1.60	(8.94)	38.0
Personal	12,455	13,826	14,225	14,155	13,049	(0.49)	(7.81)	18.6
Business	11,073	11,885	11,827	12,227	9,324	3.38	(23.74)	13.3
Convention	603	509	578	861	766	48.96	(11.03)	1.1
Overnight	80,826	83,952	85,844	83,402	73,812	(2.84)	(11.50)	100.0
Visiting friends and relatives	34,790	35,001	35,321	31,505	29,108	(10.80)	(7.61)	39.4
Pleasure	30,974	32,540	34,268	35,161	30,163	2.61	(14.21)	40.9
Personal	5,782	6,328	6,552	6,912	6,114	5.49	(11.55)	8.3
Business	7,571	8,241	7,706	7,617	6,452	(1.15)	(15.29)	8.7
Convention	1,709	1,842	1,997	2,207	1,975	10.52	(10.51)	2.7

Source: Statistics Canada, CANSIM

**TABLE A2-13: DOMESTIC TRAVEL BY MODE OF TRANSPORT AND BY PURPOSE, 2001**

	Total	Same-day	Overnight		
			Primary trip purpose		
			Total	Non-business	Business
Automobile	131,854	67,796	64,059	58,706	5,348
Airplane	6,654	529	6,125	3,496	2,626
Bus	3,597	1,360	2,237	1,984	242
Rail	901	171	730	555	175
Boat	487	81	406	388	18

Source: Statistics Canada unpublished data

**TABLE A2-14: INTERNATIONAL TRAVEL SUMMARY, 1998 – 2002**

	1998	1999	2000	2001	2002	Percentage change		Per cent of Totals	
						2001/2000	2002/2001	2001	2002
Canadians	46,985	46,448	47,182	43,201	39,239	(8.4)	(9.2)	100.0	100.0
to U.S.	42,768	42,196	42,666	38,368	34,559	(10.1)	(9.9)	88.8	88.1
Same day	29,337	28,092	28,000	24,855	21,591	(11.2)	(13.1)	57.5	55.0
Auto	28,390	27,107	27,105	24,048	20,853	(11.3)	(13.3)	55.7	53.1
Plane	133	162	103	108	112	5.3	3.3	0.3	0.3
Bus	691	700	678	589	535	(13.1)	(9.1)	1.4	1.4
Boat	15	10	8	9	8	7.2	(11.6)	0.0	0.0
Foot	93	102	89	86	72	(2.7)	(16.7)	0.2	0.2
Other	15	12	16	14	11	(12.3)	(23.9)	0.0	0.0
Overnight	13,430	14,105	14,667	13,514	12,968	(7.9)	(4.0)	31.3	33.0
Auto	7,605	7,869	7,967	7,593	7,691	(4.7)	1.3	17.6	19.6
Plane	4,603	4,950	5,372	4,642	4,216	(13.6)	(9.2)	10.7	10.7
Train	32	35	42	42	36	(0.4)	(13.8)	0.1	0.1
Bus	661	694	728	629	548	(13.6)	(12.9)	1.5	1.4
Boat	117	112	121	136	141	13.1	3.3	0.3	0.4
Foot	326	353	342	371	335	8.6	(9.7)	0.9	0.9
Other	87	91	95	100	90	5.5	(10.2)	0.2	0.2
to Other countries	4,218	4,252	4,516	4,832	4,680	7.0	(3.1)	11.2	11.9
Air	4,210	4,244	4,507	4,825	4,370	7.1	(9.4)	11.2	11.1
via U.S.	663	624	709	690	666	(2.7)	(3.5)	1.6	1.7
Boat	7	7	8	7	10	(14.8)	41.6	0.0	0.0
U.S. Residents	43,857	44,630	43,994	42,871	40,878	(2.6)	(4.6)	100.0	96.1
Same day	28,965	29,450	28,805	27,301	24,726	(5.2)	(9.4)	63.7	58.1
Auto	27,062	27,318	26,646	25,313	22,817	(5.0)	(9.9)	59.0	53.6
Plane	464	525	533	446	431	(16.3)	(3.3)	1.0	1.0
Train	16	15	14	14	13	(2.4)	(5.0)	0.0	0.0
Bus	949	997	1,073	976	922	(9.0)	(5.6)	2.3	2.2
Boat	358	464	419	429	447	2.4	4.1	1.0	1.0
Foot	111	121	112	115	89	1.9	(22.6)	0.3	0.2
Other	6	10	8	9	88.2	(5.5)	0.0	0.0	0.0
Overnight	14,892	15,180	15,189	15,570	16,152	2.5	3.7	36.3	38.0
Auto	9,402	9,609	9,457	9,889	10,607	4.6	7.3	23.1	24.9
Plane	3,622	3,760	3,835	3,782	3,793	(1.4)	0.3	8.8	8.9
Train	88	100	108	117	108	8.6	(8.2)	0.3	0.3
Bus	804	810	798	708	661	(11.3)	(6.8)	1.7	1.6
Boat	322	287	403	439	439	9.0	0.0	1.0	1.0
Foot	601	558	534	573	486	7.4	(15.2)	1.3	1.1
Other	52	55	53	60	58	13.8	(3.7)	0.1	0.1
Non-U.S. Residents	4,207	4,425	4,644	4,275	4,018	(7.9)	(6.0)	100.0	9.4
Land	829	763	764	619	616	(19.0)	(0.4)	14.5	1.4
Same day	229	194	205	166	165	(19.0)	(0.6)	3.9	0.4
Overnight	600	568	559	453	451	(19.0)	(0.4)	10.6	1.1
Plane	3,319	3,591	3,799	3,566	3,541	(6.1)	(0.7)	83.4	8.3
via U.S.	829	992	930	858	853	(7.8)	(0.6)	20.1	2.0
Boat	58	72	81	91	91	12.7	0.0	2.1	0.2
via U.S.	52	65	73	83	83	14.5	0.0	1.9	0.2
<b>Total International Travellers</b>	<b>95,049</b>	<b>95,504</b>	<b>95,820</b>	<b>90,347</b>	<b>84,135</b>	<b>(5.7)</b>	<b>(6.9)</b>		

Source: Statistics Canada, Cansim

**TABLE A2-15: VISITORS TO CANADA FROM COUNTRIES OTHER THAN THE UNITED STATES, 1998 – 2002**

	1998	1999	2000	2001	2002	Percentage change		Per cent of Totals 2001
						2001/2000	2002/2001	
<b>Europe</b>								
Belgium	46.9	51.7	53.3	47.1	41.3	(11.7)	(12.4)	
Denmark	23.4	26.5	29.4	27.4	22.2	(6.7)	(18.8)	
France	416.0	428.0	417.2	368.6	320.7	(11.6)	(13.0)	8.6
Germany	414.6	425.6	416.9	360.0	311.7	(13.7)	(13.4)	8.4
Italy	121.9	129.2	125.6	101.4	104.8	(19.2)	3.3	2.4
Netherlands	116.7	124.3	132.5	118.3	110.8	(10.7)	(6.4)	2.8
Sweden	35.8	36.5	38.0	33.6	29.4			
Switzerland	107.3	103.6	106.9	98.8	90.7	(7.6)	(8.1)	2.3
United Kingdom	788.7	824.1	913.8	876.8	769.0	(4.1)	(12.3)	20.5
Ireland	31.5	31.2	32.0	34.4	31.1	7.5	(9.8)	0.8
Other Europe	255.8	275.2	274.7	257.5	253.6	(6.3)	(1.5)	6.0
<b>Total</b>	<b>2,358.6</b>	<b>2456.0</b>	<b>2540.2</b>	<b>2,323.8</b>	<b>2,085.2</b>	<b>(8.5)</b>	<b>(10.3)</b>	<b>54.4</b>
<b>Africa</b>								
South Africa	22.4	22.3	23.8	21.4	18.6	(10.0)	(13.2)	0.5
Other Africa	38.5	44.9	50.2	49.0	43.7	(2.4)	(10.9)	1.1
<b>Total</b>	<b>60.9</b>	<b>67.2</b>	<b>74.0</b>	<b>70.4</b>	<b>62.3</b>	<b>(4.9)</b>	<b>(11.6)</b>	<b>1.6</b>
<b>Asia</b>								
China	56.1	62.7	77.3	86.4	99.3	11.8	14.9	2.0
Hong Kong	156.5	142.9	145.1	130.1	122.8	(10.4)	(5.6)	3.0
India	48.3	52.2	55.2	58.2	58.7	5.5	1.0	1.4
Israel	73.2	68.3	81.6	83.0	77.3	1.8	(6.9)	1.9
Japan	524.9	550.4	540.1	449.0	452.5	(16.9)	0.8	10.5
South Korea	72.2	108.6	149.0	157.1	165.1	5.4	5.1	3.7
Taiwan	128.7	160.6	166.2	119.8	106.6	(27.9)	(11.0)	2.8
Other Asia	146.2	152.5	171.4	179.3	175.3	4.6	(2.2)	4.2
<b>Total</b>	<b>1,206.0</b>	<b>1,298.2</b>	<b>1,385.9</b>	<b>1,262.9</b>	<b>1,257.6</b>	<b>(8.9)</b>	<b>(0.4)</b>	<b>29.5</b>
<b>North America, Central America and Caribbean</b>								
Mexico	119.6	132.9	146.9	154.7	165.1	5.3	6.7	3.6
Other North America	14.2	15.6	13.6	13.3	14.1	(2.4)	6.0	0.3
Central America	13.6	15.4	15.3	16.6	19.0	8.6	14.1	
Bermuda and Caribbean	103.2	116.2	122.2	118.8	120.3	(2.8)	1.2	2.8
<b>Total</b>	<b>250.5</b>	<b>280.0</b>	<b>298.1</b>	<b>303.4</b>	<b>318.4</b>	<b>1.8</b>	<b>5.0</b>	
South America	130.4	117.9	125.1	107.0	97.0	(14.5)	(9.4)	2.5
<b>Oceania and other Ocean Islands</b>								
Australia	155.4	161.1	179.5	171.9	162.8	(4.2)	(5.3)	4.0
New Zealand	41.4	41.5	37.5	33.2	32.3	(11.4)	(2.7)	0.8
Other Oceania	3.2	3.4	3.3	2.6	2.5	(20.7)	(6.0)	0.1
<b>Total</b>	<b>200.1</b>	<b>206.0</b>	<b>220.4</b>	<b>207.8</b>	<b>197.6</b>	<b>(5.7)</b>	<b>(4.9)</b>	<b>4.9</b>
<b>Total Other Than U.S.</b>	<b>4,206.5</b>	<b>4,425.3</b>	<b>4,643.7</b>	<b>4,275.4</b>	<b>4,018.0</b>	<b>(7.9)</b>	<b>(6.0)</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey

**TABLE A2-16: OVERNIGHT VISITS TO THE UNITED STATES FOR CANADIANS BY SELECTED STATES, 2000 AND 2001**

Selected states	(Thousands of visits)		Percentage	Per cent
	2000	2001	change 2001/2000	of Total 2001
New York	2,314	2,200	(4.9)	11.7
Florida	2,042	1,887	(7.6)	10.0
Washington	1,581	1,538	(2.7)	8.2
Michigan	1,237	1,133	(8.4)	6.0
California	1,036	910	(12.2)	4.8
Nevada	811	658	(18.8)	3.5
Maine	682	644	(5.6)	3.4
Vermont	608	577	(5.1)	3.1
Pennsylvania	648	573	(11.6)	3.0
Minnesota	512	496	(3.0)	2.6
Ohio	508	477	(6.0)	2.5
Massachusetts	473	477	0.7	2.5
Virginia	428	425	(0.7)	2.3
Montana	464	383	(17.6)	2.0
North Carolina	362	377	4.1	2.0
Georgia	358	365	1.9	1.9
Hawaii	379	359	(5.4)	1.9
South Carolina	364	356	(2.0)	1.9
Illinois	373	356	(4.8)	1.9
Arizona	306	315	2.9	1.7
Other States	4,863	4,598	(5.4)	24.5
<b>Total</b>	<b>20,041</b>	<b>18,787</b>	<b>(6.3)</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, 2000 AND 2001**

Selected states	(Thousands of visits)		Percentage	Per cent
	2000	2001	change 2001/2000	of Total 2001
New York	2,121	1,930	(9.0)	16.6
Michigan	973	977	0.3	8.4
Vermont	755	727	(3.7)	6.3
Pennsylvania	717	710	(0.9)	6.1
New Hampshire	506	500	(1.2)	4.3
Georgia	444	446	0.5	3.8
North Carolina	398	400	0.7	3.4
Ohio	366	392	7.1	3.4
Illinois	327	377	15.1	3.2
Maryland	313	366	16.9	3.1
Virginia	376	366	(2.8)	3.1
Washington	423	337	(20.3)	2.9
Indiana	284	330	16.0	2.8
Minnesota	300	302	0.7	2.6
South Carolina	294	299	1.8	2.6
Idaho	317	259	(18.5)	2.2
West Virginia	327	251	(23.1)	2.2
Maine	201	212	5.6	1.8
Massachusetts	224	201	(10.4)	1.7
Tennessee	199	184	(7.4)	1.6
Kentucky	193	172	(10.7)	1.5
Other States	2,621	2,448	(6.6)	21.1
<b>Total</b>	<b>12,063</b>	<b>11,628</b>	<b>(3.6)</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-18: OVERSEAS TRAVEL BY CANADIANS BY SELECTED COUNTRIES, 2000 AND 2001**

	(Thousands of visits)		Percentage	Per cent
	2000	2001	change 2001/2000	of Total 2001
<b>Europe</b>				
United Kingdom	797	673	(15.5)	11.1
France	461	481	4.3	7.9
Germany	284	251	(11.6)	4.1
Italy	232	231	(0.5)	3.8
Spain	142	162	14.6	2.7
Netherlands	155	146	(5.7)	2.4
Switzerland	145	142	(2.1)	2.3
Ireland	91	118	29.3	1.9
Belgium	97	63	(34.9)	1.0
Austria	97	96	(0.5)	1.6
Portugal	73	90	22.8	1.5
Greece	63	77	23.1	1.3
Czech Republic	42	51	22.4	0.8
Hungary	29	40	37.5	0.7
Denmark	30	35	20.0	0.6
Other	273	246	(10.0)	4.1
<b>Total</b>	<b>3,009</b>	<b>2,902</b>	<b>(3.5)</b>	<b>47.9</b>
<b>Africa</b>	159	142	(10.8)	2.3
<b>Asia</b>				
Hong Kong	97	130	34.1	2.1
Japan	120	122	2.3	2.0
Mainland China	92	107	16.3	1.8
Other	379	511	35.0	8.4
<b>Total</b>	<b>687</b>	<b>870</b>	<b>26.7</b>	<b>14.4</b>
<b>Central America</b>	81	71	(12.9)	1.2
<b>Bermuda and Caribbean</b>	860	1,034	20.3	17.1
<b>South America</b>	165	182	10.7	3.0
<b>North America</b>				
Mexico	692	689	(0.5)	11.4
Other	9	8	(4.5)	0.1
<b>Total</b>	<b>701</b>	<b>697</b>	<b>(0.5)</b>	<b>11.5</b>
<b>Oceania</b>				
Australia and				
New Zealand	123	149	21.6	2.5
Other	29	11	(61.8)	0.2
<b>Total</b>	<b>152</b>	<b>161</b>	<b>5.5</b>	<b>2.6</b>
<b>Grand Total</b>	<b>5,814</b>	<b>6,059</b>	<b>4.2</b>	<b>100.0</b>

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-19: CANADA-UNITED STATES TRAVEL BY PURPOSE OF TRAVEL, 2000 AND 2001**

	(Per cent of trips)			
	Canadians		U.S. Residents	
	2000	2001	2000	2001
Business	16.7	15.3	14.2	12.3
Visiting friends and relatives	20.2	20.5	19.2	19.3
Pleasure	54.2	55.3	56.5	58.9
Other	8.9	8.9	10.1	9.4

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-20: OVERSEAS TRAVEL BY PURPOSE OF TRAVEL, 2000 AND 2001**

	(Per cent of trips)			
	Canadians		Non-U.S. Residents	
	2000	2001	2000	2001
Business	13.7	12.0	15.7	14.9
Visiting friends and relatives	19.2	17.6	24.8	26.4
Pleasure	61.2	64.1	53.5	51.6
Other	5.9	6.4	6.0	7.1

Source: Statistics Canada, International Travel Survey unpublished data

**TABLE A2-21: EMPLOYMENT IN THE TRANSPORT SECTOR, 1996 – 2002**

	(Thousands of employees)						
	1996	1997	1998	1999	2000	2001	2002 <sup>1</sup>
<b>Transport Services / Infrastructure</b>							
Air <sup>A</sup>	60.6	69.3	79.8	84.1	86.0	82.1	76.2
Marine <sup>B</sup>	25.4	22.8	22.0	23.2	24.4	26.8	27.1
Rail <sup>C</sup>	47.7	46.5	45.1	43.2	40.9	39.8	39.8
Truck <sup>D</sup>	303.5	306.4	308.1	310.5	313.3	317.3 <sup>1</sup>	N/A
Bus/Urban							
Transit <sup>E</sup>	59.2	61.0	62.9	64.1	66.0	67.0	N/A
Taxi <sup>F</sup>	12.8	12.9	12.4	11.9	13.5	14.4	15.3
Highway <sup>G</sup>	68.8	69.5	69.5	69.6	69.6	69.6	69.6
Other <sup>H</sup>	69.9	67.8	67.7	71.3	73.4	75.1	N/A
<b>Total</b>	<b>647.9</b>	<b>656.2</b>	<b>667.5</b>	<b>677.8</b>	<b>686.9</b>	<b>692.1</b>	<b>N/A</b>
<b>Government Services<sup>I</sup></b>	<b>32.5</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>Associated Services</b>							
Air <sup>J</sup>	32.4	33.5	39.4	40.1	41.5	42.7	43.1
Marine <sup>K</sup>	5.6	5.7	5.4	5.4	5.4	5.3	5.4
Other <sup>L</sup>	49.9	53.1	54.6	56.2	57.8	60.9	60.9
<b>Total</b>	<b>87.9</b>	<b>92.3</b>	<b>99.4</b>	<b>101.7</b>	<b>104.7</b>	<b>108.9</b>	<b>109.4</b>
<b>Grand Total<sup>F</sup></b>	<b>768.3</b>	<b>777.5</b>	<b>795.4</b>	<b>807.9</b>	<b>819.7</b>	<b>828.9</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 2002 based on eleven months of averaged annual data. Statistics Canada Survey of Employment, Payrolls and Hours (SEPH) (Based on North American Industrial Classification System (NAICS), Cat. 72F0023; Canadian Airport Authorities; Local Airport Authorities; Transport Canada

B Statistics Canada, SEPH, 2002 based on 11 months of 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, SEPH, Transport Canada for some years

E Statistics Canada, Passenger Bus and Urban Transit Statistics, Cat. 53-215, Transport Canada

F Statistics Canada, SEPH, 2002 based on 11 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 2002 based on 11 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, 1996 – 2001**

	Total Rail <sup>1</sup>	Class I	Class II <sup>2</sup>
	<b>1996</b>		
General	7,999	7,259	740
Transportation	18,025	16,225	1,800
Equipment maintenance	10,802	9,757	1,045
Road maintenance	10,839	9,392	1,447
<b>Total</b>	<b>47,665</b>	<b>42,633</b>	<b>5,032</b>
<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>46,471</b>	<b>41,114</b>	<b>5,357</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	8,005	7,286	719
Transportation	15,820	13,728	2,092
Equipment maintenance	9,602	8,485	1,117
Road maintenance	9,762	8,260	1,532
<b>Total</b>	<b>43,219</b>	<b>37,759</b>	<b>5,460</b>
<b>2000</b>			
General	7,318	6,650	668
Transportation	15,587	13,466	2,121
Equipment maintenance	8,659	7,564	1,095
Road maintenance	9,330	7,742	1,588
<b>Total</b>	<b>40,894</b>	<b>35,422</b>	<b>5,472</b>
<b>2001</b>			
General	7,122	6,389	733
Transportation	15,876	13,624	2,252
Equipment maintenance	7,506	6,381	1,125
Road maintenance	9,287	7,622	1,665
<b>Total</b>	<b>39,791</b>	<b>34,016</b>	<b>5,775</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, 1996 – 2001**

(Current dollars)

	<i>Total Rail<sup>1</sup></i>	<i>Class I</i>	<i>Class II &amp; III</i>
<b>1996</b>			
General	54,744	55,871	43,687
Transportation	58,601	59,312	52,190
Equipment maintenance	44,976	44,569	48,780
Road maintenance	46,144	47,314	38,546
<b>Total</b>	<b>52,033</b>	<b>52,709</b>	<b>46,308</b>
<b>1997</b>			
General	57,875	59,298	44,122
Transportation	60,009	61,285	50,018
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	60,940	62,445	45,679
Transportation	66,703	68,636	54,017
Equipment maintenance	46,839	46,580	48,806
Road maintenance	50,648	52,186	42,355
<b>Total</b>	<b>57,585</b>	<b>58,887</b>	<b>48,581</b>
<b>2000</b>			
General	65,240	66,750	50,210
Transportation	67,271	69,010	56,229
Equipment maintenance	48,162	47,763	50,914
Road maintenance	52,363	53,800	45,361
<b>Total</b>	<b>59,460</b>	<b>60,724</b>	<b>51,277</b>
<b>2001</b>			
General	64,887	66,318	52,411
Transportation	69,139	70,745	58,213
Equipment maintenance	51,431	51,572	50,626
Road maintenance	52,571	54,334	44,503
<b>Total</b>	<b>61,171</b>	<b>62,720</b>	<b>52,046</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, 1996 – 2001**

		<i>Canada</i>	<i>Atlantic Region<sup>5</sup></i>	<i>Quebec</i>	<i>Ontario</i>	<i>Prairie Provinces<sup>6</sup></i>	<i>British Columbia<sup>7</sup></i>
<b>Employment by Medium and Large For-Hire Firms<sup>1</sup></b>							
<b>1996</b>	Company drivers	51,833	3,362	12,277	20,404	11,659	4,131
	Other company employees	37,182	N/A	N/A	N/A	N/A	N/A
	<b>Total</b>	<b>89,015</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>1997</b>	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>
<b>1998</b>	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>
<b>1999</b>	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>
<b>2000</b>	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>
<b>2001</b>	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>
<b>Employment by Small For-Hire Firms<sup>2</sup></b>							
<b>1996</b>	Full-time	26,353	1,667	9,586	6,044	5,293	3,763
	Part-time	9,401	779	2,917	2,607	1,636	1,462
<b>1997</b>	Full-time	25,624	1,911	7,065	5,265	7,415	3,968
	Part-time	9,409	796	1,805	2,429	2,837	1,542
<b>1998</b>	Full-time	27,693	2,322	7,392	4,714	7,768	5,497
	Part-time	8,640	871	2,295	1,610	2,561	1,303
<b>1999</b>	Full-time	22,562	1,462	5,886	6,556	5,600	3,058
	Part-time	6,620	855	2,471	1,203	1,482	609
<b>2000</b>	Full-time	22,986	1,488	6,420	4,028	6,477	4,573
	Part-time	4,367	520	1,372	681	982	812
<b>2001</b>	Full-time	N/A	N/A	N/A	N/A	N/A	N/A
	Part-time	N/A	N/A	N/A	N/A	N/A	N/A
<b>Employment by Private Carriers<sup>3</sup></b>							
<b>1996</b>	Highway drivers	5,600	189	1,032	3,362	682	335
	Local drivers	8,087	358	2,468	3,155	1,087	1,019
	Other employees	6,306	247	1,289	3,152	707	911
	<b>Total</b>	<b>19,993</b>	<b>794</b>	<b>4,789</b>	<b>9,669</b>	<b>2,476</b>	<b>2,265</b>
<b>1997/1998<sup>e</sup></b>	Highway drivers	4,379	133	1,007	2,364	533	342
	Local drivers	8,001	433	2,297	2,897	1,257	1,117
	Other 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>							
<b>1996</b>		61,377	4,684	10,266	17,492	16,256	12,678
<b>1997</b>		64,235	5,687	12,566	18,556	17,983	9,310
<b>1998</b>		63,304	5,484	10,357	21,396	17,259	8,808
<b>1999</b>		60,488	5,597	12,203	17,739	16,665	8,284
<b>2000</b>		58,990	5,768	11,835	20,453	14,688	6,246
<b>2001</b>		N/A	N/A	N/A	N/A	N/A	N/A
<b>Delivery Drivers<sup>4</sup></b>							
<b>1996</b>		97,400	6,000	25,755	38,130	14,325	13,200
<b>1997<sup>e</sup></b>		97,898	N/A	N/A	N/A	N/A	N/A
<b>1998<sup>e</sup></b>		98,398	N/A	N/A	N/A	N/A	N/A
<b>1999<sup>e</sup></b>		98,901	N/A	N/A	N/A	N/A	N/A
<b>2000<sup>e</sup></b>		99,407	N/A	N/A	N/A	N/A	N/A
<b>2001</b>		99,915	5,195	28,880	38,005	14,290	13,535

e = Estimate N/A = Not available

1 Includes Canadian-domiciled for-hire carriers with annual revenues of \$1 million or more. Other Employees: maintenance and garage, terminal and other employees.

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.

5 Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick

6 Manitoba, Saskatchewan, Alberta.

7 British Columbia includes employment figures for the Territories.

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, 1996 – 2002**  
(Current dollars)

	1996	1997	1998	1999	2000	2001	2002 <sup>1</sup>
<b>Eastern Canada</b>							
Newfoundland and Labrador	497	590	554	588	639	655	683
Prince Edward Island	497	572	508	513	533	550	579
Nova Scotia	490	522	539	558	584	598	624
New Brunswick	599	626	576	551	540	496	527
Quebec	519	531	569	578	581	584	604
Ontario	702	712	751	728	751	781	801
<b>Western Canada</b>							
Manitoba	593	609	644	655	682	702	735
Saskatchewan	592	609	643	619	621	639	664
Alberta	608	639	667	703	705	707	734
British Columbia	640	681	755	739	752	767	789
Yukon	714	739	663	635	616	638	N/A
<b>Canada</b>	<b>610</b>	<b>632</b>	<b>669</b>	<b>668</b>	<b>680</b>	<b>693</b>	<b>716</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 a 11-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, 1996 – 2002**

	1996	1997	1998	1999	2000	2001	2002 <sup>2</sup>
New Brunswick	268	221	221	261	229	226	N/A
Quebec	2,079	2,205	2,288	2,199	2,561	2,757	2,967
Ontario	4,285	4,276	4,091	3,789	4,304	4,632	4,651
Manitoba	558	514	499	560	689	1,032	N/A
British Columbia	3,498	3,478	3,485	3,393	3,683	3,924	4,199
Nunavut <sup>1</sup>				36	37	42	N/A
Other Provinces/ Territories <sup>3</sup>	2,132	2,232	1,842	1,667	1,965	1,822	3,465
<b>Canada</b>	<b>12,819</b>	<b>12,925</b>	<b>12,426</b>	<b>11,905</b>	<b>13,468</b>	<b>14,435</b>	<b>15,281</b>

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).

N/A = Not available  
1 Nunavut taxi employment for 1999 is based on 9 months of data.  
2 Figures for 2002 are based on annualized 11 months weighted data.  
3 Newfoundland and Labrador, Prince Edward Island, Nova Scotia, Saskatchewan, Alberta and the Yukon (and New Brunswick and Manitoba for 2002).

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

**TABLE A2-29: URBAN TRANSIT EMPLOYMENT BY REGION, 1996 – 2001**

	Atlantic Region <sup>1</sup>	Quebec	Ontario	Prairie Provinces <sup>2</sup>	British Columbia <sup>3</sup>	Canada
1996	704	10,810	15,980	4,956	4,402	<b>36,852</b>
1997	733	10,296	15,949	4,990	4,510	<b>36,478</b>
1998	685	10,177	15,647	4,675	4,683	<b>35,867</b>
1999	693	10,284	15,737	5,300	5,150	<b>37,164</b>
2000	681	10,379	16,025	5,283	5,407	<b>37,775</b>
2001	722	10,549	17,220	5,466	5,506	<b>39,463</b>

Notes: 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

**TABLE A2-27: NUMBER OF TAXI AND LIMOUSINE DRIVERS EMPLOYED IN EACH PROVINCE AND TERRITORY**

	1986	1991	1996	2001
Newfoundland and Labrador	585	650	655	510
Prince Edward Island	N/A	135	150	115
Nova Scotia	1,225	1,270	1,100	1,305
New Brunswick	480	700	515	665
Quebec	7,890	8,610	8,665	9,525
Ontario	10,890	11,660	13,825	15,400
Manitoba	970	1,090	1,355	1,230
Saskatchewan	650	765	1,040	890
Alberta	2,700	2,695	3,710	3,770
British Columbia	3,665	3,750	4,235	4,355
Yukon	N/A	20	50	30
Northwest Territories	N/A	95	125	120
Nunavut	N/A	65	60	70
<b>Canada</b>	<b>29,950</b>	<b>31,510</b>	<b>35,490</b>	<b>37,990</b>

Note: Data in this table indicating the number of taxi and limousine drivers for Canada and its provinces and territories in 1986, 1991, 1996 and 2001 is Census data. Taxi and limousine drivers is reported as an occupational group in accordance with the 1991 Standard Occupational Classification.  
N/A = Not available

Source: Statistics Canada, Census

**TABLE A2-28: FULL-TIME EMPLOYEES IN THE BUS INDUSTRY, 1996 – 2001**

	1996	1997	1998	1999	2000	2001 <sup>4</sup>
<b>Intercity Operators<sup>1</sup></b>						
Drivers	1,419	1,446	690	745	731	N/A
Mechanics	149	145	60	47	47	N/A
Other	1,571	1,369	456	401	421	N/A
<b>Total</b>	<b>3,139</b>	<b>2,960</b>	<b>1,206</b>	<b>1,193</b>	<b>1,199</b>	<b>N/A</b>
<b>School Bus Operators<sup>1</sup></b>						
Drivers	13,638	16,370	18,879	18,240	19,250	N/A
Mechanics	780	861	990	991	1,050	N/A
Other	1,398	1,478	2,323	2,473	2,652	N/A
<b>Total</b>	<b>15,816</b>	<b>18,709</b>	<b>22,192</b>	<b>21,704</b>	<b>22,952</b>	<b>N/A</b>
<b>Charter Operators<sup>2</sup></b>						
Drivers	2,431	1,782	2,290	2,523	2,482	N/A
Mechanics	219	160	274	195	262	N/A
Other	740	428	551	536	595	N/A
<b>Total</b>	<b>3,390</b>	<b>2,370</b>	<b>3,115</b>	<b>3,254</b>	<b>3,339</b>	<b>N/A</b>
<b>Shuttle &amp; Sightseeing<sup>3</sup></b>						
Drivers		402	462	596	558	N/A
Mechanics		30	16	29	35	N/A
Other		74	73	132	124	N/A
<b>Total</b>	<b>N/A</b>	<b>506</b>	<b>551</b>	<b>757</b>	<b>717</b>	<b>N/A</b>
<b>Urban Transit</b>						
General and administration	4,114	4,014	3,344	3,805	3,794	4,556
Transport operations	22,807	22,474	22,697	23,231	23,642	24,355
Vehicle maintenance	9,931	9,990	9,826	10,128	10,339	10,552
<b>Total</b>	<b>36,852</b>	<b>36,478</b>	<b>35,867</b>	<b>37,164</b>	<b>37,775</b>	<b>39,463</b>
<b>Total Full-Time Employees</b>	<b>59,197</b>	<b>61,023</b>	<b>62,931</b>	<b>64,072</b>	<b>65,982</b>	<b>N/A</b>

Note: 1996-2001 inclusive includes full-time workers of companies with annual revenues greater than \$2 million.  
N/A = Not available

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 Data for 1996 includes "Shuttle and Sightseeing Operators".  
3 Shuttle & sightseeing employment data included with charter operators prior to 1997.  
4 2001 data not available due to the introduction of a new bus survey by Statistics Canada.

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

**TABLE A2-30: AVERAGE ANNUAL SALARY IN THE BUS INDUSTRY<sup>1</sup>, 1996 – 2001**

(Current dollars)						
	1996	1997	1998	1999	2000	2001
Intercity	37,467	36,238	38,627	35,250	37,718	N/A
School Bus	17,892	15,593	16,527	17,946	19,291	N/A
Charter	23,441	29,262	24,141	22,052	24,910	N/A
Shuttle and Sightseeing	N/A	18,670	22,221	21,701	22,443	N/A
Urban Transit	52,275	52,827	53,826	53,356	54,175	54,012

N/A = Not available  
 Notes: 1996-2000 data includes workers of companies with annual revenues greater than \$2 million; includes full-time and part-time workers; salaries include benefits.  
 Data includes part-time workers.  
 2001 data not available due to the introduction of a new bus survey by Statistics Canada.

Source: Statistics Canada, Passenger Bus and Urban Transit Statistics, Cat. 53-215 and special tabulations

**TABLE A2-31: EMPLOYMENT BY CANADIAN PORT AUTHORITIES, 1998 – 2002**

	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
		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
		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
		4	5	127	136
<b>Total Employees</b>	<b>2001</b>	<b>201</b>	<b>325</b>	<b>630</b>	<b>1,157</b>
	Full-time	191	290	426	907
	Part-time	3	12	40	55
		7	24	165	195
<b>Total Employees</b>	<b>2002</b>	<b>212</b>	<b>392</b>	<b>526</b>	<b>1,130</b>
	Full-time	192	340	361	893
	Part-time	9	12	39	60
		11	40	126	176

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

Source: Canadian Port Authorities

**TABLE A2-32: AVERAGE ANNUAL EMPLOYMENT IN THE MARINE TRANSPORT INDUSTRY, 1996 – 2002**

	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>
1996	266	1,836	2,095	2,269	6,663	1,127	14,255	23,690
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	780	1,322	2,307 <sup>1</sup>	2,380 <sup>1</sup>	6,822	2,788	16,400	26,276

Note: All figures are based on 12 months annual weighted data and on 11 months annual weighted data for year 2002.

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

Regional data includes 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 transport water.

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 A2-33: REGIONAL DISTRIBUTION OF EMPLOYMENT BY FERRY OPERATORS, 1996 – 2001**

	British Columbia	Prairies and Territories <sup>1</sup>	Ontario	Quebec	Atlantic Region <sup>2</sup>	Total
1996	4,785	57	327	710	3,310	9,189
1997	4,872	57	344	710	1,670	7,653
1998	4,822	57	335	710	1,670	7,594
1999	4,792	65	335	710	1,670	7,572
2000	4,982	65	313	680	1,490	7,530
2001	4,982	65	313	680	1,490	7,530

Note: Data limited to members of the Canadian Ferry Operators Association. Figures are likely to underestimate real employment as data was 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

**TABLE A2-34: EMPLOYMENT BY CATEGORY, ST. LAWRENCE SEAWAY MANAGEMENT CORPORATION, 1996 – 2002**

	Management	Administration	Operations	Total	Temporary
1996	13	86	611	710	34
1997	12	84	591	687	49
1998 <sup>1</sup>	15	70	540	625	33
1999 <sup>2</sup>	11	65	499	575	39
2000	12	67	491	570	31
2001	11	67	490	568	31
2002	10	74	479	563	30

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 A2-35: EMPLOYMENT BY CANADIAN PILOTAGE AUTHORITIES, 1996 – 2002**

	1996	1997	1998	1999	2000	2001	2002
<b>Great Lakes Pilotage</b>							
Administration	11	10	10	10	10	11	11
Pilots <sup>2</sup>	57	63	64	67	69	69	62
Other <sup>1</sup>	8	9	9	9	9	9	9
<b>Total</b>	<b>76</b>	<b>82</b>	<b>83</b>	<b>86</b>	<b>88</b>	<b>89</b>	<b>82</b>
<b>Atlantic Pilotage</b>							
Administration	9	9	7	7	7	8	8
Pilots <sup>2</sup>	51	50	52	52	52	55	54
Other <sup>1</sup>	13	13	13	17	19	19	19
<b>Total</b>	<b>73</b>	<b>72</b>	<b>72</b>	<b>76</b>	<b>78</b>	<b>82</b>	<b>81</b>
<b>Laurentian Pilotage</b>							
Administration	13	13	13	15	15	15	14
Pilots <sup>2</sup>	165	167	174	176	173	177	173
Other <sup>1</sup>	28	28	29	29	30	30	30
<b>Total</b>	<b>206</b>	<b>208</b>	<b>216</b>	<b>220</b>	<b>218</b>	<b>222</b>	<b>217</b>
<b>Pacific Pilotage</b>							
Administration	12	12	12	12	12	12	12
Pilots <sup>2</sup>	115	115	115	115	116	114	114
Other <sup>1</sup>	40	40	40	40	40	40	37
<b>Total</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>168</b>	<b>166</b>	<b>163</b>
<b>Canada</b>							
Administration	45	44	42	44	44	46	45
Pilots <sup>2</sup>	388	395	405	410	410	415	403
Other <sup>1</sup>	89	90	91	95	98	98	95
<b>Total</b>	<b>522</b>	<b>529</b>	<b>538</b>	<b>549</b>	<b>552</b>	<b>559</b>	<b>543</b>

1 Includes dispatch, pilot boat and other unspecified services.

2 Includes contract pilots.

Source: Pilotage Authorities

**TABLE A2-36: EMPLOYMENT BY MARITIME EMPLOYERS ASSOCIATIONS, 1996 – 2002<sup>1</sup>**

	<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>
1996	3,857	184,630	4,569	1,204	82,640	1,761
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

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 Employers Association; Maritime Employers Association

**TABLE A2-37: CENSUS EMPLOYMENT DATA LONGSHORE WORKERS**

	<i>Canada</i>	<i>Atlantic Region</i>	<i>Quebec</i>	<i>Ontario</i>	<i>Prairie Provinces</i>	<i>British Columbia</i>	<i>Territories</i>
<b>1991<sup>1</sup></b>	8,795	N/A	N/A	N/A	N/A	N/A	N/A
<b>1996</b>	7,705	1,925	1,725	870	160	3,010	15
<b>2001</b>	6,940	1,765	1,490	810	145	2,725	20

N/A = Not available

1 Group classifications changed from 1991 to 1996 Census. It is not possible to get regional breakouts for 1991 that will match with 1996 and 2001 data.

Source: Statistics Canada, Census

**TABLE A2-38: ANNUAL LABOUR COSTS PER EMPLOYEE, CANADIAN-BASED MARINE CARRIERS, 1996 – 2000**

(Current dollars)

	Government and Private			For-Hire <sup>1</sup>			Total		
	Vessel Crew	Other	Total	Vessel Crew	Other	Total	Vessel Crew	Other	Total
1996 <sup>f</sup>	48,912	42,172	<b>46,548</b>	57,765	40,255	<b>53,061</b>	53,234	41,418	<b>49,535</b>
1997 <sup>f</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>f</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>f</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 <sup>p</sup>	53,665	48,217	<b>51,654</b>	61,999	48,361	<b>58,761</b>	58,519	48,278	<b>55,461</b>

p = Preliminary r = Revised  
 1 Excluding Tour Boat Operator employees.

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

**TABLE A2-39: EMPLOYMENT IN THE AIR INDUSTRY, 1996 – 2001**

	1996	1997	1998	1999	2000 <sup>f</sup>	2001 <sup>p</sup>
<b>Levels I-III<sup>1</sup></b>						
Pilots and co-pilots	6,478	6,549	7,377	8,041	8,787	9,158
Other flight personnel	8,593	9,126	9,982	10,098	11,100	11,320
Management and administration	3,523	3,631	4,013	4,227	4,866	2,725
Other carrier personnel	28,411	29,200	31,650	31,499	34,058	34,637
Total Levels I-III	47,005	48,506	53,022	53,865	58,811	57,840
<b>Level IV<sup>2</sup></b>						
Total Level IV	4,537	4,361	4,646	4,287	N/A <sup>4</sup>	N/A <sup>4</sup>
<b>Levels I-IV</b>						
Total Levels I-IV	51,542	52,867	57,668	58,152	N/A <sup>4</sup>	N/A <sup>4</sup>
<b>Grand Total, Including Incidental Services<sup>3</sup></b>	<b>60,560</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</b>

p = Preliminary r = Revised N/A = Not available  
 Level definitions from 1996 to 1999:  
 1 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.  
 2 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.  
 3 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.  
 4 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.

