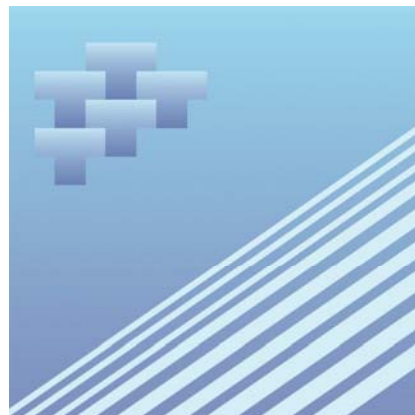


Catalogue no. 53F0004X

Canadian Vehicle Survey: Quarterly

July to September 2008



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Statistics Canada
Transportation Division

Canadian Vehicle Survey: Quarterly

July to September 2008

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Note of appreciation

Canada owes the success of its statistical system to a long standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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Highlights

- After four consecutive quarters in which vehicle kilometres declined compared to the previous year, Canadians drove their vehicles more during the third quarter of 2008 than they had the year before. The total kilometres driven in Canada increased by 0.7% compared to the third quarter of 2007. The distance travelled in light vehicles (weighing less than 4.5 metric tonnes) increased by the same amount, and heavy vehicles (weighing 4.5 metric tonnes or more) travelled 1.6% more than they had the year before.
- Nationally, motor vehicle registrations increased by 2.1% for the quarter. Light vehicle registrations increased by 2.0% while heavy vehicle registrations increased by 4.1%.
- Larger style light vehicles (vans, sport utility vehicles and pickup trucks) were driven 2.9% less in the third quarter compared to the previous year. Declines occurred in four of the past five quarters, reversing the trend that had existed for several years where the distance driven in larger styles converged with the distance driven in smaller styles (cars and station wagons). These smaller styles were driven 4.8% more than the year before.

Introduction

This document describes concepts, employed methods and discusses data quality. The reference period for all the information presented in this document is the third quarter of 2008.

Survey overview

The CVS is a voluntary vehicle-based survey that provides quarterly and annual estimates of road vehicle activity (vehicle-kilometres and passenger-kilometres) of vehicles registered in Canada. A quarterly sample of vehicles is drawn from vehicle registration lists provided by the provincial and territorial governments.

The provincial component of the survey consists of two steps. The first step is a computer assisted telephone interview (CATI) with the registered owners of the sampled vehicles. This interview is used to collect some general information on the usage of the vehicle as well as to ask the respondent to complete a trip log specific to his/her vehicle type. The trip log is then mailed out as a second step. If respondents cannot be contacted by phone, the trip log is mailed out with a short questionnaire to collect some of the information normally collected during the CATI.

The territorial component of the survey consists of two short questionnaires. One is mailed to the respondents at the beginning of the quarter and the other is mailed at the end of the quarter. The first questionnaire asks respondents to record the odometer reading at the beginning of the first day of the quarter. All those returning the first questionnaire are mailed a second questionnaire asking them to record the odometer reading at the beginning of the first day of the next quarter. These two odometer readings allow the calculation of the distance the vehicle was driven during the quarter.

Survey collection began on February 1, 1999. Only eight provincial / territorial vehicle registration lists were received in time to be included in the sample at that time, but over the remainder of 1999, the other lists were received. Starting October 1, 1999, vehicles from all provinces and territories were included in the survey.

Users who require additional information from Statistics Canada can obtain it from the Transportation Division upon request by phoning 1 866 500-8400 or e-mailing transportationstatistics@statcan.ca.

Related products

Selected publications from Statistics Canada

53-223-X	Canadian Vehicle Survey: Annual
53F0007X	Driving Characteristics of the Young and Aging Population

Selected CANSIM tables from Statistics Canada

405-0005	Canadian vehicle survey, number of vehicles on the registration lists, by type of vehicle, province and territory, quarterly
405-0006	Canadian vehicle survey, number of vehicles in scope, by type of vehicle, province and territory, quarterly
405-0007	Canadian vehicle survey, passenger-kilometres, by type of vehicle and province, quarterly
405-0008	Canadian vehicle survey, vehicle-kilometres, by type of vehicle, province and territory, quarterly
405-0009	Canadian vehicle survey, number of vehicles in scope, by type of vehicle and type of fuel, quarterly
405-0010	Canadian vehicle survey, passenger-kilometres, by type of vehicle and age of vehicle model, quarterly
405-0011	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and age of vehicle model, quarterly
405-0012	Canadian vehicle survey, passenger-kilometres, by type of vehicle and type of vehicle body, quarterly
405-0013	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and type of vehicle body, quarterly
405-0014	Canadian vehicle survey, number of vehicles in scope, by type of vehicle and type of vehicle body, quarterly
405-0015	Canadian vehicle survey, passenger-kilometres, by type of vehicle and type of fuel, quarterly
405-0016	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and type of fuel, quarterly
405-0017	Canadian vehicle survey, passenger-kilometres, by type of vehicle and days of the week, quarterly
405-0018	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and days of the week, quarterly

405-0019	Canadian vehicle survey, passenger-kilometres, by type of vehicle and driver age group, quarterly
405-0020	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and driver age group, quarterly
405-0026	Canadian vehicle survey, passenger-kilometres, by type of vehicle and sex of driver, quarterly
405-0027	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and sex of driver, quarterly
405-0028	Canadian vehicle survey, passenger-kilometres, by type of vehicle and time of day, quarterly
405-0029	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and time of day, quarterly
405-0030	Canadian vehicle survey, passenger-kilometres, by type of vehicle and carrying dangerous goods, quarterly
405-0031	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and carrying dangerous goods, quarterly
405-0032	Canadian vehicle survey, passenger-kilometres, by type of vehicle and type of day, quarterly
405-0033	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and type of day, quarterly
405-0034	Canadian vehicle survey, passenger-kilometres, by type of vehicle and type of road, quarterly
405-0035	Canadian vehicle survey, vehicle-kilometres, by type of vehicle and type of road, quarterly
405-0036	Canadian vehicle survey, passenger-kilometres, by type of vehicle and passenger age group, quarterly
405-0039	Canadian vehicle survey, passenger-kilometres, by type of vehicle, type of day and time of day, quarterly
405-0040	Canadian vehicle survey, vehicle-kilometres, by type of vehicle, type of day and time of day, quarterly
405-0041	Canadian vehicle survey, passenger-kilometres, by type of vehicle, driver age group and sex of driver, quarterly
405-0042	Canadian vehicle survey, vehicle-kilometres, by type of vehicle, driver age group and sex of driver, quarterly
405-0044	Canadian vehicle survey, number of vehicles up to 4.5 tonnes, by year of vehicle model, province and territory, quarterly
405-0045	Canadian vehicle survey, number of trucks 4.5 tonnes to 14.9 tonnes, by year of vehicle model, province and territory, quarterly
405-0046	Canadian vehicle survey, number of trucks 15 tonnes and over, by year of vehicle model, province and territory, quarterly
405-0053	Canadian vehicle survey, vehicle-kilometres for trucks over 4.5 tonnes, by vehicle group, type of vehicle and purpose of trip (specific to vehicle type), quarterly
405-0054	Canadian vehicle survey, passenger-kilometres for trucks over 4.5 tonnes, by vehicle group, type of vehicle and purpose of trip (specific to vehicle type), quarterly

405-0099	Canadian vehicle survey, number of vehicles in scope, by type of vehicle and age of vehicle model, quarterly
405-0101	Canadian vehicle survey, vehicle-kilometres and passenger-kilometres for vehicles up to 4.5 tonnes, by part of driver's job, quarterly
405-0102	Canadian vehicle survey, vehicle-kilometres for vehicles up to 4.5 tonnes, by origin and destination of trip, quarterly
405-0103	Canadian vehicle survey, passenger-kilometres for vehicles up to 4.5 tonnes, by origin and destination of trip, quarterly
405-0104	Canadian vehicle survey, vehicle-kilometres, by type of vehicle, type of fuel and type of vehicle body, quarterly
405-0105	Canadian vehicle survey, fuel consumed, by type of vehicle, type of fuel and type of vehicle body, quarterly
405-0106	Canadian vehicle survey, number of vehicles in scope, by type of vehicle and type of activity, quarterly
405-0107	Canadian vehicle survey, vehicle-kilometres and passenger-kilometres for trucks 4.5 tonnes to 14.9 tonnes, by type of activity, quarterly
405-0108	Canadian vehicle survey, vehicle-kilometres and passenger-kilometres for trucks 15 tonnes and over, by type of activity, quarterly
405-0109	Canadian vehicle survey, vehicle-kilometres and passenger-kilometres for trucks 4.5 tonnes to 14.9 tonnes, by type of trip, quarterly
405-0110	Canadian vehicle survey, vehicle-kilometres and passenger-kilometres for trucks 15 tonnes and over, by type of trip, quarterly

Selected surveys from Statistics Canada

2749	Canadian Vehicle Survey
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Statistical tables

Table 1
Number of vehicles on the registration lists by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	number			
Total - Canada				
Fourth quarter 2007	20,311,674	19,497,751	477,815	336,108
First quarter 2008	20,098,393	19,316,624	462,536	319,233
Second quarter 2008	20,311,235	19,497,152	485,063	329,020
Third quarter 2008	20,688,701	19,828,472	512,853	347,376
Newfoundland and Labrador				
Fourth quarter 2007	284,989	277,314	4,285	3,390
First quarter 2008	283,016	275,921	4,188	2,907
Second quarter 2008	282,612	274,880	4,276	3,456
Third quarter 2008	291,988	283,491	4,429	4,068
Prince Edward Island				
Fourth quarter 2007	83,172	78,840	1,492	2,840
First quarter 2008	81,558	77,558	1,384	2,616
Second quarter 2008	82,516	78,360	1,442	2,714
Third quarter 2008	84,718	80,246	1,543	2,929
Nova Scotia				
Fourth quarter 2007	573,443	556,533	8,801	8,109
First quarter 2008	565,987	549,203	8,781	8,003
Second quarter 2008	545,983	528,623	9,219	8,141
Third quarter 2008	549,424	531,899	9,290	8,235
New Brunswick				
Fourth quarter 2007	489,395	477,113	7,813	4,469
First quarter 2008	484,017	473,539	7,036	3,442
Second quarter 2008	493,490	481,936	7,267	4,287
Third quarter 2008	506,315	492,774	8,113	5,428
Quebec				
Fourth quarter 2007	4,666,320	4,563,308	62,104	40,908
First quarter 2008	4,540,476	4,452,022	52,714	35,740
Second quarter 2008	4,569,322	4,477,198	56,513	35,611
Third quarter 2008	4,682,473	4,577,070	64,983	40,420
Ontario				
Fourth quarter 2007	7,329,934	7,111,511	99,087	119,336
First quarter 2008	7,309,719	7,097,815	97,584	114,320
Second quarter 2008	7,376,334	7,156,540	101,662	118,132
Third quarter 2008	7,458,016	7,231,247	104,980	121,789
Manitoba				
Fourth quarter 2007	678,323	649,576	11,470	17,277
First quarter 2008	670,190	642,033	11,268	16,889
Second quarter 2008	685,622	656,743	11,670	17,209
Third quarter 2008	703,146	673,359	12,184	17,603
Saskatchewan				
Fourth quarter 2007	765,947	698,721	38,541	28,685
First quarter 2008	748,430	687,746	34,003	26,681
Second quarter 2008	770,663	702,662	39,049	28,952
Third quarter 2008	802,526	726,139	44,384	32,003
Alberta				
Fourth quarter 2007	2,720,164	2,509,255	121,085	89,824
First quarter 2008	2,723,373	2,512,587	122,509	88,277
Second quarter 2008	2,760,114	2,543,423	126,701	89,990
Third quarter 2008	2,809,995	2,585,666	131,148	93,181
British Columbia				
Fourth quarter 2007	2,662,032	2,523,633	120,096	18,303
First quarter 2008	2,635,382	2,497,772	120,155	17,455
Second quarter 2008	2,687,517	2,545,691	124,172	17,654
Third quarter 2008	2,740,028	2,592,929	128,391	18,708
Yukon				
Fourth quarter 2007	29,775	26,479	1,894	1,402
First quarter 2008	29,022	25,841	1,813	1,368
Second quarter 2008	29,940	26,503	2,004	1,433
Third quarter 2008	31,335	27,634	2,218	1,483

Table 1 – continued

Number of vehicles on the registration lists by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	number			
Northwest Territories				
Fourth quarter 2007	24,417	22,142	896	1,379
First quarter 2008	23,604	21,358	868	1,378
Second quarter 2008	23,664	21,489	867	1,308
Third quarter 2008	24,933	22,655	929	1,349
Nunavut				
Fourth quarter 2007	3,763	3,326	251	186
First quarter 2008	3,619	3,229	233	157
Second quarter 2008	3,458	3,104	221	133
Third quarter 2008	3,804	3,363	261	180

Table 2-1
Number of vehicles on the registration lists by jurisdiction and vehicle model year — Vehicles up to 4.5 tonnes

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
Total, all vehicle model years							
First quarter 2008	275,919	77,558	549,202	473,540	4,452,019	7,097,816	642,033
Second quarter 2008	274,877	78,356	528,623	481,932	4,477,196	7,156,541	656,743
Third quarter 2008	283,488	80,245	531,898	492,774	4,577,070	7,231,248	673,359
Earlier than 1990							
First quarter 2008	8,510	4,213	24,438	18,606	129,929	301,026	41,745
Second quarter 2008	7,802	4,099	23,619	19,679	138,394	290,882	43,943
Third quarter 2008	7,684	4,285	22,563	21,282	152,131	291,247	46,680
1990							
First quarter 2008	2,205	1,210	5,732	5,713	47,873	77,695	10,937
Second quarter 2008	1,997	1,125	5,137	5,381	45,144	73,795	10,648
Third quarter 2008	1,910	1,051	4,735	5,088	43,361	69,737	10,405
1991							
First quarter 2008	2,557	1,274	6,610	6,981	65,798	99,537	13,838
Second quarter 2008	2,272	1,164	5,875	6,553	61,279	90,342	13,429
Third quarter 2008	2,160	1,093	5,381	6,098	57,722	82,117	13,070
1992							
First quarter 2008	3,532	2,052	9,579	10,319	99,144	135,958	17,794
Second quarter 2008	3,144	1,895	8,524	9,635	92,396	129,120	17,267
Third quarter 2008	2,939	1,785	7,823	8,906	86,614	121,364	16,749
1993							
First quarter 2008	4,880	2,479	11,397	11,722	109,756	160,893	18,023
Second quarter 2008	4,306	2,300	10,199	10,937	102,026	147,439	17,414
Third quarter 2008	4,013	2,129	9,317	10,157	95,369	134,986	16,877
1994							
First quarter 2008	7,080	3,127	15,204	15,294	131,212	197,750	20,735
Second quarter 2008	6,336	2,983	13,753	14,500	123,377	189,070	20,224
Third quarter 2008	5,930	2,841	12,737	13,658	116,707	178,991	19,700
1995							
First quarter 2008	8,943	3,756	18,829	18,558	159,160	254,633	24,365
Second quarter 2008	8,131	3,582	17,108	17,755	150,836	239,288	23,914
Third quarter 2008	7,729	3,417	15,933	16,918	143,825	224,300	23,461
1996							
First quarter 2008	8,710	3,726	19,339	18,107	150,188	245,356	23,922
Second quarter 2008	8,095	3,599	17,862	17,512	143,902	238,689	23,506
Third quarter 2008	7,907	3,478	16,818	16,835	138,794	230,124	23,098
1997							
First quarter 2008	13,144	5,078	27,140	24,516	204,749	354,873	34,155
Second quarter 2008	12,415	5,005	25,394	24,105	198,801	343,129	33,747
Third quarter 2008	12,227	4,960	24,302	23,619	194,237	331,829	33,333
1998							
First quarter 2008	16,082	5,595	32,360	28,903	235,204	408,600	37,606
Second quarter 2008	15,464	5,564	30,558	28,556	229,863	404,089	37,290
Third quarter 2008	15,395	5,515	29,502	28,191	226,098	397,249	36,951
1999							
First quarter 2008	16,699	5,328	31,986	27,910	237,358	415,661	34,322
Second quarter 2008	16,187	5,316	30,413	27,807	233,386	408,316	34,189
Third quarter 2008	16,212	5,323	29,612	27,726	231,533	401,644	34,072
2000							
First quarter 2008	20,007	6,467	39,508	34,834	299,712	520,211	40,514
Second quarter 2008	19,608	6,477	37,615	34,816	295,029	519,111	40,543
Third quarter 2008	19,829	6,529	36,843	34,818	293,103	515,982	40,537
2001							
First quarter 2008	17,999	5,096	34,745	29,554	287,847	478,258	39,393
Second quarter 2008	17,644	5,151	33,349	29,556	283,965	473,859	39,586
Third quarter 2008	17,887	5,210	32,844	29,631	282,961	470,621	39,772

Table 2-1 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Vehicles up to 4.5 tonnes