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

**TABLE A2-40: EMPLOYMENT - NAS AIRPORTS, 1998 – 2002**

	CAA/LAA	Transport Canada Employees	
		Intransit to NAS Airports	Total
<b>1998</b>			
Atlantic	83	237	320
Central	1,551	60	1,611
Western Territories	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 Territories	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 Territories	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 Territories	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 Territories	801	20	821
Territories	41	0	41
<b>Total</b>	<b>2,837</b>	<b>20</b>	<b>2,857</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 A2-41: EMPLOYMENT RELATED TO TRAVEL ARRANGEMENT AND RESERVATION SERVICES,<sup>1</sup> 1996 – 2002**

	<i>Newfoundland and Labrador/ Nova Scotia</i>	<i>Quebec</i>	<i>Manitoba</i>	<i>Alberta</i>	<i>British Columbia</i>	<i>Other<sup>2</sup></i>	<i>Canada</i>
1996	640	5,952	786	3,242	6,608	15,171	32,398
1997	932	7,414	630	3,081	6,845	14,568	33,470
1998	920	7,043	739	3,098	7,198	14,650	33,648
1999	956	7,211	744	3,224	7,160	15,536	34,830
2000	1,090	7,052	598	3,486	7,027	16,904	36,157
2001	1,013	7,299	479	3,627	6,997	17,622	37,037
2002 <sup>2</sup>	957	7,611	494	3,658	7,109	17,527	37,356

- 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 2002 are based on 11-month average 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 A2-42: ANNUAL LABOUR COSTS PER EMPLOYEE OF CANADIAN AIR CARRIERS, 1996 – 2001**

	(Current dollars)					
	1996	1997	1998	1999	2000	2001 <sup>1</sup>
<b>Levels I-III</b>						
Pilots and Copilots	82,341	84,173	81,295	84,250	90,854	93,080
Other Flight Personnel	38,061	37,512	37,192	41,284	41,800	43,284
Management and Administration	51,072	49,937	52,551	57,298	58,159	71,623
Other Carrier Personnel	42,448	42,956	43,188	46,441	48,698	50,227
Total Levels I - III <sup>2</sup>	47,789	48,019	48,069	51,971	54,477	56,661
<b>Level IV</b>						
Total Levels IV <sup>3</sup>	43,700	43,003	42,863	44,945	N/A <sup>4</sup>	N/A <sup>4</sup>
<b>Levels I - IV Total</b>						
Total Levels I - IV	47,429	47,606	47,650	51,453	N/A <sup>4</sup>	N/A <sup>4</sup>

N/A = Not available

1 Preliminary data.

2 Level definitions from 1996 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.

3 Effective 2000, data for Level IV carriers will no longer be available due to carrier level carrier level definition changes implemented by Statistics Canada.

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

**TABLE A2-43: OTHER DIRECT TRANSPORT-RELATED EMPLOYMENT, 1996 – 2002**

	<i>Passenger Transit<sup>2</sup></i>	<i>Other Transportation<sup>3</sup></i>	<i>Pipeline Transportation</i>	<i>Total</i>
1996	19,736	45,357	4,842	69,934
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	16,899 <sup>e</sup>	53,249	4,990	75,137
2002 <sup>1</sup>	N/A <sup>4</sup>	54,074	4,989	N/A <sup>4</sup>

N/A = Not available

Note: Industries are classified in accordance with the North American Industrial Classification System (NAICS).  
e = estimate

1. 2002 based on 11-month average annual data.

2. A residual level of employment calculated as the difference between 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).

3. 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.

4. 2002 data not available due to the introduction of a new bus survey by Statistics Canada.

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

**TABLE A2-44: TRANSPORTATION-RELATED EMPLOYMENT<sup>1</sup> IN FEDERAL DEPARTMENTS AND AGENCIES**

	<i>Transport Canada</i>	<i>Canadian Coast Guard<sup>2</sup></i>	<i>Safety Board</i>	<i>Canadian Transportation Agency</i>	<i>Civil Aviation Tribunal</i>	<i>Total</i>
1996/97	12,257		255	356	8	<b>12,876</b>
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>
1999/2000	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>

1 Planned Full-Time Equivalents.  
2 Included with Transport Canada until 1997/98.

Source: 1990-2002 Estimates, Federal Government Main Estimates.

**TABLE A2-45: AVERAGE WEEKLY EARNINGS IN THE TRANSPORTATION AND WAREHOUSING SECTOR BY MODE,<sup>1</sup> 1996 – 2002**

(Current dollars)

	<i>Total Economy</i>	<i>Total Transport and Warehousing<sup>2</sup></i>	<i>Rail<sup>3</sup></i>	<i>Water<sup>3</sup></i>	<i>Air<sup>3</sup></i>	<i>Truck<sup>4</sup></i>	<i>Urban/Public Transportation<sup>4,5</sup></i>	<i>Pipeline</i>
1996	611	671	848	886	825	610	537	1,131
1997	623	690	864	880	830	632	576	1,152
1998	632	705	860	893	834	669	576	1,177
1999	639	716	874	897	850	668	584	1,174
2000	654	725	877	917	856	680	592	1,202
2001	665	742	888	971	884	693	612	1,241
2002 <sup>6</sup>	677	764	912	981	906	716	638	1,258

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 11-month weighted annual average.

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

**TABLE A2-46: AVERAGE WEEKLY EARNINGS IN THE TRANSPORTATION AND WAREHOUSING SECTOR<sup>1</sup> BY REGION, 1996 – 2002**

(Current dollars)

	<i>Newfoundland and Labrador</i>	<i>Prince Edward Island</i>	<i>Nova Scotia</i>	<i>New Brunswick</i>	<i>Quebec</i>	<i>Ontario</i>	<i>Manitoba</i>	<i>Saskatchewan</i>	<i>Alberta</i>	<i>British Columbia</i>	<i>Yukon</i>	<i>Canada</i>
1996	537	477	575	622	633	707	652	605	630	733	737	671
1997	567	524	589	635	651	731	672	620	649	744	699	690
1998	600	521	577	611	657	746	673	645	667	777	669	705
1999	639	513	632	631	616	743	712	557	698	785	693	716
2000	656	536	670	646	677	752	731	681	705	790	764	725
2001	663	540	687	664	696	769	735	715	725	803	761	742
2002 <sup>2</sup>	689	568	713	689	717	792	757	745	746	826	796	764

Note: Tabulations based upon the North American Industrial Classification System (NAICS).  
1 Data only available for Transportation and Warehousing.  
2 Estimate based on 11-month weighted annual average.

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



TABLE A2-47: LABOUR ACTION BY MODE OF TRANSPORT, 1996 – 2002

	<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>								
1996	1	1	1	4	6	2	3	<b>18</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>
<b>Workers Involved</b>								
1996	147	502	4	568	2,107	49	245	<b>3,622</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>
<b>Person-Days Lost</b>								
1996	600	2,150	0	42,330	44,890	3,440	13,230	<b>106,640</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>

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

1 Includes labour actions that involve freight forwarders, tour operators and some undefined road mode of transport.

Source: Human Resources Canada

TABLE A2-48: TOTAL ENERGY USE IN THE CANADIAN ECONOMY BY SECTOR, 1990 – 2001

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (per cent) 2000-01
Mining	262	254	244	307	329	367	414	399	337	306	339	358	5.7
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	(3.1)
Forestry	16	12	10	13	11	8	10	11	12	15	16	18	12.6
Construction	44	42	39	33	35	34	48	44	48	50	50	48	(4.1)
Agriculture	205	195	224	198	195	207	224	233	225	230	232	218	(5.9)
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	(3.7)
Public Administrations Commercial and other institutions <sup>1</sup>	144	137	137	133	145	146	136	134	130	125	131	127	(3.2)
Transportation	787	802	816	862	845	883	900	920	858	901	873	969	10.9
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	(1.0)
<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>(0.4)</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	

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, Cat. 57-003

**TABLE A2-49: ENERGY CONSUMPTION BY TYPE AND MODE, 1990 – 2001**

(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (per cent) 2000-01
<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	1.0
Aviation	4	3	3	3	3	4	4	4	3	3	3	3	(1.7)
Marine	-	2	-	1	1	1	1	1	-	-	-	-	
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	1.0
<b>Diesel</b>													
Road <sup>1</sup>	331	316	318	340	381	420	434	476	488	507	536	530	(1.1)
Rail	89	83	87	86	89	81	79	80	77	82	84	82	(1.7)
Marine	47	46	44	41	45	45	45	44	45	46	47	46	(1.2)
Pipelines	1	1	0	0	1	1	2	0	1	1	1	0	(41.4)
Total	468	446	449	468	516	548	561	600	611	636	667	659	(1.2)
<b>Jet Fuel</b>													
Aviation	154	135	145	141	153	165	187	194	200	212	215	195	(9.4)
<b>Light &amp; Heavy Fuel Oil</b>													
Marine	60	66	65	56	60	56	55	57	73	69	67	76	14.4
<b>Natural Gas</b>													
Pipelines	133	148	192	202	212	233	241	245	244	245	219	200	(8.6)
Retail pump sales (road)	3	3	3	3	5	8	8	4	3	3	2	2	0.0
Total	136	150	195	205	217	241	249	249	247	247	221	202	(8.5)
<b>Gas Plant NGL'S<sup>2</sup></b>													
Road transport and urban transit	26	29	29	32	34	33	34	29	27	23	16	17	3.8
<b>Primary Electricity</b>													
Pipelines	9	8	9	10	10	11	11	12	16	15	13	12	(5.6)
Road transport and urban transit	3	3	3	3	3	3	3	3	3	3	3	3	0.0
Total	12	11	12	13	13	14	14	15	19	18	16	16	(4.5)
<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	0.4
Aviation	158	139	148	145	156	169	190	197	203	216	218	198	(9.2)
Pipelines	142	157	202	213	223	245	254	258	261	261	233	213	(8.6)
Marine	107	114	109	99	106	102	101	101	118	115	113	122	7.9
Rail	89	83	87	86	89	81	79	80	77	82	84	82	(1.7)
<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>(1.0)</b>

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, Cat. 57-003

**TABLE A2-50: TOTAL TRANSPORTATION ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (per cent) 2000-01
<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>(1.0)</b>
Newfoundland and Labrador	47	44	41	40	38	39	42	41	41	43	46	46	(1.3)
Prince Edward Island	9	9	9	8	9	8	9	9	9	10	11	10	(2.5)
Nova Scotia	68	67	65	67	69	71	71	72	77	83	79	74	(5.5)
New Brunswick	55	54	55	57	59	58	61	64	66	69	72	70	(1.9)
Quebec	395	373	387	393	419	416	422	426	451	459	454	453	(0.1)
Ontario	678	659	680	702	725	748	769	805	823	857	865	830	(4.0)
Manitoba	87	87	92	94	97	100	101	98	93	96	90	82	(9.3)
Saskatchewan	95	101	117	120	124	129	130	131	129	132	125	112	(10.5)
Alberta	267	248	262	273	307	313	324	347	360	363	363	406	(11.8)
British Columbia	265	275	289	294	314	336	347	355	364	363	370	364	(1.7)
Yukon	2	2	3	3	3	3	3	3	3	3	3	3	(3.1)
NWT	4	5	4	5	5	6	6	6	6	4	4	6	45.0
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	14.3

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: ROAD ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (per cent) 2000-01
<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>0.4</b>
Newfoundland and Labrador	26	25	25	27	26	24	25	24	25	26	28	29	2.8
Prince Edward Island	7	7	7	7	7	8	8	8	8	9	9	9	(2.7)
Nova Scotia	49	47	48	49	50	52	52	53	54	57	56	56	(0.3)
New Brunswick	46	45	46	48	50	49	52	53	54	57	58	57	(1.7)
Quebec	328	313	319	336	353	359	363	371	380	388	383	375	(2.1)
Ontario	543	522	531	549	568	580	587	619	635	669	689	686	(0.3)
Manitoba	55	54	55	56	57	59	59	58	59	60	59	58	(2.1)
Saskatchewan	51	58	60	62	68	66	66	68	63	64	66	67	1.1
Alberta	197	183	184	190	212	220	227	237	247	248	255	278	9.1
British Columbia	168	171	178	185	198	208	215	224	232	225	224	219	(2.1)
Yukon	2	2	3	3	2	3	3	3	3	3	3	3	6.4
NWT	2	3	2	2	2	2	2	3	3	2	2	3	13.2
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	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 A2-52: AVIATION ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (per cent) 2000-01
<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>219</b>	<b>198</b>	<b>(9.3)</b>
Newfoundland and Labrador	10	7	8	5	5	6	7	6	6	7	8	7	(4.5)
Prince Edward Island	0	0	0	0	0	0	0	0	0	0	0	0	(2.7)
Nova Scotia	4	4	4	4	4	5	5	4	5	5	5	4	(11.7)
New Brunswick	1	1	1	1	1	1	1	2	2	2	3	3	(5.0)
Quebec	34	26	32	28	30	29	32	27	28	29	31	33	6.4
Ontario	47	44	42	45	48	51	58	63	69	71	68	58	(15.0)
Manitoba	6	5	5	5	7	7	8	8	7	8	8	7	(7.4)
Saskatchewan	2	2	2	1	2	2	3	2	2	2	2	2	10.9
Alberta	20	17	17	18	19	21	24	27	28	30	30	30	0.9
British Columbia	33	31	34	33	37	43	50	54	53	59	62	50	(19.5)
Yukon	0	0	0	0	0	0	0	0	0	0	0	0	(71.6)
NWT	2	2	2	2	3	3	2	3	3	1	1	3	99.1
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	2.7

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 A2-53: PIPELINE ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (percent) 2000-01
<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>(8.6)</b>
Quebec	0	1	1	1	1	0	0	1	0	0	2	4	89.1
Ontario	45	48	64	67	69	79	85	84	81	82	72	51	(29.8)
Manitoba	18	20	25	26	26	27	28	26	22	24	19	13	(29.6)
Saskatchewan	34	37	50	51	48	54	53	53	58	60	51	39	(24.9)
Alberta	28	29	41	45	56	56	59	67	68	67	56	70	25.1
British Columbia	17	21	20	22	25	27	30	28	31	27	32	36	12.9

1 There is no pipeline activity in the four Atlantic provinces as well as 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 A2-54: MARINE ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (percent) 2000-01
<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>7.9</b>
Newfoundland and Labrador	11	11	8	7	7	8	10	10	10	11	10	9	(9.9)
Prince Edward Island	1	1	2	1	1	1	1	1	1	1	1	1	(1.1)
Nova Scotia	14	16	13	13	14	13	14	15	18	19	16	13	(21.8)
New Brunswick	6	6	5	6	6	6	6	7	7	7	8	7	(7.0)
Quebec	26	26	26	21	28	20	22	21	33	30	28	32	15.8
Ontario	20	21	19	17	17	16	16	17	17	13	14	15	3.1
British Columbia	29	34	36	32	33	37	31	30	31	34	36	45	25.9
NWT	-	-	-	-	-	1	1	-	1	-	-	-	N/A

N/A = Not available  
1 Sales of marine fuel in the three Prairies 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 A2-55: RAIL ENERGY CONSUMPTION BY PROVINCE, 1990 – 2001**  
(Petajoules)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Annual Growth (percent) 2000-01
<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>(1.7)</b>
Nova Scotia	1	1	1	1	1	1	0	0	1	1	1	1	(6.0)
New Brunswick	2	2	2	2	2	1	1	2	2	3	3	3	10.8
Quebec	7	8	8	8	8	7	6	6	9	11	10	10	(6.2)
Ontario	23	25	24	24	24	21	23	23	20	21	22	20	(5.5)
Manitoba	8	7	7	7	7	7	7	6	4	4	4	3	(25.2)
Saskatchewan	8	4	5	5	7	7	7	7	6	6	5	4	(25.7)
Alberta	23	19	20	20	20	16	14	17	17	18	22	28	23.9
British Columbia	19	18	21	21	21	21	20	19	18	18	16	13	(17.6)

1 There is no rail activity in Prince Edward Island, the Yukon and Nunavut.  
2 There is no rail activity in Newfoundland. Sales of fuel for rail usage in Labrador are reported as occurring in the province of Quebec.  
3 The Northwest Territories shows a very small level of activities for some years.

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

**TABLE A2-56: CRUDE OIL PRICES - CANADIAN AND US\$ PER BARREL, 1990 – 2002**

	W.T.I. at Chicago <sup>1</sup>		Canadian Par in Edmonton <sup>2</sup>
	(US\$)	(CAN\$)	(CAN\$)
1990	18.64	21.68	17.62
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

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 A2-57: RETAIL PRICE OF REGULAR UNLEADED GASOLINE - SELECTED CITIES, 1990 – 2002**

	(Cents per litre)												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
St. John's	61.5	63.7	60.5	56.6	58.8	62.7	60.7	67.9	64.4	66.4	83.2	79.1	77.1
Charlottetown	58.0	63.2	60.6	56.3	55.1	59.1	59.1	60.5	53.6	53.1	70.3	72.3	68.2
Halifax	57.8	62.5	58.3	51.0	51.9	54.2	54.7	60.6	57.1	61.0	76.1	72.8	73.4
Saint John	57.8	59.6	56.8	55.2	53.9	56.4	54.9	60.4	55.3	59.1	73.7	69.9	72.8
Montreal	63.2	64.8	60.7	57.8	54.6	56.5	60.8	62.1	55.7	62.6	77.1	73.3	71.4
Toronto	55.7	54.5	53.3	51.5	49.9	52.3	55.7	55.7	51.0	57.1	70.8	66.8	67.3
Winnipeg	55.4	52.9	50.2	52.0	52.5	54.5	56.8	57.1	53.3	57.5	66.8	65.8	63.6
Regina	54.4	46.8	48.8	53.4	55.7	57.2	59.0	59.5	55.8	60.6	72.1	72.4	72.7
Calgary	54.2	49.7	46.4	46.6	47.1	49.3	51.2	52.9	48.7	52.8	64.5	64.9	65.4
Vancouver	61.1	56.5	53.6	54.6	55.2	58.0	59.3	58.4	49.3	51.4	68.9	67.2	69.7
Whitehorse	66.4	59.8	55.7	57.8	58.2	61.6	63.4	62.1	66.9	67.4	82.0	82.2	81.0
Yellowknife	75.9	70.8	65.6	66.9	67.4	71.3	72.6	71.2	72.0	71.6	83.4	87.1	88.5
<b>Canada<sup>1</sup></b>	<b>58.5</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>

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 A2-58: RETAIL PRICE OF ROAD DIESEL - SELECTED CITIES, 1990 – 2002**

	(Cents per litre)												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
St. John's	60.6	67.7	67.0	68.6	67.0	67.8	68.0	72.8	72.1	71.8	84.7	81.5	74.7
Charlottetown	53.4	60.1	57.0	55.4	55.6	58.8	59.9	62.4	54.8	54.4	68.7	70.8	64.7
Halifax	57.8	63.3	60.8	53.5	52.6	53.4	55.6	64.9	61.6	60.5	76.7	73.2	68.5
Saint John	52.9	57.4	56.7	55.5	55.6	57.0	57.9	61.9	60.3	60.5	75.2	73.8	70.2
Montreal	56.9	61.6	57.1	55.4	53.6	53.3	55.3	58.6	57.3	58.4	76.6	74.1	69.1
Toronto	50.3	54.7	50.1	50.5	50.2	51.3	52.9	53.5	48.9	51.4	68.5	67.2	62.8
Winnipeg	48.6	49.6	47.6	47.8	47.8	48.2	49.2	51.7	50.5	51.4	63.0	66.9	60.6
Regina	49.6	52.5	50.9	51.2	50.2	49.9	52.1	56.5	54.5	55.1	66.5	67.4	62.2
Calgary	46.8	47.2	41.6	41.4	42.6	44.0	46.2	48.6	48.0	49.8	60.3	61.5	57.8
Vancouver	48.6	55.0	52.5	53.3	52.4	51.9	54.2	54.7	51.9	53.1	64.6	66.6	63.4
Whitehorse	N/A	N/A	N/A	56.6	56.8	N/A	N/A	N/A	N/A	62.1	74.3	79.2	74.9
Yellowknife	N/A	N/A	N/A	58.4	58.4	59.7	N/A	N/A	N/A	63.2	74.2	77.5	78.8
<b>Canada<sup>1</sup></b>	<b>53.4</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>

N/A = Not available

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 A2-59: COMPONENTS OF THE RETAIL PRICE OF ROAD FUELS - 2002 NATIONAL AVERAGES**

	<i>Regular Gasoline</i>		<i>Road Diesel</i>	
	<i>cents/litre</i>	<i>per cent</i>	<i>cents/litre</i>	<i>per cent</i>
Crude costs	25.2	36.6	25.2	39.6
Refiner operating margin	8.9	12.9	7.1	11.2
Marketing operating margin	4.5	6.6	7.9	12.4
<b>Price Before Taxes</b>	<b>38.6</b>	<b>56.1</b>	<b>40.3</b>	<b>63.3</b>
Federal Excise Tax	10.0	14.5	4.0	6.3
Provincial Fuel Taxes <sup>1</sup>	13.9	20.2	13.7	21.5
G.S.T. & Prov. Sales Taxes <sup>1,2</sup>	6.4	9.2	5.7	9.0
<b>Total Taxes</b>	<b>30.2</b>	<b>43.9</b>	<b>23.4</b>	<b>36.7</b>
<b>Retail Price</b>	<b>68.8</b>	<b>100.0</b>	<b>63.6</b>	<b>100.0</b>

1 Distribution of taxes by category is estimated by Transport Canada.

2 G.S.T.: Goods and Services Tax.

Source: *M.J. Ervin & Associates*

**TABLE A2-60: PRICE OF OTHER TRANSPORTATION FUELS,<sup>1</sup> 1900 – 2002**

	(Cents per litre)			
	<i>Jet Fuel (Turbo)</i>	<i>Marine Fuels</i>	<i>Rail Diesel</i>	<i>Aviation Gasoline</i>
1990	29.93	21.65	31.92	57.15
1991	28.02	17.86	30.41	55.01
1992	26.33	19.31	28.17	59.03
1993	26.31	18.86	28.71	57.99
1994	26.01	19.71	28.93	59.24
1995	26.48	21.04	29.29	58.79
1996	28.90	19.97	31.52	59.45
1997	29.18	20.31	32.39	60.30
1998	24.92	18.24	29.22	56.86
1999	26.07	21.72	27.92	57.24
2000	40.15	24.21	39.05	65.39
2001 <sup>2</sup>	37.43	N/A	40.40	63.69
2002 <sup>3</sup>	31.85	N/A	N/A	N/A

N/A = Not available

1 Except for propane, prices include fuel purchased outside Canadian borders.

2 Rail is preliminary; data on marine fuels is not yet available for 2001.

3 Preliminary.

Source: *Transport Canada databases*

TABLE A2-61: PRICE AND OUTPUT INDICATORS, TRANSPORT INDUSTRIES, 1996 – 2001

	Price Changes (Annual per cent increase)				Output Changes (Annual per cent increase)			
	1996/99	1999/2000	2000/01	1996/2001	1996/99	1999/2000	2000/01	1996/2001
<b>CN and CPR</b>								
Agriculture	1.3	(2.9)	(1.7)	(0.2)	(4.7)	17.8	0.0	0.4
Other bulk	(5.0)	(6.4)	3.9	(3.6)	4.0	4.5	(0.2)	3.3
Other commodities	0.4	(1.6)	(2.1)	(0.5)	4.0	5.7	(1.9)	3.1
Intermodal	0.0	(2.2)	1.4	(0.1)	6.3	10.6	3.7	6.6
<b>Total</b>	<b>(0.4)</b>	<b>(2.7)</b>	<b>(0.1)</b>	<b>(0.8)</b>	<b>2.3</b>	<b>7.5</b>	<b>0.6</b>	<b>2.9</b>
<b>Trucking Industry</b>								
Domestic	0.9	0.3	1.6	0.9	1.2	6.9	11.4	4.3
Transborder	2.4	2.8	2.5	2.5	13.8	7.0	4.6	10.6
<b>Total</b>	<b>0.8</b>	<b>2.5</b>	<b>2.5</b>	<b>1.5</b>	<b>6.9</b>	<b>7.1</b>	<b>7.2</b>	<b>7.0</b>
<b>Airline Industry</b>								
Passenger	3.9	6.3	(4.8)	2.6	6.5	4.2	(3.3)	4.0
Freight	2.0	9.0	10.6	5.0	4.9	(10.3)	(14.3)	(2.4)
<b>Total</b>	<b>3.6</b>	<b>6.3</b>	<b>(3.6)</b>	<b>2.7</b>	<b>7.1</b>	<b>4.5</b>	<b>(5.0)</b>	<b>4.1</b>
<b>Larger Transport Industries<sup>1</sup></b>								
Freight	0.5	1.3	2.0	1.0	5.4	6.0	5.3	5.5
Passenger	3.9	6.3	(4.8)	2.6	6.5	4.2	(3.3)	4.0
<b>Total</b>	<b>1.5</b>	<b>2.9</b>	<b>(0.0)</b>	<b>1.5</b>	<b>6.0</b>	<b>6.3</b>	<b>1.8</b>	<b>5.2</b>
<b>VIA Rail</b>								
Corridor	6.4	7.4	4.5	6.3	(0.1)	3.7	5.0	1.7
Long haul	2.9	0.3	6.8	3.1	3.4	(0.4)	(2.4)	1.4
Remote-regional	4.2	6.9	7.3	5.4	2.3	2.8	(2.1)	1.5
<b>Total</b>	<b>5.1</b>	<b>5.2</b>	<b>5.2</b>	<b>5.1</b>	<b>1.3</b>	<b>2.3</b>	<b>2.8</b>	<b>1.8</b>
<b>Transit</b>								
Passenger	1.3	4.3	3.3	2.3	3.3	2.9	(1.2)	2.3
<b>Total</b>	<b>1.4</b>	<b>4.3</b>	<b>3.0</b>	<b>2.3</b>	<b>3.1</b>	<b>3.4</b>	<b>(0.3)</b>	<b>2.5</b>
<b>Total Transport</b>								
Business carriers	1.5	2.9	(0.0)	1.5	6.0	6.3	1.8	5.2
Public carriers	1.8	4.3	3.2	2.6	3.0	3.3	(0.0)	2.4
<b>Total</b>	<b>1.5</b>	<b>3.0</b>	<b>0.2</b>	<b>1.5</b>	<b>5.8</b>	<b>6.1</b>	<b>1.7</b>	<b>5.0</b>
<b>Business Economy</b>	<b>0.9</b>	<b>4.1</b>	<b>1.4</b>	<b>1.6</b>	<b>4.3</b>	<b>4.5</b>	<b>1.1</b>	<b>3.7</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 A2-62: COST STRUCTURE OF TRANSPORT INDUSTRIES, 1996 – 2001 (AS A PERCENTAGE OF TOTAL COSTS)

	Larger Transport Industries <sup>1</sup>				Public Carriers				Total Carriers			
	1996	1999	2000	2001	1996	1999	2000	2001	1996	1999	2000	2001
Variable	81.4	81.8	82.9	82.9	73.2	72.5	71.8	71.5	80.3	80.7	81.7	81.6
Labour	37.7	36.5	35.6	35.8	50.9	50.6	48.5	48.6	39.4	38.1	37.1	37.2
Fuel	12.2	10.7	13.9	13.5	5.0	4.9	5.7	5.8	11.2	10.0	12.9	12.6
Other	31.5	34.6	33.5	33.7	17.4	17.0	17.6	17.1	29.7	32.6	31.7	31.8
Capital	18.6	18.2	17.1	17.1	26.8	27.5	28.2	28.5	19.7	19.3	18.3	18.4

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

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

**TABLE A2-63: EFFICIENCY INDICATORS, TRANSPORT INDUSTRIES, 1996 – 2001**

	<i>Productivity (Annual per cent increase)</i>				<i>Unit Costs (Annual per cent increase)</i>			
	<i>1996/99</i>	<i>1999/2000</i>	<i>2000/01</i>	<i>1996/2001</i>	<i>1996/99</i>	<i>1999/2000</i>	<i>2000/01</i>	<i>1996/2001</i>
<b>CN and CPR</b>								
Labour	6.6	13.4	5.2	7.6	(5.0)	(11.8)	(4.4)	(6.3)
Fuel	5.5	6.2	0.3	4.6	(9.2)	32.6	5.5	0.9
Capital	0.9	8.2	0.0	2.1	(2.6)	(2.1)	(0.4)	(2.0)
<b>Total</b>	<b>3.2</b>	<b>10.1</b>	<b>2.3</b>	<b>4.3</b>	<b>(3.4)</b>	<b>(4.3)</b>	<b>(1.3)</b>	<b>(3.2)</b>
<b>Trucking</b>								
Labour	1.8	2.8	2.9	2.2	1.1	(0.9)	(0.6)	0.3
Fuel	1.7	6.4	(1.9)	1.9	(1.5)	22.0	1.3	3.4
Capital	(3.0)	5.8	(8.5)	(2.5)	1.4	(5.6)	9.3	1.5
<b>Total</b>	<b>1.0</b>	<b>2.7</b>	<b>(0.5)</b>	<b>1.0</b>	<b>0.3</b>	<b>2.3</b>	<b>1.8</b>	<b>1.0</b>
<b>Airline Industry</b>								
Labour	0.6	(5.9)	10.5	1.1	(0.4)	14.8	5.7	3.7
Fuel	2.0	3.6	(1.1)	1.7	(5.7)	50.1	(5.8)	3.4
Capital	1.9	1.2	18.6	4.9	0.9	(1.6)	(3.2)	(0.4)
<b>Total</b>	<b>0.1</b>	<b>(1.3)</b>	<b>5.2</b>	<b>0.9</b>	<b>2.0</b>	<b>9.1</b>	<b>1.5</b>	<b>3.3</b>
<b>Large Transport Industries<sup>1</sup></b>								
Labour	2.7	2.5	5.3	3.1	(0.7)	0.5	0.3	(0.3)
Fuel	2.4	5.2	(1.3)	2.2	(4.3)	34.0	(1.1)	3.0
Capital	(0.0)	4.8	3.0	1.5	(0.1)	(3.0)	1.8	(0.3)
<b>Total</b>	<b>1.2</b>	<b>2.6</b>	<b>1.9</b>	<b>1.6</b>	<b>0.1</b>	<b>3.4</b>	<b>1.1</b>	<b>1.0</b>
<b>Via Rail</b>								
Labour	1.0	9.4	(3.5)	1.7	(0.0)	(5.8)	2.8	(0.7)
Fuel	2.5	(3.4)	0.2	0.9	(3.9)	19.9	24.2	5.8
Capital	7.3	5.3	(8.2)	3.6	(8.3)	(1.1)	8.4	(3.7)
<b>Total</b>	<b>2.5</b>	<b>1.2</b>	<b>(1.0)</b>	<b>1.5</b>	<b>(2.5)</b>	<b>2.0</b>	<b>2.2</b>	<b>(0.7)</b>
<b>Transit</b>								
Labour	0.3	1.7	(2.3)	0.1	(2.0)	(0.2)	4.9	(0.3)
Fuel	(1.0)	(3.6)	3.0	(0.8)	(2.0)	20.2	4.5	3.4
Capital	(1.3)	0.8	(0.8)	(0.8)	(0.4)	7.0	5.6	2.2
<b>Total</b>	<b>0.2</b>	<b>0.3</b>	<b>(1.2)</b>	<b>(0.1)</b>	<b>(1.6)</b>	<b>4.0</b>	<b>4.8</b>	<b>0.8</b>
<b>Total Transport</b>								
Business carriers	2.3	2.5	4.2	2.7	(0.9)	0.3	0.9	(0.3)
Public carriers	2.3	5.1	(1.3)	2.1	(4.2)	33.3	(0.8)	3.1
<b>Total</b>	<b>(0.1)</b>	<b>4.2</b>	<b>2.3</b>	<b>1.2</b>	<b>(0.2)</b>	<b>(1.7)</b>	<b>2.4</b>	<b>0.0</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 A2-64: FINANCIAL PERFORMANCE OF TRANSPORTATION INDUSTRIES, 1999 – 2002

	1999	2000	2001	2002
		<i>(Millions of dollars unless otherwise specified)</i>		
<b>CN and CPR – Canadian Operations</b>				
Operating Revenues	6,502	6,825	6,867	6,858
Operating Expenses	5,380	5,479	5,489	5,145
Net Income	1,122	1,347	1,378	1,713
Operating Ratio <sup>1</sup>	82.7	80.3	79.9	75.0
<b>Regional Railways and Short Line Railways</b>				
Operating Revenues	765	819	850	N/A
Operating Expenses	690	734	769	N/A
Net Income	75	85	81	N/A
Operating Ratio <sup>1</sup>	90.2	89.6	90.5	N/A
<b>Trucking Industry</b>				
Operating Revenues	15,970	17,540	19,268	N/A
Operating Expenses	15,187	16,616	18,152	N/A
Net Income	783	924	1,117	N/A
Operating Ratio <sup>1</sup>	95.1	94.7	94.2	N/A
<b>Air Canada<sup>2,3</sup></b>				
Operating Revenues	6,443	9,296	9,611	9,826
Operating Expenses	6,066	9,035	10,342	10,044
Net Income	377	261	(731)	(218)
Operating Ratio <sup>1</sup>	94.1	97.2	107.6	102.2
<b>WestJet<sup>3</sup></b>				
Operating Revenues	204	333	478	504
Operating Expenses	173	279	419	432
Net Income	30	53	59	71
Operating Ratio <sup>1</sup>	85.0	83.9	87.6	85.8
<b>VIA Rail</b>				
Operating Revenues	206.4	222.1	240.2	N/A
Operating Subsidies	170.0	164.4	158.8	N/A
Total Costs	484.1	498.4	513.6	N/A
Cost Recovery Ratio <sup>4</sup>	42.6	44.6	46.8	N/A
<b>Transit Industry</b>				
Operating Revenues	1,854.7	2,000.1	2,052.6	N/A
Operating Subsidies	1,492.0	1,512.1	1,626.8	N/A
Total Costs	4,003.0	4,307.2	4,497.2	N/A
Cost Recovery Ratio <sup>4</sup>	46.3	46.4	45.6	N/A

N/A = Not available

1 Operating Revenues/Operating Expenses.

2 2000 results include Canadian Airlines from July to December.

3 Annual Report of the respective firms.

4 Operating Revenues/Total Costs.

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

## 2 TRANSPORTATION AND THE ECONOMY

**TABLE A2-65: PERSONAL EXPENDITURES ON TRANSPORTATION, 2002**

(Millions of 1997 dollars)

	2002	<i>Per cent of Total</i>
New automobiles	18,501	18.4
Used motor vehicles (net)	7,630	7.6
New trucks and vans	15,538	15.4
Bicycles and motorcycles	3,447	3.4
Boats, aircraft and accessories	2,607	2.6
<b>New and Used Transportation Equipment</b>	<b>47,723</b>	<b>47.4</b>
<b>Transportation Fuels and Lubricants</b>	<b>20,494</b>	<b>20.3</b>
Motor vehicle parts and accessories	6,387	6.3
Motor vehicle maintenance and repairs	6,750	6.7
<b>Repair and Maintenance Expenditures</b>	<b>13,137</b>	<b>13.0</b>
Driving licences, lessons and tests	298	0.3
Motor vehicle renting	783	0.8
Auto insurance	4,384	4.4
Bridge and highway tolls	384	0.4
Parking	864	0.9
<b>Other Motor Vehicle Related Services</b>	<b>6,713</b>	<b>6.7</b>
Urban transit	2,144	2.1
Railway transport	223	0.2
Interurban bus	754	0.7
Air transport	7,215	7.2
Water transport	299	0.3
Taxis	589	0.6
Moving and storage	822	0.8
Commissions paid to tour operators	650	0.6
<b>Commercial Transportation</b>	<b>12,696</b>	<b>12.6</b>
<b>Total Personal Expenditures on Transportation</b>	<b>100,763</b>	<b>100.0</b>

Source: Statistics Canada National Income and Expenditure Accounts Division

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

	(Millions of dollars)									
	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03 <sup>F</sup>	
Transport Canada	2,977	3,448	2,472	2,428	1,415	1,252	1,233	1,492	1,348	
Operating Expenses <sup>1,2</sup>	1,714	2,347	1,153	567	555	561	578	644	667	
Capital	505	297	273	106	79	73	73	111	57	
Grants & Contributions <sup>2</sup>	757	804	1,046	1,756	782	618	583	737	625	
Other Federal Departments/Agencies <sup>3</sup>	1,287	1,277	1,047	1,019	892	743	774	832	1,189	
Operating and Capital Expenses	292	793	800	797	737	712	744	769	1,049	
Grants & Contributions	995	484	246	222	155	30	30	63	164	
Total Federal Expenses	4,264	4,725	3,519	3,447	2,307	1,995	2,007	2,324	2,537	
Provincial/Territorial Expenditures										
Operating and Maintenance	2,829	2,790	2,652	2,700	2,785	2,729	2,879	2,640	N/A	
Capital	2,661	2,933	2,757	2,669	2,940	3,240	3,246	3,412	N/A	
Transfer Payments	2,420	2,376	2,130	2,253	2,499	3,041	1,477	1,762	N/A	
Gross Expenditures	7,910	8,099	7,539	7,621	8,225	9,010	7,603	7,815	N/A	
Federal Transfers	291	340	353	633	229	172	114	130	N/A	
Expenditures Net of Transfers	7,619	7,759	7,186	6,988	7,995	8,838	7,489	7,684	N/A	
Local Expenditures <sup>4</sup>										
Roads	6,334	6,712	6,261	6,578	6,301	6,884	6,991	7,845	N/A	
Transit	1,642	1,690	1,675	1,772	2,207	2,062	2,094	2,168	N/A	
Other	102	123	116	156	132	195	290	300	N/A	
Gross Expenditures	8,079	8,525	8,051	8,507	8,641	9,142	9,374	10,312	N/A	
Federal Transfers	1,392	1,336	1,122	1,235	1,545	1,339	842	1,041	N/A	
Provincial Transfers <sup>5</sup>	87	169	121	129	88	63	52	65	N/A	
Expenditures Net of Transfers	6,600	7,020	6,808	7,143	7,008	7,740	8,481	9,207	N/A	
Consolidated Expenses by All Levels of Government	18,483	19,504	17,513	17,579	17,310	18,572	17,977	19,215	N/A	
Transport Canada Revenues <sup>6</sup>	1,021	1,211	1,359	991	663	386	352	372	423	
Other Federal Departments/Agencies Revenues <sup>7</sup>	4	15	31	40	42	46	45	44	420	
Government Tax Revenues from Transport Users <sup>8</sup>	12,205	12,977	13,332	13,589	13,912	13,800	13,605	13,777	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 not 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 Air Transport Security Authority.

4 Calendar year basis.

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, 2003, for full year.

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

### 3 GOVERNMENT SPENDING ON TRANSPORTATION

TABLE A3-2: FEDERAL OPERATING, MAINTENANCE AND CAPITAL EXPENDITURES, 1996/97 – 2002/03

		(Millions of dollars)						
		1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03 <sup>F</sup>
<b>Operations</b>		<b>1,833</b>	<b>1,032</b>	<b>929</b>	<b>907</b>	<b>929</b>	<b>989</b>	<b>960</b>
<b>Airports</b>	<b>Total</b>	<b>396</b>	<b>186</b>	<b>140</b>	<b>123</b>	<b>92</b>	<b>85</b>	<b>66</b>
	O&M	274.8	131.3	101.5	72.5	57.2	55.4	44.0
	Capital	121.3	54.5	38.8	50.7	34.5	29.8	22.0
<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>51</b>	<b>60</b>
	O&M	52.4	53.8	54.7	47.4	48.9	48.6	55.9
	Capital	6.3	2.0	9.4	3.3	21.4	2.7	4.3
<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>503</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>112</b>	<b>126</b>
Small Fishing Ports and Harbours (DFO)	Total	58.3	59.9	58.1	63.7	79.3	82.5	94.6
Ports and Harbours (TC)	O&M	25.8	26.6	23.3	27.9	24.0	23.1	28.6
Ports and Harbours (TC)	Capital	11.7	1.9	4.2	7.6	3.4	6.3	2.4
<b>Total Roads</b>	<b>Total</b>	<b>175</b>	<b>169</b>	<b>156</b>	<b>141</b>	<b>154</b>	<b>209</b>	<b>196</b>
Jacques Cartier & Champlain bridges	Total	27.9	25.6	23.7	28.0	33.8	92.9	82.2
Other-TC	Total	-	10.2	4.1	3.5	3.4	3.5	4.2
Indian and Northern Affairs	Total	53.5	62.2	57.4	48.5	57.9	44.7	44.7
PWGSC	Total	58.5	42.9	43.0	30.0	29.1	33.8	33.8
Parks Canada	Total	31.7	24.8	10.3	12.5	12.5	22.5	22.5
National Capital Commission	Total	3.1	3.6	17.6	18.6	17.2	11.7	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>11</b>	<b>9</b>
<b>Safety, Security and Policy</b>	<b>Total</b>	<b>284</b>	<b>335</b>	<b>346</b>	<b>342</b>	<b>354</b>	<b>422</b>	<b>669</b>
	O&M	278.4	302.8	326.9	336.7	350.9	363.3	567.4
	Capital	5.6	31.8	19.4	5.8	3.4	58.5	101.7
<b>Canadian Air Transport Security Authority</b>	<b>Total</b>							<b>260</b>
	O&M							173.3
	Capital							89.2
<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>155</b>	<b>165</b>
Air Safety	Total	105.4	109.3	121.4	136.9	148.5	148.5	157.4
Aviation Tribunal	Total	1.0	0.9	0.9	0.9	1.3	1.5	1.5
Air Policy and Analyses	Total	3.3	3.0	3.2	4.3	4.2	5.5	6.1
<b>Marine Safety and Policy</b>	<b>Total</b>	<b>41</b>	<b>65</b>	<b>56</b>	<b>47</b>	<b>49</b>	<b>49</b>	<b>56</b>
Marine Safety <sup>1</sup>	Total	36.6	36.6	37.7	42.8	43.8	43.7	50.6
Marine Policy and Analyses	Total (1)	4.6	28.6	17.9	4.5	4.9	5.2	5.3
<b>Rail and Road Safety and Policy</b>	<b>Total</b>	<b>36</b>	<b>36</b>	<b>40</b>	<b>41</b>	<b>40</b>	<b>43</b>	<b>51</b>
Rail Safety	Total	12.5	12.5	13.1	13.4	14.8	14.8	16.7
Rail Policy and Analyses	Total	1.2	1.1	1.9	1.7	1.2	2.8	3.7
Road Safety	Total	20.3	19.8	21.9	20.4	20.5	20.8	25.6
Road Policy and Analyses	Total	2.2	2.6	2.9	5.2	3.5	4.7	4.7
<b>Multimodal Safety and Policy</b>	<b>Total</b>	<b>97</b>	<b>120</b>	<b>125</b>	<b>112</b>	<b>112</b>	<b>174</b>	<b>138</b>
Multimodal Safety	Total	5.1	7.5	7.0	11.0	8.2	8.0	9.7
Multimodal Policy and Analyses	Total	20.3	13.4	14.9	14.8	18.1	25.5	17.7
Environment	Total	-	-	4.6	5.9	9.9	10.1	15.5
Canadian Transport Agency	Total	31.0	57.0	21.4	19.1	21.5	22.6	24.9
Canadian Transport Safety Board	Total	23.0	23.0	57.0	39.0	30.0	30.0	32.0
Security and Emergency Preparedness <sup>2</sup>	Total	10.2	10.7	10.2	11.5	13.4	67.3	26.4
Dangerous Goods	Total	7.4	8.6	10.4	11.0	10.8	10.9	12.0
<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>113</b>	<b>119</b>
	O&M	95.4	87.9	88.6	90.8	100.7	99.8	103.5
	Capital	14.0	15.3	6.7	5.6	10.1	13.3	15.7
<b>Total</b>		<b>2,226</b>	<b>1,470</b>	<b>1,370</b>	<b>1,346</b>	<b>1,395</b>	<b>1,524</b>	<b>1,748</b>
Transport Canada	O&M	1,153.1	567.3	555.1	560.7	577.5	643.7	666.5
	Capital	273.1	105.5	78.5	73.0	72.9	110.6	57.0
	Total	1,426.2	672.8	633.6	633.7	650.4	754.3	723.5
Department of Fisheries and Oceans	Total	598.5	582.7	529.1	543.9	574.8	602.5	597.6
Other Federal Agencies and Departments	Total	201.7	214.4	207.6	168.6	169.3	166.8	427.3

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

<sup>2</sup> Larger expenses in 2000/01 related to the purchase of explosives detection equipment.

<sup>F</sup> Forecast as of January 31, 2003, for full year.

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

TABLE A3-3: DIRECT FEDERAL SUBSIDIES, GRANTS AND CONTRIBUTIONS BY MODE, 1995/96 – 2002/03

	(Millions of dollars)							
	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03 <sup>F</sup>
<b>Air Mode</b>	<b>36</b>	<b>331</b>	<b>747</b>	<b>264</b>	<b>41</b>	<b>48</b>	<b>177</b>	<b>68</b>
Airport Assistance: O&M and Capital	35.2	35.2	46.2	45.0	38.7	46.8	50.6	36.2
Non-National Airport System: O&M	19.0	4.7	3.3	2.8	2.2	2.1	2.2	2.0
Non-National Airport System: Capital	-	16.3	16.7	12.3	10.0	1.1	0.1	-
Airport Capital Assistance Program	1.7	9.4	21.2	28.6	20.2	38.6	43.3	33.0
Local Airports and Special Capital Contribution	10.0	1.9	4.3	1.4	6.3	5.0	5.1	1.2
Strategic Investment Initiatives - Airports	4.4	2.9	0.7	-	-	-	-	-
NAV CANADA	-	291.7	685.8	215.8	-	-	-	-
Airline Assistance <sup>1</sup>	-	-	-	-	-	-	99.3	28.0
Enhanced Security at Airports	-	-	-	-	-	-	24.6	-
Other <sup>2</sup>	1.0	4.5	15.2	2.9	1.8	1.5	2.5	3.3
<b>Marine Mode</b>	<b>171</b>	<b>150</b>	<b>136</b>	<b>80</b>	<b>172</b>	<b>153</b>	<b>111</b>	<b>110</b>
Payments to Marine Atlantic	100.0	97.2	91.3	29.1	114.8	38.6	36.8	46.4
Other Crown corporations	7.0	2.5	0.7	10.4	-	-	-	-
Laurentian Pilotage Authority	5.1	-	-	-	-	-	-	-
Ports Canada	1.9	2.5	0.7	10.4	-	-	-	-
Port Divestiture Funds <sup>3</sup>	-	0.1	4.8	6.7	22.0	45.4	21.6	22.3
Ferry/Coastal Services	59.9	43.3	34.5	32.0	31.8	30.8	31.7	32.2
Ferry Services in British Columbia	21.3	21.8	21.9	22.0	22.0	22.5	23.0	23.4
Other Ferry and Coastal Services	38.5	21.5	12.6	9.9	9.8	8.3	8.7	8.8
Regional Development Agencies	0.2	2.4	1.4	0.8	3.9	16.8	20.9	7.8
Other <sup>1,3</sup>	4.4	4.7	3.2	1.4	-	21.5	0.1	1.1
<b>Rail Mode</b>	<b>561</b>	<b>267</b>	<b>254</b>	<b>237</b>	<b>206</b>	<b>266</b>	<b>343</b>	<b>288</b>
Terminated Subsidies	221.7	-	-	-	-	-	-	-
WGTA	209.8	-	-	-	-	-	-	-
MRFA	2.2	-	-	-	-	-	-	-
Branch Lines	9.7	-	-	-	-	-	-	-
Hopper Car Leasing (C.W.B.)	18.2	17.1	19.0	21.0	20.0	18.2	16.4	16.0
Payments to VIA Rail	301.0	235.8	216.2	200.5	170.3	231.6	310.2	255.7
Subsidies to Non-VIA Passenger Services	9.7	5.2	6.5	6.5	6.7	6.8	6.6	6.8
Grade Crossing Improvement	8.2	7.4	7.5	7.2	7.4	7.5	7.5	7.5
Newfoundland Supplementary Pensions	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0
Other <sup>1</sup>	0.5	0.5	3.3	0.8	0.4	0.5	0.9	1.2
<b>Highway Modes</b>	<b>525</b>	<b>543</b>	<b>840</b>	<b>355</b>	<b>229</b>	<b>145</b>	<b>168</b>	<b>322</b>
Atlantic Region Freight Assistance Program	35.4	-	-	-	-	-	-	-
Transition Programs - Elimination of ARFAA	48.7	74.8	101.5	67.9	30.6	3.4	0.8	0.9
Transition Programs - Road Improvement in the Prairies	1.9	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>4</sup>	-	16.6	34.8	24.0	24.6	11.8	28.8	36.6
Total	50.6	98.5	485.6	93.4	57.5	15.3	29.6	37.5
Highway Agreements	83.7	91.1	77.3	91.1	100.6	62.6	69.0	69.2
Strategic Investment Initiatives	115.5	109.9	74.9	34.8	6.6	0.2	-	33.3
Infrastructure Program - Treasury Board	221.8	221.8	140.1	81.7	-	-	7.7	113.3
Fixed Link - Confederation Bridge	8.5	13.3	52.6	44.3	46.1	47.2	48.6	50.1
Public Works and Government Services Canada	-	-	37.8	43.0	-	-	-	-
Finance (escalation clause)	-	-	-	1.0	-	-	-	-
Transport Canada Contribution	8.5	13.3	14.8	0.3	46.1	47.2	48.6	50.1
Tolls on Victoria Bridge	5.0	4.2	4.0	5.0	13.4	11.7	3.1	3.3
National Safety Code	3.7	3.9	4.5	4.0	3.9	7.0	5.6	6.3
Regional Development Agencies	0.3	0.1	0.4	0.2	0.0	0.2	2.4	1.8
Other	0.4	0.3	0.6	0.7	1.2	1.2	2.6	6.9
<b>Other, n.e.s</b>	<b>4.5</b>	<b>0.2</b>	<b>0.4</b>	<b>0.4</b>	<b>0.2</b>	<b>0.5</b>	<b>1.1</b>	<b>1.6</b>
Total	1,297.7	1,292.1	1,977.2	936.9	648.5	612.9	800.3	788.9
Transport Canada	813.6	1,045.7	1,755.6	781.7	618.3	582.7	737.4	624.7
Other Federal Agencies	484.1	246.4	221.7	155.2	30.2	30.2	62.9	164.2
Canadian Transportation Agency	257.1	-	-	-	-	-	-	-
Infrastructure Program - Treasury Board	226.3	226.3	142.9	83.4	-	-	8.5	116.2
Other Federal Agencies	0.7	20.0	78.7	71.8	30.2	30.2	54.4	48.0

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.

2 Includes Infrastructure Program.

3 Includes payment of \$36 million to the Province of Quebec the transfer of ferry wharves.

4 Includes in 2000/01 a payment of \$21.4 million to the Port of Hamilton for the settlement of a litigation.

5 Agriculture Canada program.

F Forecast as of January 31, 2003, for full year.

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, 1994/95 – 2002/03

	(Millions of dollars)								
	1994/95	1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03 <sup>F</sup>
<b>Part A - Federal Transport Revenues</b>									
<b>Other than Fuel Taxes</b>	1,025	1,226	1,390	1,032	705	431	397	416	843
Air Transportation Tax <sup>1</sup>	588.8	682.7	737.2	741.8	294.8	2.9	-	-	-
Airports - Leases	18.8	65.6	64.6	64.7	190.2	214.5	219.3	248.3	299.5
Other Airport Fees	284.5	302.3	260.1	95.7	76.4	56.7	30.3	15.9	16.2
Air Safety Fees	3.3	6.1	7.0	5.5	10.4	12.5	13.2	12.1	11.9
Overflight Fees	36.2	67.9	190.0	-	-	-	-	-	-
Aircraft Services	16.4	19.1	25.8	30.2	28.4	27.1	27.5	33.7	30.0
Airport Security Fee									375.0
Canadian Coast Guard Services <sup>2</sup>	9.4	11.5	27.3	37.3	39.9	43.7	43.4	42.1	43.4
DFO - Small Ports	4.1	4.0	3.4	2.9	2.3	2.1	1.9	1.8	1.2
Harbour Fees	11.5	15.5	18.7	19.1	16.9	17.6	11.2	14.3	13.0
Marine Safety Fees	3.7	5.5	7.1	7.5	8.3	8.8	9.2	7.6	8.3
Port Authorities' Returns <sup>3</sup>	-	-	5.8	5.0	5.4	7.1	5.9	10.4	14.5
Road Safety Fees	0.9	0.5	0.3	0.3	0.3	0.3	0.4	-	2.8
Sale of Assets <sup>3</sup>	8.2	2.6	16.1	1.3	0.7	4.2	0.0	-	-
Leases of Hopper Cars <sup>3</sup>	-	-	-	12.1	12.2	13.0	13.6	13.9	10.0
Other Fees & Recoveries <sup>4</sup>	39.1	42.9	26.5	8.2	19.1	21.0	21.2	16.2	17.2
Transport Canada	1,020.7	1,210.8	1,359.0	991.4	663.0	385.6	351.8	372.3	423.3
Other Federal Departments	4.1	15.5	30.7	40.2	42.2	45.8	45.3	43.9	419.6
<b>Part B - Other Government Revenues from Transport Users</b>									
Federal Fuel Taxes	3,820	4,397	4,439	4,625	4,742	4,786	4,807	4,758	
Public and Non-Transport Use <sup>5, 6</sup>	351	402	433	455	430	438	447	439	
Road Use <sup>6</sup>	3,298	3,831	3,838	3,994	4,138	4,164	4,164	4,136	
Other Modes <sup>6</sup>	170	165	169	177	174	185	196	183	
Provincial/Territorial Fuel Taxes	6,173	6,311	6,405	6,579	6,831	6,976	6,923	7,060	
Sales Tax Equivalent <sup>6, 7</sup>	625	658	704	603	581	643	763	729	
Net Road Taxes <sup>6</sup>	5,270	5,364	5,396	5,655	5,941	5,996	5,852	6,050	
Other Modes <sup>6</sup>	278	289	305	320	309	336	308	281	
Provincial/Territorial Licences & Fees	2,164	2,101	2,235	2,411	2,645	2,688	2,687	2,711	
Total Applicable Government Revenues From Transport Users	12,205	12,977	13,332	13,589	13,912	13,800	13,605	13,777	
<b>Part C - Net Provincial Revenues From Fuel Taxation by Province</b>									
Newfoundland and Labrador	96.9	92.8	78.3	118.2	119.3	127.3	129.0	128.1	
Prince Edward Island	19.6	19.8	19.8	21.5	23.9	25.8	23.1	22.9	
Nova Scotia	151.7	148.0	149.7	200.0	206.7	214.2	198.4	214.2	
New Brunswick	122.2	121.9	123.6	161.7	169.8	181.8	180.5	185.9	
Quebec	1,327.7	1,393.1	1,439.7	1,471.6	1,545.2	1,548.2	1,524.6	1,526.2	
Ontario	2,045.8	2,051.4	2,012.0	2,082.9	2,258.2	2,271.4	2,160.0	2,312.3	
Manitoba	161.0	165.3	166.1	163.5	172.7	164.9	164.8	169.8	
Saskatchewan	257.2	266.5	292.5	300.9	284.3	300.3	272.2	280.1	
Alberta	459.5	470.7	483.4	499.4	492.7	514.1	558.7	569.7	
British Columbia	617.4	623.1	617.6	623.5	654.8	631.3	623.7	626.0	
Northwest Territories	5.4	6.1	7.1	6.3	8.0	10.1	9.1	9.2	
Yukon	5.4	5.8	5.9	5.9	5.2	5.7	5.5	4.9	
Nunavut	-	-	-	-	-	1.0	0.9	0.8	
Canada	5,269.8	5,364.4	5,395.7	5,655.5	5,940.6	5,996.1	5,852.4	6,050.1	
<b>Part D: Net Revenues from Provincial/Territorial Licences and Fees by Province and Territory</b>									
Newfoundland and Labrador	44.4	45.5	46.7	52.7	53.1	54.2	52.8	54.1	
Prince Edward Island	8.8	9.1	9.4	9.7	10.8	11.0	11.0	11.0	
Nova Scotia	61.9	48.2	48.8	45.0	50.8	50.4	52.7	51.1	
New Brunswick	65.1	64.4	65.2	65.9	68.3	73.5	71.7	72.2	
Quebec	557.9	540.8	582.9	734.8	839.0	843.7	828.6	846.0	
Ontario	798.2	743.7	831.5	799.1	903.1	919.1	908.4	910.1	
Manitoba	59.2	58.1	64.8	69.3	69.5	68.7	69.9	75.2	
Saskatchewan	90.5	91.7	94.6	98.7	108.1	113.3	112.1	114.3	
Alberta	175.0	175.7	186.2	194.7	208.1	212.2	234.8	226.5	
British Columbia	297.6	317.6	297.9	334.6	328.5	335.9	339.0	345.8	
Northwest Territories	2.6	3.0	3.3	3.4	3.1	2.4	2.6	2.0	
Yukon	2.8	3.1	3.8	3.2	2.7	2.8	2.5	2.0	
Nunavut	-	-	-	-	-	0.8	0.6	0.6	
Canada	2,164.0	2,101.0	2,235.0	2,411.0	2,645.0	2,688.0	2,687.0	2,711.0	

Note: N/A = Not available. DFO = Department of Fisheries and Oceans

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 not 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 Air Transport Security Authority.

4 Calendar year basis.

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.

F Forecast as of January 31, 2003, for full year.

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

TABLE A3-5: TRANSPORT EXPENDITURE/REVENUES BY MODE AND LEVELS OF GOVERNMENT, 1996/97 – 2002/03

	(Millions of dollars)						
	1996/97	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03 <sup>F</sup>
<b>Federal Operation, Maintenance, Capital and Subsidies<sup>1</sup></b>							
Air	1,450	1,102	594	356	364	469	618
Marine	827	812	692	799	804	792	794
Rail	281	267	252	221	282	360	309
Road	740	1,032	536	396	323	403	548
Other	220	234	233	222	234	300	268
Subtotal	3,519	3,447	2,307	1,995	2,007	2,324	2,537
<b>Provinces/Territories<sup>2</sup></b>							
Air	96	76	75	66	72	72	N/A
Marine	73	92	120	1,259	176	183	N/A
Rail	11	2	2	5	21	27	N/A
Road	5,472	5,271	5,810	6,623	6,330	6,229	N/A
Transit	1,376	1,384	1,797	677	668	928	N/A
Other	158	163	191	206	222	245	N/A
Subtotal	7,186	6,988	7,995	8,838	7,489	7,685	N/A
<b>Local<sup>2</sup></b>							
Road	5,443	5,630	5,588	5,667	6,268	7,088	N/A
Transit	1,250	1,357	1,288	1,877	1,923	1,819	N/A
Other	116	156	132	195	290	300	N/A
Subtotal	6,808	7,143	7,008	7,740	8,481	9,207	N/A
<b>Total Expenses: All Government Levels</b>							
Air	1,546	1,178	669	423	437	541	N/A
Marine	900	904	812	2,059	980	975	N/A
Rail	292	269	254	226	302	387	N/A
Road	11,655	11,933	11,934	12,687	12,922	13,720	N/A
Transit	2,626	2,741	3,085	2,554	2,591	2,747	N/A
Other	494	554	556	623	745	845	N/A
Subtotal	17,513	17,579	17,310	18,572	17,977	19,215	N/A
<b>Government Revenues from Transport Users<sup>3</sup></b>							
Road Users	11,469	12,060	12,724	12,848	12,704	12,897	N/A
Other Modes	1,837	1,520	1,174	936	884	869	N/A
Multimodal	26	8	14	16	17	11	N/A
<b>Total</b>	<b>13,332</b>	<b>13,589</b>	<b>13,912</b>	<b>13,800</b>	<b>13,605</b>	<b>13,777</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 Forecast as of January 31, 2003, for full year.

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 – 2001/02

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
Newfoundland and Labrador	265	205	215	202	179	151	164	(140)	227	252	295	296
Prince Edward Island	75	79	77	61	57	66	62	76	81	88	90	89
Nova Scotia	378	392	402	368	305	336	315	335	288	289	293	350
New Brunswick	424	420	442	412	430	435	403	432	431	439	352	388
Quebec	3,141	3,181	3,371	3,356	3,514	3,455	3,215	3,314	3,272	3,498	3,701	4,349
Ontario	4,674	5,020	4,858	4,952	5,265	5,586	5,284	5,493	5,653	5,326	5,489	5,659
Manitoba	516	490	499	443	499	574	532	518	563	531	540	576
Saskatchewan	489	435	398	381	407	438	405	463	473	531	592	644
Alberta	1,816	1,710	1,700	1,703	1,515	1,524	1,392	1,569	1,671	1,960	2,132	2,344
British Columbia	1,755	1,921	1,825	1,795	1,895	2,038	2,039	1,893	2,170	3,475	2,313	2,257
Northwest Territories	75	102	94	99	96	117	122	116	118	88	84	103
Yukon	51	44	69	57	57	58	62	60	56	56	54	69
Nunavut	-	-	-	-	-	-	-	-	-	45	36	37
<b>Canada</b>	<b>13,660</b>	<b>13,999</b>	<b>13,951</b>	<b>13,828</b>	<b>14,219</b>	<b>14,779</b>	<b>13,994</b>	<b>14,131</b>	<b>15,003</b>	<b>16,577</b>	<b>15,970</b>	<b>17,160</b>

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

Population by Province (Thousands 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
Newfoundland and Labrador	578	580	580	579	573	566	559	552	544	540	537	533
Prince Edward Island	130	130	131	133	134	135	136	137	137	138	138	139
Nova Scotia	911	916	920	924	927	929	932	935	937	941	942	943
New Brunswick	741	746	749	750	751	752	753	754	754	756	756	756
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
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
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
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
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
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
Northwest Territories	59	61	63	64	66	67	68	68	68	41	41	41
Yukon	28	29	30	30	30	31	32	32	31	31	30	30
Nunavut	-	-	-	-	-	-	-	-	-	27	28	28
<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>30,314</b>	<b>30,580</b>	<b>30,871</b>	<b>31,186</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
Newfoundland and Labrador	458	354	371	349	313	266	293	(253)	418	466	550	556
Prince Edward Island	575	602	583	460	424	487	454	557	594	639	650	637
Nova Scotia	415	428	437	398	329	362	338	358	307	307	311	371
New Brunswick	571	563	590	549	573	578	535	573	571	581	466	513
Quebec	448	449	473	468	487	477	441	453	446	475	501	586
Ontario	452	480	458	462	485	508	474	487	495	460	467	474
Manitoba	466	442	448	396	443	508	469	456	494	464	471	501
Saskatchewan	487	434	396	378	402	432	397	453	461	518	580	634
Alberta	710	657	643	635	558	554	498	549	572	659	706	763
British Columbia	530	565	522	499	511	535	523	477	542	861	568	549
Northwest Territories	1,261	1,668	1,501	1,547	1,470	1,755	1,799	1,720	1,752	2,150	2,060	2,499
Yukon	1,823	1,518	2,287	1,876	1,899	1,868	1,945	1,883	1,785	1,825	1,759	2,293
Nunavut	-	-	-	-	-	-	-	-	-	1,656	1,289	1,308
<b>Canada</b>	<b>492</b>	<b>498</b>	<b>490</b>	<b>480</b>	<b>488</b>	<b>502</b>	<b>470</b>	<b>470</b>	<b>495</b>	<b>542</b>	<b>517</b>	<b>550</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 – 2001/02**  
(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
	<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	12.7	10.4
Provincial Transfer Payments	1.0	-	-	-	-	-	-	0.3	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	13.1	10.9
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)	(0.5)
Net Provincial Expenditures	7.4	9.5	9.4	10.1	10.4	11.0	15.4	8.2	8.7	10.6	13.0	10.4
<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
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
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
Federal Transfers to Provinces	(8.8)	(4.3)	(8.0)	(0.8)	-	-	-	-	-	-	(6.6)	-
Net Provincial Expenditures	34.0	27.5	6.7	8.7	9.2	6.1	5.9	3.6	2.5	5.8	6.1	13.2
<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
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
<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	11.9
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
Provincial Expenditures	6.8	7.3	7.1	7.6	8.3	7.6	7.1	8.3	8.6	10.5	11.9	12.2
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)	-
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	12.2
<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
Provincial Transfer Payments	-	-	-	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
Federal Transfers to Provinces	-	-	-	-	-	(0.4)	(2.9)	(0.3)	(1.0)	(3.4)	(2.6)	(3.4)
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
<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
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
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
<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
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
Federal Transfers to Territories	(2.1)	(2.6)	(2.7)	(2.8)	(4.5)	-	(0.8)	-	(0.4)	-	(0.2)	(1.5)
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
<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	9.3
Territorial Expenditures	4.0	3.3	4.1	2.3	2.2	2.7	5.1	5.6	8.4	10.7	6.8	9.3
Federal Transfers to Territories	(1.9)	(1.9)	(2.4)	(1.0)	(0.8)	(0.9)	(0.9)	(1.0)	(1.0)	-	-	(3.5)
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	5.8
<b>Nunavut<sup>1</sup></b>												
Territorial Expenditures (O&M & Capital)	-	-	-	-	-	-	-	-	-	4.2	2.9	2.4
<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	75.4	74.4
Provincial/Territorial Transfer Payments	10.6	18.3	13.3	9.7	14.6	17.1	16.0	9.3	5.9	5.3	6.5	6.7
Provincial/Territorial Expenditures	118.7	117.4	99.2	91.0	89.1	105.1	102.2	77.7	78.2	72.3	81.9	81.1
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)	(9.6)	(8.9)
Net Provincial/Territorial Expenditures	103.4	106.4	83.8	84.0	82.0	102.1	96.3	75.7	75.1	66.1	72.3	72.2

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

<sup>1</sup> Territorial expenditures estimated by Transport Canada.

Source:

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; data is 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 – 2001/02**  
(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
<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	21.2	22.2
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	21.2	22.2
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	21.2	22.2
<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
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
<b>New Brunswick</b>												
Provincial Expenditures (O&M & Capital)	17.7	10.3	15.6	9.7	11.8	10.6	10.7	10.1	9.8	10.8	13.0	15.5
<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
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
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
<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
Provincial Transfer Payments	-	-	-	1.8	1.8	1.8	1.8	2.0	1.4	2.0	3.1	2.1
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
<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
<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
<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
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
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
<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
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
<b>Nunavut<sup>1</sup></b>												
Territorial Expenditures (O&M & Capital)	-	-	-	-	-	-	-	-	-	0.6	0.4	0.3
<b>Canada</b>												
O&M & Capital	72.5	87.7	88.9	55.4	58.7	50.1	50.6	47.8	50.7	52.1	57.1	67.5
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
Provincial/Territorial Expenditures	102.0	168.7	142.5	126.0	130.4	99.2	91.7	92.9	119.9	1,259.4	176.3	183.6
Federal Transfers to Provinces/Territories	(17.8)	(20.2)	(20.8)	-	(31.0)	(29.6)	(18.9)	(0.8)	-	-	-	(0.4)
Net Provincial/Territorial Expenditures	84.2	148.5	121.7	126.0	99.4	69.6	72.9	92.1	119.9	1,259.4	176.3	183.2

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

<sup>1</sup> Territorial expenditures estimated by Transport Canada.

Source:

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; data is 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 – 2001/02**  
(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		
	<b>New Brunswick</b>											
Provincial Expenditures (O&M & Capital)	-	0.6	0.5	0.6	0.5	1.3	1.3	0.5	0.5	0.5	0.4	0.7
<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
Provincial Expenditures	1.3	2.6	0.7	0.1	0.1	0.1	-	-	-	1.6	4.9	5.0
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
<b>Ontario</b>												
Provincial Expenditures (O&M & Capital)	-	-	-	-	-	-	-	-	-	0.5	0.5	0.5
Provincial Transfer Payments	-	-	-	20.1	17.7	24.3	8.2	-	-	1.1	13.9	19.4
Provincial Expenditures	-	-	-	20.1	17.7	24.3	8.2	-	-	1.6	14.4	19.9
<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
Provincial Expenditures	-	-	-	-	-	-	-	-	-	-	-	-
Federal Transfers to Provinces	-	-	0.8	1.1	1.0	1.0	1.1	1.2	1.1	1.7	1.0	1.3
Net Provincial Expenditures	-	-	-	-	-	-	-	-	-	-	-	-
<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	2.5	1.7	1.6	2.7	1.9	2.5
Provincial/Territorial Transfer Payments	13.2	14.5	14.7	20.1	17.7	24.3	8.2	-	-	2.7	18.8	24.4
Provincial/Territorial Expenditures	13.7	15.8	16.3	21.9	19.3	26.7	10.7	1.7	1.6	5.3	20.7	26.9
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	10.7	1.7	1.6	5.3	20.7	26.9

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

Source:

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; data is 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 – 2001/02**  
(Millions of dollars)

Roads and Bridges Mode (page 1 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
<b>Newfoundland and Labrador</b>												
Provincial Expenditures (O&M)	74	41	49	53	53	54	54	56	58	58	64	59
Provincial Expenditures (Capital)	110	111	89	87	90	66	70	109	122	141	150	138
Provincial Transfer Payments <sup>2</sup>	13	12	22	15	19	12	10	12	14	14	14	14
Gross Provincial Expenditures	197	163	159	155	163	132	135	178	194	213	229	211
Federal Transfers to Provinces	(46)	(67)	(58)	(59)	(63)	(55)	(66)	(411)	(66)	(64)	(52)	(50)
Net Provincial Expenditures	152	96	102	97	100	76	68	(233)	128	149	176	160
Local Expenditures <sup>3</sup>	88	94	110	89	94	84	72	80	81	83	95	112
Federal Transfers to Local Governments <sup>4</sup>	(1)	(1)	(3)	(1)	(2)	(1)	(1)	(2)	(2)	(2)	(1)	(2)
Net Local Expenditures	74	81	84	74	72	71	60	66	66	67	80	96
Total Road and Bridge Expenditures	225	177	186	170	172	148	129	(167)	194	216	256	257
<b>Prince Edward Island</b>												
Provincial Expenditures (O&M)	31	34	37	35	33	32	35	51	46	47	52	53
Provincial Expenditures (Capital)	37	42	38	26	25	27	26	25	30	33	26	26
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	79
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	79
Local Expenditures <sup>3</sup>	9	7	7	7	8	15	11	13	14	14	12	11
Federal Transfers to Local Governments <sup>4</sup>	-	(1)	(3)	(1)	(2)	(1)	(1)	(2)	(2)	(2)	(1)	(2)
Net Local Expenditures	8	6	4	5	5	14	10	11	12	12	11	9
Total Road and Bridge Expenditures	75	78	76	61	57	66	62	76	80	87	89	88
<b>Nova Scotia</b>												
Provincial Expenditures (O&M)	129	131	126	126	118	109	119	123	120	118	137	130
Provincial Expenditures (Capital)	147	138	166	134	97	132	65	86	59	52	5	51
Provincial Transfer Payments <sup>2</sup>	9	11	9	10	13	17	9	10	14	1	2	-
Gross Provincial Expenditures	286	279	302	270	228	258	193	219	194	172	143	181
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	153	174	151	160	140	178
Local Expenditures <sup>3</sup>	97	96	91	88	90	99	152	155	131	109	134	152
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(0)	-	(4)	(4)	(1)	(4)	(3)	(1)	(0)	(0)
Net Local Expenditures	88	86	82	78	73	78	142	141	114	107	132	152
Total Road and Bridge Expenditures	348	356	373	338	283	311	295	315	264	267	272	330
<b>New Brunswick</b>												
Provincial Expenditures (O&M)	133	126	128	122	121	121	130	135	134	132	134	137
Provincial Expenditures (Capital)	183	193	187	212	228	278	254	236	198	206	91	118
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	387	375	338	341	225	255
Federal Transfers to Provinces	(24)	(20)	(6)	(50)	(47)	(96)	(98)	(71)	(40)	(35)	(10)	(15)
Net Provincial Expenditures	295	302	315	289	306	308	289	305	298	306	215	241
Local Expenditures <sup>3</sup>	108	104	111	113	114	115	113	115	119	118	118	124
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(1)	(2)	(5)	(2)	(2)	(2)	(1)	(1)	(2)	(2)
Net Local Expenditures	104	101	104	105	105	108	107	109	112	114	116	122
Total Road and Bridge Expenditures	400	403	419	394	410	416	396	413	410	419	330	362
<b>Quebec</b>												
Provincial Expenditures (O&M)	458	448	425	400	391	383	372	475	479	391	377	418
Provincial Expenditures (Capital)	494	498	640	518	488	424	439	461	582	733	762	918
Provincial Transfer Payments <sup>2</sup>	62	63	71	158	158	155	150	134	187	223	117	144
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
Federal Transfers to Provinces	(13)	(3)	(8)	(34)	(25)	(27)	(32)	(21)	(21)	(23)	(3)	(5)
Net Provincial Expenditures	1,000	1,006	1,128	1,042	1,013	934	928	1,049	1,227	1,324	1,253	1,475
Local Expenditures <sup>3</sup>	1,474	1,468	1,479	1,681	1,815	1,847	1,750	1,697	1,577	1,714	1,821	2,226
Federal Transfers to Local Governments <sup>4</sup>	(4)	(4)	(4)	(4)	(4)	(2)	(2)	(3)	(4)	(4)	(4)	(4)
Net Local Expenditures	1,407	1,401	1,404	1,519	1,653	1,691	1,599	1,561	1,386	1,487	1,700	2,079
Total Road and Bridge Expenditures	2,408	2,407	2,532	2,560	2,666	2,625	2,527	2,610	2,613	2,811	2,953	3,553

Note: 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.

Source:

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; data is 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 – 2001/02**  
(Millions of dollars)

<b>Roads and Bridges Mode</b> (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
<b>Ontario</b>												
Provincial Expenditures (O&M)	683	767	682	586	573	553	541	517	548	500	487	498
Provincial Expenditures (Capital)	450	443	466	604	884	1,075	1,093	1,060	908	839	991	846
Provincial Transfer Payments <sup>2</sup>	751	819	755	708	677	647	303	395	180	45	24	26
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
Federal Transfers to Provinces	(0)	(1)	-	-	(13)	(17)	(18)	(33)	(25)	(4)	(6)	(3)
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
Local Expenditures <sup>3</sup>	2,353	2,363	2,259	2,262	2,358	2,500	2,182	2,351	2,273	2,443	2,460	2,793
Federal Transfers to Local Governments <sup>4</sup>	(12)	(10)	(10)	(11)	(50)	(96)	(76)	(46)	(41)	(25)	(22)	(22)
Net Local Expenditures	1,590	1,534	1,494	1,543	1,631	1,757	1,804	1,911	2,052	2,373	2,413	2,744
Total Road and Bridge Expenditures	3,474	3,562	3,397	3,442	3,751	4,014	3,721	3,849	3,664	3,753	3,910	4,112
<b>Manitoba</b>												
Provincial Expenditures (O&M)	117	118	120	117	124	132	129	135	144	149	149	155
Provincial Expenditures (Capital)	103	95	94	87	97	93	87	81	101	102	92	97
Provincial Transfer Payments <sup>2</sup>	11	6	10	3	14	16	10	26	18	17	12	13
Gross Provincial Expenditures	231	219	224	208	235	241	226	241	262	269	253	265
Federal Transfers to Provinces	(6)	(3)	(2)	(14)	(12)	(6)	(4)	(0)	(0)	(0)	(0)	-
Net Provincial Expenditures	225	216	222	194	223	234	222	241	262	268	253	265
Local Expenditures <sup>3</sup>	232	208	211	196	231	305	254	249	237	198	219	241
Federal Transfers to Local Governments <sup>4</sup>	(3)	(1)	(1)	(1)	(8)	(13)	(2)	(10)	(2)	(0)	(0)	(2)
Net Local Expenditures	218	200	201	191	209	276	242	214	218	181	207	226
Total Road and Bridge Expenditures	443	416	423	385	432	510	464	455	480	449	459	491
<b>Saskatchewan</b>												
Provincial Expenditures (O&M)	123	121	103	113	115	121	120	149	163	174	209	216
Provincial Expenditures (Capital)	100	73	57	63	60	45	45	63	65	53	57	85
Provincial Transfer Payments <sup>2</sup>	51	43	40	39	35	36	36	22	24	31	31	30
Gross Provincial Expenditures	274	237	200	215	210	202	200	233	253	258	297	331
Federal Transfers to Provinces	(2)	(0)	-	(8)	(8)	(8)	(10)	(14)	(11)	(4)	(4)	(14)
Net Provincial Expenditures	272	237	200	207	202	194	191	219	242	255	293	316
Local Expenditures <sup>3</sup>	246	223	218	194	221	260	230	254	243	284	301	336
Federal Transfers to Local Governments <sup>4</sup>	(0)	(1)	(1)	(1)	(1)	(2)	(1)	(8)	(9)	(2)	(9)	(18)
Net Local Expenditures	194	179	177	155	185	222	194	224	210	251	261	288
Total Road and Bridge Expenditures	466	416	377	362	387	416	384	443	452	506	554	605
<b>Alberta</b>												
Provincial Expenditures (O&M)	162	151	138	392	375	379	284	281	329	346	435	119
Provincial Expenditures (Capital)	401	369	351	168	120	119	108	128	178	180	318	439
Provincial Transfer Payments <sup>2</sup>	173	136	117	141	146	146	163	209	169	622	275	235
Gross Provincial Expenditures	737	656	605	700	641	644	554	618	676	1,148	1,028	793
Federal Transfers to Provinces	(3)	(3)	(1)	(10)	(9)	(13)	(11)	(1)	(1)	(1)	(1)	(0)
Net Provincial Expenditures	734	653	604	690	632	630	544	617	675	1,147	1,027	793
Local Expenditures <sup>3</sup>	979	900	916	881	828	863	820	949	936	1,176	1,070	1,059
Federal Transfers to Local Governments <sup>4</sup>	(2)	(1)	(6)	(3)	(7)	(41)	(32)	(40)	(20)	(22)	(9)	(10)
Net Local Expenditures	803	764	793	737	675	676	626	701	746	533	786	814
Total Road and Bridge Expenditures	1,537	1,417	1,398	1,427	1,307	1,307	1,170	1,318	1,421	1,680	1,813	1,607
<b>British Columbia</b>												
Provincial Expenditures (O&M)	500	554	578	683	589	572	554	472	440	463	467	465
Provincial Expenditures (Capital)	499	475	234	170	380	498	456	353	624	811	662	564
Provincial Transfer Payments <sup>2</sup>	21	19	32	8	6	5	9	4	11	183	185	218
Gross Provincial Expenditures	1,020	1,048	844	860	975	1,075	1,019	830	1,076	1,457	1,313	1,248
Federal Transfers to Provinces	(8)	-	-	(16)	(6)	(7)	(6)	(7)	(0)	(0)	(3)	(3)
Net Provincial Expenditures	1,012	1,048	844	844	970	1,068	1,013	823	1,076	1,457	1,310	1,245
Local Expenditures <sup>3</sup>	486	479	527	547	549	595	643	674	657	699	717	734
Federal Transfers to Local Governments <sup>4</sup>	(3)	(2)	(2)	(2)	(3)	(7)	(2)	(13)	(4)	(5)	(1)	(1)
Net Local Expenditures	462	457	493	537	540	583	632	657	641	510	531	515
Total Road and Bridge Expenditures	1,474	1,505	1,337	1,381	1,510	1,651	1,645	1,480	1,717	1,967	1,841	1,759

Note: 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.