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
2002							
First quarter 2008	20,911	6,121	43,437	35,589	344,442	550,778	47,494
Second quarter 2008	20,776	6,186	41,723	35,719	340,445	551,877	47,735
Third quarter 2008	20,953	6,294	41,170	35,898	339,768	551,544	47,975
2003							
First quarter 2008	22,899	5,842	43,997	36,693	364,598	576,901	50,280
Second quarter 2008	22,702	5,994	42,867	36,956	361,867	576,894	50,928
Third quarter 2008	22,871	6,140	42,597	37,286	363,306	576,814	51,384
2004							
First quarter 2008	20,595	4,157	37,233	31,318	324,764	474,462	41,846
Second quarter 2008	20,023	4,413	35,727	31,568	315,510	474,482	42,769
Third quarter 2008	19,769	4,719	36,024	32,183	313,287	477,143	44,025
2005							
First quarter 2008	24,141	3,973	42,922	35,576	381,489	539,017	45,738
Second quarter 2008	23,596	4,193	41,451	35,723	372,914	536,912	46,206
Third quarter 2008	23,661	4,490	41,338	36,299	370,328	536,283	46,908
2006							
First quarter 2008	21,643	3,470	40,754	33,209	346,150	541,803	43,230
Second quarter 2008	21,379	3,581	39,212	33,419	343,037	544,254	43,858
Third quarter 2008	21,598	3,727	38,969	33,698	345,661	544,443	44,392
2007							
First quarter 2008	27,379	3,622	47,092	38,336	407,700	557,057	42,681
Second quarter 2008	27,037	3,862	45,570	39,616	408,300	569,934	45,279
Third quarter 2008	27,185	4,154	46,193	40,455	416,602	579,262	47,295
2008							
First quarter 2008	7,924	958	16,612	11,640	123,161	203,967	13,301
Second quarter 2008	15,294	1,712	22,103	21,062	225,033	339,198	23,450
Third quarter 2008	23,458	2,667	33,911	30,729	330,962	468,359	33,778
2009							
First quarter 2008	63	14	288	160	1,582	2,330	113
Second quarter 2008	652	155	564	1,075	11,517	13,817	818
Third quarter 2008	2,151	438	3,286	3,296	34,533	45,306	2,897
Year unknown							
First quarter 2008	16	0	0	2	202	1,051	0
Second quarter 2008	17	0	0	2	174	2,044	0
Third quarter 2008	20	0	0	3	169	1,903	0

Table 2-1 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Vehicles up to 4.5 tonnes

	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2008	687,748	2,512,587	2,497,768	25,842	21,359	3,229	19,316,620
Second quarter 2008	702,663	2,543,424	2,545,691	26,501	21,490	3,101	19,497,138
Third quarter 2008	726,140	2,585,668	2,592,925	27,633	22,655	3,362	19,828,465
Earlier than 1990							
First quarter 2008	81,812	207,253	244,655	4,361	1,922	235	1,068,705
Second quarter 2008	86,201	200,213	248,006	4,297	1,844	214	1,069,193
Third quarter 2008	92,868	196,508	251,220	4,435	1,921	222	1,093,046
1990							
First quarter 2008	15,793	49,296	72,471	868	412	63	290,268
Second quarter 2008	15,424	47,054	70,774	865	395	57	277,796
Third quarter 2008	15,284	45,158	69,176	875	400	54	267,234
1991							
First quarter 2008	18,662	58,081	80,343	864	488	79	355,112
Second quarter 2008	18,180	55,453	78,433	855	461	81	334,377
Third quarter 2008	17,939	53,262	76,557	878	472	78	316,827
1992							
First quarter 2008	21,752	63,704	89,418	944	462	94	454,752
Second quarter 2008	21,266	61,150	87,561	932	442	88	433,420
Third quarter 2008	21,006	58,939	85,648	945	443	87	413,248
1993							
First quarter 2008	21,379	64,030	88,109	912	502	118	494,200
Second quarter 2008	20,871	61,553	86,308	918	476	112	464,859
Third quarter 2008	20,641	59,461	84,630	943	487	113	439,123
1994							
First quarter 2008	25,115	73,492	90,579	992	613	124	581,317
Second quarter 2008	24,607	71,110	89,092	989	584	115	556,740
Third quarter 2008	24,386	69,048	87,590	1,000	588	116	533,292
1995							
First quarter 2008	28,028	82,730	98,296	1,120	623	134	699,175
Second quarter 2008	27,481	80,311	97,083	1,116	613	130	667,348
Third quarter 2008	27,178	78,266	95,859	1,115	637	133	638,771
1996							
First quarter 2008	24,712	75,914	83,410	872	556	113	654,925
Second quarter 2008	24,337	74,235	82,724	878	559	104	636,002
Third quarter 2008	24,163	72,725	81,865	893	556	110	617,366
1997							
First quarter 2008	34,335	107,860	112,801	1,230	824	179	920,884
Second quarter 2008	33,865	106,080	112,196	1,251	800	170	896,958
Third quarter 2008	33,707	104,591	111,505	1,268	811	178	876,567
1998							
First quarter 2008	36,029	125,127	116,561	1,169	894	186	1,044,316
Second quarter 2008	35,603	123,345	115,979	1,182	863	174	1,028,530
Third quarter 2008	35,354	121,930	115,365	1,209	891	184	1,013,834
1999							
First quarter 2008	30,719	110,337	107,611	1,054	901	194	1,020,080
Second quarter 2008	30,415	109,190	107,480	1,062	891	185	1,004,837
Third quarter 2008	30,300	108,434	107,382	1,092	912	189	994,431
2000							
First quarter 2008	36,802	129,761	128,094	1,113	1,143	217	1,258,383
Second quarter 2008	36,580	128,650	128,246	1,129	1,121	199	1,249,124
Third quarter 2008	36,573	128,045	128,403	1,144	1,141	214	1,243,161
2001							
First quarter 2008	37,786	138,511	130,301	1,220	1,234	236	1,202,180
Second quarter 2008	37,614	137,727	130,599	1,237	1,209	228	1,191,724
Third quarter 2008	37,660	137,286	130,946	1,262	1,220	248	1,187,548

Table 2-1 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Vehicles up to 4.5 tonnes

	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
2002							
First quarter 2008	44,601	169,153	160,429	1,429	1,412	283	1,426,079
Second quarter 2008	44,400	168,415	160,966	1,452	1,366	283	1,421,343
Third quarter 2008	44,456	168,275	161,391	1,473	1,381	295	1,420,873
2003							
First quarter 2008	47,933	183,462	165,705	1,645	1,821	238	1,502,014
Second quarter 2008	48,307	183,287	166,861	1,678	1,779	229	1,500,349
Third quarter 2008	48,737	183,422	167,825	1,708	1,802	247	1,504,139
2004							
First quarter 2008	42,259	168,282	148,113	1,246	1,465	171	1,295,911
Second quarter 2008	43,192	168,687	149,145	1,295	1,438	169	1,288,418
Third quarter 2008	44,375	169,718	150,231	1,342	1,451	189	1,294,456
2005							
First quarter 2008	42,221	190,284	170,376	1,450	1,697	180	1,479,064
Second quarter 2008	42,689	189,936	171,271	1,470	1,672	173	1,468,206
Third quarter 2008	43,796	190,580	172,434	1,524	1,707	193	1,469,541
2006							
First quarter 2008	41,472	206,074	166,162	1,328	1,804	166	1,447,265
Second quarter 2008	42,000	206,412	168,137	1,367	1,791	162	1,448,609
Third quarter 2008	42,698	206,797	169,707	1,405	1,843	180	1,455,118
2007							
First quarter 2008	42,833	226,812	182,539	1,571	1,835	194	1,579,651
Second quarter 2008	45,860	232,699	188,260	1,679	1,895	185	1,610,176
Third quarter 2008	48,400	236,624	192,376	1,795	1,990	214	1,642,545
2008							
First quarter 2008	13,458	81,662	61,229	447	745	25	535,129
Second quarter 2008	23,341	133,774	102,968	803	1,258	43	910,039
Third quarter 2008	34,930	183,254	141,681	1,191	1,887	116	1,286,923
2009							
First quarter 2008	47	763	566	6	4	0	5,936
Second quarter 2008	430	4,144	3,602	46	30	0	36,850
Third quarter 2008	1,689	13,346	11,135	136	113	1	118,327
Year unknown							
First quarter 2008	0	0	0	0	2	0	1,273
Second quarter 2008	0	0	0	0	2	0	2,239
Third quarter 2008	0	0	0	0	2	1	2,098

Table 2-2
Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 4.5 tonnes to 14.9 tonnes

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
Total, all vehicle model years							
First quarter 2008	4,186	1,383	8,784	7,033	52,714	97,585	11,268
Second quarter 2008	4,274	1,440	9,217	7,267	56,514	101,660	11,671
Third quarter 2008	4,427	1,540	9,290	8,111	64,984	104,981	12,185
Earlier than 1990							
First quarter 2008	909	674	1,938	736	11,559	7,055	2,801
Second quarter 2008	915	690	2,172	818	11,954	7,216	2,793
Third quarter 2008	945	733	2,153	1,095	13,854	7,508	2,830
1990							
First quarter 2008	130	46	255	121	1,836	1,681	349
Second quarter 2008	130	48	263	124	1,899	1,732	359
Third quarter 2008	131	50	253	146	2,151	1,773	372
1991							
First quarter 2008	116	39	191	122	1,237	1,329	289
Second quarter 2008	108	40	197	123	1,258	1,334	286
Third quarter 2008	105	42	191	141	1,433	1,337	289
1992							
First quarter 2008	113	38	182	131	1,166	1,408	260
Second quarter 2008	106	40	191	142	1,233	1,437	260
Third quarter 2008	101	42	185	165	1,406	1,437	260
1993							
First quarter 2008	109	39	209	154	1,380	1,822	299
Second quarter 2008	105	42	215	152	1,472	1,836	305
Third quarter 2008	104	47	213	162	1,703	1,858	318
1994							
First quarter 2008	142	46	215	180	1,869	2,215	363
Second quarter 2008	143	49	222	182	1,998	2,282	362
Third quarter 2008	147	53	214	207	2,277	2,308	371
1995							
First quarter 2008	188	63	380	228	2,393	3,169	481
Second quarter 2008	189	64	385	231	2,510	3,218	491
Third quarter 2008	194	64	379	256	2,875	3,244	506
1996							
First quarter 2008	114	33	251	176	1,537	2,532	327
Second quarter 2008	118	35	254	181	1,646	2,576	334
Third quarter 2008	123	36	250	205	1,924	2,596	342
1997							
First quarter 2008	170	44	356	258	1,684	3,768	445
Second quarter 2008	164	48	363	256	1,815	3,807	462
Third quarter 2008	161	50	355	280	2,047	3,805	478
1998							
First quarter 2008	150	37	338	260	2,223	4,042	395
Second quarter 2008	148	37	344	257	2,373	4,110	402
Third quarter 2008	147	42	341	278	2,653	4,113	415
1999							
First quarter 2008	226	65	531	418	3,155	6,468	541
Second quarter 2008	220	71	534	414	3,350	6,569	553
Third quarter 2008	220	83	528	450	3,724	6,639	565
2000							
First quarter 2008	210	37	469	324	2,691	5,893	415
Second quarter 2008	213	40	477	330	2,894	6,046	429
Third quarter 2008	218	45	475	355	3,228	6,106	442
2001							
First quarter 2008	183	35	392	343	2,056	5,898	497
Second quarter 2008	183	36	395	344	2,168	6,028	508
Third quarter 2008	187	37	385	360	2,456	6,138	524

Table 2-2 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 4.5 tonnes to 14.9 tonnes

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
2002							
First quarter 2008	222	36	364	363	1,948	5,910	425
Second quarter 2008	223	39	366	364	2,060	6,079	429
Third quarter 2008	225	43	374	391	2,289	6,159	439
2003							
First quarter 2008	182	40	476	620	2,572	7,430	500
Second quarter 2008	189	41	477	614	2,750	7,529	507
Third quarter 2008	192	40	476	638	3,084	7,581	531
2004							
First quarter 2008	159	25	466	606	2,488	7,205	520
Second quarter 2008	161	25	460	599	2,654	7,370	539
Third quarter 2008	168	27	463	623	2,957	7,446	553
2005							
First quarter 2008	253	19	499	591	3,159	8,222	650
Second quarter 2008	254	22	514	560	3,375	8,320	684
Third quarter 2008	260	22	514	576	3,740	8,382	719
2006							
First quarter 2008	296	28	580	577	3,057	9,178	684
Second quarter 2008	301	28	593	577	3,236	9,387	711
Third quarter 2008	313	30	603	619	3,647	9,478	747
2007							
First quarter 2008	184	27	468	478	3,199	8,062	599
Second quarter 2008	201	27	490	497	3,426	8,461	641
Third quarter 2008	211	28	508	528	3,841	8,719	669
2008							
First quarter 2008	129	12	222	344	1,396	4,235	425
Second quarter 2008	198	18	302	489	2,051	6,091	604
Third quarter 2008	262	24	405	607	2,753	7,909	783
2009							
First quarter 2008	0	0	2	2	24	14	2
Second quarter 2008	4	0	3	12	317	141	13
Third quarter 2008	12	2	25	28	868	365	31
Year unknown							
First quarter 2008	1	0	0	1	86	49	0
Second quarter 2008	1	0	0	1	75	90	0
Third quarter 2008	1	0	0	1	73	80	0

Table 2-2 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 4.5 tonnes to 14.9 tonnes

	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2008	34,005	122,510	120,154	1,810	866	232	462,530
Second quarter 2008	39,048	126,702	124,172	2,003	866	220	485,054
Third quarter 2008	44,383	131,147	128,389	2,216	928	260	512,841
Earlier than 1990							
First quarter 2008	18,676	26,988	14,845	493	145	54	86,873
Second quarter 2008	22,617	26,908	14,971	511	146	50	91,761
Third quarter 2008	26,688	27,130	15,299	558	153	61	99,007
1990							
First quarter 2008	471	1,703	2,812	52	36	10	9,502
Second quarter 2008	523	1,688	2,822	58	35	11	9,692
Third quarter 2008	568	1,697	2,839	61	34	14	10,089
1991							
First quarter 2008	405	1,535	2,345	36	17	3	7,664
Second quarter 2008	436	1,515	2,359	38	17	2	7,713
Third quarter 2008	483	1,511	2,391	41	17	3	7,984
1992							
First quarter 2008	398	1,408	2,535	47	14	7	7,707
Second quarter 2008	434	1,390	2,526	50	12	6	7,827
Third quarter 2008	466	1,394	2,532	51	13	5	8,057
1993							
First quarter 2008	449	1,459	2,895	33	14	8	8,870
Second quarter 2008	484	1,469	2,934	37	12	6	9,069
Third quarter 2008	525	1,483	3,009	40	12	10	9,484
1994							
First quarter 2008	484	1,918	3,379	44	17	7	10,879
Second quarter 2008	515	1,916	3,410	45	16	7	11,147
Third quarter 2008	548	1,929	3,430	46	18	7	11,555
1995							
First quarter 2008	669	2,487	3,910	33	32	22	14,055
Second quarter 2008	701	2,482	3,917	36	30	20	14,274
Third quarter 2008	742	2,486	3,946	38	31	25	14,786
1996							
First quarter 2008	430	1,762	2,907	38	11	5	10,123
Second quarter 2008	451	1,764	2,978	40	11	5	10,393
Third quarter 2008	478	1,773	3,049	44	15	6	10,841
1997							
First quarter 2008	617	2,836	3,817	68	25	10	14,098
Second quarter 2008	639	2,844	3,855	71	23	9	14,356
Third quarter 2008	674	2,860	3,901	75	25	10	14,721
1998							
First quarter 2008	652	2,913	3,313	41	19	9	14,392
Second quarter 2008	670	2,906	3,372	44	18	7	14,688
Third quarter 2008	689	2,917	3,435	45	23	9	15,107
1999							
First quarter 2008	702	3,887	4,472	71	38	13	20,587
Second quarter 2008	736	3,899	4,551	71	37	13	21,018
Third quarter 2008	772	3,940	4,619	72	40	14	21,666
2000							
First quarter 2008	621	3,364	4,318	49	35	13	18,439
Second quarter 2008	650	3,400	4,377	51	35	9	18,951
Third quarter 2008	678	3,436	4,438	55	37	12	19,525
2001							
First quarter 2008	889	5,313	5,075	66	29	5	20,781
Second quarter 2008	899	5,322	5,196	66	29	5	21,179
Third quarter 2008	930	5,359	5,326	67	31	8	21,808

Table 2-2 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 4.5 tonnes to 14.9 tonnes