Source:

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; data is 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 – 2001/02**  
(Millions of dollars)

Roads and Bridges Mode (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
<b>Northwest Territories</b>												
Territorial Expenditures (O&M)	22	23	23	25	25	21	22	19	19	18	21	22
Territorial Expenditures (Capital)	14	26	19	27	21	20	23	15	13	24	15	27
Gross Territorial Expenditures	36	49	42	52	46	41	45	34	32	42	37	49
Federal Transfers to Local Governments	-	-	-	(2)	(4)	(3)	(2)	(2)	(0)	(0)	(0)	(0)
Net Territorial Expenditures	36	49	42	51	42	38	43	32	32	42	37	49
Local Expenditures <sup>3</sup>	16	16	14	16	17	22	23	24	24	15	13	17
Federal Transfers to Local Governments <sup>4</sup>	(0)	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	-	-
Net Local Expenditures	16	16	14	16	17	21	22	24	24	15	13	17
Total Road and Bridge Expenditures	51	66	57	67	59	59	65	56	56	57	50	66
<b>Yukon</b>												
Territorial Expenditures (O&M)	34	33	36	33	32	32	33	30	30	29	31	33
Territorial Expenditures (Capital)	16	12	26	33	52	53	45	22	20	25	27	42
Territorial Transfer Payments <sup>2</sup>	1	0	0	-	-	-	4	3	1	0	0	0
Gross Territorial Expenditures	52	45	62	65	84	85	82	55	50	55	58	75
Federal Transfers to Provinces	(12)	(12)	(3)	(20)	(39)	(39)	(31)	(14)	(10)	(19)	(22)	(26)
Net Territorial Expenditures	39	33	59	46	45	47	51	41	40	36	36	49
Local Expenditures <sup>3</sup>	10	9	8	9	11	8	10	16	8	9	9	12
Federal Transfers to Local Governments <sup>4</sup>	-	-	-	-	(1)	(0)	(0)	-	-	-	-	-
Net Local Expenditures	8	9	7	9	10	8	6	13	7	8	9	12
Total Road and Bridge Expenditures	48	41	66	54	55	55	57	54	47	45	45	61
<b>Nunavut<sup>1</sup></b>												
Territorial O&M	-	-	-	-	-	-	-	-	-	10.2	3.7	0.9
Territorial Transfer Payments <sup>2</sup>	-	-	-	-	-	-	-	-	-	13.0	12.1	12.3
Gross Territorial Expenditures	-	-	-	-	-	-	-	-	-	23.2	15.9	13.2
Local Expenditures <sup>3</sup>	-	-	-	-	-	-	-	-	-	22.2	21.7	25.9
Federal Transfers to Local Governments <sup>4</sup>	-	-	-	-	-	-	-	-	-	(0.0)	(0.2)	-
Net Local Expenditures	-	-	-	-	-	-	-	-	-	9.2	9.4	13.6
Total Road and Bridge Expenditures	-	-	-	-	-	-	-	-	-	32.3	25.3	26.9
<b>Canada</b>												
Provincial/Territorial Expenditures (O&M)	2,465	2,546	2,444	2,684	2,549	2,508	2,393	2,443	2,511	2,435	2,567	2,308
Provincial/Territorial Expenditures (Capital)	2,555	2,474	2,366	2,129	2,542	2,829	2,709	2,637	2,901	3,200	3,196	3,350
Provincial/Territorial Transfer Payments <sup>2</sup>	1,098	1,112	1,062	1,088	1,073	1,038	697	819	625	1,154	671	692
Gross Provincial/Territorial Expenditures	6,117	6,132	5,872	5,901	6,165	6,375	5,799	5,900	6,036	6,789	6,435	6,350
Federal Transfers to Provinces	(141)	(122)	(90)	(228)	(250)	(303)	(327)	(629)	(226)	(166)	(104)	(121)
Net Provincial/Territorial Expenditures	5,976	6,010	5,782	5,672	5,915	6,072	5,472	5,271	5,810	6,623	6,330	6,229
Local Expenditures <sup>3</sup>	6,097	5,967	5,950	6,084	6,334	6,712	6,261	6,578	6,301	6,884	6,991	7,845
Federal Transfers to Local Governments <sup>4</sup>	(27)	(21)	(31)	(27)	(87)	(169)	(121)	(129)	(88)	(63)	(52)	(65)
Net Local Expenditures	4,972	4,834	4,858	4,969	5,174	5,505	5,443	5,630	5,588	5,667	6,268	7,088
Total Road and Bridge Expenditures	10,948	10,844	10,640	10,641	11,090	11,577	10,915	10,901	11,398	12,291	12,598	13,317

Notes: 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.

Source:

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; data is 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 – 2001/02**  
(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
	<b>Newfoundland and Labrador</b>											
Local Expenditures	6.2	6.2	6.4	7.0	7.0	6.6	6.1	5.9	4.8	4.1	4.5	7.1
<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
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
<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	-	-	-	-
Provincial Expenditures	5.6	4.9	6.4	5.2	2.7	2.3	1.3	1.3	-	3.0	-	-
Local Expenditures	11.2	13.7	11.6	13.9	11.7	15.0	11.9	10.3	13.7	8.8	11.4	12.2
Transfers from Provinces	-	(0.6)	-	-	-	-	-	-	-	-	-	-
Net Local Expenditures	11.2	13.1	11.6	13.9	11.7	15.0	11.9	10.3	13.7	8.8	11.4	12.2
Total Transit Expenditures	16.8	18.0	18.0	19.1	14.4	17.4	13.2	11.6	13.7	11.8	11.4	12.2
<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	9.4	7.4	6.9	8.3
Total Transit Expenditures	6.0	6.1	6.8	6.7	7.1	6.4	6.6	7.5	9.4	7.4	6.9	8.3
<b>Quebec</b>												
Provincial Expenditures (O&M & Capital)	13	15	29	37	76	54	9	6	8	7	8	7
Provincial Transfer Payments	439	468	289	263	276	282	233	235	263	245	249	280
Provincial Expenditures	452	483	318	300	352	336	242	241	271	252	257	287
Local Expenditures	282	310	492	494	496	494	492	488	437	402	429	431
Transfers from Provinces	(138)	(199)	(138)	(171)	(170)	(170)	(175)	(161)	(181)	(164)	(128)	(136)
Net Local Expenditures	144	111	354	324	326	325	317	327	255	238	302	295
Total Transit Expenditures	595	594	672	623	678	661	559	568	526	490	559	582
<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
Provincial Expenditures	1,094	610	618	624	683	660	730	737	1,079	85	40	89
Local Expenditures	705	712	780	751	802	835	820	915	1,396	1,349	1,295	1,259
Transfers from Provinces	(686)	(11)	(37)	(29)	(120)	(95)	(128)	(129)	(620)	(19)	(40)	(88)
Net Local Expenditures	19	701	743	722	682	740	693	787	777	1,330	1,255	1,171
Total Transit Expenditures	1,113	1,311	1,361	1,346	1,365	1,400	1,422	1,523	1,856	1,415	1,295	1,260
<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
Local Expenditures	36.8	37.4	39.8	22.6	26.9	28.3	27.3	30.5	38.2	38.2	38.7	39.0
Transfers from Provinces	(1.6)	-	(1.8)	(0.3)	(1.7)	(3.9)	(5.6)	(0.7)	(2.0)	-	(3.0)	(1.5)
Net Local Expenditures	35.3	37.4	38.0	22.3	25.2	24.4	21.7	29.7	36.2	38.2	35.7	37.5
Total Transit Expenditures	56.7	59.6	59.9	40.8	49.7	42.9	41.7	47.8	60.0	62.8	58.2	58.5
<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	5.4	2.2
Local Expenditures	17.9	14.5	15.4	13.6	14.2	15.1	15.2	14.2	15.4	17.8	18.6	20.9
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)
Net Local Expenditures	17.6	13.9	15.0	11.6	12.2	13.0	13.0	12.0	13.3	15.6	18.6	19.3
Total Transit Expenditures	17.9	14.5	15.5	13.7	14.3	15.1	15.2	14.2	15.4	17.8	24.0	21.4
<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
Local Expenditures	171.7	189.6	201.2	217.9	167.4	169.7	172.1	176.0	158.8	170.5	174.4	276.0
Transfers from Provinces	-	-	-	(2.0)	-	-	-	-	-	-	-	(120.6)
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	155.4
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	390.7
<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	262.2	264.7	293.2
Local Expenditures	93.2	141.7	105.1	138.7	109.1	118.3	122.2	123.4	132.3	62.3	113.2	110.7
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	62.3	113.2	110.7
Total Transit Expenditures	260.3	341.3	413.5	341.4	330.4	360.9	370.3	374.7	405.6	324.6	377.9	403.9
<b>Northwest Territories</b>												
Local Expenditures	-	-	-	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.5

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

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

Source:

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; data is 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 – 2001/02**  
(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
<b>Yukon</b>												
Territorial Transfer Payments	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.0	0.0	-
Local Expenditures	0.8	0.8	0.9	0.9	0.9	1.2	0.9	1.2	1.2	1.2	1.5	2.3
Total Transit Expenditures	1.4	1.3	1.4	1.5	1.4	1.7	1.3	1.6	1.5	1.3	1.5	2.3
<b>Canada</b>												
Provincial/Territorial Expenditures (O&M & Capital)	17	20	31	40	76	56	10	7	8	11	8	7
Provincial/Territorial Transfer Payments	1,807	1,361	1,273	1,177	1,240	1,245	1,366	1,377	1,789	666	660	921
Provincial/Territorial Expenditures	1,824	1,381	1,304	1,216	1,316	1,301	1,376	1,384	1,797	677	668	928
Local Expenditures	1,331	1,433	1,659	1,667	1,642	1,690	1,675	1,772	2,207	2,062	2,094	2,168
Transfers from Provinces/Territories	(875)	(240)	(177)	(246)	(319)	(298)	(425)	(416)	(920)	(185)	(171)	(348)
Net Local Expenditures	456	1,193	1,482	1,421	1,324	1,392	1,250	1,357	1,288	1,877	1,923	1,819
Total Transit Expenditures	2,279	2,574	2,786	2,638	2,640	2,693	2,626	2,741	3,085	2,554	2,591	2,747

Note: 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.

Source:

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; data is 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 – 2001/02**  
(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
<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	1.2	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	1.2	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	0.5
Local Expenditures	-	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.0	1.2	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	1.4	0.4	0.5
<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	4.6	4.9
Total Other Expenses	5.9	10.4	4.0	4.2	2.8	3.5	3.0	3.5	5.4	5.0	4.6	4.9
<b>New Brunswick</b>												
Local Expenditures	0.2	0.2	0.3	0.4	0.3	1.0	1.4	0.8	0.7	0.7	1.4	0.8
<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
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
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
Local Expenditures	5.5	5.5	3.3	9.8	3.1	4.2	5.0	19.7	11.3	54.6	38.1	44.5
Total Other Expenses	65.6	112.4	123.6	128.7	120.7	121.3	84.2	93.3	89.4	145.1	132.5	146.0
<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
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
Local Expenditures	50.1	52.9	45.4	52.9	51.1	62.2	53.6	46.9	47.7	61.9	163.2	153.1
Total Other Expenses	60.6	91.5	69.0	114.6	100.1	115.3	106.2	104.5	116.4	141.1	253.2	249.7
<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	1.1
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	1.1
Local Expenditures	3.5	1.0	3.3	3.6	8.2	13.1	17.7	6.1	6.4	6.2	10.0	13.3
Total Other Expenses	9.0	6.4	8.8	9.5	8.8	13.8	19.0	7.5	11.6	7.1	10.9	14.4
<b>Saskatchewan</b>												
Local Expenditures	1.6	1.5	1.9	1.4	1.3	2.4	1.3	1.2	1.2	1.7	9.3	13.0
<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
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
Local Expenditures	7.7	9.5	9.5	13.7	13.2	16.7	9.4	37.0	25.9	30.1	34.0	36.0
Total Other Expenses	64.1	65.0	64.2	32.9	30.4	32.6	28.0	60.3	55.5	57.8	62.9	71.8
<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	23.0	19.6	21.7
Total Other Expenses	14.9	14.0	22.4	16.6	15.8	14.9	17.6	32.7	22.6	23.0	19.6	21.7
<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	9.9
Federal Transfers to Provinces	-	-	-	(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	9.9
Local Expenditures	0.1	5.8	6.0	7.1	8.2	7.2	8.9	8.3	9.1	2.2	2.1	4.7
Total Other Expenses	3.5	8.8	9.1	8.1	8.0	7.3	12.9	15.3	18.4	9.8	9.1	14.6
<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	0.2
<b>Canada</b>												
Provincial/Territorial Expenditures (O&M & Capital)	139	183	204	205	188	190	157	163	181	200	220	244
Provincial/Territorial Transfer Payments	4	27	3	4	2	2	2	2	10	6	2	2
Gross Provincial/Territorial Expenditures	142	210	208	209	190	193	159	165	191	206	222	245
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
Local Expenditures	90	101	96	110	102	123	116	156	132	195	290	300
Total Other Expenses	232	311	304	317	288	312	274	320	323	401	511	545

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

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

Source:

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; data is 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 – 2001/02**  
(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
<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	90.3	83.1
Provincial Expenditures (Capital)	119.2	113.2	91.4	89.7	94.2	68.1	75.6	112.0	127.5	147.5	158.1	146.1
Provincial Transfer Payments	14.9	11.5	22.2	14.6	19.1	11.7	10.4	12.7	14.0	14.4	14.5	14.4
Gross Provincial Expenditures	232.4	187.4	184.9	181.5	195.1	158.6	169.6	200.3	221.9	244.2	262.9	243.7
Federal Transfers to Provinces	(47.3)	(70.0)	(60.2)	(60.3)	(95.1)	(85.6)	(72.3)	(411.5)	(66.2)	(64.5)	(52.3)	(50.8)
Net Provincial Expenditures	185.1	117.4	124.7	121.2	100.0	73.0	97.4	(211.3)	155.7	179.6	210.5	192.9
Local Expenditures	94.0	99.9	116.2	96.5	100.9	90.4	77.7	85.9	87.2	88.0	99.8	119.3
Federal Transfers to Local Governments	(0.6)	(0.8)	(3.3)	(1.3)	(2.4)	(0.9)	(1.1)	(2.1)	(1.9)	(1.8)	(1.4)	(1.9)
Transfers from Provinces	(13.4)	(11.5)	(22.2)	(14.6)	(19.1)	(11.7)	(10.4)	(12.3)	(13.6)	(14.0)	(14.0)	(14.0)
Net Local Expenditures	80.1	87.7	90.8	80.6	79.5	77.8	66.1	71.5	71.6	72.2	84.5	103.4
Total Local and Provincial Expenditures	265.2	205.1	215.4	201.8	179.4	150.7	163.5	(139.8)	227.4	251.9	295.0	296.3
<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	53.0
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	26.2
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	79.3
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	79.3
Local Expenditures	9.1	6.9	7.7	6.8	8.2	15.4	11.4	12.9	15.5	15.0	12.4	11.3
Federal Transfers to Local Governments	-	(0.8)	(3.3)	(1.3)	(2.4)	(0.9)	(1.1)	(2.1)	(1.9)	(1.8)	(1.4)	(1.9)
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	5.9	3.8	5.1	5.1	14.0	10.0	10.7	13.4	13.1	11.1	9.4
Total Local and Provincial Expenditures	75.1	78.5	76.5	61.0	56.8	65.8	61.9	76.3	81.4	88.1	89.9	88.6
<b>Nova Scotia</b>												
Provincial Expenditures (O&M)	136	137	132	131	124	116	125	128	125	125	142	135
Provincial Expenditures (Capital)	150	140	169	135	97	132	65	86	59	53	5	51
Provincial Transfer Payments	13	14	14	14	16	19	11	12	14	1	2	-
Gross Provincial Expenditures	299	292	315	281	238	267	201	225	198	179	148	185
Federal Transfers to Provinces	(25)	(9)	(10)	(10)	(18)	(25)	(40)	(45)	(43)	(11)	(3)	(4)
Net Provincial Expenditures	274	283	305	271	220	242	161	180	156	168	145	181
Local Expenditures	114	120	106	106	102	116	165	169	150	122	150	169
Federal Transfers to Local Governments	(0)	(0)	(0)	-	(4)	(4)	(1)	(4)	(3)	(1)	(0)	(0)
Transfers from Provinces	(9)	(11)	(9)	(10)	(13)	(17)	(9)	(10)	(14)	(1)	(2)	-
Net Local Expenditures	104	109	97	96	85	95	154	155	133	120	148	169
Total Local and Provincial Expenditures	378	392	402	368	305	336	315	335	288	289	293	350
<b>New Brunswick</b>												
Provincial Expenditures (O&M)	142	135	138	131	131	131	140	144	143	142	144	147
Provincial Expenditures (Capital)	192	194	194	213	230	280	256	237	199	207	94	124
Provincial Transfer Payments	4	3	5	6	5	4	3	5	6	4	-	-
Gross Provincial Expenditures	338	332	337	350	365	415	399	386	348	352	238	272
Federal Transfers to Provinces	(24)	(20)	(6)	(50)	(47)	(96)	(111)	(71)	(40)	(35)	(10)	(15)
Net Provincial Expenditures	313	313	331	299	318	320	288	315	308	317	228	257
Local Expenditures	114	111	118	120	122	122	121	124	129	126	126	133
Federal Transfers to Local Governments	(0)	(0)	(1)	(2)	(5)	(2)	(2)	(2)	(1)	(1)	(2)	(2)
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	122	124	131
Total Local and Provincial Expenditures	424	420	442	412	430	435	403	432	431	439	352	388
<b>Quebec</b>												
Provincial Expenditures (O&M)	556	578	563	532	508	493	454	554	563	487	477	529
Provincial Expenditures (Capital)	514	523	670	551	576	493	450	463	585	739	775	932
Provincial Transfer Payments	537	570	393	456	473	478	422	411	494	515	418	476
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
Federal Transfers to Provinces	(22)	(8)	(16)	(35)	(25)	(27)	(32)	(21)	(21)	(23)	(9)	(5)
Net Provincial Expenditures	1,585	1,663	1,609	1,504	1,532	1,436	1,294	1,407	1,620	1,718	1,661	1,931
Local Expenditures	1,761	1,784	1,974	2,185	2,314	2,346	2,247	2,205	2,025	2,171	2,289	2,702
Federal Transfers to Local Governments	(4)	(4)	(4)	(4)	(4)	(2)	(2)	(3)	(4)	(4)	(4)	(4)
Transfers from Provinces	(200)	(262)	(209)	(329)	(328)	(325)	(325)	(294)	(368)	(387)	(245)	(280)
Net Local Expenditures	1,557	1,518	1,762	1,852	1,982	2,019	1,920	1,908	1,653	1,780	2,040	2,418
Total Local and Provincial Expenditures	3,141	3,181	3,371	3,356	3,514	3,455	3,215	3,314	3,272	3,498	3,701	4,349

Note: Figures may vary from previous reports, as adjustments have been made. O&M: Operating and Maintenance  
6 Includes overhead expenses and some expenditures on communication at the local level.

Source:

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; data is 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 – 2001/02**  
(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 2000/01 2001/02		
	<b>Ontario</b>											
Provincial Expenditures (O&M)	717	808	726	661	634	618	602	586	624	586	589	607
Provincial Expenditures (Capital)	456	467	468	611	890	1,083	1,099	1,061	912	843	993	849
Provincial Transfer Payments	1,843	1,457	1,382	1,362	1,391	1,342	1,051	1,135	1,266	136	81	137
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
Federal Transfers to Provinces	(0)	(1)	-	-	(13)	(17)	(18)	(33)	(25)	(4)	(6)	(3)
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
Local Expenditures	3,108	3,128	3,084	3,067	3,211	3,397	3,056	3,314	3,717	3,854	3,917	4,206
Federal Transfers to Local Governments	(12)	(10)	(10)	(11)	(50)	(96)	(76)	(46)	(41)	(25)	(22)	(22)
Transfers from Provinces	(1,436)	(830)	(791)	(738)	(797)	(741)	(430)	(523)	(800)	(64)	(64)	(115)
Net Local Expenditures	1,659	2,288	2,282	2,318	2,364	2,560	2,550	2,744	2,876	3,765	3,831	4,068
Total Local and Provincial Expenditures	4,674	5,020	4,858	4,952	5,265	5,586	5,284	5,493	5,653	5,326	5,489	5,659
<b>Manitoba</b>												
Provincial Expenditures (O&M)	128	129	132	130	132	139	136	143	151	157	158	164
Provincial Expenditures (Capital)	104	97	96	89	98	93	88	82	102	105	95	101
Provincial Transfer Payments	33	29	32	22	39	35	31	44	50	45	35	34
Gross Provincial Expenditures	266	255	259	241	269	267	255	269	303	308	288	299
Federal Transfers to Provinces	(6)	(4)	(2)	(14)	(13)	(7)	(4)	(0)	(0)	(2)	(1)	-
Net Provincial Expenditures	260	252	257	226	256	261	251	269	302	305	288	299
Local Expenditures	273	246	254	222	266	346	299	286	282	243	268	293
Federal Transfers to Local Governments	(3)	(1)	(1)	(1)	(8)	(13)	(2)	(10)	(2)	(0)	(0)	(2)
Transfers from Provinces	(13)	(6)	(11)	(4)	(16)	(20)	(15)	(26)	(20)	(17)	(15)	(14)
Net Local Expenditures	257	239	242	217	242	313	281	250	260	225	252	277
Total Local and Provincial Expenditures	516	490	499	443	499	574	532	518	563	531	540	576
<b>Saskatchewan</b>												
Provincial Expenditures (O&M)	126	124	106	117	119	125	124	153	167	179	214	221
Provincial Expenditures (Capital)	101	74	58	63	60	46	48	64	66	57	59	88
Provincial Transfer Payments	52	44	40	41	37	38	38	24	27	34	36	32
Gross Provincial Expenditures	278	241	204	221	217	209	210	241	260	269	310	341
Federal Transfers to Provinces	(2)	(0)	-	(8)	(8)	(8)	(12)	(15)	(12)	(7)	(7)	(18)
Net Provincial Expenditures	276	241	204	213	208	201	197	226	248	262	303	323
Local Expenditures	265	239	235	209	236	277	247	269	260	304	329	370
Federal Transfers to Local Governments	(0)	(1)	(1)	(1)	(1)	(2)	(1)	(8)	(9)	(2)	(9)	(18)
Transfers from Provinces	(52)	(44)	(40)	(41)	(37)	(38)	(38)	(24)	(27)	(33)	(31)	(31)
Net Local Expenditures	213	194	194	168	198	238	208	237	224	269	289	321
Total Local and Provincial Expenditures	489	435	398	381	407	438	405	463	473	531	592	644
<b>Alberta</b>												
Provincial Expenditures (O&M)	219	209	195	414	396	397	302	301	352	368	456	143
Provincial Expenditures (Capital)	405	373	353	169	121	119	111	133	186	187	328	453
Provincial Transfer Payments	212	168	148	163	151	159	183	221	204	672	355	473
Gross Provincial Expenditures	836	750	696	746	668	675	595	655	741	1,227	1,138	1,069
Federal Transfers to Provinces	(3)	(3)	(1)	(10)	(9)	(14)	(11)	(1)	(1)	(1)	(1)	(0)
Net Provincial Expenditures	833	747	695	736	659	662	585	654	740	1,227	1,138	1,069
Local Expenditures	1,158	1,100	1,126	1,113	1,008	1,049	1,002	1,163	1,121	1,377	1,278	1,371
Federal Transfers to Local Governments	(2)	(1)	(6)	(3)	(7)	(41)	(32)	(40)	(20)	(22)	(9)	(10)
Transfers from Provinces	(173)	(136)	(117)	(143)	(146)	(146)	(163)	(209)	(169)	(622)	(275)	(356)
Net Local Expenditures	983	963	1,004	967	856	863	807	915	931	734	995	1,005
Total Local and Provincial Expenditures	1,816	1,710	1,700	1,703	1,515	1,524	1,392	1,569	1,671	1,960	2,132	2,075
<b>British Columbia</b>												
Provincial Expenditures (O&M)	508	562	587	696	589	572	554	472	440	463	467	465
Provincial Expenditures (Capital)	504	479	258	175	382	498	456	353	624	811	662	564
Provincial Transfer Payments	248	313	379	289	289	287	378	385	424	1,606	523	584
Gross Provincial Expenditures	1,259	1,355	1,224	1,160	1,261	1,357	1,387	1,211	1,489	2,879	1,652	1,613
Federal Transfers to Provinces	(26)	(19)	(20)	(16)	(6)	(7)	(6)	(7)	(0)	(0)	(3)	(3)
Net Provincial Expenditures	1,234	1,336	1,205	1,144	1,255	1,350	1,382	1,204	1,489	2,879	1,649	1,610
Local Expenditures	594	634	654	703	674	728	783	830	811	784	850	867
Federal Transfers to Local Governments	(3)	(2)	(2)	(2)	(3)	(7)	(2)	(13)	(4)	(5)	(1)	(1)
Transfers from Provinces	(70)	(47)	(32)	(50)	(31)	(33)	(123)	(128)	(126)	(183)	(185)	(218)
Net Local Expenditures	521	585	620	651	640	688	658	689	682	596	664	647
Total Local and Provincial Expenditures	1,755	1,921	1,825	1,795	1,895	2,038	2,039	1,893	2,170	3,475	2,313	2,257

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

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

Source:

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; data is 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 – 2001/02**  
(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
<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	50.2
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	32.5
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	82.7
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)
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	81.0
Local Expenditures	16.2	22.0	20.4	23.7	25.8	29.2	31.8	32.0	33.6	17.6	15.9	22.1
Federal Transfers to Local Governments	(0.0)	(0.0)	(0.1)	(0.1)	(0.2)	(0.8)	(0.3)	(0.0)	(0.2)	(0.0)	-	-
Transfers from Provinces	-	-	-	-	-	-	-	-	-	-	-	-
Net Local Expenditures	16.1	22.0	20.4	23.6	25.6	28.4	31.4	32.0	33.5	17.6	15.9	22.1
Total Local and Territorial Expenditures	74.9	102.3	94.1	98.9	96.3	117.2	121.6	116.4	118.4	88.0	84.4	103.1
<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	38.5
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	45.6
Territorial Transfer Payments	1.9	1.0	0.9	0.5	0.5	0.5	4.4	3.5	1.2	0.4	0.2	0.1
Gross Territorial Expenditures	56.0	49.0	67.0	68.2	86.7	88.4	87.4	60.8	59.2	65.8	65.3	84.1
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)	(29.6)
Net Territorial Expenditures	41.7	34.7	61.2	47.4	46.9	49.0	55.5	46.0	48.1	46.8	43.1	54.5
Local Expenditures	10.8	10.2	8.6	9.8	11.5	9.3	10.8	17.5	8.8	10.0	10.6	14.6
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)
Net Local Expenditures	9.4	9.7	8.2	9.8	10.6	9.2	6.8	14.4	8.0	9.7	10.5	14.6
Total Local and Territorial Expenditures	51.2	44.4	69.4	57.2	57.5	58.2	62.3	60.4	56.1	56.5	53.6	69.1
<b>Nunavut<sup>2</sup></b>												
Territorial Expenditures (O&M)	-	-	-	-	-	-	-	-	-	15.0	7.0	3.7
Territorial Transfer Payments	-	-	-	-	-	-	-	-	-	13.0	12.1	12.3
Gross Territorial Expenditures	-	-	-	-	-	-	-	-	-	28.0	19.1	16.0
Local Expenditures	-	-	-	-	-	-	-	-	-	29.7	28.8	33.3
Federal Transfers to Local Governments	-	-	-	-	-	-	-	-	-	(0.0)	(0.2)	-
Transfers from Provinces	-	-	-	-	-	-	-	-	-	(13.0)	(12.1)	(12.3)
Net Local Expenditures	-	-	-	-	-	-	-	-	-	16.7	16.5	21.0
Total Local and Territorial Expenditures	-	-	-	-	-	-	-	-	-	44.7	35.7	37.0
<b>Canada</b>												
Provincial/Territorial Expenditures (O&M)	2,731	2,854	2,766	3,004	2,829	2,790	2,652	2,700	2,785	2,729	2,879	2,640
Provincial/Territorial Expenditures (Capital)	2,625	2,557	2,457	2,192	2,661	2,933	2,757	2,669	2,940	3,240	3,246	3,412
Provincial/Territorial Transfer Payments	2,961	2,614	2,419	2,369	2,420	2,376	2,130	2,253	2,499	3,041	1,477	1,762
Gross Provincial/Territorial Expenditures	8,317	8,025	7,642	7,564	7,910	8,099	7,539	7,621	8,225	9,010	7,603	7,815
Federal Transfers to Provinces	(174)	(153)	(126)	(237)	(291)	(340)	(353)	(633)	(229)	(172)	(114)	(130)
Net Provincial/Territorial Expenditures	8,143	7,871	7,515	7,327	7,619	7,759	7,186	6,988	7,995	8,838	7,489	7,684
Local Expenditures	7,517	7,501	7,705	7,861	8,079	8,525	8,051	8,507	8,641	9,142	9,374	10,312
Federal Transfers to Local Governments	(27)	(21)	(31)	(27)	(87)	(169)	(121)	(129)	(88)	(63)	(52)	(65)
Transfers from Provinces/Territories	(1,973)	(1,352)	(1,238)	(1,333)	(1,392)	(1,336)	(1,122)	(1,235)	(1,545)	(1,339)	(842)	(1,041)
Net Local Expenditures	5,518	6,128	6,436	6,501	6,600	7,020	6,808	7,143	7,008	7,740	8,481	9,207
Total Local and Provincial/Territorial Expenditures	13,660	13,999	13,951	13,828	14,219	14,779	13,994	14,131	15,003	16,577	15,970	16,891

Notes: 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 expenditures on communication at the local level.

Source:

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; data is on a calendar year basis.

**TABLE A4-1: TRANSPORTATION SAFETY MEASURES  
BY MODE, 1997 – 2002**

	<i>Aviation<sup>1</sup></i>	<i>Marine<sup>2</sup></i>	<i>Rail<sup>3</sup></i>	<i>Road<sup>4</sup></i>	<i>TDG<sup>5</sup></i>
<b>Accidents</b>					
2002	273	483	985	N/A	580
2001	295	517	1,060	154,268	436
2000	319	525	1,065	158,499	475
1999	341	604	1,129	153,720	479
1998	386	549	1,075	150,970	432
1997	356	594	1,116	152,764	383
Five-year average (1997 – 2001)	339.6	558.6	10,88.8	154,989	457
<b>Fatalities</b>					
2002	47	25	96	N/A	1
2001	61	34	99	2,778	0
2000	65	31	87	2,926	2
1999	65	29	106	2,969	2
1998	85	48	101	2,934	2
1997	77	24	109	3,063	3
Five-year average (1997 – 2001)	70.6	33.2	100.4	2,997	1.8
<b>Accident Rates</b>					
2002	7.3	3.0 <sup>e</sup>	10.9	N/A	N/A
2001	8.2	2.8	11.8	49.7	N/A
2000	7.5	3.1	13.3	51.0	N/A
1999	8.3	4.4	14.3	49.5	N/A
1998	9.6	4.3	13.6	48.6	N/A
1997	9.0	3.9	14.0	49.2	N/A
Five-year average (1997 – 2001)	9.0	3.7	12.1	49.9	N/A

Note: Preliminary data for 2002, N/A = Not available, e = estimated

1 Canadian-registered aircraft, other than ultralights. Accident rates per 100,000 hours flown.

2 Based on 1,000 commercial vessel trips.

3 Railways under the federal jurisdiction. Rates per million train-miles.

4 Road statistics relate to 2001 (most recent statistics) and the 1996 – 2000 five-year average. Road accidents are casualty collisions, which exclude collisions in which only property is damaged.

5 Rates per 100 million vehicle-kilometres.

5 Transportation of dangerous goods.

Source: Transportation Safety Board, Transport Canada and Statistics Canada

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-2: ACCIDENTS – RAILWAYS UNDER FEDERAL JURISDICTION, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Accidents</b>							
Main-track train collisions	12	14	10	9	7	8	10.4
Main-track train derailments	172	108	119	121	127	117	129.4
Crossings	307	273	283	263	278	261	280.8
Non main-track train collisions	113	114	100	113	86	113	105.2
Non main-track train derailments	322	388	403	387	385	346	377.0
Collisions/derailments involving track units	19	13	27	16	18	11	18.6
Employee/passenger	6	10	13	13	8	8	10.0
Trespassers	98	78	95	79	79	72	85.8
Fires/explosions	44	51	53	32	36	24	43.2
Rolling stock with object	5	11	14	7	14	8	10.2
Rolling stock with abandoned vehicle	3	1	1	12	5	3	4.4
Rolling stock damage without derail./coll.	15	14	11	12	17	14	13.8
<b>Total</b>	<b>1,116</b>	<b>1,075</b>	<b>1,129</b>	<b>1,064</b>	<b>1,060</b>	<b>985</b>	<b>1,088.8</b>
<b>Incidents</b>							
Dangerous goods leaker	285	272	167	188	194	167	221.2
Main-track switch in abnormal position	12	14	15	17	9	9	13.4
Movement exceeds limits of authority	104	107	115	102	94	94	104.4
Runaway rolling stock	16	20	15	9	10	19	14.0
Signal less restricted than required	1	9	8	2	7	3	5.4
Unprotected overlap of authorities	24	16	11	11	4	5	13.2
Crew member incapacitated	1	0	2	1	4	6	1.6
<b>Total</b>	<b>443</b>	<b>438</b>	<b>333</b>	<b>330</b>	<b>322</b>	<b>303</b>	<b>373.2</b>
Million train-miles <sup>1</sup>	<b>91.3</b>	<b>89.7</b>	<b>88.8</b>	<b>90.2</b>	<b>89.5</b>	<b>90.6</b>	<b>89.9</b>
Accidents/million train-miles	<b>12.2</b>	<b>12.0</b>	<b>12.7</b>	<b>11.8</b>	<b>11.8</b>	<b>10.9</b>	<b>12.1</b>
<b>Fatalities</b>							
Crossings	32	39	37	33	41	46	36.4
Trespassers	69	61	62	53	56	49	60.2
All others	8	1	7	1	2	1	3.8
<b>Total</b>	<b>109</b>	<b>101</b>	<b>106</b>	<b>87</b>	<b>99</b>	<b>96</b>	<b>100.4</b>
<b>Serious Injuries</b>							
Crossings	60	43	44	33	47	42	45.4
Trespassers	30	17	34	23	22	20	25.2
All others	11	15	18	10	19	8	14.6
<b>Total</b>	<b>101</b>	<b>75</b>	<b>96</b>	<b>66</b>	<b>88</b>	<b>70</b>	<b>85.2</b>
<b>Accidents Involving Dangerous Goods (DG)</b>	286	239	221	247	203	223	239.2
<b>Accidents with a DG Release</b>	7	5	7	6	4	3	5.8
<b>Accidents Involving Passenger Trains</b>	62	68	71	61	76	66	67.6
<b>Passenger Train Accidents per PTM<sup>2</sup></b>	4.2	8.3	8.5	7.0	8.5	7.5	7.3
<b>Federal Railroad Companies</b>	32	38	38	38	38	38	
<b>Federal Track Miles</b>	42,112	41,266	39,916	39,244	39,145	39,009	

1 Million train-miles include main track miles and yard switching miles. Numbers are estimated for 2002.

2 PTM = Passenger Train-Miles; estimated for 2002.

Notes: The reported occurrences cover only the federal jurisdiction. Canada's rail network was restructured in the mid-1990s.

In 2002, the rail network accounted for 83 per cent (with 37 federally regulated companies and 42 provincially), while the remaining 17 per cent were under provincial jurisdiction.

Figures are preliminary as of January 29, 2003.

For accident and reportable incident definitions, see Transportation Safety Board Regulation Web site:

<http://laws.justice.gc.ca/en/C-23.4/SOR-92-446/72208.html>.

Source: Transportation Safety Board, Transport Canada

**TABLE A4-3: ACCIDENTS BY PROVINCE – RAILWAYS UNDER FEDERAL JURISDICTION, 1997 – 2002**

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Accidents</b>							
Newfoundland and Labrador	2	2	0	3	3	2	2.0
Nova Scotia	11	9	13	9	19	11	12.2
New Brunswick	32	13	23	13	32	24	22.6
Quebec	193	186	200	169	164	153	182.4
Ontario	330	333	359	341	355	353	343.6
Manitoba	100	111	96	100	91	81	99.6
Saskatchewan	92	95	91	80	87	64	89.0
Alberta	183	192	183	203	159	169	184.0
Northwest Territories and Nunavut	0	0	2	0	1	1	0.6
British Columbia	173	134	162	146	149	127	152.8
<b>Total</b>	<b>1,116</b>	<b>1,075</b>	<b>1,129</b>	<b>1,064</b>	<b>1,060</b>	<b>985</b>	<b>1,088.8</b>
<b>Fatalities</b>							
Newfoundland and Labrador	0	0	0	0	0	0	0.0
Nova Scotia	0	0	0	1	3	0	0.8
New Brunswick	2	0	0	1	0	2	0.6
Quebec	18	18	27	18	13	18	18.8
Ontario	45	45	53	41	46	48	46.0
Manitoba	8	10	4	2	5	6	5.8
Saskatchewan	4	6	2	6	11	3	5.8
Alberta	9	12	12	7	13	11	10.6
Northwest Territories and Nunavut	0	0	0	0	0	0	0.0
British Columbia	23	10	8	11	8	8	12.0
<b>Total</b>	<b>109</b>	<b>101</b>	<b>106</b>	<b>87</b>	<b>99</b>	<b>96</b>	<b>100.4</b>
<b>Serious Injuries</b>							
Newfoundland and Labrador	0	0	0	0	0	0	0.0
Nova Scotia	2	1	0	0	9	2	2.4
New Brunswick	1	1	0	0	3	1	1.0
Quebec	17	10	11	12	8	9	11.6
Ontario	27	21	42	19	29	26	27.6
Manitoba	6	8	6	5	9	5	6.8
Saskatchewan	13	7	10	4	6	4	8.0
Alberta	24	17	17	16	16	14	18.0
Northwest Territories and Nunavut	0	0	0	0	1	0	0.2
British Columbia	11	10	10	10	7	7	9.6
<b>Total</b>	<b>101</b>	<b>75</b>	<b>96</b>	<b>66</b>	<b>88</b>	<b>68</b>	<b>85.2</b>

Note: Figures are preliminary as of January 29, 2003.

Source: Transport Canada based on Transportation Safety Board data

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-4: CROSSING AND TRESPASSER ACCIDENTS – RAILWAYS UNDER FEDERAL JURISDICTION, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Crossing Type</b>							
Public automated	146	132	126	139	145	129	137.6
Public passive	109	95	98	84	77	96	92.6
Private	48	41	49	37	48	31	44.6
Farm	4	5	10	3	8	5	6.0
<b>Total</b>	<b>307</b>	<b>273</b>	<b>283</b>	<b>263</b>	<b>278</b>	<b>261</b>	<b>280.8</b>
<b>Public Crossing Rate per 100 crossings</b>							
Newfoundland and Labrador, Nova Scotia	1.9	1.2	2.4	1.2	2.9	N/A	N/A
New Brunswick	0.9	0.3	0.6	0.3	1.8	0.3	0.8
Quebec	1.5	1.5	1.3	1.4	0.9	2.0	1.3
Ontario	1.2	1.0	1.5	1.3	1.2	1.3	1.2
Manitoba	0.9	1.1	0.6	0.7	0.7	1.2	0.8
Saskatchewan	0.5	0.6	0.4	0.5	0.4	0.4	0.5
Alberta	1.7	1.3	1.3	1.0	1.3	1.3	1.3
British Columbia	2.5	1.4	1.3	1.9	2.1	1.9	1.9
<b>Total</b>	<b>11.0</b>	<b>8.4</b>	<b>9.3</b>	<b>8.3</b>	<b>11.4</b>	<b>8.3</b>	<b>9.7</b>
<b>Trespasser Accidents</b>							
Newfoundland and Labrador, Nova Scotia	0	0	0	0	1	0	0.2
New Brunswick	0	0	0	1	0	2	0.2
Quebec	15	12	26	14	10	13	15.4
Ontario	47	36	46	41	42	42	42.4
Manitoba	4	4	1	1	7	3	3.4
Saskatchewan	4	2	3	2	3	0	2.8
Alberta	7	10	10	6	9	3	8.4
British Columbia	21	14	9	14	7	9	13.0
<b>Total</b>	<b>98</b>	<b>78</b>	<b>95</b>	<b>79</b>	<b>79</b>	<b>72</b>	<b>85.8</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 29, 2003.