	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
2002							
First quarter 2008	770	4,554	5,403	68	30	4	20,097
Second quarter 2008	791	4,553	5,453	70	25	4	20,456
Third quarter 2008	813	4,568	5,518	70	23	5	20,917
2003							
First quarter 2008	890	5,548	8,999	102	39	7	27,405
Second quarter 2008	916	5,584	9,086	109	38	5	27,845
Third quarter 2008	949	5,604	9,167	117	42	7	28,428
2004							
First quarter 2008	757	4,925	9,319	97	38	6	26,611
Second quarter 2008	773	5,007	9,441	120	37	5	27,191
Third quarter 2008	798	5,085	9,593	142	40	8	27,903
2005							
First quarter 2008	1,431	10,011	10,456	116	64	6	35,477
Second quarter 2008	1,479	9,995	10,529	123	64	5	35,924
Third quarter 2008	1,561	10,032	10,658	135	67	5	36,671
2006							
First quarter 2008	1,790	14,463	12,721	170	89	24	43,657
Second quarter 2008	1,838	14,489	12,854	202	85	25	44,326
Third quarter 2008	1,892	14,524	12,956	221	85	22	45,137
2007							
First quarter 2008	1,615	15,023	11,094	120	74	7	40,950
Second quarter 2008	1,689	15,472	11,607	135	78	8	42,732
Third quarter 2008	1,762	15,737	11,945	149	82	10	44,189
2008							
First quarter 2008	1,287	10,399	5,532	66	100	12	24,159
Second quarter 2008	1,802	13,996	7,879	127	118	17	33,692
Third quarter 2008	2,354	17,408	10,188	188	138	19	43,038
2009							
First quarter 2008	1	14	7	0	0	0	66
Second quarter 2008	4	102	55	0	0	0	651
Third quarter 2008	14	274	151	1	1	0	1,772
Year unknown							
First quarter 2008	0	0	0	0	0	0	137
Second quarter 2008	0	0	0	0	0	0	167
Third quarter 2008	0	0	0	0	0	0	155

Table 2-3
Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 15 tonnes or more

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
Total, all vehicle model years							
First quarter 2008	2,907	2,613	8,001	3,441	35,741	114,318	16,889
Second quarter 2008	3,457	2,713	8,142	4,286	35,609	118,131	17,206
Third quarter 2008	4,069	2,928	8,235	5,427	40,416	121,786	17,600
Earlier than 1990							
First quarter 2008	373	1,342	1,067	762	1,252	7,340	2,008
Second quarter 2008	525	1,355	1,179	1,098	1,276	8,427	2,038
Third quarter 2008	685	1,443	1,152	1,544	1,536	9,711	2,089
1990							
First quarter 2008	49	138	139	148	259	1,694	207
Second quarter 2008	71	143	154	202	263	1,868	222
Third quarter 2008	91	160	148	256	315	2,022	239
1991							
First quarter 2008	49	106	99	90	166	1,197	165
Second quarter 2008	64	105	103	112	161	1,192	168
Third quarter 2008	80	112	103	138	191	1,205	173
1992							
First quarter 2008	44	43	96	53	265	1,227	185
Second quarter 2008	51	50	101	77	269	1,227	188
Third quarter 2008	59	59	100	105	304	1,239	195
1993							
First quarter 2008	43	74	134	106	348	1,527	323
Second quarter 2008	60	79	142	139	338	1,574	333
Third quarter 2008	77	85	142	177	389	1,624	349
1994							
First quarter 2008	91	80	240	161	713	2,262	475
Second quarter 2008	106	88	253	201	701	2,353	488
Third quarter 2008	126	100	246	247	786	2,439	498
1995							
First quarter 2008	138	151	354	190	1,189	4,007	609
Second quarter 2008	165	163	361	240	1,145	4,139	624
Third quarter 2008	196	176	353	299	1,289	4,270	644
1996							
First quarter 2008	124	103	277	127	885	3,024	538
Second quarter 2008	147	112	279	165	866	3,094	553
Third quarter 2008	166	120	279	202	989	3,120	565
1997							
First quarter 2008	84	52	259	105	988	3,473	563
Second quarter 2008	106	56	261	127	964	3,512	563
Third quarter 2008	129	62	257	160	1,109	3,561	567
1998							
First quarter 2008	169	89	429	189	1,858	6,351	864
Second quarter 2008	201	95	418	219	1,800	6,402	868
Third quarter 2008	231	102	410	274	2,034	6,352	877
1999							
First quarter 2008	159	88	509	219	2,195	7,959	939
Second quarter 2008	194	98	497	247	2,098	7,976	949
Third quarter 2008	233	109	488	306	2,358	7,963	963
2000							
First quarter 2008	216	79	589	173	3,013	9,619	1,150
Second quarter 2008	243	82	569	201	2,920	9,678	1,148
Third quarter 2008	269	87	560	242	3,261	9,637	1,158
2001							
First quarter 2008	131	42	313	115	1,945	6,365	759
Second quarter 2008	147	45	303	124	1,880	6,351	762
Third quarter 2008	160	50	300	143	2,104	6,330	772

Table 2-3 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 15 tonnes or more

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	number						
2002							
First quarter 2008	98	15	268	81	1,140	4,869	483
Second quarter 2008	104	18	270	87	1,119	4,928	478
Third quarter 2008	115	20	265	96	1,250	4,945	486
2003							
First quarter 2008	143	28	402	112	2,503	7,022	819
Second quarter 2008	153	29	387	124	2,410	7,034	819
Third quarter 2008	162	30	379	146	2,659	7,035	830
2004							
First quarter 2008	132	27	507	147	2,512	7,515	972
Second quarter 2008	149	26	487	152	2,355	7,463	957
Third quarter 2008	166	28	493	165	2,573	7,425	945
2005							
First quarter 2008	231	28	649	181	4,865	11,468	1,528
Second quarter 2008	235	31	643	192	4,714	11,413	1,413
Third quarter 2008	247	36	648	217	5,094	11,357	1,318
2006							
First quarter 2008	241	38	581	223	4,029	10,772	1,411
Second quarter 2008	252	42	569	232	3,983	10,802	1,409
Third quarter 2008	270	45	578	259	4,416	10,816	1,379
2007							
First quarter 2008	316	54	797	183	4,504	13,289	2,105
Second quarter 2008	348	55	793	211	4,549	13,610	2,096
Third quarter 2008	377	56	796	244	5,122	13,783	2,090
2008							
First quarter 2008	74	36	275	74	1,046	3,156	752
Second quarter 2008	113	38	340	112	1,346	4,167	917
Third quarter 2008	148	41	399	143	1,634	4,809	985
2009							
First quarter 2008	1	0	17	2	63	120	34
Second quarter 2008	21	3	34	24	449	814	213
Third quarter 2008	80	8	138	63	1,000	2,058	479
Year unknown							
First quarter 2008	1	0	0	0	4	62	0
Second quarter 2008	2	0	0	0	3	108	0
Third quarter 2008	2	0	0	0	3	85	0

Table 2-3 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 15 tonnes or more

	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2008	26,681	88,277	17,454	1,365	1,379	157	319,223
Second quarter 2008	28,952	89,988	17,653	1,434	1,309	131	329,011
Third quarter 2008	32,003	93,181	18,707	1,480	1,349	181	347,362
Earlier than 1990							
First quarter 2008	8,407	18,493	2,902	211	183	25	44,365
Second quarter 2008	9,637	18,579	3,020	229	172	26	47,561
Third quarter 2008	11,172	18,930	3,210	257	166	33	51,928
1990							
First quarter 2008	721	1,732	684	34	33	4	5,842
Second quarter 2008	774	1,745	692	33	34	4	6,205
Third quarter 2008	862	1,772	709	32	35	3	6,644
1991							
First quarter 2008	519	1,287	390	12	25	6	4,111
Second quarter 2008	547	1,310	403	15	23	5	4,208
Third quarter 2008	584	1,336	417	17	21	7	4,384
1992							
First quarter 2008	500	1,048	525	31	20	2	4,039
Second quarter 2008	527	1,055	519	31	19	2	4,116
Third quarter 2008	568	1,065	525	32	19	4	4,274
1993							
First quarter 2008	779	1,527	494	26	22	5	5,408
Second quarter 2008	820	1,547	495	28	22	6	5,583
Third quarter 2008	892	1,579	507	30	25	5	5,881
1994							
First quarter 2008	1,055	2,399	646	30	42	4	8,198
Second quarter 2008	1,104	2,403	642	31	38	4	8,412
Third quarter 2008	1,192	2,437	666	30	35	6	8,808
1995							
First quarter 2008	1,492	2,980	698	44	56	10	11,918
Second quarter 2008	1,569	2,991	706	46	57	5	12,211
Third quarter 2008	1,685	3,055	733	45	52	6	12,803
1996							
First quarter 2008	1,102	2,480	671	41	62	5	9,439
Second quarter 2008	1,151	2,469	656	44	55	7	9,598
Third quarter 2008	1,216	2,518	663	48	51	9	9,946
1997							
First quarter 2008	1,150	3,007	745	42	57	3	10,528
Second quarter 2008	1,185	2,999	728	42	47	2	10,592
Third quarter 2008	1,255	3,040	735	41	44	4	10,964
1998							
First quarter 2008	1,544	4,347	762	52	75	9	16,738
Second quarter 2008	1,616	4,296	741	55	69	8	16,788
Third quarter 2008	1,726	4,358	765	55	70	9	17,263
1999							
First quarter 2008	1,359	3,742	674	49	66	16	17,974
Second quarter 2008	1,428	3,719	660	50	58	10	17,984
Third quarter 2008	1,515	3,792	676	46	55	13	18,517
2000							
First quarter 2008	1,360	4,043	597	69	74	8	20,990
Second quarter 2008	1,417	4,015	580	66	68	6	20,993
Third quarter 2008	1,486	4,105	612	66	70	8	21,561
2001							
First quarter 2008	908	3,681	646	69	72	5	15,051
Second quarter 2008	966	3,649	622	68	68	3	14,988
Third quarter 2008	1,046	3,713	651	61	62	7	15,399

Table 2-3 – continued

Number of vehicles on the registration lists by jurisdiction and vehicle model year — Trucks 15 tonnes or more

	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut	Total
	number						
2002							
First quarter 2008	508	2,858	585	38	40	5	10,988
Second quarter 2008	524	2,847	581	39	39	3	11,037
Third quarter 2008	560	2,904	614	39	41	4	11,339
2003							
First quarter 2008	694	3,192	639	57	55	11	15,677
Second quarter 2008	717	3,170	627	56	53	8	15,587
Third quarter 2008	761	3,231	693	58	55	12	16,051
2004							
First quarter 2008	765	4,154	901	56	69	9	17,766
Second quarter 2008	793	4,124	886	56	65	6	17,519
Third quarter 2008	847	4,192	924	56	67	9	17,890
2005							
First quarter 2008	918	6,332	1,257	108	80	7	27,652
Second quarter 2008	952	6,291	1,221	108	72	6	27,291
Third quarter 2008	1,004	6,367	1,283	106	83	8	27,768
2006							
First quarter 2008	959	7,819	1,542	141	118	5	27,879
Second quarter 2008	973	7,853	1,510	143	109	4	27,881
Third quarter 2008	993	7,987	1,574	142	114	10	28,583
2007							
First quarter 2008	1,412	10,530	1,616	204	193	15	35,218
Second quarter 2008	1,457	10,875	1,631	215	183	14	36,037
Third quarter 2008	1,514	11,278	1,752	221	196	19	37,448
2008							
First quarter 2008	516	2,441	465	48	37	3	8,923
Second quarter 2008	674	3,238	633	65	46	3	11,692
Third quarter 2008	777	3,783	764	73	50	5	13,611
2009							
First quarter 2008	13	185	16	3	0	0	454
Second quarter 2008	122	813	100	13	11	0	2,617
Third quarter 2008	347	1,739	234	25	38	0	6,209
Year unknown							
First quarter 2008	0	0	0	0	0	0	67
Second quarter 2008	0	0	0	0	0	0	113
Third quarter 2008	0	0	0	0	0	0	90

Table 3-1
Estimates of number of vehicles in scope for Canada by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total - Canada				
Fourth quarter 2007	19,936,365 A	19,208,797 A	409,019 A	318,549 A
First quarter 2008	19,852,771 A	19,167,703 A	377,267 A	307,801 A
Second quarter 2008	20,027,173 A	19,283,943 A	416,309 A	326,921 A
Third quarter 2008	20,345,355 A	19,569,507 A	432,136 A	343,711 A
Newfoundland and Labrador				
Fourth quarter 2007	275,964 A	269,799 A	3,349 D	2,817 D
First quarter 2008	280,573 A	274,408 A	3,387 C	2,778 B
Second quarter 2008	276,582 A	269,245 A	3,883 C	3,454 C
Third quarter 2008	287,246 A	279,246 A	4,213 B	3,787 B
Prince Edward Island				
Fourth quarter 2007	81,780 A	77,719 B	1,342 C	2,719 C
First quarter 2008	80,674 A	76,874 A	1,287 B	2,512 A
Second quarter 2008	81,735 A	77,770 A	1,130 D	2,835 A
Third quarter 2008	81,277 A	77,076 A	1,218 C	2,983 A
Nova Scotia				
Fourth quarter 2007	564,684 A	549,440 A	7,136 C	8,108 C
First quarter 2008	555,563 A	540,222 A	6,923 B	8,418 B
Second quarter 2008	551,160 A	535,184 A	8,195 E	7,781 B
Third quarter 2008	553,096 A	535,933 A	9,147 A	8,016 A
New Brunswick				
Fourth quarter 2007	472,450 A	462,584 A	5,943 B	3,923 C
First quarter 2008	466,748 A	458,683 A	4,839 C	3,225 C
Second quarter 2008	478,639 A	469,302 A	5,297 C	4,040 B
Third quarter 2008	495,272 A	483,886 A	6,070 B	5,316 A
Quebec				
Fourth quarter 2007	4,613,102 A	4,526,816 A	45,816 C	40,470 B
First quarter 2008	4,492,220 A	4,415,068 A	40,228 B	36,925 A
Second quarter 2008	4,494,024 A	4,410,056 A	42,420 B	41,547 A
Third quarter 2008	4,580,164 A	4,485,416 A	47,913 B	46,835 B
Ontario				
Fourth quarter 2007	7,183,768 A	6,988,471 A	84,579 B	110,719 B
First quarter 2008	7,219,128 A	7,032,618 A	78,622 B	107,888 A
Second quarter 2008	7,266,688 A	7,066,433 A	85,809 B	114,447 A
Third quarter 2008	7,325,806 A	7,119,378 A	89,233 B	117,195 A
Manitoba				
Fourth quarter 2007	677,228 A	648,730 A	11,221 B	17,277 B
First quarter 2008	674,616 A	647,024 A	10,991 A	16,601 A
Second quarter 2008	674,597 A	647,459 A	10,963 B	16,175 B
Third quarter 2008	703,928 A	675,029 A	11,296 B	17,603 A
Saskatchewan				
Fourth quarter 2007	750,349 A	686,035 A	37,513 B	26,801 B
First quarter 2008	728,651 A	670,101 A	33,037 A	25,513 A
Second quarter 2008	761,466 A	695,377 A	38,630 A	27,459 A
Third quarter 2008	805,691 A	736,692 A	38,808 B	30,191 B
Alberta				
Fourth quarter 2007	2,647,619 A	2,450,014 A	111,021 B	86,584 B
First quarter 2008	2,661,507 A	2,463,634 A	113,583 A	84,290 A
Second quarter 2008	2,709,536 A	2,501,272 A	118,747 A	89,517 A
Third quarter 2008	2,737,334 A	2,516,283 A	130,514 A	90,538 A
British Columbia				
Fourth quarter 2007	2,612,205 A	2,497,396 A	98,452 B	16,356 C
First quarter 2008	2,636,419 A	2,538,316 A	81,518 B	16,586 A
Second quarter 2008	2,675,349 A	2,560,158 A	98,385 B	16,806 A
Third quarter 2008	2,716,940 A	2,608,287 A	90,624 B	18,029 A
Yukon				
Fourth quarter 2007	29,854 A	26,668 A	1,833 A	1,354 B
First quarter 2008	29,717 A	26,553 A	1,796 A	1,368 A
Second quarter 2008	29,918 A	26,557 A	1,941 A	1,420 C
Third quarter 2008	30,322 A	26,863 A	1,976 B	1,483 A

Table 3-1 – continued

Estimates of number of vehicles in scope for Canada by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Northwest Territories				
Fourth quarter 2007	24,109 ^A	21,872 ^A	815 ^B	1,422 ^A
First quarter 2008	23,538 ^A	20,973 ^A	868 ^A	1,697 ^A
Second quarter 2008	24,146 ^A	21,797 ^A	909 ^A	1,440 ^B
Third quarter 2008	24,549^A	22,063^A	929^A	1,557^A
Nunavut				
Fourth quarter 2007	3,253 ^A	3,253 ^A	F	F
First quarter 2008	3,415 ^A	3,229 ^A	F	F
Second quarter 2008	3,333 ^A	3,333 ^A	F	F
Third quarter 2008	3,731^A	3,356^A	F	180^A

Table 3-2

Estimates of number of vehicles in scope for Canada by type of vehicle and vehicle model year