Source: Transport Canada based on Transportation Safety Board data

TABLE A4-5: CASUALTY COLLISIONS, FATALITIES AND INJURIES

Year	Casualty		Motor Vehicle Registrations		Vehicle-Kilometres (Millions)	Fatality Rate/10,000 MVR	Injury Rate/10,000 MVR	Fatality Rate/Billion Veh.-Km	Injury Rate/Billion Veh.-Km
	Collisions	Fatalities	Injuries	(Thousands)					
1982 – 1991 Average	180,364	4,128	256,717	15,577	N/A	2.6	164.8	N/A	N/A
1992	172,713	3,501	249,821	16,581	N/A	2.1	150.7	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	158,499	2,926	227,403	17,882	310,523.0	1.6	127.2	9.4	732.3
2001	154,268	2,778	221,158	18,102	310,172.9	1.5	122.2	9.0	713.0
1996 – 2000 Average	155,005	3,003	223,999	17,621		2	127		

N/A = Not available

Road statistics relate to 2001 and 1996 – 2000: 2001 being the most recent statistics available (based on the 2001 Canadian Motor Vehicle Traffic Collision Statistics - TP3322). Road accidents, in this Annual Report, are casualty collisions, which exclude collisions involving property damage only. Accident Rates are per 100 million vehicle-kilometres (Canadian Vehicle Survey, Statistics Canada, First annual report was 2000 data).

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database; and Statistics Canada, Cat No. 53-223-XIE, 'Canadian Vehicle Survey'



**TABLE A4-6: CASUALTY RATES (PER BILLION VEHICLE-KILOMETRES\*), 2000 AND 2001**

	<i>Fatalities</i>		<i>Injuries</i>	
	2000	2001	2000	2001
Canada	9.4	9.0	732.3	713.0
Newfoundland and Labrador	10.6	9.3	613.7	690.2
Prince Edward Island	15.8	12.2	939.1	896.0
Nova Scotia	9.4	8.2	756.4	647.6
New Brunswick	10.5	11.7	647.0	686.5
Quebec	11.2	8.8	755.3	707.5
Ontario	7.2	7.3	721.4	705.4
Manitoba	10.5	8.3	894.8	799.3
Saskatchewan	12.7	13.0	656.8	547.5
Alberta	8.6	10.0	628.5	682.4
British Columbia	12.0	11.7	849.6	838.5
Yukon	21.7	10.9	745.9	836.7
Northwest Territories	16.6	7.5	738.5	512.8
Nunavut	70.4	47.6	N/A	N/A

N/A = Not available

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

\* Statistics Canada, 'Canadian Vehicle Survey', Cat. 53-223-XIE

**TABLE A4-7: PERCENTAGE OF FATALLY INJURED DRIVERS TESTED AND FOUND TO HAVE BEEN DRINKING (BAC >0 MG%) AND THE NUMBER OR PERSONS CHARGED WITH IMPAIRED DRIVING OFFENCES, 1987 – 2001**

<i>Year</i>	<i>1–80 mg %</i>	<i>81–150 mg %</i>	<i>&gt;150 mg %</i>	<i>BAC &gt;0 mg %</i>	<i>Persons Charged with Impaired Driving Offences</i>	<i>Index of Persons Charged with Impaired Driving Offences</i>
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	N/A	N/A	N/A	N/A	70,539	54.7

N/A = Not available

Notes: BAC: Blood Alcohol Concentration.

mg%: Weight of alcohol in the bloodstream stated as milligrams in 100 millilitres of blood.

2001 data were not available at the time of publication.

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

**TABLE A4-8A: COMPARISON OF DRIVERS INVOLVED IN FATAL AND INJURY COLLISIONS COMPARED WITH LICENSED DRIVERS, 2001**

<i>Age Group</i>	<i>Drivers Involved</i>			<i>Drivers Involved</i>			<i>Licensed Drivers</i>	
	<i>In Fatal Collisions</i>	<i>Per cent Distribution</i>	<i>Rate per 100,000 Licensed Drivers</i>	<i>In Injury Collisions</i>	<i>Per cent Distribution</i>	<i>Rate per 100,000 Licensed Drivers</i>	<i>Number</i>	<i>% Dist.</i>
15–19	337	9.4	30.9	25,614	10.3	2,347.3	1,091,223	5.2
20–24	479	13.4	27.9	33,122	13.3	1,932.1	1,714,338	8.2
25–34	663	18.6	17.2	53,421	21.5	1,386.3	3,853,409	18.5
35–44	720	20.2	14.8	55,725	22.5	1,144.0	4,870,887	23.3
45–54	632	17.7	15.2	40,515	16.3	972.4	4,166,407	20.0
55–64	344	9.6	13.2	21,234	8.6	813.1	2,611,381	12.5
65 & over	395	11.1	15.4	18,581	7.5	724.6	2,564,399	12.3
<b>Total</b>	<b>3,570</b>	<b>100.0</b>	<b>17.1</b>	<b>248,212</b>	<b>100.0</b>	<b>1,189.2</b>	<b>20,872,044</b>	<b>100.0</b>

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database, Statistics Canada, 'Canadian Vehicle Survey', Cat. 53-223-XIE  
Number of licensed drivers obtained from the jurisdictions

**TABLE A4-8B: COMPARISON OF DRIVERS INVOLVED IN FATAL AND INJURY COLLISIONS PER 100,000 LICENSED DRIVERS, 1999 – 2001**

Age Group	Drivers Involved in Fatal Collisions			Drivers Involved in Injury Collisions		
	1999	2000	2001	1999	2000	2001
15–19	41.3	36.0	30.9	2,451.5	2,404.3	2,347.3
20–24	27.7	29.5	27.9	1,917.8	2,045.8	1,932.1
25–34	19.8	19.9	17.2	1,364.8	1,453.0	1,386.3
35–44	16.3	16.2	14.8	1,099.6	1,190.0	1,144.0
45–54	14.1	15.8	15.2	938.6	998.7	972.4
55–64	15.0	14.3	13.2	821.9	856.6	813.1
65 & over	17.1	16.1	15.4	732.2	754.6	724.6
<b>Total</b>	<b>18.6</b>	<b>18.7</b>	<b>17.1</b>	<b>1,174.6</b>	<b>1,243.5</b>	<b>1,189.2</b>

Source: Transport Canada, Road Safety and Motor Vehicle Regulation Traffic Accident Information Database, Statistics Canada, 'Canadian Vehicle Survey', Cat. 53-223-XIE. Number of licensed drivers obtained from the jurisdictions

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

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

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

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

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

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

**TABLE A4-10: 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
<b>Truck</b>					
Tractor-trailer	335	300	360	364	322
Trucks >4,536 kgs.	179	177	170	147	153
Other	21	18	10	13	16
<b>Bus</b>					
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>

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

**TABLE A4-11: FATALITIES BY ROAD USER CLASS, 1997 – 2001**

Road User Class	1997	1998	1999	2000	2001
Motor vehicle drivers	1,540	1,457	1,531	1,467	1,475
Motor vehicle passengers	812	718	720	749	683
Pedestrians	402	406	419	372	335
Bicyclists	67	77	68	40	60
Motorcyclists	123	167	148	159	161
Not stated	120	124	99	139	64
<b>Total</b>	<b>3,064</b>	<b>2,949</b>	<b>2,985</b>	<b>2,926</b>	<b>2,778</b>

Source: 2001 Canadian Motor Vehicle Traffic Collision Statistics - TP3322

TABLE A4-12: MARINE OCCURRENCES, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Marine Accidents</b>	<b>594</b>	<b>550</b>	<b>605</b>	<b>527</b>	<b>517</b>	<b>483</b>	<b>558.6</b>
Shipping accidents	534	491	536	450	458	447	493.8
Collision	15	15	22	16	16	15	16.8
Capsizing	21	13	6	15	6	14	12.2
Foundering/sinking	36	28	32	38	37	26	34.2
Fire/explosion	73	65	70	64	84	52	71.2
Grounding	126	128	146	123	114	129	127.4
Striking	88	85	85	68	88	71	82.8
Ice damage	23	11	10	6	4	2	10.8
Propeller/rudder/ structural damage	30	25	40	31	19	43	29.0
Flooding	69	69	65	51	70	52	64.8
Other	53	52	60	38	20	43	44.6
<b>Accidents Aboard Ship</b>	<b>60</b>	<b>59</b>	<b>69</b>	<b>77</b>	<b>59</b>	<b>36</b>	<b>64.8</b>
<b>Canadian Vessels Involved in Shipping Accidents</b>	<b>486</b>	<b>447</b>	<b>493</b>	<b>406</b>	<b>429</b>	<b>422</b>	<b>452.2</b>
<b>Commercial</b>							
Cargo	6	8	7	6	8	9	7.0
Bulk carrier/OBO	25	31	34	26	32	28	29.6
Tanker	8	8	8	6	5	6	7.0
Tug	33	38	40	33	36	23	36.0
Barge	26	24	32	26	26	28	26.8
Ferry	16	22	20	24	23	21	21.0
Passenger	13	25	16	15	14	25	16.6
<b>Commercial Vessel Total</b>	<b>127</b>	<b>156</b>	<b>157</b>	<b>136</b>	<b>144</b>	<b>140</b>	<b>144.0</b>
<b>Commercial Vessels (≥15 GRT)</b>	<b>99</b>	<b>118</b>	<b>128</b>	<b>111</b>	<b>114</b>	<b>116</b>	<b>114.0</b>
<b>Million Vessel Kms Accident Rate / Million Vessel Kms</b>	<b>8.9</b>	<b>7.7</b>	<b>7.1</b>	<b>7.9</b>	<b>7.3</b>	<b>7.0</b>	<b>N/A</b>
<b>Fishing</b>	<b>308</b>	<b>243</b>	<b>273</b>	<b>227</b>	<b>232</b>	<b>231</b>	<b>256.6</b>
<b>Other</b>	<b>51</b>	<b>48</b>	<b>63</b>	<b>43</b>	<b>53</b>	<b>51</b>	<b>51.6</b>
<b>Foreign Vessels Involved in Shipping Accidents</b>	<b>90</b>	<b>87</b>	<b>88</b>	<b>86</b>	<b>77</b>	<b>59</b>	<b>85.6</b>
<b>Fatalities</b>	<b>24</b>	<b>48</b>	<b>29</b>	<b>31</b>	<b>34</b>	<b>26</b>	<b>33.2</b>
Shipping accidents	12	38	14	16	17	17	19.4
Accidents aboard ship	12	10	15	15	17	9	13.8
<b>Injuries</b>	<b>84</b>	<b>80</b>	<b>84</b>	<b>94</b>	<b>70</b>	<b>75</b>	<b>82.4</b>
Shipping accidents	25	22	23	23	18	38	22.2
Accidents aboard ship	59	58	61	71	52	37	60.2
<b>Vessels Lost (By Gross Tonnage)</b>	<b>60</b>	<b>49</b>	<b>45</b>	<b>37</b>	<b>51</b>	<b>25</b>	<b>48.4</b>
1,600 GRT and over	0	1	1	0	1	1	0.6
150 to 1,599 GRT	5	2	3	1	3	1	2.8
60 to 149 GRT	6	6	5	3	8	3	5.6
15 to 59 GRT	16	14	7	13	15	6	13.0
Less than 15 GRT	21	16	21	16	17	9	18.2
Unknown tonnage	12	10	8	3	6	5	7.8
<b>Reported Incidents (Mandatory)</b>	<b>155</b>	<b>165</b>	<b>178</b>	<b>248</b>	<b>239</b>	<b>172</b>	<b>197.0</b>

N/A = Not available

Notes:

- Occurrence statistics comprise Canadian-flag vessels as well as foreign-flag vessels in Canadian waters.
- The Accident Rate pertains to Canadian commercial vessels ≥15 gross registered tons.
- 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; and therefore longer term comparisons of activity can not be made.
- Injuries include both serious and minor injuries.
- Vessels lost include constructive total losses.
- For reportable accident and incident definitions, see Transportation Safety Board Regulations Web site: <http://laws.justice.gc.ca/en/C-23.4/SOR-92-446/72208.html>.
- The Accident Rate pertains to Canadian vessels over 15 gross registered tons

Source: Transportation Safety Board (figures preliminary as of January 21, 2003)  
Statistics Canada and Transport Canada

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-13: MARINE OCCURRENCES BY REGION, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Western Region</b>							
Shipping Accidents	183	196	168	166	158	139	174.2
Accidents Aboard Ship	18	14	18	32	29	15	22.2
Vessels Involved in Shipping Accidents by Type of Vessel	202	213	181	177	179	155	190.4
Cargo/OBO/Tanker	13	10	11	9	10	3	10.6
Ferry/Passenger	12	14	10	18	15	18	13.8
Tug/Barge	29	44	40	44	39	32	39.2
Fishing	133	128	102	93	98	78	110.8
Others	15	17	18	13	17	24	16.0
Vessels lost	20	25	19	14	22	9	20.0
Fatalities	7	6	10	10	12	9	9.0
Reported Incidents (Mandatory)	41	54	57	110	122	84	76.8
<b>Maritimes Region</b>							
Shipping Accidents	107	87	118	85	90	121	97.4
Accidents Aboard Ship	9	12	17	10	10	5	11.6
Vessels Involved in Shipping Accidents by Type of Vessel	114	95	128	95	97	128	105.8
Cargo/OBO/Tanker	9	11	5	5	4	7	6.8
Ferry/Passenger	9	7	6	5	3	5	6.0
Tug/Barge	7	5	8	3	4	3	5.4
Fishing	77	59	92	73	75	96	75.2
Others	12	13	17	9	11	17	12.4
Vessels lost	16	8	11	10	12	12	11.0
Fatalities	7	8	9	4	6	1	6.8
Reported Incidents (Mandatory)	19	17	35	35	33	26	27.8
<b>Newfoundland Region</b>							
Shipping Accidents	105	59	94	73	69	58	80.0
Accidents Aboard Ship	15	11	11	20	5	5	12.4
Vessels Involved in Shipping Accidents by Type of Vessel	110	59	101	76	72	60	83.6
Cargo/OBO/Tanker	3	6	7	5	4	6	5.0
Ferry/Passenger	1	3	5	5	4	4	3.6
Tug/Barge	3	0	3	3	0	0	1.8
Fishing	84	48	76	56	58	48	64.4
Others	19	2	10	7	6	2	8.8
Vessels lost	15	13	10	9	15	0	12.4
Fatalities	7	24	1	9	4	5	9.0
Reported Incidents (Mandatory)	24	12	33	15	12	5	19.2
<b>Central Region</b>							
Shipping Accidents	59	64	54	46	67	55	58.0
Accidents Aboard Ship	5	8	5	7	3	3	5.6
Vessels Involved in Shipping Accident by Type of Vessel	65	67	59	54	78	61	64.6
Cargo/OBO/Tanker	34	35	38	33	42	32	36.4
Ferry/Passenger	5	13	7	7	13	13	9.0
Tug/Barge	14	10	8	3	11	11	9.2
Fishing	7	1	1	1	2	1	2.4
Others	5	8	5	10	10	4	7.6
Vessels lost	3	0	1	0	0	0	0.8
Fatalities	0	1	2	2	9	9	2.8
Reported Incidents (Mandatory)	21	24	16	32	26	28	23.8
<b>Laurentian Region</b>							
Shipping Accidents	63	64	72	60	59	60	63.6
Accidents aboard ship	9	8	12	7	9	6	9.0
Vessels Involved in Shipping Accident by Type of Vessel	66	73	78	66	63	62	69.2
Cargo/OBO/Tanker	29	37	38	33	28	32	33.0
Ferry/Passenger	5	10	11	9	5	7	8.0
Tug/Barge	11	6	14	4	9	5	8.8
Fishing	15	12	9	14	13	13	12.6
Others	6	8	6	6	8	5	6.8
Vessels lost	5	2	4	2	2	3	3.0
Fatalities	3	9	5	1	2	2	4.0
Reported Incidents (Mandatory)	48	53	29	51	39	23	44

CONTINUED

TABLE A4-13: CONTINUED

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Arctic Region</b>							
Shipping Accidents	2	5	15	8	4	2	6.8
Accidents Aboard Ship	0	2	3	0	0	0	1.0
Vessels Involved in Shipping Accidents by Type of Vessel	2	5	17	8	4	2	7.2
Cargo/OBO/Tanker	0	2	3	5	3	0	2.6
Ferry/Passenger	1	1	3	1	0	0	1.2
Tug/Barge	0	0	2	0	1	2	0.6
Fishing	1	0	0	1	0	0	0.4
Others	0	2	9	1	0	0	2.4
Vessels lost	0	0	0	2	0	1	0.4
Fatalities	0	0	0	4	0	0	0.8
Reported Incidents (Mandatory)	0	1	1	2	1	1	1
<b>Foreign Waters</b>							
Shipping Accidents	15	16	15	12	11	12	13.8
Accidents Aboard Ship	4	4	3	1	3	2	3.0
Vessels Involved in Shipping Accidents by Type of Vessel	17	22	17	16	13	13	17.0
Cargo/OBO/Tanker	7	11	11	8	9	8	9.2
Ferry/Passenger	0	2	0	1	0	0	0.6
Tug/Barge	5	2	2	6	3	2	3.6
Fishing	2	3	0	0	0	1	1.0
Others	3	4	4	1	1	2	2.6
Vessels lost	1	1	0	0	0	0	0.4
Fatalities	0	0	2	1	1	0	0.8
Reported Incidents (Mandatory)	2	4	7	3	6	5	4.4

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 reportable accident and incident definitions, see Transportation Safety Board Regulations Web site: <http://laws.justice.gc.ca/en/C-23.4/SOR-92-446/72208.html>.

Source: Transportation Safety Board (figures preliminary as of February 14, 2003)

TABLE A4-14: SMALL CANADIAN VESSELS ENGAGED IN COMMERCIAL FISHING ACTIVITY, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Marine Accidents</b>							
<b>VESSELS &gt;15 And ≤150 GRT</b>							
Shipping Accidents	143	115	110	93	98	100	111.8
Vessels Lost	21	17	12	9	20	4	15.8
Shipping Accident Fatalities	3	8	1	1	2	5	3.0
Accidents Aboard Ship	14	8	11	18	11	8	12.4
Accident Aboard Ship Fatalities	2	1	2	4	0	1	1.8
<b>VESSELS ≤15 GRT</b>							
Shipping Accidents	112	91	111	86	95	91	99.0
Vessels Lost	19	13	20	18	16	10	17.2
Shipping Accident Fatalities	4	0	2	0	2	0	1.6
Accidents Aboard Ship	5	1	2	5	6	0	3.8
Accident Aboard Ship Fatalities	4	0	1	0	4	0	1.8
<b>VESSELS of Unknown gGRT<sup>1</sup></b>							
Shipping Accidents	46	29	28	31	26	23	32.0
Vessels Lost	10	10	2	2	3	2	5.4
Shipping Accident Fatalities	2	6	0	6	6	4	4.0
Accidents Aboard Ship	2	2	3	3	3	2	2.6
Accident Aboard Ship Fatalities	1	1	3	3	2	3	2.0
Total Shipping Accidents	301	235	249	210	219	214	242.8
Total Vessels Lost	50	40	34	29	39	16	38.4
Total Shipping Accident Fatalities	9	14	3	7	10	9	8.6
Total Accidents Aboard Ship	21	11	16	26	20	10	18.8
Total Accident Aboard Ship Fatalities	7	2	6	7	6	4	5.6

1 The TSB estimates that the majority of vessels classified under unknown tonnage are less than 15 GRT.

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 reportable accident and incident definitions, see Transportation Safety Board Regulations Web site: <http://laws.justice.gc.ca/en/C-23.4/SOR-92-446/72208.html>.

Source: Transportation Safety Board (figures preliminary as of February 14, 2003)

## 4 TRANSPORTATION SAFETY AND SECURITY

**TABLE A4-15: CANADIAN-REGISTERED AIRCRAFT INVOLVED IN ACCIDENTS<sup>1</sup> AND ACCIDENT RATES BY OPERATOR TYPE, 1997 – 2002**

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Accidents</b>							
Aeroplanes involved	295	316	286	258	243	209	279.2
Airliners	8	14	6	9	5	6	8.4
Commuter aircraft	13	10	13	4	8	6	9.6
Air taxi	110	108	70	45	37	40	74
Aerial work	10	18	18	19	18	12	16.6
State	2	2	2	1	3	4	2
Corporate/private/other	152	164	177	180	172	141	169
Helicopters involved	56	57	46	53	46	56	51.6
<b>Hours Flown (thousands)<sup>2</sup></b>							
Aeroplanes	2,934	3,329	3,432	3,361	3,026	3,153	3,216
Airliners	1,070	1,213	1,245	1,203	1,077	1,135	1,162
Commuter aircraft	294	330	343	338	297	313	321
Air taxi	776	864	897	905	821	840	853
Aerial work	98	116	123	109	97	107	109
State	120	146	142	139	139	134	137
Corporate/private/other	575	660	682	666	594	623	635
Helicopters	544	611	608	607	557	577	585
<b>Accident Rates (per 100,000 hours)</b>							
Aeroplanes	10.1	9.5	8.3	7.7	8.0	6.6	8.7
Airliners	0.7	1.2	0.5	0.7	0.5	0.5	0.7
Commuter aircraft	4.4	3.0	3.8	1.2	2.7	1.9	3.0
Air taxi	14.2	12.5	7.8	5.0	4.5	4.8	8.8
Aerial work	10.2	15.5	14.7	17.4	18.5	11.2	15.2
State	1.7	1.4	1.4	0.7	2.2	3.0	1.5
Corporate/private/other	26.4	24.9	26.0	27.0	29.0	22.6	26.6
Helicopters	10.3	9.3	7.6	8.7	8.3	9.7	8.8
<b>Itinerant Aircraft Movements (thousands)<sup>3</sup></b>							
Accident rates (per 100,000 itinerant aircraft movements)	7.6	7.7	6.7	6.8	6.2	6.2	7.0
Fatal accident rates (per 100,000 itinerant aircraft movements)	0.8	0.6	0.7	0.8	0.7	0.6	0.7
<b>Canadian Civil Aircraft Registered</b>							
Aeroplanes			20,768	20,789	20,851	20,912	
Helicopters			1,711	1,753	1,798	1,831	
<b>Accident Rates (per 1,000 Canadian Civil Aircraft Registered)</b>							
Aeroplanes			13.8	12.4	11.7	10.0	
Helicopters			26.9	30.2	25.6	30.6	
<b>Fatal Accident Rates (per 1,000 Canadian Civil Aircraft Registered)</b>							
Aeroplanes			1.3	1.3	1.2	1.0	
Helicopters			2.3	6.3	3.3	3.3	

1 2002 hours flown are estimated.

2 2002 data is estimated.

Notes: There was a reclassification of the services reported under the air taxi category in 1999.

Before 1999, flight training services were classified as air taxi but are now classified in the private/corporate/state aeroplane category.

Figures are preliminary as of January 21, 2003.

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

Ultralight Aircraft excluded.

Transport Canada's Canadian Civil Aircraft Register (CCAR) includes state aircraft but excludes military aircraft.

Source: Transportation Safety Board, Transport Canada, Canadian Civil Aircraft Register (CCAR)

TABLE A4-16: AVIATION OCCURRENCES AND CASUALTIES, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>	<b>356</b>	<b>386</b>	<b>341</b>	<b>320</b>	<b>295</b>	<b>273</b>	<b>339.6</b>
Aeroplanes involved <sup>2</sup>	295	316	286	258	243	209	279.6
Airliners	8	14	6	9	5	6	8.4
Commuter aircraft	13	10	13	4	8	6	9.6
Air taxi	110	108	70	45	37	40	74.0
Aerial work	10	18	18	19	18	12	16.6
Corporate	9	11	6	5	4	2	7.0
State	2	2	2	1	3	4	2.0
Private/other <sup>3</sup>	143	153	171	175	168	139	162.0
Helicopters involved	56	57	46	53	46	56	51.6
Other aircraft involved <sup>4</sup>	10	17	15	12	9	10	12.6
Hours Flown (thousands) <sup>5</sup>	3,478	3,940	4,040	3,968	3,583	3,730	3,801.9
Accident Rate (per 100,000 hours)	10.2	9.8	8.4	8.1	8.2	7.3	9.0
<b>Fatal Accidents</b>	<b>36</b>	<b>31</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>28</b>	<b>34.4</b>
Aeroplanes involved	29	24	28	26	25	20	26.4
Airliners	0	0	1	1	0	0	0.4
Commuter aircraft	0	1	2	1	1	0	1
Air taxi	11	8	5	3	5	4	6.4
Aerial work	0	0	1	2	1	1	0.8
Corporate	1	1	2	0	1	0	1
State	1	0	0	1	0	2	0.4
Private/other	16	14	17	18	17	13	16.4
Helicopters involved	8	6	4	11	6	6	7
Other aircraft involved	0	2	4	1	3	3	2
<b>Fatalities</b>	<b>77</b>	<b>85</b>	<b>65</b>	<b>65</b>	<b>61</b>	<b>47</b>	<b>70.6</b>
<b>Serious Injuries</b>	<b>69</b>	<b>49</b>	<b>42</b>	<b>53</b>	<b>37</b>	<b>42</b>	<b>50</b>
<b>Canadian-Registered Ultralight</b>							
Aircraft accidents	55	39	35	38	35	36	40.4
Fatal accidents	7	5	12	5	6	9	7
Fatalities	9	9	19	9	7	12	10.6
Serious injuries	7	7	7	10	8	3	7.8
<b>Foreign-Registered Aircraft Accidents in Canada</b>	<b>17</b>	<b>22</b>	<b>24</b>	<b>19</b>	<b>29</b>	<b>14</b>	<b>22.2</b>
Fatal accidents	5	5	6	7	8	2	6.2
Fatalities	11	236	9	18	10	4	56.8
Serious injuries	6	4	1	3	5	0	3.8
<b>All Aircraft: Reportable Incidents</b>	<b>685</b>	<b>771</b>	<b>699</b>	<b>725</b>	<b>853</b>	<b>864</b>	<b>746.6</b>
Risk of collision/Loss of separation	213	181	168	161	204	194	185.4
Declared emergency	192	226	207	225	255	280	221
Engine failure	144	170	155	161	175	160	161
Smoke/fire	61	106	87	84	107	100	89
Collision	11	4	7	8	19	21	9.8
Other	64	84	75	86	93	109	80.4

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.

5 2002 hours flown are estimated.

Notes: There was a reclassification of the services reported under the air taxi category in 1999.

Before 1999, flight training services were classified as air taxi but are now classified in the private/corporate/state aeroplane category.

For accident and reportable incident definitions, see Transportation Safety Board Regulations Web site:

<http://laws.justice.gc.ca/en/C-23.4/SOR-92-446/72208.html>.

Figures are preliminary as of January 21, 2003.

Source: Transportation Safety Board, Transport Canada

## 4 TRANSPORTATION SAFETY AND SECURITY

TABLE A4-17A: ACCIDENTS INVOLVING CANADIAN-REGISTERED AIRCRAFT BY PROVINCE, 1997 – 2002

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Accidents</b>							
Newfoundland and Labrador	9	7	5	14	10	6	9
Prince Edward Island	1	0	0	1	1	0	0.6
Nova Scotia	4	7	4	9	3	7	5.4
New Brunswick	6	6	7	5	4	2	5.6
Quebec	60	41	46	55	48	42	50
Ontario	84	105	106	73	64	73	86.4
Manitoba	25	29	32	17	28	17	26.2
Saskatchewan	22	21	22	9	18	18	18.4
Alberta	46	62	52	39	36	46	47
British Columbia	72	70	40	68	58	41	61.6
Nunavut	0	0	0	4	2	1	1.2
Northwest Territories	10	13	14	11	12	4	12
Yukon	5	8	4	6	4	4	5.4
Outside Canada	12	17	9	9	7	12	10.8
<b>Total</b>	<b>356</b>	<b>386</b>	<b>341</b>	<b>320</b>	<b>295</b>	<b>273</b>	<b>339.6</b>
<b>Fatal Accidents</b>							
Newfoundland and Labrador	1	1	1	2	1	1	1.2
Prince Edward Island	0	0	0	0	0	0	0
Nova Scotia	0	2	0	3	0	2	1
New Brunswick	0	0	0	0	0	0	0
Quebec	7	8	5	5	6	5	6.2
Ontario	7	4	9	4	6	3	6
Manitoba	1	2	4	0	2	1	1.8
Saskatchewan	4	2	1	2	0	2	1.8
Alberta	2	4	5	3	2	2	3.2
British Columbia	11	5	8	10	11	9	9
Nunavut	0	0	0	3	1	0	0.8
Northwest Territories	0	0	1	1	3	0	1
Yukon	0	0	0	1	0	0	0.2
Outside Canada	3	3	0	4	1	3	2.2
<b>Total</b>	<b>36</b>	<b>31</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>28</b>	<b>34.4</b>
<b>Fatalities</b>							
Newfoundland and Labrador	2	1	1	3	3	2	2
Prince Edward Island	0	0	0	0	0	0	0
Nova Scotia	0	4	0	4	0	2	1.6
New Brunswick	0	0	0	0	0	0	0
Quebec	18	27	9	8	13	12	15
Ontario	8	9	14	5	8	4	8.8
Manitoba	4	5	7	0	4	1	4
Saskatchewan	9	5	1	2	0	2	3.4
Alberta	4	10	8	3	4	3	5.8
British Columbia	22	12	24	19	17	16	18.8
Nunavut	0	0	0	5	3	0	1.6
Northwest Territories	0	0	1	3	8	0	2.4
Yukon	0	0	0	2	0	0	0.4
Outside Canada	10	12	0	11	1	5	6.8
<b>Total</b>	<b>77</b>	<b>85</b>	<b>65</b>	<b>65</b>	<b>61</b>	<b>47</b>	<b>70.6</b>

Notes: Accidents by province are rare events and may fluctuate from year to year.  
 Figures are preliminary as of January 21, 2003.  
 Ultralight Aircraft are excluded.

Source: Transportation Safety Board



**TABLE A4-17B: AIRCRAFT MOVEMENTS AND ACCIDENTS RATES INVOLVING CANADIAN-REGISTERED AIRCRAFT BY PROVINCE, 1997 – 2002**

	1997	1998	1999	2000	2001	2002	1997 – 2001 Average
<b>Total Itinerant Aircraft Movements (Thousands)<sup>1</sup></b>							
Newfoundland and Labrador	129	136	140	126	121	109	131
Prince Edward Island	19	19	19	15	13	12	17
Nova Scotia	119	119	119	101	91	85	110
New Brunswick	117	125	130	99	97	97	114
Quebec	713	706	710	644	662	615	687
Ontario	1,251	1,382	1,417	1,327	1,359	1,271	1,347
Manitoba	214	284	292	271	268	256	266
Saskatchewan	163	210	196	178	165	168	183
Alberta	615	667	689	666	689	643	665
British Columbia	1,134	1,196	1,154	1,114	1,056	998	1,131
Nunavut <sup>2</sup>	58	58	59	36	62	50	55
Northwest Territories	91	92	105	78	113	96	96
Yukon	40	42	43	36	35	31	39
<b>Total</b>	<b>4,663</b>	<b>5,035</b>	<b>5,072</b>	<b>4,692</b>	<b>4,732</b>	<b>4,429</b>	<b>4,839</b>
<b>Accident Rate per 100,000 Itinerant Aircraft Movements</b>							
Newfoundland and Labrador	7.0	5.2	3.6	11.1	8.2	5.5	7.0
Prince Edward Island	5.2	0.0	0.0	6.7	7.7	0.0	3.9
Nova Scotia	3.4	5.9	3.4	8.9	3.3	8.2	5.0
New Brunswick	5.1	4.8	5.4	5.0	4.1	2.1	4.9
Quebec	8.4	5.8	6.5	8.5	7.3	6.8	7.3
Ontario	6.7	7.6	7.5	5.5	4.7	5.7	6.4
Manitoba	11.7	10.2	11.0	6.3	10.4	6.6	9.9
Saskatchewan	13.5	10.0	11.2	5.1	10.9	10.7	10.1
Alberta	7.5	9.3	7.5	5.9	5.2	7.2	7.1
British Columbia	6.4	5.9	3.5	6.1	5.5	4.1	5.5
Nunavut <sup>2</sup>	0.0	0.0	0.0	11.0	3.2	2.0	2.9
Northwest Territories	11.0	14.2	13.4	14.1	10.6	4.2	12.7
Yukon	12.4	18.9	9.4	16.7	11.4	13.0	13.7
<b>Total</b>	<b>7.6</b>	<b>7.7</b>	<b>6.7</b>	<b>6.8</b>	<b>6.2</b>	<b>6.2</b>	<b>7.0</b>

Note: Figures are preliminary as of January 21, 2003.  
Includes Canadian-registered aircraft movements in Canada.  
1 2002 estimated.  
2 Territory created on April 1, 1999.

Source: Transportation Safety Board, Transport Canada

**TABLE A4-18: REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS BY MODE AND PHASE OF TRANSPORT, 1997 – 2002**

Year	----- Intransit -----				Subtotal	Not-intransit	Total
	Road	Rail	Air	Marine <sup>1</sup>			
1997	166	16	6	1	189	194	383
1998	178	11	4	0	193	239	432
1999	185	17	3	0	205	274	479
2000 <sup>2</sup>	234	18	4	3	259	215	474
2001 <sup>2</sup>	182	11	6	3	202	234	436
1997 – 2001 Average	200	19	5	1	225	232	457
2002 <sup>3</sup>	254	19	9	0	282	298	580

1 The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.  
2 Revised figures.  
3 A fraction of the 2002 accident data is based on estimates, extrapolated from accidents reported to TDG.

Notes:

- 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.
- "Intransit" 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.
- The increase of reportable accidents may be attributed to improved awareness of requirements, including changes in the accident-reporting requirements contained in the Clear Language version of the *Transportation of Dangerous Goods (TDG) Regulations*, which came into force on August 15, 2002.

Source: Transport Canada, Dangerous Goods Accident Information System

**TABLE A4-19: DEATHS AND INJURIES CAUSED BY DANGEROUS GOODS AT REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS, 1997 – 2002**

Year	Deaths	Injuries			Totals
		Major	Moderate	Minor	
1997	3	15	39	6	60
1998	2	1	36	12	49
1999 <sup>1</sup>	2	11	16	12	39
2000	2	5	22	12	39
2001 <sup>2</sup>	0	8	20	16	44
1997 – 2001 Average	2	8	27	12	47
2002 <sup>3</sup>	1	6	27	10	43

1 The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.  
 2 Revised figures.  
 3 A fraction of the 2002 accident data is based on estimates, extrapolated from accidents reported to TDG.

- Notes:
- 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.
  - "Intransit" 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.
  - The increase of reportable accidents may be attributed to improved awareness of requirements, including changes in the accident-reporting requirements contained in the Clear Language version of the Transportation of Dangerous Goods (TDG) Regulations, which came into force on August 15, 2002.

Source: Transport Canada, Dangerous Goods Accident Information System

**TABLE A4-20: TOTAL DEATHS AND INJURIES AT REPORTABLE ACCIDENTS INVOLVING DANGEROUS GOODS, 1997 – 2002**

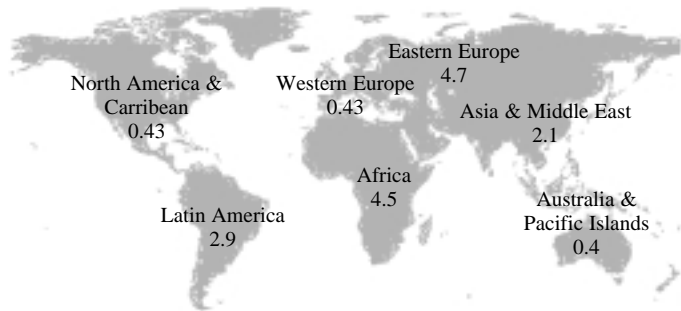
Year	Deaths	Injuries			Totals
		Major	Moderate	Minor	
1997	15	50	73	11	134 <sup>1</sup>
1998	13	38	56	15	109
1999	28 <sup>2</sup>	84 <sup>2</sup>	143 <sup>2</sup>	19	246
2000 <sup>4</sup>	20	49	50	19	118
2001 <sup>4</sup>	24	46	33	20	99
1997 – 2001 Average	17	54	71	17	142
2002 <sup>5</sup>	18	44	50	13	107

1 27 passengers injured in one bus-truck collision in Fox Creek, Alberta.  
 2 7 deaths and 45 injuries were due to a multiple highway vehicle collision in Windsor, Ontario.  
 3 98 passengers were injured in a train collision with three hopper railway vehicles in Thamesford, Ontario.  
 4 Revised figures.  
 5 A fraction of the 2002 accident data is based on estimates, extrapolated from accidents reported to TDG.

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

Source: Transport Canada, Dangerous Goods Accident Information System

**FIGURE A4-1: FATAL ACCIDENT RATES PER MILLION FLIGHTS, 1980-2001**



Note:  
 All information applies only to commercial operations of fixed-wing aircraft with a minimum take-off mass of 5,700 kg or heavier. This includes both jet engine and propeller-driven aircraft.

Source: National Aerospace Laboratory, The Netherland Civil Aviation Authority  
[www.divisieluchtvaart.nl](http://www.divisieluchtvaart.nl)

**TABLE A6-1: RAILWAY RATIONALIZATION BY PROVINCE, 1990 – 2002**

		(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	CPR	510	775	985	137	409	784	412	242		<b>4,255</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	1,701	1,017	2,148	1,283	491	488	87	<b>9,447</b>
Transfers	CPR	371	256	682		967	827	190	85		<b>3,377</b>
	CN	168	2,102	684	1,727	996	995	349	378	122	<b>7,522</b>
	Other		360			67			40		<b>467</b>
	Total	539	2,719	1,366	1,727	2,030	1,821	539	502	122	<b>11,366</b>
<b>Total</b>	<b>CPR</b>	<b>881</b>	<b>1,030</b>	<b>1,667</b>	<b>137</b>	<b>1,376</b>	<b>1,611</b>	<b>602</b>	<b>328</b>		<b>7,631</b>
	<b>CN</b>	<b>174</b>	<b>2,483</b>	<b>1,332</b>	<b>2,607</b>	<b>2,544</b>	<b>1,494</b>	<b>428</b>	<b>604</b>	<b>210</b>	<b>11,875</b>
	<b>Other</b>		<b>920</b>	<b>69</b>		<b>259</b>			<b>59</b>		<b>1,307</b>
	<b>Total</b>	<b>1,055</b>	<b>4,434</b>	<b>3,067</b>	<b>2,744</b>	<b>4,178</b>	<b>3,104</b>	<b>1,030</b>	<b>990</b>	<b>210</b>	<b>20,813</b>

Source: Transport Canada

**TABLE A6-2: RAILWAY RATIONALIZATION BY PROVINCE, 2002**

		(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	CPR		156								<b>156</b>
	CN					134					<b>134</b>
	Other			35							<b>35</b>
	Total		156			134					<b>290</b>
Transfers	CPR										
	CN			74							<b>74</b>
	Other							40			<b>40</b>
	Total			74					40		<b>114</b>
<b>Total</b>	<b>CPR</b>		<b>156</b>								<b>156</b>
	<b>CN</b>					<b>134</b>					<b>208</b>
	<b>Other</b>			<b>35</b>				<b>40</b>			<b>75</b>
	<b>Total</b>		<b>156</b>	<b>109</b>		<b>134</b>			<b>40</b>		<b>439</b>

Source: Transport Canada

**TABLE A6-3: RAILWAY REVENUES, 1990 – 2001**

(Millions of dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
CPR	2,488	2,549	2,338	2,477	2,736	2,611	2,616	2,830	2,709	2,760	2,945	2,950
VIA Rail	487	469	476	480	604	408	378	384	360	372	387	399
Subtotal Class I	6,360	6,488	6,254	6,374	7,030	6,536	6,528	7,162	6,796	6,874	7,212	7,266
Regional	522	528	524	491	533	543	531	542	513	497	519	495
Shortlines	96	95	87	94	79	90	134	172	249	311	369	384
<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>

Source: Transport Canada, Statistics Canada

**TABLE A6-4: RAILWAY EMPLOYMENT, 1990 – 2001**

**Total Employees**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
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
Shortlines	559	553	523	466	497	517	694	1,179	1,553	1,606	1,803	2,064
<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>43,219</b>	<b>40,899</b>	<b>39,790</b>

**Total Compensation (Millions of dollars)**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
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
Shortlines	22.6	23.5	23.3	17.7	21.5	22.3	35.3	55.6	78.3	88.3	96.6	112.8
<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>2,431.3</b>

**Average Compensation per Employee**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
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
Shortlines	40,387	42,470	44,632	37,963	43,323	43,151	50,802	47,201	50,429	55,000	53,569	54,665

Source: Transport Canada, Statistics Canada

**TABLE A6-5: RAILWAY FUEL CONSUMPTION, 1990 – 2001**

(Millions of litres)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Class I	1,763	1,821	1,747	1,749	1,817	1,823	1,819	2,003	1,807	1,739	1,762	1,772
Regional	130	132	125	131	143	151	148	171	147	136	145	144
Shortlines	16	15	16	16	14	19	28	37	57	70	87	89
<b>Total</b>	<b>1,910</b>	<b>1,968</b>	<b>1,889</b>	<b>1,896</b>	<b>1,974</b>	<b>1,993</b>	<b>1,995</b>	<b>2,211</b>	<b>2,011</b>	<b>1,946</b>	<b>1,993</b>	<b>2,005</b>

Source: Transport Canada, Statistics Canada

**TABLE A6-6: REVENUE TONNE-KILOMETRES, 1990 – 2001**

(Millions tonne-kilometres)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
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
Shortlines	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
<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>

Source: Transport Canada, Statistics Canada

**TABLE A6-7: TRAFFIC RECEIVED AND FORWARDED BY CLASS II CARRIERS WITH CANADIAN OPERATIONS,<sup>1</sup> 1996 – 2001**

(Millions of tonnes)

	<i>Received only</i>	<i>Forwarded only</i>	<i>Received and Forwarded</i>
1996	3.57	10.39	0.16
1997	5.12	13.16	0.31
1998	10.24	16.71	1.22
1999	11.02	18.52	1.29
2000	11.24	18.98	1.34
2001	11.24	18.29	1.45

Notes: Received only: applies to movements in which a Class II carrier was involved by only receiving from CN or CPR.

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

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

<sup>1</sup> Includes Canadian operations of U.S.-based carriers.

Source: Transport Canada

**TABLE A6-8: TONNAGE ORIGINATING BY RAILWAY SECTOR, 1990 – 2001**

(Thousands of tonnes)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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
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
Shortlines	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
<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>

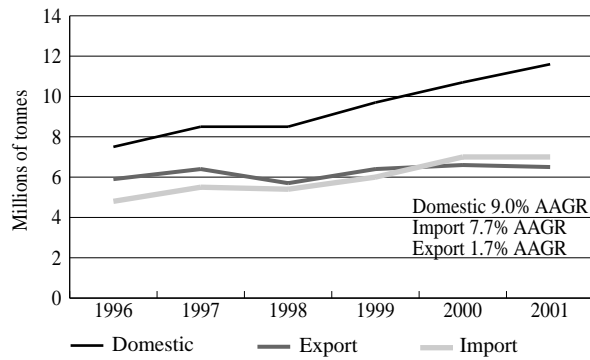
Source: Transport Canada, Statistics Canada

**TABLE A6-9: ANNUAL RAIL CAR LOADINGS BY COMMODITY, 1992 – 2002**

	Total Tonnes Loaded by Commodity										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Grain	36,922.2	31,430.6	39,064.7	31,474.7	30,197.9	35,757.1	28,152.6	26,527.3	30,853.0	30,427.9	21,848.1
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	6,311.9	7,660.4	7,095.0	5,833.5
Coal	33,554.1	35,213.7	37,931.1	40,352.9	40,403.9	42,105.5	39,166.2	43,292.0	40,597.4	41,433.9	36,874.1
Fertilizer materials	20,929.3	19,828.9	23,597.9	25,334.1	25,180.8	27,846.1	26,922.0	26,004.4	27,150.9	24,472.1	26,119.1
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	32,262.7	38,964.1	28,978.0	30,282.6
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	22,955.0	24,533.3	25,081.9	25,414.1
Processed forest products	16,472.0	18,021.9	18,320.3	17,934.9	17,965.5	17,355.4	19,653.2	22,472.7	23,735.4	24,059.1	25,832.2
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	16,581.2	16,615.5	16,437.9	19,096.3
<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>39,053.9</b>	<b>40,350.9</b>	<b>40,497.0</b>	<b>44,928.6</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	9,139.0	9,258.2	9,677.5	10,642.6
Autos and parts	2,795.1	3,021.7	3,386.7	3,609.9	3,498.3	4,117.2	3,573.7	4,914.4	5,073.1	4,869.7	5,780.5
Refined petroleum products	6,584.7	5,012.8	4,373.1	4,939.1	4,701.2	5,202.8	10,529.0	10,930.1	11,340.3	12,002.1	11,321.9
Chemicals	12,878.4	13,123.5	13,871.6	13,704.5	13,274.9	13,582.7	15,112.5	13,510.4	14,488.1	14,226.2	14,984.7
Miscellaneous	4,446.6	4,877.1	5,151.7	4,670.7	4,759.6	4,983.1	5,169.5	1,765.1	1,846.6	1,828.7	1,693.1
Car load traffic loaded	208,765.4	212,232.8	237,680.7	236,139.7	231,602.5	248,908.0	239,002.6	236,666.2	252,116.3	240,589.9	235,722.9
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	21,926.4	23,251.2	25,526.3
<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>260,378.7</b>	<b>274,042.6</b>	<b>263,841.1</b>	<b>261,249.2</b>
Western Tonnes Loaded by Commodity											
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Grain	36,052.1	30,402.5	38,070.8	30,407.0	29,207.9	34,870.3	27,390.0	25,420.3	29,912.9	29,814.7	21,361.0
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	5,162.9	6,467.4	5,998.2	4,344.7
Coal	28,368.4	30,974.1	34,084.9	37,620.1	37,272.4	39,195.4	36,964.6	39,813.4	36,702.3	36,824.7	33,027.0
Fertilizer materials	18,495.7	17,680.9	21,113.6	22,984.2	22,571.1	25,841.0	25,274.1	24,598.6	25,238.8	22,381.5	23,895.3
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
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	4,789.7	5,592.1	5,350.5	5,540.4
Processed forest products	9,900.1	10,521.7	10,545.7	10,103.9	10,227.1	9,721.8	11,175.9	10,923.5	11,245.4	12,098.7	13,475.0
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	11,288.5	11,120.5	11,067.8	12,548.2
<b>Total forest</b>	<b>22,219.9</b>	<b>22,886.3</b>	<b>24,346.2</b>	<b>24,568.2</b>	<b>24,330.9</b>	<b>25,083.3</b>	<b>23,666.3</b>	<b>22,212.0</b>	<b>22,365.9</b>	<b>23,166.4</b>	<b>26,023.2</b>
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	1,960.3	2,035.5	2,135.2	2,335.9
Autos and parts	317.0	263.4	286.0	257.6	282.4	381.2	400.8	350.7	378.9	513.8	554.6
Refined petroleum products	2,361.7	2,150.2	2,103.2	2,586.9	2,569.3	2,386.8	3,745.8	4,518.7	4,724.6	4,657.4	4,370.8
Chemicals	6,133.9	6,053.8	6,739.2	7,135.5	6,871.4	6,556.4	6,767.2	6,582.4	6,932.8	7,072.1	7,488.2
Miscellaneous	2,006.2	2,254.8	2,227.1	1,966.6	2,089.9	2,188.2	2,633.2	435.8	538.1	739.9	731.3
Car load traffic loaded	121,468.9	120,713.1	137,814.1	136,602.8	134,125.8	146,096.8	137,540.4	135,844.9	140,889.2	138,664.3	129,672.6
Intermodal	3,446.9	3,632.3	4,974.2	5,332.6	5,502.0	5,875.2	6,248.3	8,901.1	8,131.8	8,568.1	9,866.1
<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>144,746.0</b>	<b>149,021.0</b>	<b>147,232.4</b>	<b>139,538.6</b>
Eastern Tonnes Loaded by Commodity											
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Grain	870.0	1,028.1	993.9	1,067.7	990.0	886.8	762.7	1,107.1	940.2	613.2	487.0
Other agricultural and food products	1,062.1	1,120.6	920.2	816.3	909.6	1,005.8	902.2	1,149.0	1,193.0	1,096.8	1,488.7
Coal	5,185.7	4,239.7	3,846.2	2,732.8	3,131.4	2,910.2	2,201.6	3,478.6	3,895.1	4,609.2	3,847.1
Fertilizer materials	2,433.6	2,148.0	2,484.3	2,349.8	2,609.7	2,005.1	1,647.9	1,405.8	1,912.1	2,090.6	2,223.8
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	32,262.6	38,964.1	28,968.0	30,282.5
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	18,165.3	18,941.2	19,731.4	19,873.7
Processed forest products	6,571.8	7,500.1	7,774.6	7,831.0	7,738.5	7,633.6	8,477.3	11,549.2	12,490.1	11,960.4	12,357.2
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	5,292.7	5,495.0	5,370.2	6,548.2
<b>Total forest</b>	<b>11,445.9</b>	<b>13,462.0</b>	<b>15,013.1</b>	<b>15,597.6</b>	<b>16,337.8</b>	<b>16,542.9</b>	<b>12,640.6</b>	<b>16,841.9</b>	<b>17,985.0</b>	<b>17,330.6</b>	<b>18,905.4</b>
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	7,178.7	7,222.7	7,542.3	8,306.7
Autos and parts	2,478.1	2,758.3	3,100.7	3,352.3	3,216.0	3,736.0	3,172.9	4,563.7	4,694.2	4,355.9	5,226.0
Refined petroleum products	4,223.0	2,862.7	2,269.9	2,352.2	2,131.9	2,816.0	6,783.2	6,411.3	6,615.7	7,344.7	6,951.1
Chemicals	6,744.5	7,069.7	7,132.5	6,569.0	6,403.5	7,026.3	8,345.3	6,928.0	7,555.3	7,197.1	7,496.5
Miscellaneous	2,440.4	2,622.3	2,924.6	2,704.1	2,669.7	2,794.9	2,536.4	1,329.2	1,308.5	1,088.8	961.8
Car load traffic loaded	87,296.5	91,519.8	99,866.6	99,537.0	97,476.7	102,811.2	101,462.3	100,821.3	111,227.1	101,968.6	106,050.3
Intermodal	7,739.1	8,515.3	10,294.3	10,635.1	11,015.7	11,828.6	11,358.9	14,811.4	13,794.5	14,683.1	15,660.2
<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>115,632.6</b>	<b>125,021.6</b>	<b>116,651.7</b>	<b>121,710.6</b>

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

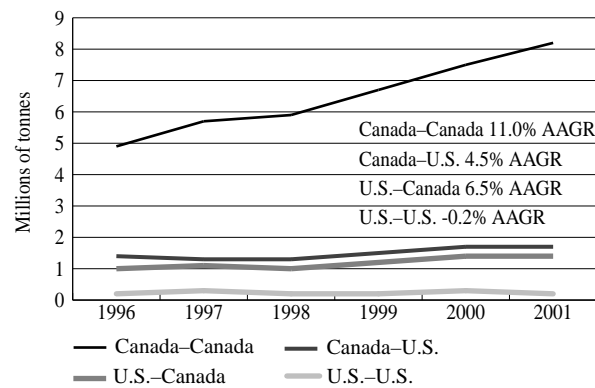
FIGURE A6-1: RAIL INTERMODAL TRAFFIC, 1996 – 2001



Note: AAGR: average annual growth rate.

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

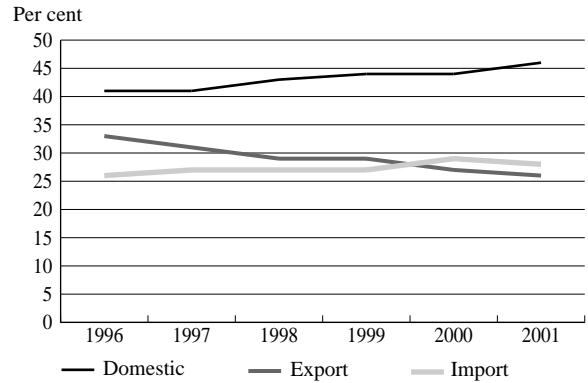
FIGURE A6-2: ORIGIN AND DESTINATION OF DOMESTIC INTERMODAL TRAFFIC, 1996 – 2001



Note: AAGR: average annual growth rate.

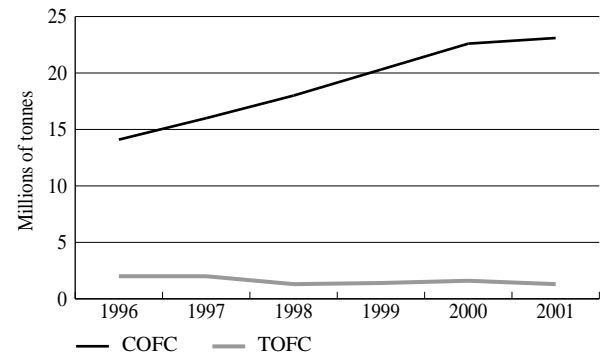
Source: Statistics Canada, Cat. 52-001; Transport Canada

FIGURE A6-3: SEGMENT SHARE OF RAIL INTERMODAL TRAFFIC, 1996 – 2001



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

FIGURE A6-4: RAIL COFC AND TOFC GROWTH, 1996 – 2001



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

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

**TABLE A6-10: RAIL EXPORTS AND IMPORTS BY COMMODITY, 1996 – 2002**

(Thousands of tonnes)

<i>Exports</i>	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	1,191.2	1,251.3	1,419.6	1,388.8	1,571.6	1,588.7	1,335.2
Automotive	2,019.9	2,108.6	1,943.7	2,694.7	2,892.2	2,644.6	2,863.1
Chemicals	8,656.5	8,951.1	8,892.1	8,868.8	9,148.2	8,788.3	9,789.2
Coal	760.3	331.2	464.9	409.4	1,216.3	1,563.0	1,426.5
Fertilizer materials	7,028.8	8,147.0	8,286.8	7,955.0	8,559.0	7,958.3	7,964.5
Forest	17,335.6	18,240.3	19,653.0	21,114.1	22,549.0	23,432.8	24,762.0
Grains	2,622.8	3,884.0	4,144.2	4,407.9	4,522.3	5,164.8	3,923.5
Iron ore	44.9	75.9	24.3	50.9	52.0	140.1	405.3
Metals	3,231.4	3,356.0	3,529.5	3,484.8	3,941.4	3,881.2	4,153.8
Miscellaneous	639.6	704.8	910.2	852.1	1,003.9	1,180.1	689.0
Other mine products	3,473.3	3,439.0	3,830.5	4,410.9	4,482.3	4,130.5	3,597.3
Petroleum	2,700.8	2,841.4	3,209.7	3,373.4	3,751.9	4,134.9	4,301.3
<b>Total</b>	<b>49,705.1</b>	<b>53,330.7</b>	<b>56,308.5</b>	<b>59,010.8</b>	<b>63,690.0</b>	<b>64,607.4</b>	<b>65,210.6</b>
<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	1,300.8	1,420.4	1,379.1	2,004.8	2,190.2	3,133.7	2,406.9
Automotive	1,055.4	1,257.9	1,196.0	1,168.4	1,219.7	1,089.0	1,018.5
Chemicals	3,398.9	3,958.3	4,154.0	4,440.6	4,651.1	4,883.4	4,932.4
Coal	74.4	149.9	176.0	160.1	151.3	100.3	133.9
Fertilizer materials	73.5	73.1	80.9	69.0	85.3	52.8	66.8
Forest	1,118.8	1,148.2	1,128.2	1,061.9	2,207.6	1,174.1	1,103.1
Grains	349.3	515.0	400.7	453.2	649.5	1,856.9	2,418.7
Iron ore	128.1	458.3	59.1	356.1	488.2	1,382.5	1,298.8
Metals	1,132.7	1,772.0	1,340.0	1,396.7	1,409.6	1,261.3	1,350.2
Miscellaneous	1,761.1	1,800.3	1,704.4	1,448.3	1,698.3	1,841.4	1,649.6
Other mine products	942.9	875.7	1,775.7	2,203.5	2,355.3	2,483.5	2,583.3
Petroleum	575.3	472.1	672.5	406.8	518.3	554.5	643.8
<b>Total</b>	<b>11,911.4</b>	<b>13,901.1</b>	<b>14,066.8</b>	<b>15,169.4</b>	<b>17,624.3</b>	<b>19,813.4</b>	<b>19,606.1</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-11: RAIL EXPORTS AND IMPORTS BY COMMODITY, 1996 – 2002**

(Millions of dollars)

<i>Exports</i>	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	849.6	835.6	902.1	820.5	799.2	854.5	904.4
Automotive	24,402.3	26,107.0	26,376.9	38,441.2	41,149.3	39,733.6	41,308.6
Chemicals	3,639.1	4,294.0	4,226.1	4,564.3	5,752.3	6,110.9	5,948.4
Coal	63.1	23.9	38.1	39.3	106.9	155.4	153.2
Fertilizer materials	678.9	783.6	1,013.6	997.0	1,026.5	997.1	1,074.3
Forest	12,306.4	12,461.8	13,679.8	15,331.5	16,034.0	15,714.4	14,848.0
Grains	659.5	865.1	742.7	682.5	686.6	835.1	744.7
Iron ore	2.6	3.9	0.7	2.0	1.2	6.9	16.8
Metals	5,227.9	5,766.0	5,721.3	5,775.8	6,675.9	7,191.0	7,429.8
Miscellaneous	1,694.5	1,672.8	2,447.4	2,213.3	1,502.5	1,655.2	1,215.4
Other mine products	233.7	280.3	313.6	399.5	401.3	392.3	455.1
Petroleum	771.1	784.9	749.2	880.2	1,456.8	1,622.0	1,539.6
<b>Total</b>	<b>50,528.7</b>	<b>53,878.9</b>	<b>56,211.6</b>	<b>70,147.2</b>	<b>75,592.6</b>	<b>75,268.4</b>	<b>75,638.3</b>
<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002
Agricultural and food	539.4	603.2	646.5	643.2	673.0	853.6	924.8
Automotive	7,917.5	9,980.6	9,520.9	9,272.0	10,102.2	10,025.5	11,981.8
Chemicals	2,840.5	3,432.7	3,668.5	3,909.9	4,389.3	4,606.3	4,530.1
Coal	9.4	13.7	17.1	15.2	14.0	8.0	6.7
Fertilizer materials	15.2	17.3	17.7	12.7	15.4	10.4	12.6
Forest	506.9	576.1	601.8	639.7	833.2	797.6	734.4
Grains	124.0	163.5	138.0	149.4	180.4	354.4	477.6
Iron ore	5.2	20.8	1.9	18.5	24.3	73.8	68.3
Metals	1,117.8	1,683.9	1,628.6	1,215.2	1,213.2	1,206.7	1,277.7
Miscellaneous	531.0	941.9	969.1	662.7	880.2	1,304.2	1,074.3
Other mine products	75.7	85.2	89.8	103.3	96.6	118.3	127.8
Petroleum	136.0	155.0	190.2	157.9	233.1	246.9	260.0
<b>Total</b>	<b>13,818.7</b>	<b>17,674.1</b>	<b>17,490.1</b>	<b>16,799.9</b>	<b>18,654.8</b>	<b>19,605.7</b>	<b>21,476.3</b>

Source: Adapted from Statistics Canada by Transport Canada



**TABLE A6-12: RAIL EXPORTS BY PROVINCE OF ORIGIN, 1996 – 2002**

(Thousands of tonnes)

	1996	1997	1998	1999	2000	2001	2002
Ontario	13,948.8	14,701.1	16,054.4	17,257.6	19,306.8	18,446.5	17,875.5
Saskatchewan	8,306.9	10,407.4	10,760.6	10,887.3	11,506.7	11,120.2	10,726.8
British Columbia	8,982.3	8,402.3	8,633.1	8,857.2	9,834.2	10,956.5	12,097.3
Alberta	8,253.5	8,898.3	8,842.6	9,015.3	9,568.6	9,865.1	10,542.3
Quebec	7,765.9	8,132.7	8,391.1	8,534.6	8,915.1	9,135.8	9,045.1
Manitoba	1,270.9	1,736.8	1,834.6	2,084.5	2,117.7	2,188.9	2,045.8
New Brunswick	791.2	706.9	1,227.9	1,384.7	1,232.2	1,623.2	1,595.3
Nova Scotia	361.5	282.0	538.5	941.7	1,144.6	1,080.8	1,121.7
Newfoundland and Labrador	22.9	58.7	16.7	18.4	31.9	163.8	137.1
Prince Edward Island	1.1	2.9	6.7	17.3	18.5	25.1	21.1
Yukon		0.3	1.0	10.0	11.8	1.4	
Northwest Territories	0.3	1.4	1.2	2.4	2.0	0.2	2.7
<b>Total</b>	<b>49,705.1</b>	<b>53,330.7</b>	<b>56,308.5</b>	<b>59,010.8</b>	<b>63,690.0</b>	<b>64,607.4</b>	<b>65,210.6</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-13: RAIL EXPORTS BY PROVINCE OF ORIGIN, 1996 – 2002**

(Millions of dollars)

	1996	1997	1998	1999	2000	2001	2002
Ontario	31,260.9	33,141.0	34,946.0	46,672.4	50,808.0	50,016.0	51,367.6
Quebec	8,104.0	8,627.8	8,511.7	9,246.9	10,125.7	10,033.8	8,898.2
British Columbia	5,028.9	5,107.3	4,787.3	5,584.5	5,422.0	5,282.2	5,539.9
Alberta	3,023.8	3,210.9	3,205.7	3,669.8	4,341.5	4,774.9	4,713.1
Saskatchewan	1,344.9	1,738.5	2,055.1	2,005.5	2,111.5	2,084.1	2,141.2
Manitoba	672.5	985.3	1,228.8	1,195.8	1,038.4	1,165.1	1,269.1
New Brunswick	649.6	505.6	915.4	971.2	947.9	1,059.4	991.2
Nova Scotia	440.7	551.5	545.9	766.4	756.7	811.7	668.4
Newfoundland and Labrador	2.2	8.4	10.2	13.8	20.8	22.1	14.9
Prince Edward Island	0.9	1.2	4.0	12.3	11.6	18.3	19.8
Northwest Territories	0.3	1.0	0.9	1.7	1.2	0.1	15.0
Yukon	0.0	0.2	0.6	7.0	7.3	0.8	0.0
<b>Total</b>	<b>50,528.7</b>	<b>53,878.9</b>	<b>56,211.6</b>	<b>70,147.2</b>	<b>75,592.6</b>	<b>75,268.4</b>	<b>75,638.3</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-14: RAIL IMPORTS BY PROVINCE OF CLEARANCE, 1996 – 2002**

(Thousands of tonnes)

	1996	1997	1998	1999	2000	2001	2002
Ontario	5,916.5	7,237.6	6,762.9	7,532.5	8,263.5	10,069.9	9,274.2
Quebec	1,838.1	1,898.5	1,878.0	2,015.7	2,962.0	2,346.3	2,158.9
British Columbia	1,054.4	1,056.4	1,892.5	2,127.7	2,487.0	2,617.6	2,623.9
Alberta	807.6	1,154.3	1,261.1	1,217.4	1,443.8	2,038.6	2,876.2
Saskatchewan	981.4	1,134.2	778.0	980.3	970.1	1,093.2	1,251.7
Manitoba	680.6	788.2	796.1	812.4	869.3	1,075.2	1,052.3
New Brunswick	564.7	603.3	678.6	461.1	605.0	560.6	355.6
Nova Scotia	68.2	28.6	19.4	22.3	23.7	11.8	13.3
Newfoundland and Labrador	0.0	0.0	0.0	0.0	0.0	0.1	
Prince Edward Island	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Yukon	0.0	0.0	0.0	0.1	0.0	0.0	
<b>Total</b>	<b>11,911.4</b>	<b>13,901.1</b>	<b>14,066.8</b>	<b>15,169.4</b>	<b>17,624.3</b>	<b>19,813.4</b>	<b>19,606.1</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-15: RAIL IMPORTS BY PROVINCE OF CLEARANCE, 1996 – 2002**

(Millions of dollars)

	1996	1997	1998	1999	2000	2001	2002
Ontario	9,935.0	12,732.4	12,176.3	11,876.9	12,829.4	13,265.4	15,217.2
Quebec	1,583.2	1,826.5	1,787.3	1,829.5	2,145.8	2,034.7	1,955.2
Alberta	590.0	976.3	1,470.9	1,120.2	1,416.9	2,099.4	1,936.3
British Columbia	717.2	882.4	913.8	867.8	1,104.8	1,118.1	1,238.9
Saskatchewan	420.5	603.3	426.8	491.8	493.8	423.6	453.0
Manitoba	334.8	383.0	397.1	335.1	335.1	323.5	367.6
New Brunswick	190.5	207.0	264.0	216.1	254.0	267.8	240.0
Nova Scotia	47.5	63.2	53.8	62.4	74.9	73.1	68.1
Prince Edward Island	0.0	0.0	0.1	0.0	0.1	0.0	0.0
Newfoundland and Labrador	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Yukon	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>13,818.7</b>	<b>17,674.1</b>	<b>17,490.1</b>	<b>16,799.9</b>	<b>18,654.8</b>	<b>19,605.7</b>	<b>21,476.3</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-16: MAJOR COMMODITIES EXPORTED BY TOP THREE PROVINCES OF ORIGIN, 1996 – 2002**

(Thousands of tonnes)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002
Ontario	Forest	3,337.7	3,740.4	4,096.0	4,083.4	4,716.0	4,595.1	4,865.1
	Chemicals	2,972.6	3,522.2	3,584.6	3,647.6	3,829.2	3,807.9	4,112.7
	Ores & mine products	2,340.4	2,323.2	2,546.6	3,063.4	3,460.8	2,956.8	2,153.8
	Automotive	1,878.7	1,909.6	1,828.0	2,586.0	2,780.0	2,564.0	2,785.8
	Other	3,419.3	3,205.7	3,999.3	3,877.1	4,520.8	4,522.6	3,958.2
	<b>Total</b>	<b>13,948.8</b>	<b>14,701.1</b>	<b>16,054.4</b>	<b>17,257.6</b>	<b>19,306.8</b>	<b>18,446.5</b>	<b>17,875.5</b>
British Columbia	Forest	6,509.4	6,400.3	6,247.1	6,483.6	6,775.4	7,391.6	8,389.3
	Grains	80.1	289.9	887.0	911.0	970.3	1,392.5	1,072.9
	Coal	415.0	304.9	191.5	195.2	855.1	904.3	1,108.0
	Ores & mine products	574.7	437.5	526.6	480.9	391.6	529.2	621.2
	Other	1,403.1	969.6	780.8	786.5	841.7	738.8	905.9
	<b>Total</b>	<b>8,982.3</b>	<b>8,402.3</b>	<b>8,633.1</b>	<b>8,857.2</b>	<b>9,834.2</b>	<b>10,956.5</b>	<b>12,097.3</b>
Saskatchewan	Fertilizer materials	5,995.2	7,126.7	7,592.2	7,545.9	8,129.8	7,736.3	7,628.9
	Grains	1,048.2	1,795.6	1,597.5	1,751.1	1,678.1	1,802.3	1,463.6
	Forest	267.2	445.6	520.5	498.3	554.7	422.8	492.5
	Other	996.3	1,039.5	1,050.4	1,092.0	1,144.1	1,158.9	1,141.8
	<b>Total</b>	<b>8,306.9</b>	<b>10,407.4</b>	<b>10,760.6</b>	<b>10,887.3</b>	<b>11,506.7</b>	<b>11,120.2</b>	<b>10,726.8</b>
<b>Grand Total</b>		<b>31,238.0</b>	<b>33,510.7</b>	<b>35,448.1</b>	<b>37,002.0</b>	<b>40,647.7</b>	<b>40,523.2</b>	<b>40,699.7</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada by Transport Canada

TABLE A6-17: MAJOR COMMODITIES IMPORTED BY TOP THREE PROVINCES OF CLEARANCE, 1996 – 2002

(Thousands of tonnes)								
Province	Commodity	1996	1997	1998	1999	2000	2001	2002
Ontario	Chemicals	2,086.6	2,393.9	2,533.2	2,704.6	2,719.2	2,981.6	3,127.1
	Agricultural & food	697.7	812.5	780.4	1,281.4	1,443.8	2,102.4	1,235.7
	Automotive	948.8	1,141.6	1,083.1	1,048.6	1,042.5	942.1	878.8
	Other	2,183.5	2,889.6	2,366.2	2,497.9	3,058.0	4,043.8	4,032.6
	<b>Total</b>	<b>5,916.5</b>	<b>7,237.6</b>	<b>6,762.9</b>	<b>7,532.5</b>	<b>8,263.5</b>	<b>10,069.9</b>	<b>9,274.2</b>
Quebec	Chemicals	504.7	688.6	655.1	750.2	759.9	795.8	695.4
	Agricultural & food	356.1	264.8	271.9	294.3	287.5	374.3	333.3
	Forest	283.9	273.2	285.0	275.2	1,152.6	288.0	252.5
	Other	693.4	672.0	665.9	696.0	762.0	888.2	877.7
	<b>Total</b>	<b>1,838.1</b>	<b>1,898.5</b>	<b>1,878.0</b>	<b>2,015.7</b>	<b>2,962.0</b>	<b>2,346.3</b>	<b>2,158.9</b>
British Columbia	Ores & mine products	323.6	257.2	1,104.2	1,408.6	1,624.0	1,701.8	1,768.9
	Chemicals	152.9	181.6	171.8	185.5	236.5	216.7	171.2
	Forest	140.7	136.1	167.7	141.5	161.7	145.8	106.7
	Agricultural & food	78.6	85.8	125.1	123.8	164.0	239.8	232.0
	Other	358.6	395.6	323.8	268.4	300.8	313.5	345.1
<b>Total</b>	<b>1,054.4</b>	<b>1,056.4</b>	<b>1,892.5</b>	<b>2,127.7</b>	<b>2,487.0</b>	<b>2,617.6</b>	<b>2,623.9</b>	
<b>Grand Total</b>		<b>8,809.0</b>	<b>10,192.4</b>	<b>10,533.4</b>	<b>11,675.9</b>	<b>13,712.5</b>	<b>15,033.8</b>	<b>14,057.0</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada by Transport Canada

TABLE A6-18: MAJOR COMMODITIES EXPORTED BY TOP THREE PROVINCES OF ORIGIN, 1996 – 2002

(Millions of dollars)								
Province	Commodity	1996	1997	1998	1999	2000	2001	2002
Ontario	Automotive	22,747.1	23,995.2	24,666.7	36,498.0	39,123.7	38,252.3	40,085.8
	Forest	2,484.7	2,517.0	2,878.7	3,035.4	3,634.2	3,258.6	2,927.4
	Chemicals	1,524.9	2,243.9	2,222.6	2,433.2	3,181.7	3,131.4	3,030.5
	Metals	2,322.0	2,234.7	2,258.7	2,371.9	2,884.2	2,975.0	3,367.2
	Other	2,182.2	2,150.1	2,919.3	2,334.0	1,984.2	2,398.7	1,956.6
	<b>Total</b>	<b>31,260.9</b>	<b>33,141.0</b>	<b>34,946.0</b>	<b>46,672.4</b>	<b>50,808.0</b>	<b>50,016.0</b>	<b>51,367.6</b>
Quebec	Forest	3,522.7	3,374.8	3,573.7	3,736.5	4,037.3	4,138.7	3,670.3
	Metals	2,349.1	2,697.6	2,341.5	2,330.5	2,724.6	3,224.4	2,826.8
	Automotive	1,474.8	1,667.5	1,547.9	1,939.1	2,023.4	1,416.4	1,185.6
	Chemicals	489.7	549.0	703.7	679.5	761.8	775.1	750.2
	Other	267.8	339.0	345.0	561.3	578.5	479.2	465.3
	<b>Total</b>	<b>8,104.0</b>	<b>8,627.8</b>	<b>8,511.7</b>	<b>9,246.9</b>	<b>10,125.7</b>	<b>10,033.8</b>	<b>8,898.2</b>
British Columbia	Forest	4,378.2	4,474.0	4,155.6	4,888.8	4,645.4	4,680.0	4,803.4
	Chemicals	292.2	393.6	472.3	512.0	521.5	330.6	400.1
	Metals	218.1	131.3	75.4	73.5	93.4	87.3	95.2
	Coal	23.1	16.7	12.6	13.1	71.0	86.6	107.2
	Other	117.3	91.7	71.4	97.1	90.6	97.8	133.9
	<b>Total</b>	<b>5,028.9</b>	<b>5,107.3</b>	<b>4,787.3</b>	<b>5,584.5</b>	<b>5,422.0</b>	<b>5,282.2</b>	<b>5,539.9</b>
<b>Grand Total</b>		<b>44,393.8</b>	<b>46,876.1</b>	<b>48,245.0</b>	<b>61,503.8</b>	<b>66,355.7</b>	<b>65,331.9</b>	<b>65,805.7</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-19: MAJOR COMMODITIES IMPORTED BY TOP THREE PROVINCES OF CLEARANCE, 1996 – 2002**

(Millions of dollars)

Province	Commodity	1996	1997	1998	1999	2000	2001	2002
Ontario	Automotive	6,706.7	8,616.5	8,109.0	7,920.9	8,355.5	8,338.7	10,150.2
	Chemicals	1,807.4	2,096.9	2,252.7	2,386.2	2,673.4	2,895.7	2,924.4
	Metals	489.5	625.4	568.7	469.6	387.0	377.8	360.1
	Other	931.4	1,393.6	1,245.8	1,100.1	1,413.4	1,653.2	1,782.4
	<b>Total</b>	<b>9,935.0</b>	<b>12,732.4</b>	<b>12,176.3</b>	<b>11,876.9</b>	<b>12,829.4</b>	<b>13,265.4</b>	<b>15,217.2</b>
Quebec	Automotive	704.2	761.4	802.1	752.4	958.5	870.0	925.6
	Chemicals	412.0	548.9	490.3	551.9	623.6	590.8	520.0
	Forest	115.7	122.1	130.8	127.6	136.4	138.6	150.4
	Agricultural & food	121.8	103.9	119.8	135.3	129.6	141.5	115.3
	Other	229.5	290.2	244.3	262.4	297.8	293.9	244.0
	<b>Total</b>	<b>1,583.2</b>	<b>1,826.5</b>	<b>1,787.3</b>	<b>1,829.5</b>	<b>2,145.8</b>	<b>2,034.7</b>	<b>1,955.2</b>
Alberta	Chemicals	241.2	333.8	383.1	426.3	544.6	547.5	527.0
	Metals	115.8	314.0	467.6	274.1	314.4	429.4	437.9
	Automotive	55.6	94.7	127.1	112.1	170.2	199.4	247.5
	Other	177.5	233.8	493.1	307.7	387.7	923.0	723.8
	<b>Total</b>	<b>590.0</b>	<b>976.3</b>	<b>1,470.9</b>	<b>1,120.2</b>	<b>1,416.9</b>	<b>2,099.4</b>	<b>1,936.3</b>
<b>Grand Total</b>		<b>12,108.2</b>	<b>15,535.2</b>	<b>15,434.5</b>	<b>14,826.6</b>	<b>16,392.2</b>	<b>17,399.4</b>	<b>19,108.7</b>

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-20: RAIL EXPORTS BY PORT CLEARED, 1996 – 2002**

(Thousands of tonnes)

Exports	1996	1997	1998	1999	2000	2001	2002
Fort Frances	9,801.5	11,009.7	10,739.5	11,503.0	11,609.2	13,691.8	14,256.9
Sarnia	6,611.7	7,762.7	7,951.7	9,323.2	10,862.5	11,314.5	10,985.4
North Portal	5,846.0	6,313.3	6,535.5	5,699.1	6,706.2	8,376.8	9,094.6
Fort Erie	5,266.6	5,419.8	6,126.7	6,264.5	6,976.6	5,730.8	5,588.4
Windsor	4,317.6	4,337.9	4,620.4	4,660.5	5,192.5	5,046.1	4,919.8
Emerson	3,999.8	4,558.3	4,674.3	4,669.9	5,091.6	4,979.9	5,073.4
White Rock	3,192.5	3,566.3	3,641.9	3,603.7	3,724.9	4,608.6	5,248.8
Kingsgate	1,618.0	1,765.6	2,602.1	3,553.8	4,278.4	3,774.7	3,902.1
Huntington	2,477.2	2,429.5	2,668.9	2,181.0	1,815.5	1,820.0	1,787.5
Coutts	1,433.8	1,403.2	1,288.9	1,363.0	1,256.3	1,397.2	1,608.5
Other	5,140.5	4,764.3	5,458.7	6,189.0	6,176.2	3,867.1	2,745.3
<b>Total</b>	<b>49,705.1</b>	<b>53,330.7</b>	<b>56,308.5</b>	<b>59,010.8</b>	<b>63,690.0</b>	<b>64,607.4</b>	<b>65,210.6</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-21: RAIL EXPORTS BY PORT CLEARED, 1996 – 2002**

(Millions of dollars)

Imports	1996	1997	1998	1999	2000	2001	2002
Sarnia	13,525.6	16,357.0	16,653.1	24,694.0	33,286.0	31,916.1	30,618.0
Fort Erie	10,218.5	9,565.8	14,673.5	17,052.1	12,984.0	11,365.7	11,528.6
Windsor	11,362.9	11,988.1	7,909.7	9,956.6	10,083.1	12,365.3	14,615.5
Fort Frances	4,783.2	5,389.5	5,248.0	5,626.6	5,513.1	6,149.6	6,558.9
North Portal	1,675.7	1,874.9	2,113.8	2,268.3	2,541.0	2,901.7	2,882.3
White Rock	1,467.4	1,617.8	1,557.5	1,835.3	1,957.5	2,409.4	2,442.2
Huntington	1,847.0	1,741.5	1,971.2	1,567.6	1,482.5	1,474.8	1,172.4
Emerson	1,376.5	1,273.3	1,410.6	1,470.6	1,714.8	1,583.1	1,597.2
Lacolle	736.0	645.7	686.3	1,247.1	1,250.7	1,356.3	1,107.3
Sault Ste. Marie	584.2	605.9	694.7	689.7	801.9	821.2	795.7
Other	2,951.7	2,819.3	3,293.1	3,739.4	3,977.9	2,925.1	2,320.1
<b>Total</b>	<b>50,528.7</b>	<b>53,878.9</b>	<b>56,211.6</b>	<b>70,147.2</b>	<b>75,592.6</b>	<b>75,268.4</b>	<b>75,638.3</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-22: RAIL IMPORTS BY PORT CLEARED, 1996 – 2002**

(Thousands of tonnes)

<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002
Sarnia	1,538.6	1,760.6	1,834.8	1,996.5	2,184.8	2,901.8	2,892.9
Toronto	870.0	1,135.0	1,276.5	1,383.1	1,598.0	1,728.7	1,637.6
Sault Ste. Marie	380.2	627.8	146.9	452.4	560.9	1,413.2	1,425.3
Montreal	1,293.1	1,368.1	1,284.6	1,384.9	1,482.4	1,566.1	1,300.5
Calgary	328.7	458.4	585.1	568.4	571.2	752.0	1,057.4
Edmonton	329.2	462.7	536.2	556.5	753.3	832.8	978.7
Huntingdon	311.5	280.3	1,202.2	1,439.8	1,647.0	1,491.2	60.5
Vancouver	318.7	421.7	366.7	447.3	490.5	703.3	2,116.3
Hamilton	321.3	526.8	256.2	343.3	921.1	990.2	741.4
Winnipeg	290.5	451.0	554.7	591.4	735.5	883.1	527.7
Other	5,929.4	6,408.7	6,022.8	6,005.9	6,679.5	6,550.9	6,867.8
<b>Totals</b>	<b>11,911.4</b>	<b>13,901.1</b>	<b>14,066.8</b>	<b>15,169.4</b>	<b>17,624.3</b>	<b>19,813.4</b>	<b>19,606.1</b>

Note: Tonnage estimated by Statistics Canada.