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total, all vehicle model years				
First quarter 2008	19,852,771 ^A	19,167,703 ^A	377,267 ^A	307,801 ^A
Second quarter 2008	20,027,173 ^A	19,283,943 ^A	416,309 ^A	326,921 ^A
Third quarter 2008	20,345,355^A	19,569,507^A	432,136^A	343,711^A
Later than 2005				
First quarter 2008	2,929,780 ^A	2,771,319 ^B	90,479 ^B	67,981 ^B
Second quarter 2008	3,645,243 ^A	3,481,098 ^B	98,315 ^B	65,830 ^B
Third quarter 2008	4,232,963^A	4,028,856^A	109,211^B	94,897^B
2003 to 2005				
First quarter 2008	4,423,732 ^A	4,279,303 ^A	81,016 ^C	63,414 ^B
Second quarter 2008	4,774,799 ^A	4,627,395 ^A	81,782 ^C	65,622 ^B
Third quarter 2008	4,483,563^A	4,344,298^A	84,516^C	54,749^C
1999 to 2002				
First quarter 2008	5,257,505 ^A	5,126,753 ^A	71,748 ^C	59,004 ^B
Second quarter 2008	5,136,960 ^A	4,990,459 ^A	76,768 ^C	69,733 ^B
Third quarter 2008	5,340,971^A	5,209,922^A	72,816^C	58,233^C
1995 to 1998				
First quarter 2008	3,703,753 ^A	3,628,576 ^A	31,807 ^E	43,370 ^D
Second quarter 2008	3,173,859 ^B	3,071,555 ^B	52,376 ^D	49,928 ^C
Third quarter 2008	3,118,716^A	3,022,007^B	45,807^E	50,902^C
Earlier than 1995				
First quarter 2008	3,538,000 ^A	3,361,751 ^A	102,217 ^B	74,032 ^B
Second quarter 2008	3,296,312 ^A	3,113,437 ^B	107,067 ^B	75,808 ^B
Third quarter 2008	3,169,141^A	2,964,424^B	119,787^B	84,931^B

Table 3-3
Estimates of number of vehicles in scope for Canada by type of vehicle and vehicle body type

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total, all vehicle body types				
Fourth quarter 2007	19,936,365 A	19,208,797 A	409,019 A	318,549 A
First quarter 2008	19,852,771 A	19,167,703 A	377,267 A	307,801 A
Second quarter 2008	20,027,173 A	19,283,943 A	416,309 A	326,921 A
Third quarter 2008	20,345,355 A	19,569,507 A	432,136 A	343,711 A
Car				
Fourth quarter 2007	10,234,130 A	10,232,623 A	...	...
First quarter 2008	10,134,148 A	10,132,930 A	...	...
Second quarter 2008	10,545,243 A	10,545,065 A	...	...
Third quarter 2008	10,424,840 A	10,424,775 A	...	...
Station wagon				
Fourth quarter 2007	374,289 D	374,289 D	...	...
First quarter 2008	425,497 D	425,497 D	...	...
Second quarter 2008	610,159 C	610,159 C	...	...
Third quarter 2008	785,636 C	785,636 C	...	...
Van				
Fourth quarter 2007	3,217,078 B	3,197,828 B	19,250 E	...
First quarter 2008	2,925,319 B	2,907,986 B	17,333 E	...
Second quarter 2008	2,625,568 B	2,602,409 B	23,159 E	...
Third quarter 2008	2,521,136 B	2,513,035 B	F	...
Sport utility vehicle				
Fourth quarter 2007	1,797,726 B	1,797,726 B	...	...
First quarter 2008	2,027,439 B	2,026,067 B	...	...
Second quarter 2008	2,306,659 B	2,306,659 B	...	...
Third quarter 2008	2,356,290 B	2,356,290 B	...	...
Pickup				
Fourth quarter 2007	3,658,843 A	3,563,815 A	95,028 C	F
First quarter 2008	3,673,191 A	3,603,639 A	69,503 C	F
Second quarter 2008	3,217,334 B	3,130,145 B	87,189 C	F
Third quarter 2008	3,505,896 B	3,438,611 B	66,484 C	F
Straight truck				
Fourth quarter 2007	416,502 B	F	271,865 B	119,545 B
First quarter 2008	421,758 B	F	259,188 A	105,888 B
Second quarter 2008	429,498 B	F	278,064 A	111,155 B
Third quarter 2008	498,162 B	F	327,999 A	127,954 B
Tractor trailer				
Fourth quarter 2007	221,177 B	...	F	198,683 B
First quarter 2008	224,199 B	...	15,634 E	198,112 A
Second quarter 2008	261,129 B	...	18,389 E	213,950 A
Third quarter 2008	244,374 B	...	20,866 E	214,557 A
Bus				
Fourth quarter 2007	F	...	F	...
First quarter 2008	F	...	F	...
Second quarter 2008	F	...	F	...
Third quarter 2008	F	...	F	...
Other vehicle type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	21,220 E	F	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F

Table 3-4
Estimates of number of vehicles in scope for Canada by type of vehicle and type of fuel

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	millions			
Total, all fuel types				
Fourth quarter 2007	19,936,365 ^A	19,208,797 ^A	409,019 ^A	318,549 ^A
First quarter 2008	19,852,771 ^A	19,167,703 ^A	377,267 ^A	307,801 ^A
Second quarter 2008	20,027,173 ^A	19,283,943 ^A	416,309 ^A	326,921 ^A
Third quarter 2008	20,345,355^A	19,569,507^A	432,136^A	343,711^A
Gasoline				
Fourth quarter 2007	18,575,055 ^A	18,462,775 ^A	109,434 ^C	F
First quarter 2008	18,706,024 ^A	18,584,471 ^A	109,175 ^B	12,378 ^E
Second quarter 2008	18,767,142 ^A	18,650,484 ^A	113,480 ^B	F
Third quarter 2008	19,039,890^A	18,921,936^A	111,706^C	F
Diesel				
Fourth quarter 2007	1,311,107 ^B	701,186 ^C	295,781 ^B	314,141 ^A
First quarter 2008	1,094,569 ^B	535,945 ^C	264,803 ^A	293,821 ^A
Second quarter 2008	1,173,616 ^B	553,790 ^C	297,364 ^A	322,462 ^A
Third quarter 2008	1,186,794^B	532,929^C	316,402^A	337,463^A
Other fuel type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	F	F	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	118,671^E	114,642^E	F	F

Table 4-1
Estimates of vehicle-kilometres for Canada by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total - Canada				
Fourth quarter 2007	80,515.5 ^A	72,329.9 ^A	1,919.6 ^B	6,266.0 ^B
First quarter 2008	72,796.7 ^A	65,303.7 ^A	1,950.3 ^B	5,542.8 ^B
Second quarter 2008	82,615.8 ^A	74,497.4 ^A	2,218.5 ^B	5,899.8 ^B
Third quarter 2008	88,361.6^A	80,140.1^A	2,194.9^B	6,026.6^B
Newfoundland and Labrador				
Fourth quarter 2007	1,130.0 ^C	1,060.4 ^C	F	50.2 ^E
First quarter 2008	869.2 ^C	818.2 ^C	F	40.8 ^C
Second quarter 2008	1,564.3 ^C	1,500.0 ^C	18.9 ^E	45.4 ^C
Third quarter 2008	1,329.7^C	1,237.0^C	21.1^E	71.7^E
Prince Edward Island				
Fourth quarter 2007	371.8 ^E	349.5 ^E	F	F
First quarter 2008	274.3 ^B	249.8 ^B	F	23.4 ^E
Second quarter 2008	251.4 ^C	231.1 ^C	F	17.4 ^E
Third quarter 2008	319.9^D	297.3^D	F	F
Nova Scotia				
Fourth quarter 2007	2,631.1 ^C	2,471.0 ^C	32.9 ^E	127.2 ^E
First quarter 2008	2,055.7 ^B	1,878.4 ^B	43.1 ^E	134.2 ^D
Second quarter 2008	2,706.8 ^B	2,569.8 ^B	34.7 ^D	102.3 ^C
Third quarter 2008	2,417.6^B	2,257.8^B	33.5^E	126.3^C
New Brunswick				
Fourth quarter 2007	1,732.5 ^C	1,669.7 ^D	48.2 ^E	F
First quarter 2008	1,500.7 ^C	1,470.6 ^C	18.1 ^E	F
Second quarter 2008	1,995.4 ^C	1,923.4 ^C	38.3 ^C	33.7 ^E
Third quarter 2008	2,119.3^B	2,042.1^B	31.5^E	45.8^E
Quebec				
Fourth quarter 2007	15,671.4 ^B	14,286.6 ^B	266.3 ^E	1,118.5 ^C
First quarter 2008	16,407.5 ^B	15,087.8 ^B	263.6 ^D	1,056.1 ^C
Second quarter 2008	17,445.9 ^A	16,120.5 ^A	312.8 ^C	1,012.6 ^C
Third quarter 2008	17,113.0^B	15,983.5^B	298.7^C	830.8^C
Ontario				
Fourth quarter 2007	32,077.2 ^B	28,951.3 ^B	564.5 ^D	2,561.3 ^C
First quarter 2008	27,541.7 ^A	24,994.2 ^A	392.7 ^C	2,154.9 ^C
Second quarter 2008	29,803.4 ^B	26,909.9 ^B	472.6 ^C	2,420.9 ^C
Third quarter 2008	36,408.5^B	33,425.4^B	513.6^C	2,469.5^B
Manitoba				
Fourth quarter 2007	3,051.5 ^C	2,599.2 ^C	45.2 ^E	407.1 ^E
First quarter 2008	2,559.2 ^B	2,172.3 ^B	39.1 ^E	347.8 ^D
Second quarter 2008	3,055.4 ^B	2,545.1 ^B	51.3 ^D	459.0 ^E
Third quarter 2008	2,919.5^C	2,445.6^C	56.0^E	417.9^C
Saskatchewan				
Fourth quarter 2007	2,761.0 ^C	2,320.0 ^C	97.3 ^E	343.6 ^D
First quarter 2008	2,483.2 ^C	2,122.2 ^C	95.6 ^E	265.4 ^E
Second quarter 2008	3,169.4 ^B	2,651.0 ^C	148.1 ^D	370.3 ^C
Third quarter 2008	3,925.3^B	3,558.9^B	121.4^E	244.9^D
Alberta				
Fourth quarter 2007	12,315.0 ^B	10,415.5 ^C	485.4 ^E	1,414.1 ^C
First quarter 2008	10,633.7 ^B	8,762.7 ^B	594.0 ^C	1,277.1 ^C
Second quarter 2008	12,717.1 ^B	10,769.3 ^B	644.2 ^C	1,303.5 ^D
Third quarter 2008	12,580.2^B	10,342.8^B	680.5^C	1,556.8^C
British Columbia				
Fourth quarter 2007	8,568.0 ^C	8,052.0 ^C	349.4 ^E	166.6 ^D
First quarter 2008	8,253.0 ^B	7,594.9 ^B	483.9 ^C	174.2 ^B
Second quarter 2008	9,650.3 ^B	9,086.4 ^B	481.3 ^E	82.6 ^D
Third quarter 2008	8,960.7^B	8,357.3^B	419.0^C	184.4^C
Yukon				
Fourth quarter 2007	112.2 ^C	78.4 ^D	4.4 ^E	29.4 ^E
First quarter 2008	125.5 ^E	92.4 ^E	6.6 ^D	26.5 ^D
Second quarter 2008	130.2 ^B	86.6 ^B	8.5 ^D	35.1 ^E
Third quarter 2008	137.4^C	92.3^C	10.7^E	F

Table 4-1 – continued

Estimates of vehicle-kilometres for Canada by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Northwest Territories				
Fourth quarter 2007	87.3 ^E	69.7 ^E	2.6 ^E	15.0 ^D
First quarter 2008	88.7 ^B	56.1 ^C	2.2 ^D	30.4 ^D
Second quarter 2008	117.1 ^E	95.3 ^E	4.7 ^E	17.0 ^E
Third quarter 2008	121.0^C	91.0^D	3.0^C	27.1^E
Nunavut				
Fourth quarter 2007	6.6 ^D	6.6 ^D	F	F
First quarter 2008	4.2 ^C	4.1 ^C	F	F
Second quarter 2008	9.1 ^E	9.1 ^E	F	F
Third quarter 2008	9.4^E	9.0^E	F	F

Table 4-2

Estimates of vehicle-kilometres for Canada by type of vehicle and vehicle model year

	Total, all vehicle	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total, all vehicle model years				
First quarter 2008	72,796.7 ^A	65,303.7 ^A	1,950.3 ^B	5,542.8 ^B
Second quarter 2008	82,615.8 ^A	74,497.4 ^A	2,218.5 ^B	5,899.8 ^B
Third quarter 2008	88,361.6^A	80,140.1^A	2,194.9^B	6,026.6^B
Later than 2005				
First quarter 2008	14,049.7 ^A	11,197.2 ^B	806.8 ^B	2,045.6 ^C
Second quarter 2008	18,833.5 ^B	16,139.7 ^B	801.6 ^B	1,892.3 ^C
Third quarter 2008	23,132.9^A	19,620.1^B	766.1^B	2,746.6^B
2003 to 2005				
First quarter 2008	20,062.4 ^A	17,695.6 ^A	552.5 ^B	1,814.2 ^C
Second quarter 2008	23,246.7 ^A	20,948.4 ^B	617.4 ^C	1,680.8 ^C
Third quarter 2008	20,877.2^B	18,985.4^B	559.0^C	1,332.8^C
1999 to 2002				
First quarter 2008	19,505.4 ^A	18,040.4 ^B	421.8 ^C	1,043.2 ^C
Second quarter 2008	21,516.4 ^B	19,806.3 ^B	443.3 ^C	1,266.8 ^C
Third quarter 2008	22,154.0^B	20,732.5^B	381.6^D	1,039.8^C
1995 to 1998				
First quarter 2008	11,201.8 ^B	10,640.0 ^B	F	470.6 ^E
Second quarter 2008	10,480.1 ^B	9,538.1 ^B	196.0 ^E	746.1 ^E
Third quarter 2008	12,512.0^B	11,656.7^B	315.2^E	540.1^E
Earlier than 1995				
First quarter 2008	7,977.5 ^B	7,730.4 ^B	F	F
Second quarter 2008	8,539.1 ^B	8,065.0 ^C	160.3 ^E	F
Third quarter 2008	9,685.6^B	9,145.3^B	173.0^E	F

Table 4-3
Estimates of vehicle-kilometres for Canada by type of vehicle and vehicle body type

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	millions			
Total, all vehicle body types				
Fourth quarter 2007	80,515.5 A	72,329.9 A	1,919.6 B	6,266.0 B
First quarter 2008	72,796.7 A	65,303.7 A	1,950.3 B	5,542.8 B
Second quarter 2008	82,615.8 A	74,497.4 A	2,218.5 B	5,899.8 B
Third quarter 2008	88,361.6 A	80,140.1 A	2,194.9 B	6,026.6 B
Car				
Fourth quarter 2007	34,065.9 B	34,058.0 B	...	...
First quarter 2008	33,964.9 A	33,964.9 A	...	...
Second quarter 2008	38,186.2 A	38,186.2 A	...	...
Third quarter 2008	39,888.1 A	39,887.8 A	...	...
Station wagon				
Fourth quarter 2007	1,187.2 E	1,187.2 E	...	...
First quarter 2008	1,717.3 E	1,717.3 E	...	...
Second quarter 2008	2,161.8 D	2,161.8 D	...	...
Third quarter 2008	3,178.3 D	3,178.3 D	...	...
Van				
Fourth quarter 2007	13,290.3 C	13,114.2 C	F	...
First quarter 2008	10,326.3 B	10,255.1 B	F	...
Second quarter 2008	11,885.0 B	11,785.0 B	F	...
Third quarter 2008	12,258.0 B	12,193.3 B	F	...
Sport utility vehicle				
Fourth quarter 2007	9,786.3 D	9,786.3 D	...	...
First quarter 2008	6,412.3 B	6,412.3 B	...	...
Second quarter 2008	10,482.6 B	10,482.6 B	...	...
Third quarter 2008	10,068.6 B	10,068.6 B	...	...
Pickup				
Fourth quarter 2007	14,334.6 B	13,934.2 B	400.4 E	F
First quarter 2008	13,199.3 B	12,763.5 B	435.4 D	F
Second quarter 2008	12,091.3 B	11,630.3 B	461.0 C	F
Third quarter 2008	15,056.8 B	14,639.3 B	408.1 D	F
Straight truck				
Fourth quarter 2007	2,410.3 B	F	1,283.3 C	973.8 D
First quarter 2008	2,396.3 B	F	1,309.8 E	913.3 D
Second quarter 2008	2,593.3 B	F	1,535.2 B	893.3 D
Third quarter 2008	2,517.8 C	F	1,563.8 E	811.0 E
Tractor trailer				
Fourth quarter 2007	5,431.6 B	...	F	5,291.5 B
First quarter 2008	4,750.6 B	...	121.7 E	4,628.9 B
Second quarter 2008	5,209.6 B	...	116.4 E	5,006.4 B
Third quarter 2008	5,391.3 B	...	155.4 E	5,206.3 B
Bus				
Fourth quarter 2007	F	...	F	...
First quarter 2008	F	...	F	...
Second quarter 2008	F	...	F	...
Third quarter 2008	F	...	F	...
Other vehicle type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	F	F	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F

Table 4-4
Estimates of vehicle-kilometres for Canada by type of vehicle and type of fuel