Source: Adapted from Statistics Canada by Transport Canada

**TABLE A6-23: RAIL IMPORTS BY PORT CLEARED, 1996 – 2002**

(Millions of dollars)

<i>Imports</i>	1996	1997	1998	1999	2000	2001	2002
Windsor	1,743.5	2,789.5	3,207.8	3,293.4	3,623.7	3,951.7	3,488.4
Sarnia	2,066.9	2,046.4	1,948.5	1,898.0	1,860.9	1,925.3	2,647.8
Toronto	1,285.8	1,955.8	2,050.2	2,205.3	2,727.6	2,673.2	2,860.6
Ontario <sup>1</sup>	1,543.5	2,354.4	1,432.9	1,521.2	1,755.8	1,816.7	n/a
Montreal	981.6	1,369.5	1,290.7	1,364.0	1,671.4	1,595.4	1,615.1
Oakville	982.3	1,144.7	1,247.7	818.1	690.9	698.2	1,838.3
Vancouver	514.5	615.5	685.7	727.4	877.3	901.9	1,066.5
Calgary	221.8	357.2	747.4	503.4	664.3	1,244.6	1,051.4
Oshawa	37.6	72.5	83.4	227.8	540.4	591.3	2,883.6
Edmonton	305.9	522.1	657.7	586.7	703.9	751.3	704.4
Other	4,135.3	4,446.6	4,138.3	3,654.6	3,538.6	3,456.1	3,320.1
<b>Total</b>	<b>13,818.7</b>	<b>17,674.1</b>	<b>17,490.1</b>	<b>16,799.9</b>	<b>18,654.8</b>	<b>19,605.7</b>	<b>21,476.3</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 by Transport Canada

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

(Thousands of tonnes)

	1996	1997	1998	1999	2000	2001	2002
Exports	90,169.5	97,054.9	86,914.3	85,814.4	87,932.7	83,234.9	71,868.8
Imports	6,754.4	7,149.8	7,005.1	7,109.1	7,925.2	7,741.3	8,607.0
<b>Grand Total</b>	<b>96,923.8</b>	<b>104,204.8</b>	<b>93,919.4</b>	<b>92,923.4</b>	<b>95,858.0</b>	<b>90,976.2</b>	<b>80,475.7</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	27,039.8	25,175.9
Alberta	28,497.5	27,094.3	26,505.9	26,400.6	23,459.1	21,896.6	18,148.6
Saskatchewan	20,453.0	25,387.6	21,038.8	20,001.3	24,219.5	20,318.0	15,508.3
Manitoba	4,698.4	6,022.5	4,036.3	3,761.1	4,052.1	4,815.6	4,024.9
Nova Scotia	3,243.7	3,329.1	3,037.3	3,149.7	2,873.3	2,681.2	2,973.3
Ontario	2,166.7	2,726.3	2,593.0	2,249.1	2,586.7	2,566.0	2,613.7
Quebec	1,624.4	1,639.5	1,258.2	1,351.4	1,494.0	1,489.6	1,483.4
New Brunswick	180.9	53.2	41.1	536.2	528.9	847.3	910.2
Newfoundland	0.1	1.7	0.2	0.0	0.0	0.0	0.0
Prince Edward Island	0.0	0.1	0.0	0.0	0.0	0.0	0.0
U.S.	2,397.8	2,285.7	1,820.9	1,864.7	1,631.0	1,581.0	1,030.5
<b>Total</b>	<b>90,151.9</b>	<b>97,054.9</b>	<b>86,914.3</b>	<b>85,814.4</b>	<b>87,932.7</b>	<b>83,234.9</b>	<b>71,868.8</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	4,441.0	4,870.7	5,020.2	4,685.0	6,044.5	5,654.1	3,815.5
Automotive	120.5	116.6	82.0	153.1	125.0	131.6	155.2
Chemicals	2,792.6	2,009.2	2,196.6	2,458.5	2,364.2	2,184.6	2,196.6
Coal	35,010.7	37,310.6	34,919.8	33,730.8	31,337.4	31,188.2	28,573.6
Fertilizer materials	9,003.2	8,494.7	8,971.2	10,175.6	9,646.7	8,015.6	9,559.8
Forest	4,035.9	3,412.3	4,198.5	4,028.1	4,225.5	4,095.4	3,662.1
Grains	25,575.9	31,199.8	22,861.4	21,802.3	25,278.8	23,874.3	16,039.9
Metals	138.4	124.7	85.2	46.9	46.9	48.2	86.7
Miscellaneous	196.9	201.7	230.5	243.2	214.7	186.2	127.3
Ores and mine products	4,214.5	4,063.5	3,892.5	3,845.9	3,877.3	3,479.9	3,623.7
Petroleum	8.4	4.6	10.5	8.9	5.2	6.5	11.8
Mixed/unidentified <sup>1</sup>	4,631.7	5,246.5	4,445.9	4,636.1	4,766.7	4,370.2	4,016.6
<b>Grand Total</b>	<b>90,169.5</b>	<b>97,054.9</b>	<b>86,914.3</b>	<b>85,814.4</b>	<b>87,932.7</b>	<b>83,234.9</b>	<b>71,868.8</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	3,202.2	3,657.2
Quebec	1,263.2	1,211.0	1,067.1	1,055.1	1,331.7	1,375.1	1,560.4
Alberta	1,291.6	1,303.4	1,365.2	944.9	601.6	474.7	432.8
British Columbia	200.6	198.8	195.9	201.9	215.1	233.5	243.5
Manitoba	69.3	76.5	78.6	70.9	78.0	80.0	93.9
Saskatchewan	25.3	35.5	35.1	32.8	35.9	34.7	40.2
New Brunswick	5.2	8.0	23.9	34.0	39.0	39.0	5.2
Nova Scotia	2.9	4.3	7.8	6.8	8.0	3.5	7.9
Prince Edward Island	1.2	0.0	0.0	0.0	0.0	0.0	0.0
Newfoundland and Labrador	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United States	2,000.1	2,067.6	2,036.4	2,174.5	2,496.3	2,298.5	2,565.9
<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>7,741.3</b>	<b>8,607.0</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	45.9	28.5	38.6	65.3	66.2	89.3	103.2
Automotive	52.9	31.0	41.5	15.6	18.5	26.1	37.6
Chemicals	167.0	158.1	161.5	183.5	190.1	208.5	206.7
Coal	76.0	44.7			0.0	0.9	0.2
Fertilizer materials	1,024.4	1,051.0	1,121.5	718.8	293.0	95.5	30.0
Forest	30.7	22.7	33.3	30.3	35.0	27.7	43.4
Grains	25.6	9.7	11.8	4.4	26.0	5.5	7.8
Metals	105.4	98.8	127.6	72.9	114.3	117.8	121.0
Miscellaneous	70.1	46.4	61.6	27.4	15.1	22.3	33.5
Ores and mine products	554.7	319.5	232.3	245.6	374.7	467.4	376.5
Petroleum	1.6	0.9	1.4	2.0	3.3	17.0	22.9
Mixed/unidentified <sup>1</sup>	4,600.3	5,338.3	5,174.0	5,743.4	6,789.1	6,663.3	7,624.0
<b>Grand Total</b>	<b>6,754.4</b>	<b>7,149.8</b>	<b>7,005.1</b>	<b>7,109.1</b>	<b>7,925.2</b>	<b>7,741.3</b>	<b>8,607.0</b>

<sup>1</sup> Predominantly intermodal.

Source: Transport Canada

**TABLE A6-29: PASSENGER AND PASSENGER-KMS FOR VIA RAIL AND CLASS II CARRIERS, 1996 – 2001**

	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	353.4	4,218.4

	Passenge-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	88.3	1,570.5

Source: Transport Canada

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

<i>Year</i>	(Thousands)
1994	21,263
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, 1990 – 2002**

	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 – 2002**

	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

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 – 2001**

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

Note: Including motor for-hire carriers of freight earning annual revenues of \$30,000 or more.

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) 1999-2001; 2001 small for-hire carriers data estimated.



TABLE A7-4: TOTAL REVENUES BY URBAN TRANSIT OPERATORS, 1995 – 2001

(Millions of dollars)

	1995	1996	1997	1998	1999	2000	2001	AAGR 1995 – 2001
<b>Number of reporting companies</b>	80	77	65	62	66	67	66	
<b>Services</b>								
Urban transit services	1,454.4	1,531.5	1,620.8	1,648.3	1,761.3	1,888.5	1,927.6	4.8
Charter services	3.6	3.2	3.7	5.3	4.2	4.8	4.3	3.1
School bus serv.(home/school)	3.6	3.7	3.4	1.9	0.4	1.8	1.8	(10.5)
Other passenger bus services	5.4	5.8	6.9	5.5	5.1	6.7	7.1	4.5
Other operating revenues	78.3	77.2	77.4	82.9	83.8	98.3	111.5	6.1
<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>4.8</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	2.5
<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>3.5</b>

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

Note: AAGR: annual average growth rate.

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

TABLE A7-5: LONG-TERM TRENDS IN URBAN TRANSIT - PASSENGERS CARRIED &amp; VEHICLE-KILOMETRES, 1981 – 2001

	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>

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 A7-7: URBAN TRANSIT OPERATORS, 1995 – 2001

	Atlantic prov.	Quebec	Ontario	Prairies	British Columbia <sup>1</sup>	TOTAL Canada
1995	732	10,840	16,672	4,944	4,306	<b>37,494</b>
1996	704	10,810	15,980	4,956	4,402	<b>36,852</b>
1997	733	10,296	15,949	4,990	4,510	<b>36,478</b>
1998	685	10,177	15,647	4,675	4,683	<b>35,867</b>
1999	693	10,284	15,737	5,300	5,150	<b>37,164</b>
2000	681	10,379	16,025	5,283	5,407	<b>37,775</b>
2001	722	10,549	17,220	5,466	5,506	<b>39,463</b>

<sup>1</sup> BC including territories.

Note: Full-time employees only.

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

TABLE A7-6: URBAN TRANSIT FLEET COMPOSITION, 1995 – 2001

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

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

**TABLE A7-8: TOTAL FOR-HIRE TRUCK TRAFFIC ANNUAL TONNE-KILOMETRES, 1987-2001**

(Billion tonne-kilometres)

	<i>Intraprovincial</i>	<i>Interprovincial</i>	<i>International</i>	
1987	28.8	28.8	20.3	77.8
1988	27.9	30.0	26.3	84.2
1989	24.4	30.1	23.7	78.1
1990	23.8	30.9	23.1	77.8
1991	19.7	28.0	22.9	70.6
1992	20.9	26.8	25.2	72.9
1993	22.6	29.3	32.6	84.6
1994	25.8	34.3	41.7	101.9
1995	27.2	38.6	44.2	110.0
1996	29.4	42.1	49.6	121.1
1997	29.1	43.2	58.6	130.9
1998	29.6	47.1	61.4	138.1
1999	33.5	49.0	76.2	158.7
2000	33.1	51.6	80.2	165.0
2001	34.2	53.4	83.4	170.9

Source: Statistics Canada, *Trucking in Canada, Cat. 53-222, special tabulation; Transport Canada*

**TABLE A7-9: FOR-HIRE TRUCK TRAFFIC BY SECTOR AND PROVINCE, 2001**

(Billion tonne-kilometres)

	<i>Intraprov.</i>	<i>Interprov.</i>	<i>International</i>	<i>Total</i>	<i>Share Per cent</i>
Ontario	12.95	18.31	36.71	67.97	39.8
Quebec	6.82	9.44	20.09	36.35	21.3
Alberta	6.64	8.92	8.49	24.06	14.1
B.C.	4.21	6.25	7.13	17.59	10.3
Man., Sask. & Terr.	1.81	5.88	5.51	13.21	7.7
Atlantic Prov.	1.73	4.55	5.48	11.76	6.9
<b>Total</b>	<b>34.16</b>	<b>53.35</b>	<b>83.41</b>	<b>170.93</b>	<b>100.0</b>

Notes: Totals may not add due to rounding; Canadian-domiciled for-hire Class I and II carriers; "International" includes exports and imports; "Interprovincial" are loadings based; "Territories" include Yukon, Nunavut and Northwest Territories.

Source: Statistics Canada, *Special Tabulation*

**TABLE A7-10: FOR-HIRE TRUCK INTERNATIONAL TRAFFIC BY MAJOR FLOWS AND PROVINCE, 2001**

(Billion tonne-kilometres)

<i>Province</i>	<i>US Region*</i>	<i>Southbnd mov. "Exports"</i>	<i>Northbnd mov. "Imports"</i>	<i>Total</i>	<i>Share Per cent</i>
Ontario	US Central	9.21	7.87	17.08	20.5
Ontario	US South	4.89	5.59	10.48	12.6
Quebec	US North East	4.15	2.06	6.21	7.4
Quebec	US Central	3.55	2.23	5.78	6.9
Quebec	US South	3.25	2.48	5.72	6.9
Ontario	US North East	2.99	2.12	5.11	6.1
Prairie Prov.	US Central	2.65	2.45	5.10	6.1
B.C.	US West	2.86	1.83	4.70	5.6
Prairie Prov.	US West	2.16	1.74	3.90	4.7
Ontario	US West	1.66	2.18	3.84	4.6
Prairie Prov.	US South	1.89	1.91	3.80	4.6
<b>Subtotal</b>		<b>39.27</b>	<b>32.45</b>	<b>71.72</b>	<b>86.0</b>
Other movements		7.51	4.19	11.70	14.0
<b>Total:</b>		<b>46.78</b>	<b>36.64</b>	<b>83.41</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; US Central includes states bordering the Great Lakes and other central states such as North Dakota, South Dakota, Nebraska, Iowa, Kansas and Missouri; US West includes US Pacific states and US West Mountain states.

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

**TABLE A7-11: FOR-HIRE TRUCKING TRAFFIC BY SECTOR AND COMMODITY GROUP, 2001**

**SCTG COMMODITIES<sup>1</sup>** (Billion tonne-kilometres)

	<i>Domestic</i>	<i>Internat.</i>	<i>Total</i>	<i>Per cent</i>
Misc. & other manufact. prod.	21.54	15.50	37.04	21.7
Agric. & food products	17.10	14.74	31.85	18.6
Forest products	13.84	16.42	30.26	17.7
Base metal, steel & alloys prod.	8.38	9.48	17.85	10.4
Plastic & chemical products	5.27	8.13	13.40	7.8
Auto. & other transport prod.	1.81	6.17	7.98	4.7
Petroleum products	5.78	1.04	6.82	4.0
Machinery & equipment	2.83	3.99	6.82	4.0
Ores, minerals & concentrates	4.13	2.62	6.75	3.9
Cement & mineral non-met. prod.	3.76	2.91	6.67	3.9
Waste & scrap material	3.07	2.41	5.48	3.2
<b>TOTAL</b>	<b>87.51</b>	<b>83.41</b>	<b>170.93</b>	<b>100.0</b>

**SCTG COMMODITIES<sup>1</sup>** (Billion Dollars \$)

	<i>Domestic</i>	<i>Internat.</i>	<i>Total</i>	<i>Per cent</i>
Misc. & other manufact. prod.	2.23	1.60	3.82	25.9
Agric. & food products	1.38	0.99	2.37	16.0
Forest products	0.90	0.97	1.87	12.6
Base metal, steel & alloys prod.	0.71	0.75	1.46	9.9
Auto. & other transport prod.	0.45	0.82	1.27	8.6
Plastic & chemical products	0.53	0.68	1.20	8.1
Machinery & equipment	0.50	0.54	1.05	7.1
Petroleum products	0.48	0.07	0.55	3.7
Cement & mineral non-met. prod.	0.31	0.21	0.52	3.5
Ores, minerals & concentrates	0.23	0.12	0.36	2.4
Waste & scrap material	0.20	0.11	0.31	2.1
<b>TOTAL</b>	<b>7.92</b>	<b>6.86</b>	<b>14.79</b>	<b>100.0</b>

<sup>1</sup> Standard Classification of Transported Goods (SCTG) introduced in 1999 for-hire trucking traffic data.

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 – 2002

Two-way traffic volumes										
Crossing	Province	Millions				2002 rank	Per cent			
		1999	2000	2001	2002		1999	2000	2001	2002
Ambassador Bridge–Windsor	Ontario	3.43	3.49	3.24	3.32	1	25.9	25.7	24.9	25.0
Blue Water Bridge–Sarnia	Ontario	1.41	1.48	1.47	1.56	2	10.7	10.9	11.3	11.7
Peace Bridge–Fort Erie	Ontario	1.50	1.45	1.35	1.31	3	11.4	10.7	10.4	9.8
Queenston–Lewiston Bridge	Ontario	0.96	1.04	1.00	1.05	4	7.3	7.7	7.7	7.9
Pacific Highway–Douglas	B.C.	0.86	0.87	0.79	0.78	5	6.5	6.4	6.0	5.9
Lacolle	Quebec	0.85	0.79	0.79	0.78	6	6.4	5.9	6.1	5.9
Lansdowne	Ontario	0.51	0.53	0.50	0.53	7	3.8	3.9	3.9	4.0
Emerson	Manitoba	0.34	0.36	0.37	0.41	8	2.6	2.7	2.8	3.1
Phillipsburg	Quebec	0.29	0.31	0.30	0.31	9	2.2	2.3	2.3	2.3
Coutts	Alberta	0.23	0.26	0.29	0.25	10	1.8	1.9	2.2	1.9
Rock Island	Quebec	0.24	0.27	0.26	0.25	11	1.8	2.0	2.0	1.9
Beauce	Quebec	0.13	0.19	0.19	0.21	12	1.0	1.4	1.5	1.6
Huntingdon	B.C.	0.13	0.13	0.14	0.18	13	1.0	0.9	1.1	1.3
Woodstock	N.B.	0.14	0.17	0.16	0.17	14	1.1	1.3	1.2	1.3
Aldergrove	B.C.	0.12	0.14	0.16	0.16	15	0.9	1.0	1.2	1.2
Detroit–Windsor Tunnel	Ontario	0.21	0.18	0.17	0.15	16	1.5	1.3	1.3	1.1
Sault Ste. Marie	Ontario	0.14	0.13	0.13	0.13	17	1.1	1.0	1.0	1.0
North Portal	Sask.	0.13	0.13	0.13	0.12	18	1.0	1.0	1.0	0.9
Pigeon River	Ontario	0.08	0.09	0.10	0.10	19	0.6	0.7	0.7	0.7
Cornwall	Ontario	0.08	0.08	0.07	0.09	20	0.6	0.6	0.5	0.6
<b>Top 20 (ranked by trucks)</b>		<b>11.80</b>	<b>12.10</b>	<b>11.60</b>	<b>11.85</b>		<b>89.0</b>	<b>89.1</b>	<b>89.0</b>	<b>89.1</b>
<b>Total</b>		<b>13.25</b>	<b>13.58</b>	<b>13.03</b>	<b>13.30</b>					

Note: Two-way traffic volume was 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, CARS/OTHER VEHICLES, 1999 – 2002

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

Note: Two-way traffic volume was 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, 1995 – 2002**

(Status as of December 31, 2002)

	1995 <sup>1</sup>	1996	1997	1998	1999	2000	2001	2002
Newfoundland and Labrador	58	40	20	19	18	18	18	18
New Brunswick	45	9	7	6	3	3	3	3
Nova Scotia	128	35	35	31	18	12	5	4
Prince Edward Island	31	4	4	4	4	4	4	4
Quebec	73	48	46	46	45	36	36	36
Ontario	54	37	30	25	20	19	16	14
Manitoba	2	2	2	2	2	2	2	1
Saskatchewan	4	4	4	4	4	4	4	4
Alberta	3	1	1	1	1	1	1	1
British Columbia	105	92	89	89	78	68	40	28
Northwest Territories	46	0	0	0	0	0	0	0
<b>Total</b>	<b>549</b>	<b>272</b>	<b>238</b>	<b>227</b>	<b>193</b>	<b>167</b>	<b>129</b>	<b>113</b>

<sup>1</sup> Last year prior to the National Marine Policy.

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, 2002)

Region	Transferred <sup>1</sup>	Deproclaimed <sup>2</sup>	Demolished/ Closed	Transport Canada Interests Terminated	Remaining	Total
Pacific	59	10	2	6	28	105
Prairie/Northern	48	1	0	0	6	55
Ontario	19	17	0	4	14	54
Quebec	13	23	1	0	36	73
Maritimes	28	157	0	8	12	204
Newfoundland	37	3	0	0	18	58
<b>Total</b>	<b>204</b>	<b>211</b>	<b>3</b>	<b>18</b>	<b>113</b>	<b>549</b>

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

<sup>2</sup> 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, 2001

(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	92.105	59.709	18.268	11.160	10.207	3.546	5.480	2.387	13.396	12.958
Operating Expenses <sup>3</sup>	60.293	62.839	12.439	11.709	9.724	2.926	5.309	3.264	11.926	5.289
Operating Income	31.812	(3.130)	5.829	(0.549)	0.483	0.620	0.172	(0.924)	1.470	7.669
Ratio: Expenses/Revenues	65.5	105.2	68.1	104.9	95.3	82.5	96.9	139.5	89.0	40.8
Net Income	29.680	4.758	5.649	2.542	1.483	0.516	0.584	(0.622)	1.121	2.195
Net Fixed Assets	489.258	187.910	89.664	73.214	59.025	19.321	80.473	8.138	97.265	63.983
Ratio: Net Income/Net Fixed Assets	6.1	2.5	6.3	3.5	2.5	2.7	0.7	(7.6)	1.2	3.4
Investment Income	0.723	7.888	0.264	0.948	1.000	0.301	0.412	0.302	0.632	1.474
Funds from Operations	54.573	0.055	12.537	2.473	3.385	1.239	3.478	0.222	3.536	4.816
Funds Used in Investing Activities	81.052	68.249	9.185	23.769	1.359	7.578	(3.703)	0.055	(4.834)	(5.066)
Acquisition of Fixed Assets, net	80.946	39.106	9.185	22.761	2.204	7.578	2.937	0.055	0.000	8.717
<b>Total Assets</b>	<b>522.046</b>	<b>289.327</b>	<b>101.536</b>	<b>121.924</b>	<b>76.558</b>	<b>23.216</b>	<b>92.085</b>	<b>15.658</b>	<b>119.575</b>	<b>95.495</b>
Equity	434.593	252.407	86.857	30.638	72.971	20.079	90.865	15.207	89.276	91.923
Contributed Capital	150.259	237.263	50.857	8.543	61.659	18.422	84.612	3.230	83.486	64.200
Retained Earnings <sup>4</sup>	284.334	15.144	36.000	22.095	11.312	1.657	6.253	11.977	5.790	27.723
<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-Rivieres</i>	<i>Belledune</i>	<i>Total All CPA's<sup>2</sup></i>
Operating Revenues	5.520	2.607	2.951	10.263	1.114	1.241	7.826	3.550	5.833	<b>270.074</b>
Operating Expenses <sup>3</sup>	3.982	2.390	2.785	14.923	1.214	1.450	4.771	2.698	3.974	<b>223.904</b>
Operating Income	1.538	0.217	0.166	(4.660)	(0.100)	(0.209)	3.055	0.852	1.859	<b>46.170</b>
Ratio: Expenses/Revenues	72.1	91.7	94.4	145.4	108.9	116.8	61.0	76.0	68.1	<b>82.9</b>
Net Income	0.119	0.353	0.898	(0.987)	0.230	1.142	1.238	2.279	0.229	<b>53.407</b>
Net Fixed Assets	21.881	2.109	15.906	39.494	3.807	3.831	35.775	12.883	41.200	<b>1,345.136</b>
Ratio: Net Income/Net Fixed Assets	0.5	16.7	5.6	(2.5)	6.0	29.8	3.5	17.7	0.6	<b>4.0</b>
Investment Income	0.582	0.353	0.804	0.898	0.330	0.978	0.239	1.427	0.318	<b>19.874</b>
Funds from Operations	1.654	2.762	1.309	(0.000)	0.127	0.962	4.000	2.958	1.425	<b>101.511</b>
Funds Used in Investing Activities	0.701	0.344	1.455	1.031	(0.012)	0.488	2.369	2.953	0.611	<b>187.585</b>
Acquisition of Fixed Assets, net	0.669	0.344	0.178	0.975	0.090	(0.004)	3.177	0.229	0.737	<b>179.893</b>
<b>Total Assets</b>	<b>36.287</b>	<b>13.825</b>	<b>30.982</b>	<b>71.552</b>	<b>9.977</b>	<b>16.883</b>	<b>40.446</b>	<b>34.247</b>	<b>48.072</b>	<b>1,759.692</b>
Equity	33.591	10.748	30.235	61.123	9.306	16.595	15.482	33.323	18.716	<b>1,413.935</b>
Contributed Capital	24.991	6.752	27.712	0.000	8.618	13.999	11.707	(6.740)	18.429	<b>867.999</b>
Retained Earnings <sup>4</sup>	8.600	3.996	2.523	61.123	0.688	2.596	3.774	40.063	0.287	<b>545.936</b>

1 Fraser River figures represent 12 month period for year ending April 30, 2002. All other figures represent 2001 calendar year.

2 Due to rounding, columns may not add to totals shown.

3 Includes Gross Revenue Charge and Dividend to Canada.

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

Source: Port Financial Statements, Transport Canada

**TABLE A8-4: CPA FINANCIAL COMPARISON, 2000 AND 2001<sup>1</sup>**

(Millions of dollars)

CPA Ports	Revenues <sup>1</sup>		Expenses <sup>1</sup>		Net Income <sup>1</sup>	
	2000	2001	2000	2001	2000	2001
Vancouver	86.44	92.11	56.03	60.29	24.41	29.68
Montreal	58.24	59.71	58.22	62.84	6.69	4.76
Halifax	18.05	18.27	12.72	12.44	4.98	5.65
Quebec	11.11	11.16	10.77	11.71	3.20	2.54
Saint John	10.40	10.21	9.07	9.72	2.30	1.48
St. John's	3.50	3.55	3.03	2.93	0.76	0.52
Prince Rupert	6.41	5.48	6.39	5.31	(14.68)	0.58
Port Alberni	2.64	2.34	3.58	3.26	(0.51)	(0.62)
Fraser River	14.47	13.40	13.11	11.93	0.86	1.12
Nanaimo	5.77	5.52	5.94	3.98	0.42	0.12
North Fraser	2.66	2.61	2.75	2.39	0.08	0.35
Thunder Bay	2.83	2.95	2.62	2.78	0.94	0.90
Toronto	11.25	10.26	15.64	14.92	(0.55)	(0.99)
Windsor	1.15	1.11	1.31	1.21	0.16	0.23
Saguenay	1.47	1.24	1.27	1.45	0.86	1.14
Sept-Iles	8.00	7.83	5.14	4.77	1.73	1.24
Trois-Rivières	3.48	3.55	2.50	2.70	2.21	2.28
Belledune	2.57	5.83	1.81	3.97	0.06	0.23
Hamilton <sup>2</sup>	13.73	12.96	4.76	5.29	(3.57)	2.19
<b>Total CPA Ports</b>	<b>264.15</b>	<b>270.07</b>	<b>216.66</b>	<b>223.90</b>	<b>30.32</b>	<b>53.41</b>

Note : Due to rounding, columns may not add to totals shown.  
<sup>1</sup> Some 2000 figures have been restated to reflect changes in accounting policies as was reported in the 2001 audited financial statements.  
<sup>2</sup> The Hamilton Port Authority's data was not included in previous years' Transport Canada Annual Report.

Source: Port Authority Financial Statements, Transport Canada

**TABLE A8-5: FINANCIAL RESULTS OF MAJOR PORTS, 1997 – 2001**

(Millions of dollars)

	1997 <sup>1</sup>	1998 <sup>1</sup>	1999 <sup>2</sup>	2000 <sup>3</sup>	2001 <sup>4</sup>
Revenue	296.8	287.2	238.3	256.2	270.1
Expenses	235.6	227.0	209.2	215.5	223.9
Operating Income	61.2	60.2	29.1	40.7	46.2
Ratios <sup>5</sup> (per cent)	79	79	88	84	83
<b>Net Income</b>	<b>44.5</b>	<b>28.1</b>	<b>35.7</b>	<b>34.2</b>	<b>53.4</b>

<sup>1</sup> Includes all Harbour Commissions and Ports Canada Ports.  
<sup>2</sup> Includes those ports with CPA status as of December 31, 1999. 1999 figures have been updated to reflect changes in accounting policies as was reported in the 2000 audited financial statements.  
<sup>3</sup> Includes those ports with CPA status as of December 31, 2000.  
<sup>4</sup> Includes those ports with CPA status as of December 31, 2001.  
<sup>5</sup> Expenses/revenues.

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

**TABLE A8-6: FINANCIAL RESULTS FOR TRANSPORT CANADA PORTS, 1997/98 – 2001/02**

(Millions of dollars)

	1997/98	1998/99	1999/2000	2000/01	2001/02
Revenue <sup>1</sup>	20.7	18.6	19.0	12.9	13.8
Expenses <sup>2</sup>	27.4	24.3	26.2	22.0	23.6
Operating Income	(6.7)	(5.7)	(7.1)	(9.1)	(9.8)
<b>Capital Expenditures</b>	<b>1.9</b>	<b>4.1</b>	<b>7.6</b>	<b>10.4</b>	<b>6.8</b>
Grants & Contributions <sup>3</sup>	1.5	1.3	16.6	45.4	23.1
<b>Ratio: Expenses/Revenues</b>	<b>132</b>	<b>131</b>	<b>137</b>	<b>170</b>	<b>171</b>

Note: Financial information is based upon accrual accounting principles.  
<sup>1</sup> Gross revenues.  
<sup>2</sup> Operating and maintenance expenses including commissions.  
<sup>3</sup> Transfers related to the devolution of port facilities.

Source: Annual reports, Transport Canada

**TABLE A8-7: TOTAL TONNAGE HANDLED IN CANADA'S PORT SYSTEM, 2000 – 2001**

(Thousands of tonnes)

Port System	New 2000 <sup>1</sup>	2001 Total <sup>2</sup>	Percentage Change
Canada Port Authorities <sup>3</sup>	225,790	219,901	(2.61)
Canada Port Corporation and Harbour Commissions	886	629	(29.00)
Transport Canada <sup>2</sup>	71,080	72,748	2.35
Other	105,027	99,770	(5.01)
<b>Total</b>	<b>402,783</b>	<b>393,048</b>	<b>(2.42)</b>

<sup>1</sup> 2000 numbers restated to reflect change of former CPC Ports and Harbour Commissions to CPA status in 2001.  
<sup>2</sup> Tonnage statistics include cargos shipped across private facilities.

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

**TABLE A8-8: TOTAL PILOTAGE ASSIGNMENTS AND ASSIGNMENTS PER PILOT, 1998 – 2002**

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

Source: Pilotage Authorities' annual reports

**TABLE A8-9: ST. LAWRENCE SEAWAY CARGO MOVEMENTS, 1990 – 2002**

	(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 (estimated)	29,845	31,785

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

**TABLE A8-10: ST. LAWRENCE SEAWAY TRAFFIC<sup>1</sup> BY COMMODITY, 1993 – 2002**

<i>Year</i>	(Thousands of tonnes)						<i>Total</i>
	<i>Grain</i>	<i>Iron Ore</i>	<i>General Cargo</i>	<i>Coal</i>	<i>Other</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 <sup>2</sup>	10,292	9,641	4,215	4,159	12,810	41,117	

<sup>1</sup> Combined traffic on the two sections of the Seaway.

<sup>2</sup> 2002 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 the seasonal alternative between North Sydney, Nova Scotia, and Argentia, Newfoundland.</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.</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> Working under contract with the federal government, NFL provides a seasonal passenger/vehicle service from May to December between Caribou, Nova Scotia, and Wood Islands, Prince Edward Island.</p>
<p><b>Bay Ferries Ltd.</b> Under contract with the federal government, Bay Ferries Ltd. 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.</p>
<p><b>Nova Scotia's Department of Transportation and Public Works</b> The Province of 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> The Province of New Brunswick's Department of Transportation operates twelve passenger and vehicle ferry services, including Deer Island, Gagetown, Hampstead, and Belleisle Bay.</p>
<p><b>C.T.M.A. Traversier Ltée.</b> Under contract with the federal government, C.T.M.A. Traversier Ltée. offers a seasonal passenger/vehicle ferry service from April to January between Souris, Prince Edward Island, and Cap-aux-Meules, Magdalen Islands, Quebec. In addition, the company provides a seasonal passenger/cargo service between Montreal/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, Ontario, 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 provinces lakes and rivers, including services to Norway House, Matheson Island and Cross Lake.</p>
<p><b>British Columbia Ferry Corporation (BC Ferries)</b> BC Ferries is a provincial Crown corporation with a fleet of 40 vessels on 26 routes. BC Ferries receives a federal grant for the provision of ferry service in coastal waters. BC Ferries is the largest ferry operation in North America.</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>



**TABLE A8-12: INTERNATIONAL CRUISE SHIP TRAFFIC AT MAJOR CANADIAN PORTS, 1992 – 2002**

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 (prel.)	1,125,252	38,000	66,365	157,036	71,168

Source: Canada Port Authorities

**TABLE A8-13: CANADA'S MARINE TRAFFIC STATISTICS BY SECTOR, 1986 – 2001**

Year	(Millions of tonnes)				
	----- Flows -----			Total	Total
	Domestic	Transborder	Overseas	Flows	Handled
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	108.6	185.2	348.3	402.8
2001	53.2	108.0	178.6	339.8	393.0

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 – 2001**

Year	Canadian	Per cent	Foreign	Per cent	Total
1988	69,584,300	99.44	389,200	0.56	69,973,500
1989	61,455,700	99.10	560,100	0.90	62,015,800
1990	60,005,700	99.41	354,300	0.59	60,360,000
1991	57,862,300	99.92	48,400	0.08	57,910,700
1992	52,021,600	99.54	240,200	0.46	52,261,800
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	46,708,722
1998	47,314,590	97.95	998,993	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 <sup>1</sup>	50,778,193	95.38	2,458,615	4.62	53,236,808

1 Significant increase of "Crude Oil" shipments from Grand Bank (Hibernia) & Port Hawkesbury 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 – 2001**

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

Source: Transport Canada, from data supplied by Statistics Canada

**TABLE A8-16: CANADA'S MARITIME TRADE WITH THE UNITED STATES, 1986 – 2001**

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	64.8	43.8	108.6
2001	61.9	46.1	108.0

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

**TABLE A8-17: CANADA'S OVERSEAS MARITIME TRADE WITH THE UNITED STATES, 1986 – 2001**

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	123.0	62.1	185.2
2001	112.4	66.1	178.6

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

**TABLE A8-18: TOTAL MARINE IMPORTS/EXPORTS, BY COMMODITIES, 2001**

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

<i>Commodity</i>	<i>Export<sup>1</sup></i>	<i>Commodity</i>	<i>Import</i>
Gasoline/aviation fuel	4.483	Coal	0.833
Crude petroleum	0.937	Gasoline/aviation fuel	0.633
Newsprint	0.761	Basic chemicals	0.623
Basic chemicals	0.755	LPG & oth. refined petrol.	0.341
LPG & other refined petrol.	0.596	Iron ore/concentrates	0.257
Waste and scrap	0.227	Electronic/electr. mach.	0.157
Lumber	0.222	Other cereal grains	0.089
Iron ore/concentrates	0.205	Other metal.ores/conc.	0.077
Logs & other rough wood	0.144	Crude petroleum	0.068
Non-ferr. metal primary	0.114	Other agric. prod.	0.055
Salt	0.105	Oth.non-metal.minerals	0.054
Cement	0.105	Meat, fish, seafood products	0.052
Other commodities	0.938	Other commodities	0.291
<b>Total (All Commodities)</b>	<b>9.592</b>	<b>Total (All Commodities)</b>	<b>3.529</b>

**Canada-Overseas Trade**

<i>Commodity</i>	<i>Export<sup>1</sup></i>	<i>Commodity</i>	<i>Import</i>
Wood pulp	3.861	Crude petroleum	10.570
Wheat	3.395	Automobile veh.	7.587
Non-ferr.metal primary	2.802	Oth.manuf./misc.goods	6.890
Lumber	2.131	Machinery	4.249
Meat, fish, seafood products	2.120	Electronic/electr. mach	3.160
Coal	1.635	Basic chemicals	2.000
Machinery	1.552	Prepared foodstuffs	1.881
Newsprint	1.487	Plastic/rubber products	1.662
Other agric. products	1.477	Articles/ base metal	1.441
Colza (canola)	1.182	Iron/steel primary	1.421
Basic chemicals	1.168	Meat, fish, seafood products	1.104
Potash	1.157	Alcoholic/non-alc. beverages	0.923
Other manuf. goods	1.024	Parts & access. vehicles	0.919
Other metal. ores/conc.	0.961	Gasoline/aviation fuel	0.866
Other commodities	9.009	Other commodities	5.567
<b>Total (All Commodities)</b>	<b>34.960</b>	<b>Total (All Commodities)</b>	<b>50.239</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, 2001**

(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	41,785	88,763	19,551	64,836	286,479	20,414	15,514	3,511	16,572	3,208	1,834
Non-Aeronautical Revenues	38,013	123,981	16,758	83,390	182,833	18,489	13,492	4,835	12,156	4,344	4,275
Airport Improvement Fees	32,930	54,133	15,351	39,281	48,025	14,082	11,958	2,570	8,328	1,935	1,916
Federal Government Subsidies	0	0	0	0	0	0	0	0	0	0	0
<b>Total Revenues</b>	<b>112,728</b>	<b>266,877</b>	<b>51,660</b>	<b>187,507</b>	<b>517,337</b>	<b>52,985</b>	<b>40,964</b>	<b>10,916</b>	<b>37,056</b>	<b>9,487</b>	<b>8,025</b>
Expenses (less Interest Charges)	77,991	185,007	42,642	171,606	429,154	34,466	27,718	6,938	22,985	5,147	3,604
<b>Income</b>	<b>34,737</b>	<b>81,870</b>	<b>9,018</b>	<b>15,901</b>	<b>88,183</b>	<b>18,519</b>	<b>13,246</b>	<b>3,978</b>	<b>14,071</b>	<b>4,340</b>	<b>4,421</b>
Interest Charges	0	21,296	13,271		101,902	304	0	0	0	0	0
<b>Net Income</b>	<b>34,737</b>	<b>60,574</b>	<b>(4,253)</b>	<b>15,901</b>	<b>(13,719)</b>	<b>18,215</b>	<b>13,246</b>	<b>3,978</b>	<b>14,071</b>	<b>4,340</b>	<b>4,421</b>
Other Information:											
Acquisition of Capital Assets	101,801	97,764	48,821	84,824	1,185,770	56,784	12,507	10,854	35,679	11,248	3,242
En-planed/De-planed											
Passengers (000)	8,244	14,818	3,963	9,247	26,835	3,392	2,776	1,074	2,684	827	1,048
Ratios:											
Expenses as a % of Revenues	69.19	69.32	82.54	91.52	82.95	65.05	67.66	63.56	62.03	54.25	44.91
Aero. Revenues as a % of Total	37.07	33.26	37.85	34.58	55.38	38.53	37.87	32.16	44.72	33.81	22.85
Non-Aero. Revenues as a % of Total	33.72	46.46	32.44	44.47	35.34	34.89	32.94	44.29	32.80	45.79	53.27
<b>Ratios:</b>											
Expenses as a per cent of Revenues	66.20	69.00	78.72	97.12	80.35	59.07	70.04	60.14	72.64	49.07	
Aeronautical Revenues as a % of Total	35.97	31.21	36.69	36.97	61.85	38.67	38.22	32.03	59.50	55.72	
Non-Aeronautical Revenues as a % of Total	33.20	46.27	30.38	44.62	38.15	33.20	31.84	44.24	40.50	21.24	
<b>Revenues per passenger<sup>1</sup></b>	<b>\$13.67</b>	<b>\$18.01</b>	<b>\$13.04</b>	<b>\$20.28</b>	<b>\$19.28</b>	<b>\$15.62</b>	<b>\$14.76</b>	<b>\$10.16</b>	<b>\$13.81</b>	<b>\$11.47</b>	<b>\$7.66</b>
<b>Expenses per passenger</b>	<b>\$9.46</b>	<b>\$13.92</b>	<b>\$14.11</b>	<b>\$18.56</b>	<b>\$19.79</b>	<b>\$10.25</b>	<b>\$9.98</b>	<b>\$6.46</b>	<b>\$8.56</b>	<b>\$6.22</b>	<b>\$3.44</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	4,747	2,881	5,573	1,716	1,822	2,717	1,528	1,313	2,222	1,120	588,106
Non-Aeronautical Revenues	3,973	3,485	3,636	3,625	1,984	2,411	1,066	1,482	1,892	2,062	528,182
Airport Improvement Fees	1,011	3,393	3,783	1,590	948	1,588	814	791	187	452	245,066
Federal Government Subsidies	18	0	0	0	0	0	751	1,087	228	6,871	8,955
<b>Total Revenues</b>	<b>9,749</b>	<b>9,759</b>	<b>12,992</b>	<b>6,931</b>	<b>4,754</b>	<b>6,716</b>	<b>4,159</b>	<b>4,673</b>	<b>4,529</b>	<b>10,505</b>	<b>1,370,309</b>
Expenses (less Interest Charges)	8,656	5,105	8,461	4,485	3,716	4,724	2,933	2,882	4,379	1,846	1,054,445
<b>Income</b>	<b>1,093</b>	<b>4,654</b>	<b>4,531</b>	<b>2,446</b>	<b>1,038</b>	<b>1,992</b>	<b>1,226</b>	<b>1,791</b>	<b>150</b>	<b>8,659</b>	<b>315,864</b>
Interest Charges	0	311	38	19	0	310	0	8	48	7	137,514
<b>Net Income</b>	<b>1,093</b>	<b>4,343</b>	<b>4,493</b>	<b>2,427</b>	<b>1,038</b>	<b>1,682</b>	<b>1,226</b>	<b>1,783</b>	<b>102</b>	<b>8,652</b>	<b>178,350</b>
Other Information:											
Acquisition of Capital Assets	906	1,519	22,717	440	1,636	14,119	3,055	626	227	3,725	1,698,264
En-planed/De-planed											
Passengers (000)	639	823	769	590	353	362	184	163	65	153	79,009
Ratios:											
Expenses as a % of Revenues	88.79	52.31	65.12	64.71	78.17	70.34	70.52	61.67	96.69	17.57	76.95
Aero. Revenues as a % of Total	48.69	29.52	42.90	24.76	38.33	40.46	36.74	28.10	49.06	10.66	42.92
Non-Aero. Revenues as a % Total	40.75	35.71	27.99	52.30	41.73	35.90	25.63	31.71	41.78	19.63	38.54
<b>Revenues per passenger<sup>1</sup></b>	<b>\$15.23</b>	<b>\$11.86</b>	<b>\$16.89</b>	<b>\$11.75</b>	<b>\$13.47</b>	<b>\$18.55</b>	<b>\$18.52</b>	<b>\$22.00</b>	<b>\$66.17</b>	<b>\$23.75</b>	<b>\$17.23</b>
<b>Expenses per passenger</b>	<b>\$13.55</b>	<b>\$6.58</b>	<b>\$11.05</b>	<b>\$7.63</b>	<b>\$10.53</b>	<b>\$13.91</b>	<b>\$15.94</b>	<b>\$17.73</b>	<b>\$68.11</b>	<b>\$12.11</b>	<b>\$15.09</b>

Notes: Aeronautical and Non-Aeronautical Revenues: 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. Gander and Fredericton transferred March 1, 2001, and May 1, 2001, respectively. Their 2001 results reflect their numbers from the date of transfer. Please be advised that 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.

1 Excluding subsidies.

Source: *Financial Figures - Airport Authority 2001 Annual Reports, Kelowna - City of Kelowna 2001 Annual Financial Report*  
*Passenger Volume Figures - Transport Canada*

## 9 AIR TRANSPORTATION

**TABLE A9-2: AIRPORT CAPITAL ASSISTANCE PROGRAM EXPENDITURES BY PROVINCE, 1995/96 – 2002/03**

(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>Total</i>
Newfoundland and Labrador					315.4	3,011.3	1,530.2	1,010.5	5,867.4
Prince Edward Island									0.0
Nova Scotia				401.5	2,701.5	428.0	2,951.2	175.1	6,657.3
New Brunswick	509.3	885.3	1,086.7	4,553.2	295.6	748.3	54.1	7.0	8,139.5
Quebec			3,204.1	5,911.2	1,627.5	10,304.0	2,974.9	2,026.0	26,047.7
Ontario	909.4	3,232.7	13,465.4	7,592.6	2,932.4	8,115.9	8,980.8	8,875.3	54,104.5
Manitoba	151.1	172.0	970.4	2,186.8	3,850.4	2,014.0	3,321.0	3,996.0	16,661.7
Saskatchewan		2,876.6	451.8	1,575.3	5,102.9	3,087.2	3,625.5	729.8	17,449.1
Alberta	90.0	815.2	1,128.5	3,016.6	999.2	3,519.3	7,952.4	2,586.9	20,108.1
British Columbia	33.0	1,416.8	880.1	3,306.9	2,095.5	5,566.9	9,855.5	6,697.3	29,852.0
Northwest Territories					230.4	169.1	1,282.6	3,145.3	4,827.4
Yukon							603.7	2,521.5	3,125.2
Nunavut						1,655.2	205.1	1,587.1	3,447.4
<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>33,357.8</b>	<b>196,287.3</b>

Source: Transport Canada

**TABLE A9-3: AIRPORTS CAPITAL ASSISTANCE PROGRAM – PROJECTS APPROVED IN 2002**

Province	Site	Description	Project funding in thousands of dollars	
			Site Total	Province Total
Newfoundland and Labrador	Stephenville	Front-end loader & truck/material spreader	337.8	337.8
Prince Edward Island				0.0
Nova Scotia	Sydney	Rehabilitate / replace fencing	193.5	193.5
New Brunswick	Bathurst	Purchase and install new rotary beacon	7.0	7.0
Quebec	Kuujjuarapik	Runway rehabilitation	2,820.0	4,142.9
	Kuujjuarapik	Installation of fences and barriers	480.0	
	Rimouski	Rehabilitation of manoeuvring areas	\$4.1M	
	St.-Augustin	Runway lighting	277.2	
Ontario	Kenora	Runway 07-25 restoration	2,059.0	10,264.2
	Kenora	Re-align taxi "A" & expand apron 1	244.7	
	Kenora	Ramp snow plow	14.0	
	Moosonee	Replace runway sweeper	178.0	
	Moosonee	Apron flood lighting upgrade	42.0	
	Nakina	Selective rehab of runway 09-27	177.7	
	Nakina	Expansion of ATB apron	367.8	
	Red Lake	Rehab runway 08-26 & airfield lighting upgrade	1,943.1	
	Sarnia	Replace VASIS with PAPI - runway 32	77.8	
	Sarnia	Replacement of LIA & ODALS with SSALR	390.4	
	Sarnia	Rehab runway 14-32 & airside drainage improvements	998.3	
	Sioux Lookout	Construct new taxiway "C"	2,150.7	
	Sioux Lookout	Field electrical centre	258.4	
	Sioux Lookout	Apron flood lighting upgrade	69.7	
	Sudbury	Various electrical projects	984.0	
	Sudbury	Runway sweeper	143.0	
	Toronto City Centre	Runway sweeper	165.6	
Manitoba	Brochet	Replace loader, grader & plow truck	504.0	3,717.9
	Gods Lake Narrows	Replace loader, grader & plow truck	504.0	
	Little Grand Rapids	Installation of PAPI	291.5	
	Pukatawagan	Installation of PAPI	332.5	
	St. Andrews	Decelerometer	4.5	
	Thompson	South apron, taxi A & B rehabilitation	2,081.4	
Saskatchewan	Points North Landing	Rehabilitation of apron surface	313.7	960.9
	Prince Albert	Wildlife control fencing	647.2	
Alberta	Grande Prairie	Apron reconfiguration / expansion	1,559.7	2,532.3
	Lethbridge	Approach lighting upgrade	972.6	
British Columbia	Campbell River	Electrical systems upgrade	366.5	8,424.2
	Castlegar	Apron and taxi A pavement rehabilitation	662.4	
	Cranbrook	Snowblower & snowplow truck	484.4	
	Cranbrook	Hazard beacon replacement	45.4	
	Dawson Creek	Airfield electrical upgrades	2,130.5	
	Dawson Creek	Loader & loader mounted snowblower / delerometer	371.6	
	Fort St. John	Replace runway sweepers (2)	333.8	
	Nanaimo	Electrical distribution upgrade	371.3	
	Smithers	Airside lighting upgrades	658.4	
	Terrace	Apron rehabilitation & reconfiguration	1,925.0	
Williams Lake	Apron, taxi A pavement rehab, repl LIA with ODALS	1,074.9		
Northwest Territories	Inuvik	Airside pavement rehab, runway 05 SSALR approcah lighting	5,165.6	5,585.6
	Aklavik	Rehabilitation of airfield lighting system	420.0	
Yukon	Whitehorse	Runway sweeper	165.2	165.2
Nunavut	Iqaluit	Wheeled loader replacement	287.9	913.9
	Coral Harbour	Snowblower rehabilitation	217.0	
	Qikiqtarjuaq	Motor grader replacement	230.0	
	Rankin Inlet	Snowblower replacement	179.0	
			Total	40,822.6

Notes: ATB: Asphalt treated base; ADALS: Simple Approach Lighting System; PAPI: Precision Approach Path Indicator; SSALR: Simplified Approach Lighting with Runway Alignment; VASIS: Visual Approach Slope Indicator System.

Source: Transport Canada

**TABLE A9-4: AIRPORT IMPROVEMENT FEES AT NATIONAL AIRPORT SYSTEM (NAS) AIRPORTS, 2002**

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

N/A = Not available

<sup>1</sup> The charge is \$10 for departing passengers and \$7 for connecting passengers.

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

*Source: Airport authority annual reports and websites*

**TABLE A9-5: FOREIGN AIRLINES PROVIDING INTERNATIONAL SCHEDULED SERVICES TO AND FROM CANADA AS OF DECEMBER 31, 2002**

<i>Country/Territory</i>	<i>Airline</i>	<i>Cities Served</i>
Austria	Austrian Airlines	Montreal
	- Lauda Air	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, Moncton (seasonal), Montreal, St. John's, Sydney
Germany	Condor	Whitehorse (seasonal)
	Lufthansa	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
Russia	Aeroflot	Toronto
Singapore	Singapore Airlines	Vancouver
South Korea	Korean Airlines	Toronto, Vancouver
Switzerland	Swiss International	Montreal
Trinidad and Tobago	BWIA	Toronto
Ukraine	Air Ukraine	Toronto (seasonal)
United Kingdom	British Airways	Montreal, Toronto, Vancouver
United States	Alaska Airlines	Calgary, Vancouver
	- ERA Aviation	Whitehorse (seasonal)
	- Horizon Air	Calgary, Edmonton, Kelowna, Vancouver, Victoria
	Aloha Airlines	Vancouver
	America West	Calgary, Toronto, Vancouver
	- Chautauqua Airlines	Toronto
	American Airlines	Calgary, Montreal, Toronto, Vancouver
	- American Eagle	Montreal, Ottawa, Quebec, Toronto
	- Chautauqua Airlines	Toronto
	Continental Airlines	Calgary, Toronto, Vancouver
	- Commutair	Montreal, Ottawa,
	- ExpressJet	Halifax, Montreal, Ottawa, Quebec, Toronto
	Delta Airlines	Montreal, Toronto
	- Atlantic Coast	Halifax, Montreal
	- Atlantic Southeast	Montreal, Ottawa, Toronto
	- 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	London, Montreal, Ottawa, Regina, Thunder Bay, Toronto, Winnipeg
	- Pinnacle Airlines	Ottawa, Winnipeg
	Pan American/Boston-Maine Airways	Saint John
	United Airlines	Calgary, Toronto, Vancouver
	- Air Wisconsin	Edmonton, Winnipeg
	- Atlantic Coast	Toronto
	- Skywest Airlines	Vancouver
	US Airways	Montreal, Toronto
	- Allegheny Airlines	Montreal
	- Chautauqua Airlines	Montreal
	- Mesa Airlines	Montreal, Ottawa, Toronto
	- Piedmont Aviation	Toronto
	- PSA Airlines	Montreal, Ottawa

Source: Official Airline Guide and airline timetables

**TABLE A9-6: LOCAL SERVICE AIRLINES PROVIDING SCHEDULED AIR SERVICES AS OF DECEMBER 31, 2002**

<i>Airline</i>	<i>Number of Points Served</i>	<i>Regions Served</i>
Air Creebec	17	Northern Ontario, northern Quebec
Air Labrador	24	Newfoundland and Labrador
Air Tindi	6	Northwest Territories
Aklak Air	10	Northwest Territories
Aviation Quebec-Labrador	10	Northeastern Quebec, Labrador
Bearskin Airlines	28	Northwestern Ontario, northern Manitoba, Ottawa, Toronto
Buffalo Airways	2	Northwest Territories
Calm Air	17	Manitoba, Nunavut
Canadian Western	5	British Columbia
Central Mountain Air	11	Alberta, British Columbia
Dean Cree Air	4	Northern Manitoba
Harbour Air	3	Vancouver Island
Hawkair	5	Northern British Columbia
Helijet Airways	7	Vancouver Island, Seattle
KD Air	3	Vancouver Island
Keewatin Air	13	Central Nunavut
Kenn Borek Air	14	Eastern Nunavut
Keystone Air Service	3	Western Manitoba
Montair Aviation	2	Northwestern British Columbia
Nakina Air Service	6	Northwestern Ontario
Norcanair	8	Northern Saskatchewan
North Vancouver Air	4	Vancouver Island, Seattle
Northwestern Air Lease	4	Northwest Territories, northern Alberta
North-Wright Airways	7	Northwest Territories
Pacific Coastal Airlines	10	Vancouver Island and coastal British Columbia
Peace Air	11	Northern Alberta and northeastern British Columbia
Perimeter Aviation	15	Manitoba
Provincial Airlines	14	Newfoundland and Labrador
Skyward Aviation	21	Northern Manitoba, central Nunavut
Transwest Air	8	Northern Saskatchewan
West Coast Air	4	Vancouver Island

Source: Official Airline Guide and airline Web sites

**TABLE A9-7: LICENCE AUTHORITIES HELD AS OF DECEMBER 31, 2002**

<i>Licence Type</i>	<i>Canadian Aircraft</i>			<i>Other</i>	
	<i>Small</i>	<i>Medium</i>	<i>Large</i>	<i>All-Cargo</i>	<i>U.S. Foreign</i>
Domestic	833	19	13	31	-
International					
Scheduled	14	26	74	4	50
Non-Scheduled	400	17	12	23	719
<b>Total</b>	<b>1,247</b>	<b>62</b>	<b>99</b>	<b>58</b>	
<b>Total Canadian</b>			<b>1,466</b>		
<b>Total US</b>					<b>769</b>
<b>Total Foreign</b>					<b>145</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, 2002**

	<i>In Force</i>	<i>Issued in 2002</i>	<i>Male</i>	<i>Female</i>
<b>Aeroplanes</b>				
Private Pilots	31,433	2,991	29,453	1,980
Commercial Pilots	9,238	1,198	8,628	610
Airline Transport Pilots	11,039	507	10,659	380
<b>Total</b>	<b>51,710</b>	<b>4,696</b>	<b>48,740</b>	<b>2,970</b>
<b>Helicopters</b>				
Private Pilots	434	47	419	15
Commercial Pilots	2,793	268	2,710	83
Airline Transport Pilots	797	57	781	16
<b>Total</b>	<b>4,024</b>	<b>372</b>	<b>3,910</b>	<b>114</b>
<b>Permits</b>				
Glider Pilots	6,157	400	5,413	744
Gyroplane Pilots	34	4	33	1
Balloon Pilots	270	12	249	21
Ultra-Light Pilots	2,639	238	2,558	81
Recreational Pilots	1,205	148	1,134	71
<b>Total</b>	<b>10,305</b>	<b>802</b>	<b>9,387</b>	<b>918</b>
<b>Other Licences</b>				
Flight Engineers	490	2	480	10
Air Traffic Controllers	2,028	103	1,865	163
<b>Total</b>	<b>2,518</b>	<b>105</b>	<b>2,345</b>	<b>173</b>
<b>Total</b>	<b>68,557</b>	<b>5,975</b>	<b>64,382</b>	<b>4,175</b>

Source: Transport Canada



**TABLE A9-9: PERSONNEL LICENCES AND PERMITS  
BY PROVINCE, AS OF DECEMBER 31, 2002**

	<i>Number of Licences</i>	<i>Per cent of Total</i>
Alberta	10,608	13.8
British Columbia	13,633	17.7
Manitoba	3,930	5.1
New Brunswick	1,172	1.5
Newfoundland and Labrador	1,231	1.6
Northwest Territories and Nunavut	458	0.6
Nova Scotia	2,003	2.6
Ontario	26,812	34.9
Prince Edward Island	173	0.2
Quebec	13,516	17.6
Saskatchewan	2,939	3.8
Yukon	331	0.4
Canada	76,806	100.0

Note: Student Pilot Permits are included in the provincial numbers.

Source: Transport Canada, Safety & Security

**TABLE A9-10: PROFILE OF THE RECREATIONAL AVIATION  
FLEET AS OF DECEMBER 31, 2002**

<i>Category</i>	<i>Total Aircraft</i>
Standard Aeroplanes	18,123
Ultra-lights	4,043
Advanced Ultra-light Aeroplanes	703
Amateur-built Aeroplanes	2,778
Helicopters	1,831
Balloons	459
Gliders	617
Gyroplanes	190
<b>Total Private registered aircraft</b>	<b>28,744</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 – 2001**

<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

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 – 2001**

<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	669.2	375.7	1,044.9

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

Source: Statistics Canada, Cat. 51-206

**TABLE A9-13: VALUE OF INTERNATIONAL GOODS SHIPPED  
BY AIR, 1997 – 2002**

<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>Imports</i>	<i>Total</i>		
<b>Transborder</b>					
1997	12.2	16.9	29.1	428.3	6.8%
1998	14.0	18.7	32.6	473.5	6.9%
1999	17.5	20.2	37.7	523.6	7.2%
2000	23.8	23.6	47.5	588.9	8.1%
2001	21.9	21.1	43.0	570.0	7.5%
2002	19.1	17.4	36.5	563.8	6.5%
<b>International</b>					
1997	8.9	19.5	28.4	142.7	19.9%
1998	9.5	20.5	30.0	143.3	20.9%
1999	9.8	24.4	34.2	152.2	22.4%
2000	12.2	30.2	42.5	181.1	23.4%
2001	12.6	27.4	39.9	177.0	22.6%
2002 <sup>2</sup>	12.3	26.4	38.7	180.0	21.5%

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

<sup>2</sup> 2002 preliminary data.

Source: Transport Canada adapted from Statistics Canada, special tabulations

TABLE A9-14: AIR EXPORTS AND IMPORTS BY WORLD REGION, 2001 AND 2002

Destinations	(Billions of dollars)			Per cent of Total
	Province of Origin		Total	
	Eastern Canada	Western Canada		
<b>Exports (2001)</b>				
United States	20.2	1.6	21.9	63.5
Western Europe	6.4	1.3	7.7	22.4
Asia	2.2	0.6	2.8	8.2
Other	1.7	0.3	2.0	5.9
Total Exports	30.6	3.9	34.4	100.0
<b>Exports (2002)</b>				
United States	17.7	1.4	19.0	60.7
Western Europe	5.7	1.3	7.1	22.5
Asia	2.4	0.8	3.2	10.2
Other	1.6	0.4	2.1	6.6
Total Exports	27.4	4.0	31.4	100.0
<b>Origins</b>	Province of Origin		Total	Per cent of Total
	Eastern Canada	Western Canada		
<b>Imports (2001)</b>				
United States	16.5	4.6	21.1	43.6
Western Europe	12.8	1.6	14.3	29.6
Asia	6.9	1.2	8.1	16.8
Latin America	0.7	0.2	0.9	1.9
Other	3.5	0.5	4.0	8.2
Total Imports	40.4	8.1	48.5	100.0
<b>Imports (2002)</b>				
United States	9.0	2.7	11.7	40.1
Western Europe	7.8	1.8	9.6	32.8
Asia	4.0	0.7	4.6	15.9
Latin America	0.5	0.1	0.6	1.9
Other	2.4	0.3	2.7	9.3
Total Imports	23.7	5.5	29.2	100.0

Note: Includes domestic exports and re-exports.

Source: Transport Canada adapted from Statistics Canada, special tabulations

TABLE A9-15: ENPLANED/DEPLANED REVENUE PASSENGERS, 2001

Region/Airport	Domestic	Transborder	International	Total
<b>Atlantic</b>				
Halifax	2,268,667	220,088	194,683	2,683,438
St. John's	723,280	6,451	48,506	778,237
Moncton	344,451	8,340	11,934	364,725
Fredericton	179,159	64	0	179,223
Saint John	157,917	324	0	158,241
Charlottetown	149,216	0	0	149,216
Gander	57,586	1,555	1,549	60,690
All Airports	4,335,917	237,551	259,056	4,832,524
<b>Quebec</b>				
Montreal/Dorval	3,776,978	2,447,861	1,808,370	8,033,209
Montreal/Mirabel	97,835	202,457	1,111,286	1,411,578
Quebec	482,636	88,569	71,562	642,767
All Airports	4,930,741	2,741,598	2,991,790	10,664,129
<b>Ontario</b>				
Toronto/Pearson	11,237,618	8,543,538	5,735,866	25,517,022
Ottawa	2,551,346	626,740	136,690	3,314,776
Thunder Bay	588,108	18,823	692	607,623
London	224,911	33,747	991	259,649
All Airports	16,115,243	9,266,684	5,876,398	31,258,325
<b>Prairie and Northern</b>				
Calgary	5,421,110	1,428,154	634,134	7,483,398
Edmonton/International	3,098,796	410,496	111,620	3,620,912
Winnipeg	2,199,128	347,197	77,913	2,624,238
Saskatoon	634,168	76,994	3,033	714,195
Regina	579,413	60,049	8,792	648,254
Yellowknife	184,295	142	138	184,575
Whitehorse	133,442	3,041	0	136,483
Iqaluit	75,282	137	2,319	77,738
All Airports	13,223,762	2,327,122	837,949	16,388,833
<b>Pacific</b>				
Vancouver	6,767,774	3,720,358	3,212,269	13,700,401
Victoria	758,494	149,462	8,054	916,010
Kelowna	718,134	63,638	0	781,772
Prince George	315,651	60	0	315,711
All Airports	9,796,483	3,963,181	3,220,324	16,979,988

Source: Statistics Canada

**TABLE A9-16: CHANGES TO DOMESTIC SCHEDULED AIR SERVICES IN 2001 (MINIMUM 25 DAILY SEATS)**

<b>New Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Abbotsford-Kelowna	Central Mountain Air	4 daily	
Abbotsford-Prince George	Central Mountain Air	3 daily	
Blanc Sablon/St. Augustin/ Chevery-Sept Îles	Air Labrador	2 daily	
Calgary/Edmonton-Toronto	SkyService	6 weekly	
Calgary-Toronto	WestJet	4 daily	
Dawson Creek-Vancouver	Hawkair	Daily	
Deer Lake/Stephenville-St. John's	Provincial Airlines	Daily	
Deer Lake-Halifax	CanJet	3 weekly	
Edmonton-Toronto	WestJet	2 daily	
Fort McMurray-Calgary	Air Canada Jazz	Daily	
Fredericton/Saint John-Toronto	Air Canada Tango	Daily	
Gander-Halifax	Air Canada Jazz	Daily	
Gaspe-Quebec	Air Canada Jazz	2 daily	
Halifax-Montreal	Air Canada Tango	Daily	
Halifax-Montreal	CanJet	Daily	
Halifax-Montreal/Ottawa	CanJet	Daily	
Halifax-Ottawa	Air Canada Tango	Daily	
Halifax-Ottawa	CanJet	Daily	
Halifax-Toronto	SkyService	Daily	
Halifax-Toronto	CanJet	3 daily	
Halifax-Toronto	Jetsgo	Daily	
London-Winnipeg	WestJet	Daily	
Moncton-St. John's	CanJet	5 weekly	
Moncton-Toronto	CanJet	Daily	
Montreal-Toronto	Jetsgo	4 daily	
Montreal-Winnipeg	Air Canada Tango	Daily	
Nanaimo-Vancouver	Canadian Western	4 daily	
Quebec-Toronto	Air Canada Tango	Daily	
Regina-Winnipeg	WestJet	Daily	
Saskatoon/Regina-Toronto	Air Canada Tango	Daily	
Saskatoon-Prince Albert & northern Saskatchewan	Norcanair	3 daily	
Sault Ste. Marie-Hamilton	WestJet	3 weekly	
Sault Ste. Marie-Winnipeg	WestJet	2 weekly	
St. John's/Deer Lake-Toronto	SkyService	Seasonal	
St. John's/Gander-Toronto	SkyService	Seasonal	
St. John's-Halifax	SkyService	3 weekly	
St. John's-Halifax	CanJet	2 daily	
St. John's-Toronto	SkyService	2 weekly	
Thunder Bay-Toronto	Air Canada Tango	Daily	
Timmins-Toronto	Jetsgo	Daily	
Vancouver-Toronto	SkyService	Daily	
Vancouver-Toronto	Jetsgo	Daily	
Vancouver-Toronto	WestJet	Daily	
Whitehorse-Calgary/Edmonton	Air North	3 weekly	
Whitehorse-Vancouver	Air North	4 weekly	
Winnipeg-Toronto	SkyService	Seasonal	
Winnipeg-Toronto	Jetsgo	Daily	

**Discontinued Services**

<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Campbell River-Vancouver	Air Canada Jazz	4 daily
Comox-Vancouver	Air Canada Jazz	4 daily
Cranbrook-Penticton	Air Canada Jazz	Daily
Dawson Creek-Vancouver	Air Canada/ Central Mountain Air	2 daily
Deer Lake-Gander	Air Canada Jazz	2 daily
Island Lake-Winnipeg	Skyward Aviation	2 daily
Kitchener-Ottawa	Trillium Air	2 daily
Mont Joli-Gaspe	Air Canada Jazz	2 daily
Mont Joli-Quebec	Air Canada Jazz	2 daily
Thompson-Winnipeg	WestJet	Daily
Victoria-Calgary	Air Canada Jazz	2 daily

Source: Official Airline Guides and airline timetables

**TABLE A9-17: CHANGES TO TRANSBORDER SCHEDULED AIR SERVICES IN 2001 (MINIMUM 25 DAILY SEATS)**

<b>New Services</b>	<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Calgary-Chicago	United	Daily	
Calgary-Detroit	Northwest	Seasonal	
Calgary-Honolulu	Air Canada	Seasonal	
Calgary-Los Angeles	Alaska	Daily	
Calgary-Phoenix	America West	Daily	
Edmonton-Denver	United/Air Wisconsin	2 daily	
Edmonton-Honolulu	Air Canada	Seasonal	
Edmonton-Maui	Air Canada	Seasonal	
Edmonton-Maui	Air Canada	Seasonal	
Halifax-Boston	Delta/Atlantic Coast	3 daily	
Montreal-Albany	Continental/Commutair	2 daily	
Montreal-Atlanta	Air Canada Jazz	3 daily	
Montreal-Fort Lauderdale	Air Canada Tango	Seasonal	
Montreal-Houston	Continental	Seasonal	
Montreal-New York/La Guardia	Delta/Atlantic Coast	3 daily	
Montreal-New York/La Guardia	US Airways/Allegheny	6 daily	
Montreal-Orlando	Air Canada Tango	Seasonal	
Ottawa-Albany	Continental/Commutair	2 daily	
Ottawa-Fort Lauderdale	Air Canada Tango	Seasonal	
Quebec-Fort Lauderdale	Air Canada Tango	Seasonal	
Toronto-Washington/Dulles	United/Atlantic Coast	4 daily	
Toronto-Washington/Reagan	US Airways/Piedmont	4 daily	
Vancouver-Anchorage	Air Canada	Seasonal	
Vancouver-Chicago	American	Seasonal	
Vancouver-Honolulu	Aloha	Daily	
Vancouver-Maui	Aloha	Seasonal	
Winnipeg-Denver	United/Air Wisconsin	2 daily	

**Discontinued Services**

<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Calgary-Las Vegas	Air Canada	Seasonal
Ottawa-New York/Newark	Air Canada	2 daily
Toronto-Baltimore	US Airways/Piedmont	5 daily
Toronto-Greensboro	Air Canada	2 daily
Toronto-Indianapolis	US Airways/Chautauqua	Daily
Toronto-Louisville	Air Canada/Air Georgian	3 daily
Toronto-Norfolk	Air Canada Jazz	Daily
Toronto-Richmond	Air Canada Jazz	3 daily
Toronto-Syracuse	Air Canada/Air Georgian	2 daily
Toronto-Westchester County	Continental/ExpressJet	4 daily
Vancouver-Boston	Air Canada	Daily
Vancouver-Las Vegas	Air Canada	Seasonal
Vancouver-Washington/Dulles	Air Canada	Seasonal

Source: Official Airline Guides and airline timetables

**TABLE A9-18: CHANGES TO INTERNATIONAL SCHEDULED AIR SERVICES IN 2001 (MINIMUM 25 DAILY SEATS)**

<b>New Services</b>		
<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Montreal-Vienna	Austrian Airlines	2 weekly
Toronto-Amsterdam	Air Canada	Seasonal
Toronto-Madrid	Air Canada	5 weekly
Toronto-Milan <sup>1</sup>	Alitalia	5 weekly
Toronto-Rome <sup>1</sup>	Air Canada	Daily
Toronto-Shannon/Dublin	Air Canada	Seasonal
Vancouver-Mexico City	Mexicana	5 weekly
<b>Discontinued Services</b>		
<i>Service</i>	<i>Airline</i>	<i>Frequency</i>
Montreal-Havana/San Salvador/ San Jose	TACA/LACSA	3 weekly
Toronto-Buenos Aires via Sao Paulo	Air Canada	6 weekly
Toronto-Honolulu-Melbourne	Air Canada	3 weekly
Toronto-Milan <sup>1</sup>	Air Canada	Seasonal
Toronto-Zurich <sup>2</sup>	Air Canada	Daily
Vancouver-Taipei <sup>2</sup>	Air Canada	Daily

<sup>1</sup> Air Canada and Alitalia had shared Canada-Italy routes on a seasonal basis with Alitalia operating during the summer and Air Canada during the winter. The two airlines will now operate their own routes separately on a year-round basis.

<sup>2</sup> Air Canada expects to return to the Toronto-Zurich and Vancouver-Taipei markets in the summer of 2003.

Source: Official Airline Guides and airline timetables

**TABLE A9-19: AVERAGE DAILY SEAT-KILOMETRES BY AIRLINE, DOMESTIC SECTOR, DECEMBER 2001 AND 2002**

<i>Airline</i>	<i>Daily Seat-Kilometres</i>			<i>Capacity Share</i>	
	<i>Dec. 2001</i>	<i>Dec. 2002</i>	<i>Percentage Change</i>	<i>Dec. 2001</i>	<i>Dec. 2002</i>
<b>Air Canada Family</b>					
Air Canada	63,872,646	58,027,717	(9.2)	61.0	48.4
Tango	7,293,966	9,165,873	25.7	7.0	7.6
Zip	0	3,274,061	N/A	0.0	2.7
Jazz	10,434,971	9,802,518	(6.1)	10.0	8.2
Other Regionals	446,044	414,762	(7.0)	0.4	0.3
<b>Total</b>	<b>82,047,628</b>	<b>80,684,931</b>	<b>(1.7)</b>	<b>78.3</b>	<b>67.3</b>
<b>National Airlines</b>					
WestJet	15,755,056	23,651,279	50.1	15.0	19.7
SkyService/Conquest	0	2,910,523	N/A	0.0	2.4
Jetsgo	0	2,739,520	N/A	0.0	2.3
CanJet	0	2,331,069	N/A	0.0	1.9
Air Transat	1,206,345	1,202,259	(0.3)	1.2	1.0
<b>Total</b>	<b>16,961,401</b>	<b>32,834,649</b>	<b>93.6</b>	<b>16.2</b>	<b>27.4</b>
<b>Northern Airlines</b>					
First Air/Air Inuit	1,812,222	1,776,130	(2.0)	1.7	1.5
Canadian North/ Air Norterra	1,029,259	1,058,016	2.8	1.0	0.9
Air North	46,780	347,765	643.4	0.0	0.3
<b>Total</b>	<b>2,888,262</b>	<b>3,181,911</b>	<b>10.2</b>	<b>2.8</b>	<b>2.7</b>
<b>Local Service Airlines</b>					
	2,833,867	3,276,054	15.6	2.7	2.7
<b>Total Domestic</b>					
	104,731,157	119,977,544	14.6	100.0	100.0

Source: Official Airline Guide and airline timetables

**TABLE A9-20: AVERAGE DAILY SEAT-KILOMETRES BY REGION, DOMESTIC SECTOR, DECEMBER 2001 AND 2002**

Airline	Daily Seat-Kilometres			Capacity Share	
	Dec. 2001	Dec. 2002	Percentage Change	Dec. 2001	Dec. 2002
<b>Transcontinental Markets</b>					
Air Canada Family	49,860,958	46,699,739	(6.3)	90.0	75.1
WestJet	4,332,344	10,683,286	146.6	7.8	17.2
SkyService/Conquest	0	2,093,662	N/A	0.0	3.4
Jetsgo	0	1,550,720	N/A	0.0	2.5
Air Transat	1,206,345	1,117,517	(7.4)	2.2	1.8
<b>Total</b>	<b>55,399,647</b>	<b>62,144,924</b>	<b>12.2</b>	<b>100.0</b>	<b>100.0</b>
<b>Western Canada</b>					
Air Canada Family	10,326,432	11,522,012	11.6	48.4	47.4
WestJet	9,867,669	11,180,266	13.3	46.2	45.9
SkyService/Conquest	0	39,219	N/A	0.0	0.2
Canadian North/ Air Norterra	0	11,597	N/A	0.0	0.0
Local Service Airlines <sup>1</sup>	1,145,232	1,580,385	38.0	5.4	6.5
<b>Total</b>	<b>21,339,333</b>	<b>24,333,479</b>	<b>14.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Ontario/Quebec</b>					
Air Canada Family	10,304,787	10,333,184	0.3	80.5	74.8
WestJet	1,212,721	1,418,684	17.0	9.5	10.3
Jetsgo	0	776,960	N/A	0.0	5.6
First Air	410,605	396,056	(3.5)	3.2	2.9
Air Transat	0	84,741	N/A	0.0	0.6
CanJet	0	23,297	N/A	0.0	0.2
Local Service Airlines <sup>1</sup>	880,000	787,121	(10.6)	6.9	5.7
<b>Total</b>	<b>12,808,115</b>	<b>13,820,044</b>	<b>7.9</b>	<b>100.0</b>	<b>100.0</b>
<b>Atlantic Canada</b>					
Air Canada Family	10,962,651	11,537,197	5.2	93.3	72.8
CanJet	0	2,307,771	N/A	0.0	14.6
SkyService/Conquest	0	777,641	N/A	0.0	4.9
Jetsgo	0	411,840	N/A	0.0	2.6
WestJet	342,321	369,043	7.8	2.9	2.3
Local Service Airlines	450,342	444,221	(1.4)	3.8	2.8
<b>Total</b>	<b>11,755,315</b>	<b>15,847,713</b>	<b>34.8</b>	<b>100.0</b>	<b>100.0</b>
<b>Northern Canada</b>					
First Air	1,401,617	1,380,074	(1.5)	40.9	36.0
Canadian North/ Air Norterra	1,029,259	1,046,419	1.7	30.0	27.3
Air Canada Family	592,800	592,800	0.0	17.3	15.5
Air North	46,780	347,765	643.4	1.4	9.1
Local Service Airlines <sup>1</sup>	358,291	464,327	29.6	10.4	12.1
<b>Total</b>	<b>3,428,748</b>	<b>3,831,385</b>	<b>11.7</b>	<b>100.0</b>	<b>100.0</b>

N/A = Not available

<sup>1</sup> Includes operations by Aviation Quebec-Labrador and Calm Air that were operated on behalf of Air Canada in December 2002. These services are now being operated independently from Air Canada.

Source: Official Airline Guide and airline timetables

**TABLE A9-21: COMPETITION IN DOMESTIC AIR MARKETS AS OF DECEMBER 31, 2002**

Rank	Market <sup>1</sup>	Daily Seats 2002 <sup>2</sup>	Percentage change over 2001	----- Capacity Market Shares (per cent) -----			Daily Seats 2001	
				Air Canada <sup>3</sup>	WestJet	Other Major <sup>4</sup>		Others
1	Montreal-Toronto	4,681	18	85	0	15	0	3,956
2	Toronto-Vancouver	3,212	5	79	4	17	0	3,053
3	Calgary-Vancouver	3,178	17	55	45	0	0	2,716
4	Ottawa-Toronto	2,420	(7)	100	0	0	0	2,595
5	Calgary-Toronto	2,022	22	72	26	2	0	1,656
6	Halifax-Toronto	2,000	47	67	0	33	0	1,361
7	Edmonton-Vancouver	1,664	12	55	45	0	0	1,484
8	Calgary-Edmonton	1,636	(16)	53	41	5	1	1,957
9	Edmonton-Toronto	1,282	35	74	20	6	0	949
10	Toronto-Winnipeg	1,185	(4)	86	0	14	0	1,228
11	Calgary-Winnipeg	1,168	13	47	53	0	0	1,033
12	Vancouver-Victoria	1,128	5	87	0	0	13	1,074
13	Halifax-St. John's	975	67	67	0	33	0	583
14	Kelowna-Vancouver	794	(3)	44	56	0	0	817
15	Halifax-Montreal	774	55	79	0	21	0	500
16	Abbotsford-Calgary	720	2	24	76	0	0	707
17	Halifax-Ottawa	663	63	75	0	25	0	408
18	Prince George-Vancouver	632	19	47	53	0	0	531
19	Calgary-Regina	608	3	45	55	0	0	590
20	Calgary-Kelowna	586	(5)	26	74	0	0	617
21	Calgary-Saskatoon	563	(0)	43	57	0	0	565
22	Quebec-Toronto	540	22	100	0	0	0	442
23	Montreal-Quebec	529	6	100	0	0	0	499
24	Thunder Bay-Toronto	523	16	100	0	0	0	452
25	Hamilton-Ottawa	516	2	0	100	0	0	505

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 includes the number of seats operated by Jazz, Tango, Zip and regional code-share partners.  
 4 Includes Air Transat, CanJet, Jetsgo and SkyService Airlines.

Source: Official Airline Guide and airline timetables