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	millions			
Total, all fuel types				
Fourth quarter 2007	80,515.5 ^A	72,329.9 ^A	1,919.6 ^B	6,266.0 ^B
First quarter 2008	72,796.7 ^A	65,303.7 ^A	1,950.3 ^B	5,542.8 ^B
Second quarter 2008	82,615.8 ^A	74,497.4 ^A	2,218.5 ^B	5,899.8 ^B
Third quarter 2008	88,361.6^A	80,140.1^A	2,194.9^B	6,026.6^B
Gasoline				
Fourth quarter 2007	69,783.6 ^A	69,359.2 ^A	362.4 ^E	F
First quarter 2008	63,416.0 ^A	63,174.2 ^A	229.5 ^E	F
Second quarter 2008	72,252.1 ^A	71,855.0 ^A	378.1 ^D	18.9 ^E
Third quarter 2008	77,584.5^A	77,354.9^A	218.6^E	F
Diesel				
Fourth quarter 2007	10,501.9 ^B	2,755.1 ^E	1,546.7 ^C	6,200.2 ^B
First quarter 2008	9,265.1 ^A	2,014.8 ^C	1,719.7 ^B	5,530.5 ^B
Second quarter 2008	9,922.8 ^B	2,223.5 ^D	1,830.7 ^B	5,868.6 ^B
Third quarter 2008	10,395.5^A	2,409.8^C	1,970.1^B	6,015.6^B
Other fuel type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	F	F	F	F
Second quarter 2008	440.9 ^E	419.0 ^E	F	F
Third quarter 2008	F	F	F	F

Table 5-1
Estimates of passenger-kilometres for provinces only by type of vehicle and jurisdiction

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	millions			
Total				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 B	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
Newfoundland and Labrador				
Fourth quarter 2007	1,777.8 C	1,703.6 C	F	50.2 E
First quarter 2008	1,339.5 D	1,272.9 E	15.6 D	51.0 C
Second quarter 2008	3,072.9 D	3,000.5 D	F	50.3 E
Third quarter 2008	2,565.0 D	2,470.7 D	21.8 E	72.4 E
Prince Edward Island				
Fourth quarter 2007	575.7 E	544.7 E	F	F
First quarter 2008	384.4 B	357.5 C	F	25.3 E
Second quarter 2008	363.5 C	341.5 C	F	19.0 D
Third quarter 2008	490.1 D	464.3 D	F	F
Nova Scotia				
Fourth quarter 2007	4,587.7 C	4,418.5 C	42.0 E	127.3 E
First quarter 2008	3,295.9 C	3,051.2 C	64.3 E	180.4 D
Second quarter 2008	4,513.0 C	4,342.2 C	42.2 C	128.6 E
Third quarter 2008	4,114.3 C	3,936.4 C	43.1 E	134.7 C
New Brunswick				
Fourth quarter 2007	2,601.3 C	2,528.5 C	57.8 E	F
First quarter 2008	2,372.6 C	2,328.0 C	29.8 E	F
Second quarter 2008	3,151.6 D	3,064.1 D	47.4 D	F
Third quarter 2008	3,662.7 D	3,573.2 D	F	F
Quebec				
Fourth quarter 2007	25,350.1 B	23,685.3 B	364.1 E	1,300.6 D
First quarter 2008	26,402.6 B	24,872.4 B	376.2 C	1,153.9 C
Second quarter 2008	28,270.3 B	26,852.7 B	367.9 C	1,049.7 C
Third quarter 2008	27,563.4 C	26,343.9 C	374.6 C	844.9 C
Ontario				
Fourth quarter 2007	46,819.3 B	43,519.7 B	736.4 D	2,563.3 E
First quarter 2008	43,053.9 C	40,326.0 C	525.3 C	2,202.6 C
Second quarter 2008	46,130.3 B	42,573.6 B	609.1 C	2,947.6 C
Third quarter 2008	56,860.6 B	53,635.6 B	615.3 C	2,609.7 C
Manitoba				
Fourth quarter 2007	4,644.7 C	4,165.0 C	49.7 E	430.0 E
First quarter 2008	3,698.3 B	3,288.7 C	55.2 E	354.4 D
Second quarter 2008	4,709.0 C	4,160.5 C	80.8 E	467.7 E
Third quarter 2008	4,738.6 C	4,131.5 C	83.7 E	523.5 D
Saskatchewan				
Fourth quarter 2007	4,126.8 C	3,481.1 C	141.0 E	504.7 E
First quarter 2008	3,813.5 C	3,342.6 D	F	331.4 E
Second quarter 2008	5,112.1 D	4,548.2 D	177.7 E	386.1 C
Third quarter 2008	6,453.7 C	6,017.1 D	F	266.8 E
Alberta				
Fourth quarter 2007	17,467.5 B	15,307.6 B	647.5 D	1,512.4 E
First quarter 2008	16,378.8 B	14,245.3 C	817.8 D	1,315.8 C
Second quarter 2008	19,489.7 D	17,334.8 D	836.6 E	1,318.3 E
Third quarter 2008	19,014.8 B	16,274.3 B	905.4 D	1,835.2 D
British Columbia				
Fourth quarter 2007	13,751.6 C	13,097.3 C	484.9 E	F
First quarter 2008	11,731.7 B	10,920.3 C	628.4 E	183.1 C
Second quarter 2008	16,020.2 B	15,082.6 C	853.2 D	84.4 D
Third quarter 2008	14,452.8 B	13,734.8 B	529.7 C	188.3 B

Table 5-2
Estimates of passenger-kilometres for provinces only by type of vehicle and vehicle model year

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
	millions			
Total, all vehicle model years				
First quarter 2008	112,471.3 ^A	104,004.9 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Later than 2005				
First quarter 2008	19,885.5 ^B	16,714.0 ^B	1,109.2 ^B	2,062.2 ^B
Second quarter 2008	29,469.0 ^B	26,221.8 ^B	1,170.4 ^E	2,076.7 ^C
Third quarter 2008	35,805.5^B	31,777.4^B	992.2^C	3,035.8^B
2003 to 2005				
First quarter 2008	30,309.9 ^B	27,601.7 ^B	784.4 ^E	1,923.8 ^C
Second quarter 2008	36,543.5 ^B	33,838.5 ^B	847.5 ^C	1,857.5 ^C
Third quarter 2008	33,990.1^B	31,828.3^B	758.7^C	1,403.1^C
1999 to 2002				
First quarter 2008	32,293.4 ^B	30,623.6 ^B	541.8 ^C	1,128.0 ^C
Second quarter 2008	34,360.2 ^B	32,381.5 ^B	536.9 ^C	1,441.7 ^D
Third quarter 2008	34,908.3^B	33,381.5^B	472.6^C	1,054.3^C
1995 to 1998				
First quarter 2008	17,393.1 ^B	16,750.5 ^B	127.1 ^E	515.5 ^E
Second quarter 2008	17,070.8 ^B	16,024.0 ^B	265.2 ^E	781.7 ^E
Third quarter 2008	20,047.2^B	18,998.3^B	376.7^E	672.2^E
Earlier than 1995				
First quarter 2008	12,589.5 ^C	12,315.2 ^C	F	F
Second quarter 2008	13,389.1 ^C	12,834.8 ^C	F	F
Third quarter 2008	15,164.8^B	14,596.3^B	F	F

Table 5-3
Estimates of passenger-kilometres for provinces only by type of vehicle and vehicle body type

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total, all vehicle body types				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 B	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
Car				
Fourth quarter 2007	51,317.3 B	51,309.5 B	...	...
First quarter 2008	53,630.2 A	53,630.2 A	...	...
Second quarter 2008	61,737.5 B	61,737.5 B	...	...
Third quarter 2008	64,934.9 B	64,934.9 B	...	...
Station wagon				
Fourth quarter 2007	1,842.3 E	1,842.3 E	...	...
First quarter 2008	2,524.1 E	2,524.1 E	...	...
Second quarter 2008	3,001.1 D	3,001.1 D	...	...
Third quarter 2008	4,305.7 D	4,305.7 D	...	...
Van				
Fourth quarter 2007	24,611.8 C	24,395.2 C	F	...
First quarter 2008	18,274.5 B	18,183.2 B	F	...
Second quarter 2008	22,816.9 B	22,670.6 B	146.3 E	...
Third quarter 2008	23,026.7 B	22,949.6 B	F	...
Sport utility vehicle				
Fourth quarter 2007	14,644.1 D	14,644.1 D	...	...
First quarter 2008	10,108.4 C	10,108.4 C	...	...
Second quarter 2008	17,044.9 B	17,044.9 B	...	...
Third quarter 2008	15,402.8 B	15,402.8 B	...	...
Pickup				
Fourth quarter 2007	20,381.8 B	19,775.9 B	605.9 E	F
First quarter 2008	19,897.7 B	19,288.3 B	609.3 D	F
Second quarter 2008	17,169.2 B	16,420.3 B	748.9 D	F
Third quarter 2008	23,392.3 B	22,797.4 B	588.8 D	F
Straight truck				
Fourth quarter 2007	3,025.4 C	F	1,656.7 C	981.3 E
First quarter 2008	2,957.3 E	F	1,761.7 E	957.9 D
Second quarter 2008	3,206.1 C	F	1,971.2 E	950.3 E
Third quarter 2008	2,983.8 C	F	1,942.6 E	892.7 E
Tractor trailer				
Fourth quarter 2007	5,864.4 B	...	F	5,717.2 B
First quarter 2008	5,030.8 B	...	176.1 E	4,854.8 B
Second quarter 2008	5,848.2 B	...	165.1 E	5,541.4 B
Third quarter 2008	5,866.0 B	...	181.2 E	5,641.9 B
Bus				
Fourth quarter 2007	F	...	F	...
First quarter 2008	F	...	F	...
Second quarter 2008	F	...	F	...
Third quarter 2008	F	...	F	...
Other vehicle type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	F	F	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F

Table 5-4
Estimates of passenger-kilometres for provinces only by type of vehicle and type of fuel

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions				
Total, all fuel types				
Fourth quarter 2007	121,702.4 ^A	112,451.3 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	112,471.3 ^A	104,004.9 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Gasoline				
Fourth quarter 2007	109,103.1 ^A	108,544.4 ^A	496.9 ^E	F
First quarter 2008	100,691.4 ^A	100,398.2 ^A	273.5 ^E	F
Second quarter 2008	117,961.9 ^A	117,420.9 ^A	504.0 ^D	37.0 ^E
Third quarter 2008	126,592.8^A	126,299.3^A	282.7^E	F
Diesel				
Fourth quarter 2007	12,347.0 ^B	3,674.7 ^D	2,038.9 ^C	6,633.3 ^B
First quarter 2008	11,592.2 ^A	3,420.4 ^C	2,378.8 ^B	5,793.0 ^B
Second quarter 2008	12,301.5 ^B	3,336.8 ^D	2,524.4 ^B	6,440.3 ^B
Third quarter 2008	12,756.1^B	3,723.4^C	2,502.8^B	6,529.9^B
Other fuel type				
Fourth quarter 2007	F	F	F	F
First quarter 2008	F	F	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F

Table 5-5
Estimates of passenger-kilometres for provinces only by passenger age group for vehicles up to 4.5 tonnes

	Third quarter 2008	Second quarter 2008	First quarter 2008	Fourth quarter 2007
millions				
Total, all ages	130,581.8^A	121,300.6^A	104,004.9^A	112,451.3^A
Under 5 years	3,280.3 ^D	2,349.9 ^E	1,880.5 ^E	1,384.1 ^E
5 to 14 years	7,855.9 ^C	5,544.6 ^D	6,984.1 ^C	7,171.2 ^C
15 to 19 years	3,763.2 ^E	3,049.4 ^D	4,512.7 ^E	4,660.2 ^D
20 to 24 years	4,186.0 ^E	5,081.3 ^D	4,644.5 ^D	3,820.6 ^E
25 to 34 years	10,989.8 ^C	11,301.8 ^B	12,753.4 ^B	8,541.7 ^C
35 to 54 years	53,474.8 ^B	48,963.0 ^B	38,706.2 ^B	46,116.3 ^B
55 to 64 years	22,677.0 ^B	23,313.0 ^B	21,657.4 ^B	24,199.4 ^B
65 to 74 years	18,321.5 ^B	17,241.1 ^B	8,784.4 ^B	11,175.7 ^C
75 to 84 years	5,215.6 ^C	3,249.9 ^E	3,744.6 ^D	4,975.7 ^D
85 years and over	817.6 ^E	F	F	F

Table 6-1
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and driver age group

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all age groups				
Fourth quarter 2007	80,309.4 A	72,175.2 A	1,912.6 B	6,221.6 B
First quarter 2008	72,578.3 A	65,151.1 A	1,941.3 B	5,485.9 B
Second quarter 2008	82,359.5 A	74,306.5 A	2,205.3 B	5,847.7 B
Third quarter 2008	88,093.7 A	79,947.8 A	2,180.9 B	5,965.1 B
Under 20 years				
Fourth quarter 2007	F	F	F	F
First quarter 2008	1,490.1 E	1,489.2 E	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F
20 to 24 years				
Fourth quarter 2007	2,224.3 E	2,085.0 E	F	122.8 E
First quarter 2008	3,389.0 D	2,888.2 D	F	428.9 E
Second quarter 2008	2,255.4 E	2,170.3 E	F	F
Third quarter 2008	1,935.1 E	1,789.2 E	119.7 E	F
25 to 34 years				
Fourth quarter 2007	6,801.4 C	5,809.8 D	236.9 E	754.7 E
First quarter 2008	8,216.1 B	7,212.5 B	223.3 E	780.4 D
Second quarter 2008	7,841.3 B	6,674.3 C	319.0 E	847.9 C
Third quarter 2008	8,834.1 B	7,508.5 C	341.2 E	984.4 C
35 to 44 years				
Fourth quarter 2007	17,734.4 C	15,151.7 C	608.0 C	1,974.7 C
First quarter 2008	14,040.2 B	11,503.3 B	579.8 E	1,957.0 C
Second quarter 2008	17,163.8 B	14,727.5 B	534.4 E	1,901.9 B
Third quarter 2008	14,549.2 B	12,438.7 B	624.6 C	1,485.9 C
45 to 54 years				
Fourth quarter 2007	22,685.3 B	19,316.9 C	746.2 C	2,622.1 E
First quarter 2008	19,384.0 B	17,114.1 B	863.4 B	1,406.4 C
Second quarter 2008	23,672.2 B	21,001.1 B	874.8 B	1,796.2 C
Third quarter 2008	29,427.8 B	26,544.3 B	840.8 B	2,042.7 B
55 to 64 years				
Fourth quarter 2007	19,532.7 C	18,584.0 C	206.2 E	742.5 D
First quarter 2008	17,549.9 B	16,512.5 B	174.8 C	862.5 C
Second quarter 2008	16,994.1 B	15,493.7 B	378.0 C	1,122.4 C
Third quarter 2008	18,003.4 B	16,515.0 B	229.9 E	1,258.5 D
65 years and over				
Fourth quarter 2007	10,318.9 C	10,218.0 C	96.1 E	F
First quarter 2008	8,509.0 B	8,431.3 B	F	F
Second quarter 2008	13,960.0 B	13,766.8 B	64.5 E	F
Third quarter 2008	14,829.1 B	14,640.7 B	F	F

Table 6-1 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and driver age group

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
Total, all age groups				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 B	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
Under 20 years				
Fourth quarter 2007	F	F	F	F
First quarter 2008	2,133.8 E	2,132.8 E	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F
20 to 24 years				
Fourth quarter 2007	3,493.3 E	3,336.3 E	F	131.9 E
First quarter 2008	5,230.8 D	4,706.8 E	F	428.9 E
Second quarter 2008	3,459.6 E	3,368.6 E	F	F
Third quarter 2008	F	F	183.9 E	F
25 to 34 years				
Fourth quarter 2007	10,179.4 C	8,909.1 D	357.1 E	913.3 E
First quarter 2008	12,391.0 C	11,218.4 C	296.7 E	876.0 C
Second quarter 2008	12,564.3 C	11,068.0 C	385.0 E	1,111.3 C
Third quarter 2008	14,475.0 C	13,032.5 C	378.9 D	1,063.6 C
35 to 44 years				
Fourth quarter 2007	27,123.0 C	24,292.8 C	815.4 D	2,014.8 C
First quarter 2008	22,026.5 B	19,242.0 C	755.0 C	2,029.5 C
Second quarter 2008	28,149.5 B	25,301.5 B	658.6 E	2,189.4 C
Third quarter 2008	22,985.1 B	20,475.6 C	769.8 C	1,739.7 C
45 to 54 years				
Fourth quarter 2007	33,198.6 B	29,369.3 C	954.5 C	2,874.8 E
First quarter 2008	31,441.2 B	28,786.3 B	1,176.8 B	1,478.1 C
Second quarter 2008	36,756.2 B	33,531.7 B	1,364.4 B	1,860.0 C
Third quarter 2008	45,899.0 B	42,504.7 B	1,148.8 B	2,245.5 B
55 to 64 years				
Fourth quarter 2007	28,585.1 C	27,556.7 C	268.9 E	759.5 D
First quarter 2008	26,033.7 B	24,790.4 B	294.9 D	948.4 C
Second quarter 2008	25,604.6 B	23,966.6 B	486.2 D	1,151.9 C
Third quarter 2008	26,518.4 B	24,946.8 B	274.6 E	1,297.0 D
65 years and over				
Fourth quarter 2007	17,507.8 C	17,374.6 C	128.4 E	F
First quarter 2008	13,214.4 C	13,128.3 C	F	F
Second quarter 2008	23,577.4 B	23,343.3 B	F	F
Third quarter 2008	26,448.0 B	26,246.3 B	F	F

Table 6-2
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and sex of driver

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Both sexes				
Fourth quarter 2007	80,309.4 ^A	72,175.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	72,578.3 ^A	65,151.1 ^A	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	82,359.5 ^A	74,306.5 ^A	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	88,093.7^A	79,947.8^A	2,180.9^B	5,965.1^B
Males				
Fourth quarter 2007	57,488.0 ^B	49,692.4 ^B	1,799.0 ^B	5,996.6 ^B
First quarter 2008	51,396.7 ^A	44,389.5 ^A	1,900.4 ^B	5,106.9 ^B
Second quarter 2008	57,536.2 ^A	49,623.7 ^A	2,078.8 ^B	5,833.7 ^B
Third quarter 2008	62,754.5^A	55,043.2^A	2,109.6^B	5,601.8^B
Females				
Fourth quarter 2007	22,821.4 ^B	22,482.8 ^B	113.6 ^E	F
First quarter 2008	21,181.6 ^B	20,761.6 ^B	F	379.0 ^D
Second quarter 2008	24,823.3 ^B	24,682.8 ^B	126.4 ^E	F
Third quarter 2008	25,339.2^B	24,904.6^B	F	363.3^D
millions of passenger-kilometres				
Both sexes				
Fourth quarter 2007	121,702.4 ^A	112,451.3 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	112,471.3 ^A	104,004.9 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Males				
Fourth quarter 2007	88,406.1 ^B	79,580.2 ^B	2,433.9 ^B	6,392.0 ^B
First quarter 2008	81,733.5 ^A	73,695.2 ^A	2,604.5 ^B	5,433.8 ^B
Second quarter 2008	92,692.3 ^A	83,476.4 ^A	2,738.1 ^B	6,477.8 ^B
Third quarter 2008	99,199.4^A	90,360.9^A	2,700.3^B	6,138.2^B
Females				
Fourth quarter 2007	33,296.2 ^B	32,871.1 ^B	F	F
First quarter 2008	30,737.8 ^B	30,309.7 ^B	F	379.0 ^E
Second quarter 2008	38,140.2 ^B	37,824.2 ^B	302.0 ^E	F
Third quarter 2008	40,716.5^B	40,221.0^B	F	402.6^E

Table 6-3
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by driver age group and sex of driver

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all age groups				
Both sexes				
Fourth quarter 2007	80,309.4 ^A	72,175.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	72,578.3 ^A	65,151.1 ^A	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	82,359.5 ^A	74,306.5 ^A	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	88,093.7^A	79,947.8^A	2,180.9^B	5,965.1^B
Males				
Fourth quarter 2007	57,488.0 ^B	49,692.4 ^B	1,799.0 ^B	5,996.6 ^B
First quarter 2008	51,396.7 ^A	44,389.5 ^A	1,900.4 ^B	5,106.9 ^B
Second quarter 2008	57,536.2 ^A	49,623.7 ^A	2,078.8 ^B	5,833.7 ^B
Third quarter 2008	62,754.5^A	55,043.2^A	2,109.6^B	5,601.8^B
Females				
Fourth quarter 2007	22,821.4 ^B	22,482.8 ^B	113.6 ^E	F
First quarter 2008	21,181.6 ^B	20,761.6 ^B	F	379.0 ^D
Second quarter 2008	24,823.3 ^B	24,682.8 ^B	126.4 ^E	F
Third quarter 2008	25,339.2^B	24,904.6^B	F	363.3^D
Under 25 years				
Both sexes				
Fourth quarter 2007	3,236.7 ^E	3,094.8 ^E	F	122.8 ^E
First quarter 2008	4,879.2 ^C	4,377.4 ^C	F	428.9 ^E
Second quarter 2008	2,728.1 ^E	2,643.1 ^E	F	F
Third quarter 2008	2,450.1^E	F	123.4^E	F
Males				
Fourth quarter 2007	1,853.3 ^E	1,711.3 ^E	F	122.8 ^E
First quarter 2008	3,471.8 ^C	2,971.8 ^D	F	428.9 ^E
Second quarter 2008	1,650.6 ^E	1,571.1 ^E	F	F
Third quarter 2008	F	F	82.1^E	F
Females				
Fourth quarter 2007	F	F	F	F
First quarter 2008	1,407.3 ^D	1,405.6 ^D	F	F
Second quarter 2008	1,077.5 ^E	1,071.9 ^E	F	F
Third quarter 2008	F	F	F	F
25 to 54 years				
Both sexes				
Fourth quarter 2007	47,221.0 ^B	40,278.4 ^B	1,591.2 ^B	5,351.5 ^B
First quarter 2008	41,640.3 ^A	35,829.9 ^A	1,666.5 ^B	4,143.9 ^B
Second quarter 2008	48,677.3 ^A	42,402.9 ^B	1,728.3 ^B	4,546.1 ^B
Third quarter 2008	52,811.2^A	46,491.6^A	1,806.6^B	4,513.0^B
Males				
Fourth quarter 2007	32,511.2 ^B	25,893.7 ^B	1,491.0 ^B	5,126.5 ^B
First quarter 2008	29,302.8 ^A	23,909.5 ^B	1,628.5 ^B	3,764.8 ^B
Second quarter 2008	32,472.1 ^A	26,329.0 ^B	1,611.1 ^C	4,532.1 ^B
Third quarter 2008	37,142.0^A	31,215.2^A	1,777.1^B	4,149.7^B
Females				
Fourth quarter 2007	14,709.9 ^C	14,384.7 ^C	F	F
First quarter 2008	12,337.4 ^B	11,920.4 ^B	F	379.0 ^D
Second quarter 2008	16,205.2 ^B	16,073.9 ^B	117.2 ^E	F
Third quarter 2008	15,669.2^B	15,276.4^B	F	363.3^D

Table 6-3 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by driver age group and sex of driver

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
55 years and over				
Both sexes				
Fourth quarter 2007	29,851.6 ^B	28,802.0 ^B	302.3 ^E	747.3 ^D
First quarter 2008	26,058.8 ^A	24,943.8 ^A	202.0 ^C	913.1 ^C
Second quarter 2008	30,954.1 ^B	29,260.5 ^B	442.5 ^C	1,251.1 ^C
Third quarter 2008	32,832.5^A	31,155.7^B	250.9^E	1,425.9^D
Males				
Fourth quarter 2007	23,123.6 ^B	22,087.4 ^B	288.9 ^E	747.3 ^D
First quarter 2008	18,622.0 ^A	17,508.1 ^B	200.8 ^C	913.1 ^C
Second quarter 2008	23,413.5 ^B	21,723.6 ^B	438.8 ^C	1,251.1 ^C
Third quarter 2008	24,368.5^B	22,692.2^B	250.4^E	1,425.9^D
Females				
Fourth quarter 2007	6,728.0 ^D	6,714.6 ^D	F	F
First quarter 2008	7,436.8 ^C	7,435.6 ^C	F	F
Second quarter 2008	7,540.6 ^C	7,536.9 ^C	F	F
Third quarter 2008	8,464.0^C	8,463.5^C	F	F

Table 6-3 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by driver age group and sex of driver

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
Total, all age groups				
Both sexes				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 B	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
Males				
Fourth quarter 2007	88,406.1 B	79,580.2 B	2,433.9 B	6,392.0 B
First quarter 2008	81,733.5 A	73,695.2 A	2,604.5 B	5,433.8 B
Second quarter 2008	92,692.3 A	83,476.4 A	2,738.1 B	6,477.8 B
Third quarter 2008	99,199.4 A	90,360.9 A	2,700.3 B	6,138.2 B
Females				
Fourth quarter 2007	33,296.2 B	32,871.1 B	F	F
First quarter 2008	30,737.8 B	30,309.7 B	F	379.0 E
Second quarter 2008	38,140.2 B	37,824.2 B	302.0 E	F
Third quarter 2008	40,716.5 B	40,221.0 B	F	402.6 E
Under 25 years				
Both sexes				
Fourth quarter 2007	5,108.5 E	4,948.9 E	F	131.9 E
First quarter 2008	7,364.5 D	6,839.6 D	F	428.9 E
Second quarter 2008	4,180.5 E	4,089.5 E	F	F
Third quarter 2008	F	F	188.2 E	F
Males				
Fourth quarter 2007	2,835.0 E	2,675.4 E	F	131.9 E
First quarter 2008	5,406.3 D	4,883.1 D	F	428.9 E
Second quarter 2008	2,673.9 E	2,588.5 E	F	F
Third quarter 2008	F	F	146.9 E	F
Females				
Fourth quarter 2007	2,273.5 E	2,273.5 E	F	F
First quarter 2008	1,958.2 E	1,956.4 E	F	F
Second quarter 2008	F	F	F	F
Third quarter 2008	F	F	F	F
25 to 54 years				
Both sexes				
Fourth quarter 2007	70,501.0 B	62,571.1 B	2,127.0 B	5,802.9 B
First quarter 2008	65,858.7 B	59,246.7 B	2,228.5 B	4,383.6 B
Second quarter 2008	77,470.0 B	69,901.2 B	2,408.0 B	5,160.8 B
Third quarter 2008	83,359.1 B	76,012.8 B	2,297.5 B	5,048.8 B
Males				
Fourth quarter 2007	49,336.6 B	41,818.4 B	2,022.4 B	5,495.8 B
First quarter 2008	47,119.6 B	40,932.3 B	2,182.8 B	4,004.6 B
Second quarter 2008	52,331.4 A	45,069.2 B	2,115.5 C	5,146.7 B
Third quarter 2008	57,047.3 B	50,154.3 B	2,246.7 B	4,646.3 B
Females				
Fourth quarter 2007	21,164.4 C	20,752.7 C	F	F
First quarter 2008	18,739.1 C	18,314.4 C	F	379.0 E
Second quarter 2008	25,138.6 C	24,832.0 C	292.5 E	F
Third quarter 2008	26,311.8 C	25,858.4 C	F	402.6 E

Table 6-3 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by driver age group and sex of driver

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
55 years and over				
Both sexes				
Fourth quarter 2007	46,092.8 ^B	44,931.2 ^B	397.3 ^E	764.3 ^D
First quarter 2008	39,248.1 ^B	37,918.7 ^B	329.1 ^D	1,000.3 ^C
Second quarter 2008	49,182.1 ^B	47,309.9 ^B	591.6 ^D	1,280.5 ^C
Third quarter 2008	52,966.4^B	51,193.0^B	307.6^E	1,465.7^D
Males				
Fourth quarter 2007	36,234.5 ^B	35,086.3 ^B	383.9 ^E	764.3 ^D
First quarter 2008	29,207.5 ^B	27,879.8 ^B	327.4 ^D	1,000.3 ^C
Second quarter 2008	37,687.0 ^B	35,818.7 ^B	587.8 ^D	1,280.5 ^C
Third quarter 2008	40,272.7^B	38,500.2^B	306.7^E	1,465.7^D
Females				
Fourth quarter 2007	9,858.4 ^D	9,844.9 ^D	F	F
First quarter 2008	10,040.6 ^C	10,038.9 ^C	F	F
Second quarter 2008	11,495.1 ^C	11,491.2 ^C	F	F
Third quarter 2008	12,693.7^C	12,692.8^C	F	F

Table 6-4

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and day of the week

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all days of the week				
Fourth quarter 2007	80,309.4 ^A	72,175.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	72,578.3 ^A	65,151.1 ^A	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	82,359.5 ^A	74,306.5 ^A	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	88,093.7^A	79,947.8^A	2,180.9^B	5,965.1^B
Sunday				
Fourth quarter 2007	8,761.8 ^C	8,371.1 ^C	F	337.7 ^D
First quarter 2008	7,705.8 ^B	7,184.3 ^B	F	456.1 ^C
Second quarter 2008	9,490.5 ^B	8,954.6 ^B	143.6 ^E	392.3 ^D
Third quarter 2008	10,483.0^B	10,122.1^B	F	281.1^E
Monday				
Fourth quarter 2007	13,417.3 ^C	11,988.4 ^C	394.0 ^D	1,034.9 ^B
First quarter 2008	10,651.3 ^A	9,467.3 ^B	308.5 ^C	875.5 ^C
Second quarter 2008	10,793.6 ^B	9,380.2 ^B	394.4 ^C	1,019.0 ^B
Third quarter 2008	14,030.8^A	12,670.1^A	355.8^B	1,005.0^B
Tuesday				
Fourth quarter 2007	11,433.8 ^B	9,765.5 ^B	393.7 ^C	1,274.6 ^B
First quarter 2008	11,440.7 ^A	9,950.4 ^A	355.0 ^B	1,135.4 ^B
Second quarter 2008	12,039.1 ^B	10,622.3 ^B	387.5 ^C	1,029.3 ^B
Third quarter 2008	14,631.8^B	12,714.3^B	541.1^B	1,376.4^B
Wednesday				
Fourth quarter 2007	11,667.9 ^B	10,217.0 ^B	293.2 ^D	1,157.7 ^B
First quarter 2008	11,414.2 ^A	10,010.7 ^A	390.9 ^B	1,012.5 ^B
Second quarter 2008	12,544.9 ^A	10,976.5 ^A	472.2 ^B	1,096.3 ^B
Third quarter 2008	12,986.0^A	11,474.7^B	366.0^B	1,145.3^B
Thursday				
Fourth quarter 2007	13,175.8 ^B	11,780.9 ^B	298.4 ^D	1,096.5 ^B
First quarter 2008	11,480.0 ^A	10,208.5 ^A	375.3 ^E	896.2 ^B
Second quarter 2008	11,677.1 ^A	10,244.3 ^B	324.5 ^B	1,108.3 ^B
Third quarter 2008	13,418.7^A	11,979.2^A	437.9^B	1,001.7^B
Friday				
Fourth quarter 2007	12,860.1 ^B	11,527.5 ^B	382.5 ^C	950.1 ^B
First quarter 2008	11,375.9 ^A	10,305.4 ^A	312.8 ^B	757.7 ^B
Second quarter 2008	14,859.3 ^A	13,657.7 ^A	325.1 ^B	876.5 ^B
Third quarter 2008	13,000.2^A	11,862.2^A	299.5^B	838.5^B
Saturday				
Fourth quarter 2007	8,981.2 ^B	8,515.4 ^C	F	368.2 ^D
First quarter 2008	8,510.3 ^A	8,024.6 ^A	133.3 ^D	352.4 ^D
Second quarter 2008	10,954.9 ^A	10,470.9 ^B	157.9 ^D	326.2 ^E
Third quarter 2008	9,543.1^B	9,125.2^B	100.7^E	317.1^E

Table 6-4 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and day of the week

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
Total, all days of the week				
Fourth quarter 2007	121,702.4 ^A	112,451.3 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	112,471.3 ^A	104,004.9 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Sunday				
Fourth quarter 2007	16,726.9 ^B	16,289.3 ^C	F	364.1 ^E
First quarter 2008	14,941.3 ^B	14,391.5 ^B	F	470.3 ^C
Second quarter 2008	17,926.3 ^B	17,298.3 ^B	208.3 ^E	419.7 ^E
Third quarter 2008	18,994.2^B	18,527.2^B	F	346.5^E
Monday				
Fourth quarter 2007	19,262.3 ^C	17,570.5 ^C	537.0 ^D	1,154.8 ^C
First quarter 2008	14,237.1 ^B	12,883.7 ^B	428.6 ^C	924.8 ^C
Second quarter 2008	16,540.0 ^B	14,859.2 ^B	489.6 ^C	1,191.2 ^B
Third quarter 2008	20,729.0^B	19,232.9^B	427.6^C	1,068.5^C
Tuesday				
Fourth quarter 2007	15,971.9 ^B	14,019.4 ^B	504.4 ^C	1,448.1 ^C
First quarter 2008	15,859.8 ^B	14,152.0 ^B	461.9 ^C	1,245.9 ^B
Second quarter 2008	17,190.0 ^B	15,523.0 ^B	517.2 ^C	1,149.8 ^C
Third quarter 2008	21,733.2^B	19,567.4^B	703.9^C	1,461.9^B
Wednesday				
Fourth quarter 2007	16,035.3 ^B	14,434.2 ^B	398.1 ^D	1,202.9 ^B
First quarter 2008	15,801.9 ^B	14,179.1 ^B	554.7 ^E	1,068.1 ^B
Second quarter 2008	17,801.5 ^B	15,904.9 ^B	677.8 ^B	1,218.9 ^B
Third quarter 2008	19,250.7^B	17,543.0^B	458.6^B	1,249.1^B
Thursday				
Fourth quarter 2007	18,592.0 ^B	17,046.0 ^B	392.9 ^D	1,153.1 ^B
First quarter 2008	17,288.7 ^B	15,884.1 ^B	468.1 ^E	936.5 ^B
Second quarter 2008	17,181.2 ^B	15,567.5 ^B	426.0 ^C	1,187.7 ^B
Third quarter 2008	20,081.2^B	18,421.0^B	569.0^B	1,091.1^B
Friday				
Fourth quarter 2007	19,571.6 ^B	18,059.3 ^B	515.5 ^C	996.8 ^B
First quarter 2008	18,743.9 ^B	17,480.8 ^B	463.3 ^C	799.8 ^B
Second quarter 2008	23,964.8 ^A	22,464.7 ^A	531.6 ^B	968.5 ^C
Third quarter 2008	21,221.2^B	19,912.8^B	388.0^C	920.5^B
Saturday				
Fourth quarter 2007	15,542.4 ^B	15,032.6 ^B	F	379.3 ^E
First quarter 2008	15,598.6 ^B	15,033.7 ^B	197.5 ^D	367.4 ^D
Second quarter 2008	20,228.7 ^B	19,683.1 ^B	189.6 ^E	356.1 ^E
Third quarter 2008	17,906.4^B	17,377.5^B	125.8^E	403.1^E

Table 6-5
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and type of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all days				
Fourth quarter 2007	80,309.4 ^A	72,175.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	72,578.3 ^A	65,151.1 ^A	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	82,359.5 ^A	74,306.5 ^A	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	88,093.7^A	79,947.8^A	2,180.9^B	5,965.1^B
Weekends and holidays				
Fourth quarter 2007	20,989.2 ^B	19,746.1 ^B	228.7 ^E	1,014.3 ^C
First quarter 2008	19,583.3 ^A	18,229.1 ^A	289.8 ^D	1,064.4 ^C
Second quarter 2008	21,454.7 ^A	20,348.9 ^A	318.2 ^E	787.6 ^D
Third quarter 2008	22,970.7^A	21,845.5^A	282.3^D	842.8^D
Weekdays				
Fourth quarter 2007	59,320.2 ^A	52,429.1 ^A	1,683.9 ^B	5,207.3 ^B
First quarter 2008	52,995.0 ^A	46,922.0 ^A	1,651.6 ^B	4,421.4 ^B
Second quarter 2008	60,904.8 ^A	53,957.6 ^A	1,887.0 ^B	5,060.2 ^B
Third quarter 2008	65,123.0^A	58,102.2^A	1,898.5^B	5,122.2^B
millions of passenger-kilometres				
Total, all days				
Fourth quarter 2007	121,702.4 ^A	112,451.3 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	112,471.3 ^A	104,004.9 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Weekends and holidays				
Fourth quarter 2007	36,793.1 ^B	35,441.2 ^B	295.0 ^E	1,056.9 ^E
First quarter 2008	35,254.8 ^B	33,755.1 ^B	386.8 ^D	1,112.9 ^C
Second quarter 2008	39,766.2 ^A	38,484.3 ^A	416.2 ^E	865.7 ^D
Third quarter 2008	41,186.2^B	39,804.0^B	375.3^E	1,006.8^D
Weekdays				
Fourth quarter 2007	84,909.2 ^A	77,010.1 ^B	2,257.0 ^B	5,642.2 ^B
First quarter 2008	77,216.5 ^A	70,249.8 ^A	2,266.8 ^B	4,699.9 ^B
Second quarter 2008	91,066.4 ^A	82,816.3 ^A	2,623.9 ^B	5,626.1 ^B
Third quarter 2008	98,729.7^A	90,777.8^A	2,418.0^B	5,533.9^B

Table 6-6
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and time of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all hours				
Fourth quarter 2007	80,309.4 A	72,175.2 A	1,912.6 B	6,221.6 B
First quarter 2008	72,578.3 A	65,151.1 A	1,941.3 B	5,485.9 B
Second quarter 2008	82,359.5 A	74,306.5 A	2,205.3 B	5,847.7 B
Third quarter 2008	88,093.7 A	79,947.8 A	2,180.9 B	5,965.1 B
00:00 to 05:59				
Fourth quarter 2007	2,322.3 C	1,704.5 D	F	557.9 C
First quarter 2008	2,601.0 B	1,995.8 B	63.6 D	541.6 B
Second quarter 2008	2,465.7 B	1,890.2 C	62.4 D	513.1 C
Third quarter 2008	3,117.6 B	2,467.9 C	69.8 C	579.9 C
06:00 to 11:59				
Fourth quarter 2007	27,172.1 B	23,974.5 B	945.5 B	2,252.1 B
First quarter 2008	23,766.2 A	20,885.8 A	984.1 B	1,896.3 B
Second quarter 2008	25,621.5 A	22,559.4 A	926.1 B	2,136.0 B
Third quarter 2008	30,358.7 A	27,059.0 A	1,029.4 B	2,270.3 B
12:00 to 17:59				
Fourth quarter 2007	36,892.8 B	33,762.4 B	772.9 B	2,357.5 B
First quarter 2008	32,516.5 A	29,623.7 A	772.5 B	2,120.4 B
Second quarter 2008	38,283.3 A	35,018.5 A	1,064.1 B	2,200.7 B
Third quarter 2008	38,259.1 A	35,049.0 A	918.5 B	2,291.6 B
18:00 to 23:59				
Fourth quarter 2007	13,922.2 B	12,733.9 B	134.3 E	1,054.0 C
First quarter 2008	13,694.6 A	12,645.8 A	121.2 C	927.6 B
Second quarter 2008	15,989.0 A	14,838.4 B	152.7 E	997.9 B
Third quarter 2008	16,358.3 A	15,371.9 B	163.1 C	823.2 B
millions of passenger-kilometres				
Total, all hours				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 A	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
00:00 to 05:59				
Fourth quarter 2007	2,917.4 D	2,224.2 E	F	607.0 D
First quarter 2008	3,538.0 C	2,907.9 C	77.2 D	552.9 B
Second quarter 2008	3,401.3 C	2,701.8 C	68.5 E	631.0 C
Third quarter 2008	4,258.0 C	3,518.5 C	79.4 D	660.1 C
06:00 to 11:59				
Fourth quarter 2007	38,209.1 B	34,530.2 B	1,259.2 B	2,419.8 B
First quarter 2008	33,790.1 B	30,397.9 B	1,377.5 B	2,014.6 B
Second quarter 2008	37,742.0 A	34,134.4 A	1,266.9 B	2,340.8 B
Third quarter 2008	44,679.2 A	40,868.4 A	1,311.6 B	2,499.2 B
12:00 to 17:59				
Fourth quarter 2007	57,304.4 B	53,779.5 B	1,005.5 B	2,519.4 B
First quarter 2008	49,793.1 A	46,508.2 A	1,013.9 B	2,271.0 B
Second quarter 2008	61,740.8 A	57,871.8 A	1,474.0 B	2,395.0 B
Third quarter 2008	62,913.0 A	59,235.9 A	1,190.2 B	2,486.9 B
18:00 to 23:59				
Fourth quarter 2007	23,271.5 B	21,917.4 B	201.1 E	1,152.9 C
First quarter 2008	25,350.2 B	24,191.0 B	184.9 C	974.3 B
Second quarter 2008	27,948.4 B	26,592.7 B	230.7 E	1,125.0 B
Third quarter 2008	28,065.7 B	26,959.0 B	212.1 D	894.6 B

Table 6-7

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle, type of day and time of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all days				
Total, all hours				
Fourth quarter 2007	80,309.4 A	72,175.2 A	1,912.6 B	6,221.6 B
First quarter 2008	72,578.3 A	65,151.1 A	1,941.3 B	5,485.9 B
Second quarter 2008	82,359.5 A	74,306.5 A	2,205.3 B	5,847.7 B
Third quarter 2008	88,093.7 A	79,947.8 A	2,180.9 B	5,965.1 B
00:00 to 05:59				
Fourth quarter 2007	2,322.3 C	1,704.5 D	F	557.9 C
First quarter 2008	2,601.0 B	1,995.8 B	63.6 D	541.6 B
Second quarter 2008	2,465.7 B	1,890.2 C	62.4 D	513.1 C
Third quarter 2008	3,117.6 B	2,467.9 C	69.8 C	579.9 C
06:00 to 11:59				
Fourth quarter 2007	27,172.1 B	23,974.5 B	945.5 B	2,252.1 B
First quarter 2008	23,766.2 A	20,885.8 A	984.1 B	1,896.3 B
Second quarter 2008	25,621.5 A	22,559.4 A	926.1 B	2,136.0 B
Third quarter 2008	30,358.7 A	27,059.0 A	1,029.4 B	2,270.3 B
12:00 to 17:59				
Fourth quarter 2007	36,892.8 B	33,762.4 B	772.9 B	2,357.5 B
First quarter 2008	32,516.5 A	29,623.7 A	772.5 B	2,120.4 B
Second quarter 2008	38,283.3 A	35,018.5 A	1,064.1 B	2,200.7 B
Third quarter 2008	38,259.1 A	35,049.0 A	918.5 B	2,291.6 B
18:00 to 23:59				
Fourth quarter 2007	13,922.2 B	12,733.9 B	134.3 E	1,054.0 C
First quarter 2008	13,694.6 A	12,645.8 A	121.2 C	927.6 B
Second quarter 2008	15,989.0 A	14,838.4 B	152.7 E	997.9 B
Third quarter 2008	16,358.3 A	15,371.9 B	163.1 C	823.2 B
Weekends and holidays				
Total, all hours				
Fourth quarter 2007	20,989.2 B	19,746.1 B	228.7 E	1,014.3 C
First quarter 2008	19,583.3 A	18,229.1 A	289.8 C	1,064.4 C
Second quarter 2008	21,454.7 A	20,348.9 A	318.2 E	787.6 C
Third quarter 2008	22,970.7 A	21,845.5 A	282.3 D	842.8 C
00:00 to 05:59				
Fourth quarter 2007	510.3 E	425.9 E	F	77.7 E
First quarter 2008	627.0 C	520.3 D	F	101.6 E
Second quarter 2008	535.8 D	466.0 D	F	63.0 E
Third quarter 2008	723.1 C	645.2 C	10.2 E	F
06:00 to 11:59				
Fourth quarter 2007	6,481.5 C	6,010.1 C	106.6 E	364.8 C
First quarter 2008	5,640.6 B	5,117.6 B	161.7 C	361.3 D
Second quarter 2008	5,935.2 B	5,530.9 B	127.8 E	276.5 C
Third quarter 2008	7,078.8 B	6,673.4 B	119.7 E	285.7 C
12:00 to 17:59				
Fourth quarter 2007	10,383.1 B	9,890.9 B	96.0 E	396.2 C
First quarter 2008	9,174.8 B	8,653.5 B	105.1 D	416.2 C
Second quarter 2008	10,644.5 A	10,195.9 A	153.7 C	294.8 C
Third quarter 2008	10,607.8 B	10,147.2 B	126.4 D	334.2 C
18:00 to 23:59				
Fourth quarter 2007	3,614.3 C	3,419.1 C	F	175.7 E
First quarter 2008	4,140.9 B	3,937.8 B	17.7 E	185.3 D
Second quarter 2008	4,339.2 B	4,156.1 B	29.9 E	153.3 D
Third quarter 2008	4,561.1 B	4,379.7 B	26.1 E	155.3 D
Weekdays				
Total, all hours				
Fourth quarter 2007	59,320.2 A	52,429.1 A	1,683.9 B	5,207.3 B
First quarter 2008	52,995.0 A	46,922.0 A	1,651.6 B	4,421.4 B
Second quarter 2008	60,904.8 A	53,957.6 A	1,887.0 B	5,060.2 B
Third quarter 2008	65,123.0 A	58,102.2 A	1,898.5 B	5,122.2 B

Table 6-7 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle, type of day and time of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
00:00 to 05:59				
Fourth quarter 2007	1,812.0 ^D	1,278.6 ^E	F	480.2 ^C
First quarter 2008	1,974.0 ^B	1,475.6 ^C	58.4 ^D	440.0 ^B
Second quarter 2008	1,929.9 ^B	1,424.2 ^C	55.6 ^E	450.1 ^C
Third quarter 2008	2,394.6^B	1,822.7^C	59.7^D	512.2^B
06:00 to 11:59				
Fourth quarter 2007	20,690.6 ^B	17,964.3 ^B	838.9 ^B	1,887.3 ^B
First quarter 2008	18,125.5 ^A	15,768.2 ^A	822.3 ^B	1,535.0 ^B
Second quarter 2008	19,686.2 ^A	17,028.5 ^A	798.2 ^B	1,859.5 ^B
Third quarter 2008	23,279.9^A	20,385.6^A	909.7^B	1,984.6^B
12:00 to 17:59				
Fourth quarter 2007	26,509.7 ^B	23,871.4 ^B	676.9 ^B	1,961.4 ^B
First quarter 2008	23,341.8 ^A	20,970.2 ^A	667.4 ^B	1,704.1 ^B
Second quarter 2008	27,638.8 ^A	24,822.6 ^A	910.4 ^B	1,905.9 ^B
Third quarter 2008	27,651.3^A	24,901.8^A	792.1^B	1,957.4^B
18:00 to 23:59				
Fourth quarter 2007	10,308.0 ^B	9,314.7 ^B	114.9 ^E	878.3 ^C
First quarter 2008	9,553.7 ^A	8,708.0 ^B	103.4 ^C	742.3 ^B
Second quarter 2008	11,649.8 ^B	10,682.3 ^B	F	844.7 ^B
Third quarter 2008	11,797.2^B	10,992.2^B	137.0^C	667.9^B

Table 6-7 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle, type of day and time of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
Total, all days				
Total, all hours				
Fourth quarter 2007	121,702.4 A	112,451.3 A	2,552.0 B	6,699.1 B
First quarter 2008	112,471.3 A	104,004.9 A	2,653.6 B	5,812.8 B
Second quarter 2008	130,832.6 A	121,300.6 A	3,040.1 B	6,491.9 B
Third quarter 2008	139,915.9 A	130,581.8 A	2,793.3 B	6,540.7 B
00:00 to 05:59				
Fourth quarter 2007	2,917.4 D	2,224.2 E	F	607.0 D
First quarter 2008	3,538.0 C	2,907.9 C	77.2 D	552.9 B
Second quarter 2008	3,401.3 C	2,701.8 C	68.5 E	631.0 C
Third quarter 2008	4,258.0 C	3,518.5 C	79.4 D	660.1 C
06:00 to 11:59				
Fourth quarter 2007	38,209.1 B	34,530.2 B	1,259.2 B	2,419.8 B
First quarter 2008	33,790.1 B	30,397.9 B	1,377.5 B	2,014.6 B
Second quarter 2008	37,742.0 A	34,134.4 A	1,266.9 B	2,340.8 B
Third quarter 2008	44,679.2 A	40,868.4 A	1,311.6 B	2,499.2 B
12:00 to 17:59				
Fourth quarter 2007	57,304.4 B	53,779.5 B	1,005.5 B	2,519.4 B
First quarter 2008	49,793.1 A	46,508.2 A	1,013.9 B	2,271.0 B
Second quarter 2008	61,740.8 A	57,871.8 A	1,474.0 B	2,395.0 B
Third quarter 2008	62,913.0 A	59,235.9 A	1,190.2 B	2,486.9 B
18:00 to 23:59				
Fourth quarter 2007	23,271.5 B	21,917.4 B	201.1 E	1,152.9 C
First quarter 2008	25,350.2 B	24,191.0 B	184.9 C	974.3 B
Second quarter 2008	27,948.4 B	26,592.7 B	230.7 E	1,125.0 B
Third quarter 2008	28,065.7 B	26,959.0 B	212.1 D	894.6 B
Weekends and holidays				
Total, all hours				
Fourth quarter 2007	36,793.1 B	35,441.2 B	295.0 E	1,056.9 E
First quarter 2008	35,254.8 B	33,755.1 B	386.8 D	1,112.9 C
Second quarter 2008	39,766.2 A	38,484.3 A	416.2 C	865.7 C
Third quarter 2008	41,186.2 A	39,804.0 B	375.3 E	1,006.8 C
00:00 to 05:59				
Fourth quarter 2007	725.2 E	635.8 E	F	78.5 E
First quarter 2008	1,029.2 D	921.3 D	F	102.3 E
Second quarter 2008	807.8 E	721.5 E	F	78.5 E
Third quarter 2008	1,023.7 D	932.5 D	F	F
06:00 to 11:59				
Fourth quarter 2007	10,327.4 C	9,805.4 C	140.1 E	381.9 E
First quarter 2008	9,012.8 B	8,427.1 B	212.7 D	373.1 D
Second quarter 2008	10,523.0 B	10,068.6 B	158.6 E	295.9 D
Third quarter 2008	12,138.7 B	11,646.8 B	145.6 E	346.3 C
12:00 to 17:59				
Fourth quarter 2007	18,975.7 B	18,448.6 B	114.4 E	412.7 E
First quarter 2008	16,587.8 B	16,011.5 B	138.9 D	437.4 C
Second quarter 2008	20,296.4 B	19,776.8 B	200.4 C	319.2 C
Third quarter 2008	20,102.1 B	19,524.2 B	178.5 E	399.4 C
18:00 to 23:59				
Fourth quarter 2007	6,764.9 C	6,551.4 C	F	183.8 E
First quarter 2008	8,625.0 B	8,395.2 B	29.6 D	200.1 D
Second quarter 2008	8,138.9 B	7,917.4 B	49.4 E	172.1 D
Third quarter 2008	7,921.7 B	7,700.5 B	F	184.1 D
Weekdays				
Total, all hours				
Fourth quarter 2007	84,909.2 A	77,010.1 B	2,257.0 B	5,642.2 B
First quarter 2008	77,216.5 A	70,249.8 A	2,266.8 B	4,699.9 B
Second quarter 2008	91,066.4 A	82,816.3 A	2,623.9 B	5,626.1 B
Third quarter 2008	98,729.7 A	90,777.8 A	2,418.0 B	5,533.9 B

Table 6-7 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle, type of day and time of day

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of passenger-kilometres				
00:00 to 05:59				
Fourth quarter 2007	2,192.2 ^D	1,588.4 ^E	F	528.5 ^D
First quarter 2008	2,508.8 ^C	1,986.6 ^D	71.6 ^D	450.6 ^B
Second quarter 2008	2,593.5 ^C	1,980.3 ^D	60.7 ^E	552.5 ^C
Third quarter 2008	3,234.3^C	2,586.0^D	65.3^D	583.0^C
06:00 to 11:59				
Fourth quarter 2007	27,881.8 ^B	24,724.7 ^B	1,119.1 ^B	2,037.9 ^B
First quarter 2008	24,777.2 ^B	21,970.8 ^B	1,164.8 ^B	1,641.6 ^B
Second quarter 2008	27,219.0 ^B	24,065.8 ^B	1,108.3 ^B	2,044.8 ^B
Third quarter 2008	32,540.6^A	29,221.7^B	1,166.0^B	2,152.9^B
12:00 to 17:59				
Fourth quarter 2007	38,328.7 ^B	35,330.9 ^B	891.1 ^C	2,106.7 ^B
First quarter 2008	33,205.3 ^B	30,496.6 ^B	875.1 ^B	1,833.6 ^B
Second quarter 2008	41,444.4 ^A	38,095.0 ^B	1,273.6 ^B	2,075.8 ^B
Third quarter 2008	42,810.9^A	39,711.7^A	1,011.7^B	2,087.5^B
18:00 to 23:59				
Fourth quarter 2007	16,506.7 ^B	15,366.0 ^B	171.5 ^E	969.1 ^C
First quarter 2008	16,725.2 ^B	15,795.7 ^B	155.3 ^C	774.2 ^B
Second quarter 2008	19,809.5 ^B	18,675.2 ^B	F	952.9 ^B
Third quarter 2008	20,144.0^B	19,258.5^B	175.0^D	710.5^B

Table 6-8
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by type of vehicle and road type

	Total, all vehicles	Vehicles up to 4.5 tonnes	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres				
Total, all roads				
Fourth quarter 2007	80,309.4 ^A	72,175.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	72,578.3 ^A	65,151.1 ^A	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	82,359.5 ^A	74,306.5 ^A	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	88,093.7^A	79,947.8^A	2,180.9^B	5,965.1^B
Roads with posted maximum speed of 80 kilometres per hour or more				
Fourth quarter 2007	42,137.4 ^B	37,237.2 ^B	1,066.6 ^C	3,833.7 ^B
First quarter 2008	38,119.3 ^A	32,853.0 ^A	1,104.3 ^B	4,162.0 ^B
Second quarter 2008	44,882.8 ^A	39,517.7 ^A	1,178.4 ^B	4,186.8 ^B
Third quarter 2008	49,463.0^A	44,385.2^A	1,385.5^B	3,692.3^B
All other roads				
Fourth quarter 2007	38,172.0 ^B	34,938.0 ^B	846.0 ^C	2,387.9 ^B
First quarter 2008	34,459.0 ^A	32,298.1 ^B	837.0 ^C	1,323.9 ^D
Second quarter 2008	37,476.7 ^B	34,788.8 ^B	1,026.9 ^D	1,661.0 ^C
Third quarter 2008	38,630.7^B	35,562.6^B	795.4^C	2,272.8^C
millions of passenger-kilometres				
Total, all roads				
Fourth quarter 2007	121,702.4 ^A	112,451.3 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	112,471.3 ^A	104,004.9 ^A	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	130,832.6 ^A	121,300.6 ^A	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	139,915.9^A	130,581.8^A	2,793.3^B	6,540.7^B
Roads with posted maximum speed of 80 kilometres per hour or more				
Fourth quarter 2007	65,875.9 ^B	60,237.5 ^B	1,481.0 ^C	4,157.4 ^B
First quarter 2008	60,341.1 ^A	54,429.9 ^A	1,539.9 ^B	4,371.4 ^B
Second quarter 2008	72,759.7 ^A	66,395.8 ^A	1,607.8 ^B	4,756.1 ^B
Third quarter 2008	79,910.5^A	74,047.0^A	1,738.9^B	4,124.6^B
All other roads				
Fourth quarter 2007	55,826.4 ^B	52,213.7 ^B	1,071.0 ^C	2,541.7 ^B
First quarter 2008	52,130.2 ^B	49,575.0 ^B	1,113.7 ^C	1,441.5 ^D
Second quarter 2008	58,072.9 ^B	54,904.9 ^B	1,432.2 ^D	1,735.7 ^D
Third quarter 2008	60,005.4^B	56,534.8^B	1,054.4^C	2,416.2^C

Table 6-9
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by origin and destination of trips for vehicles up to 4.5 tonnes

	Destination				
	Driver's home	Driver's regular workplace	Shopping centre, bank or other place of personal business	Leisure, entertainment, recreational facility or restaurant	Other
millions of vehicle-kilometres					
Origin					
Driver's home					
Fourth quarter 2007	12,446.8 ^B	6,537.8 ^C	2,674.2 ^E	2,072.8 ^E	8,774.3 ^C
First quarter 2008	10,747.4 ^A	6,504.0 ^B	2,191.9 ^C	2,518.0 ^C	7,755.4 ^B
Second quarter 2008	13,219.9 ^B	6,525.1 ^B	3,299.2 ^C	3,805.1 ^B	8,108.3 ^B
Third quarter 2008	17,188.7^A	7,049.6^B	2,813.6^C	3,271.0^C	7,779.6^B
Driver's regular workplace					
Fourth quarter 2007	5,949.1 ^C	2,017.5 ^E	F	F	1,568.6 ^E
First quarter 2008	5,894.4 ^B	1,822.7 ^C	591.5 ^D	306.7 ^E	1,282.4 ^C
Second quarter 2008	5,849.9 ^B	2,952.4 ^C	648.2 ^E	F	1,565.2 ^D
Third quarter 2008	6,006.7^B	2,395.1^B	682.3^E	F	2,025.2^C
Shopping centre, bank or other place of personal business					
Fourth quarter 2007	3,194.3 ^E	F	F	F	F
First quarter 2008	2,839.0 ^C	F	926.6 ^E	F	668.4 ^E
Second quarter 2008	3,580.1 ^C	F	1,009.6 ^E	375.8 ^E	912.0 ^E
Third quarter 2008	3,081.7^C	F	1,781.8^E	F	1,467.7^D
Leisure, entertainment, recreational facility or restaurant					
Fourth quarter 2007	2,637.7 ^E	F	F	F	F
First quarter 2008	2,332.2 ^C	F	F	297.7 ^E	746.8 ^D
Second quarter 2008	3,251.0 ^C	F	689.0 ^E	632.9 ^E	1,085.3 ^C
Third quarter 2008	3,369.7^C	F	557.9^E	1,143.3^D	1,056.4^D
Other					
Fourth quarter 2007	8,173.9 ^C	1,399.0 ^E	1,574.9 ^E	F	5,665.2 ^E
First quarter 2008	8,112.8 ^B	970.3 ^D	983.7 ^D	896.6 ^D	5,880.8 ^B
Second quarter 2008	8,325.0 ^B	1,072.5 ^D	1,461.4 ^D	1,193.9 ^D	3,895.2 ^B
Third quarter 2008	8,030.5^B	1,372.2^D	1,548.0^D	1,047.7^E	5,264.0^B
millions of passenger-kilometres					
Driver's home					
Fourth quarter 2007	20,117.4 ^B	7,411.9 ^D	4,539.4 ^E	4,210.9 ^D	14,364.3 ^C
First quarter 2008	18,316.4 ^B	7,394.9 ^C	3,405.9 ^D	5,270.1 ^C	12,784.2 ^B
Second quarter 2008	22,915.2 ^B	8,074.0 ^C	5,505.2 ^C	7,612.5 ^B	12,774.6 ^B
Third quarter 2008	28,275.0^A	8,437.4^C	4,813.1^D	7,217.2^C	12,719.3^B
Driver's regular workplace					
Fourth quarter 2007	6,723.4 ^D	2,391.8 ^E	F	F	F
First quarter 2008	6,613.4 ^C	2,026.2 ^D	F	F	1,633.3 ^E
Second quarter 2008	7,195.6 ^C	4,385.1 ^C	F	F	1,787.0 ^E
Third quarter 2008	7,188.8^C	2,929.3^D	F	F	2,455.7^E
Shopping centre, bank or other place of personal business					
Fourth quarter 2007	5,290.6 ^E	F	F	F	1,965.8 ^E
First quarter 2008	4,214.0 ^D	F	1,474.8 ^E	F	1,077.0 ^E
Second quarter 2008	5,745.6 ^D	F	F	F	1,592.0 ^E
Third quarter 2008	4,951.3^D	F	3,065.8^E	F	2,723.5^E
Leisure, entertainment, recreational facility or restaurant					
Fourth quarter 2007	4,941.1 ^D	F	F	1,658.3 ^E	1,766.6 ^E
First quarter 2008	4,319.6 ^C	F	F	F	1,363.8 ^E
Second quarter 2008	6,124.9 ^C	F	1,258.1 ^E	1,267.9 ^E	2,402.3 ^C
Third quarter 2008	7,007.5^C	F	1,255.1^E	2,734.1^E	2,374.1^D

Table 6-9 – continued

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by origin and destination of trips for vehicles up to 4.5 tonnes

	Destination				
	Driver's home	Driver's regular workplace	Shopping centre, bank or other place of personal business	Leisure, entertainment, recreational facility or restaurant	Other
	millions of passenger-kilometres				
Other					
Fourth quarter 2007	13,623.8 ^C	F	2,916.9 ^E	2,819.7 ^E	9,108.9 ^D
First quarter 2008	13,928.2 ^B	1,265.9 ^E	1,643.5 ^E	2,170.0 ^D	12,067.2 ^C
Second quarter 2008	13,878.0 ^B	1,378.6 ^E	2,857.2 ^D	2,591.3 ^D	7,941.5 ^B
Third quarter 2008	12,918.5^B	1,776.1^E	3,253.9^D	2,190.1^E	9,929.9^C

Table 6-10

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by part of the driver's job for vehicles up to 4.5 tonnes

	Vehicle-kilometres	Passenger-kilometres
	millions	
Total		
Fourth quarter 2007	72,175.2 ^A	112,451.3 ^A
First quarter 2008	65,151.1 ^A	104,004.9 ^B
Second quarter 2008	74,306.5 ^A	121,300.6 ^A
Third quarter 2008	79,947.8^A	130,581.8^A
Yes		
Fourth quarter 2007	13,039.7 ^B	15,681.5 ^C
First quarter 2008	12,136.0 ^B	15,428.9 ^C
Second quarter 2008	13,510.4 ^B	18,599.4 ^B
Third quarter 2008	13,617.3^B	18,136.1^B
No		
Fourth quarter 2007	59,135.5 ^A	96,769.8 ^B
First quarter 2008	53,015.1 ^A	88,576.0 ^B
Second quarter 2008	60,796.1 ^A	102,701.2 ^A
Third quarter 2008	66,330.5^A	112,445.7^A

Table 6-11
Estimates of vehicle-kilometres and passenger-kilometres for provinces only by vehicle group and trip purpose for trucks weighing 4.5 tonnes or more

	Trucks 4.5 tonnes to 14.9 tonnes				Trucks 15 tonnes and over			
	Third quarter 2008	Second quarter 2008	First quarter 2008	Fourth quarter 2007	Third quarter 2008	Second quarter 2008	First quarter 2008	Fourth quarter 2007
millions of vehicle-kilometres								
Total, all groups								
Driving to or from service call	482.0 ^E	472.1 ^D	292.1 ^B	458.0 ^D	215.9 ^E	193.5 ^E	F	313.3 ^E
Carrying goods or equipment	955.5 ^B	1,083.9 ^B	935.0 ^B	774.4 ^E	4,791.9 ^B	4,719.0 ^B	4,288.9 ^B	4,622.3 ^E
Empty	F	77.4 ^E	157.0 ^C	F	846.8 ^D	726.3 ^C	845.2 ^C	981.4 ^C
Other work purpose	182.0 ^D	129.0 ^E	48.5 ^E	F	F	F	F	45.5 ^E
Non-work purpose	482.7 ^C	442.8 ^C	508.6 ^B	479.7 ^E	F	115.4 ^E	230.6 ^D	259.1 ^D
Total	2,180.9^B	2,205.3^B	1,941.3^B	1,912.6^B	5,965.1^B	5,847.7^B	5,485.9^B	6,221.6^B
Straight trucks								
Driving to or from service call	477.7 ^E	459.3 ^D	284.8 ^E	454.4 ^D	F	F	F	F
Carrying goods or equipment	885.0 ^B	1,007.9 ^B	856.0 ^E	751.2 ^D	627.1 ^D	605.0 ^D	702.0 ^E	684.5 ^E
Empty	F	66.2 ^E	156.3 ^C	F	F	F	F	F
Other work purpose	169.7 ^D	128.3 ^E	48.4 ^E	F	F	F	F	F
Non-work purpose	414.5 ^C	427.2 ^C	474.8 ^B	466.4 ^E	F	F	93.8 ^E	F
Total	2,025.5^B	2,088.8^B	1,820.3^B	1,869.4^C	812.8^E	883.5^E	908.7^E	968.7^D
Other trucks over 4.5 tonnes								
Driving to or from service call	F	F	7.3 ^E	F	208.1 ^E	99.4 ^E	F	264.2 ^E
Carrying goods or equipment	70.5 ^E	76.1 ^E	79.0 ^E	F	4,164.8 ^B	4,114.0 ^B	3,586.9 ^B	3,937.8 ^E
Empty	F	11.1 ^E	F	F	699.3 ^C	552.1 ^D	756.6 ^C	818.7 ^D
Other work purpose	F	F	F	F	23.9 ^E	F	F	F
Non-work purpose	68.2 ^E	15.6 ^E	33.9 ^E	F	F	106.0 ^E	136.8 ^E	218.0 ^E
Total	155.4^E	116.4^E	121.1^E	F	5,152.3^B	4,964.2^B	4,577.2^B	5,252.9^B
millions of passenger-kilometres								
Total, all groups								
Driving to or from service call	566.0 ^E	618.9 ^D	388.9 ^C	651.7 ^D	241.6 ^E	249.3 ^E	F	413.9 ^D
Carrying goods or equipment	1,136.6 ^B	1,349.8 ^C	1,154.4 ^B	898.6 ^E	5,246.1 ^B	5,263.4 ^B	4,583.5 ^B	4,927.2 ^B
Empty	F	105.8 ^E	190.9 ^D	F	932.2 ^D	768.0 ^D	861.1 ^C	1,025.5 ^C
Other work purpose	318.0 ^C	162.0 ^E	F	F	F	F	F	45.5 ^E
Non-work purpose	685.8 ^C	803.5 ^C	857.5 ^B	773.2 ^D	F	F	240.6 ^D	287.0 ^E
Total	2,793.3^B	3,040.1^B	2,653.6^B	2,552.0^B	6,540.7^B	6,491.9^B	5,812.8^B	6,699.1^B
Straight trucks								
Driving to or from service call	560.5 ^E	599.5 ^D	376.4 ^E	641.4 ^D	F	134.7 ^E	F	F
Carrying goods or equipment	1,057.5 ^B	1,254.5 ^C	1,045.3 ^E	875.0 ^E	694.4 ^D	627.8 ^E	742.4 ^E	692.3 ^E
Empty	F	94.7 ^E	190.1 ^D	F	F	F	F	F
Other work purpose	305.6 ^D	160.9 ^E	F	F	F	F	F	F
Non-work purpose	601.8 ^C	765.4 ^D	803.9 ^C	759.9 ^E	F	F	101.9 ^E	F
Total	2,612.2^B	2,874.9^B	2,477.5^B	2,501.5^C	898.8^E	950.3^E	957.9^E	981.3^E
Other trucks over 4.5 tonnes								
Driving to or from service call	F	F	12.5 ^E	F	229.9 ^E	114.6 ^E	F	360.9 ^E
Carrying goods or equipment	79.1 ^E	95.3 ^E	109.1 ^E	F	4,551.7 ^B	4,635.6 ^B	3,841.2 ^B	4,234.9 ^E
Empty	F	F	F	F	770.0 ^C	592.8 ^D	772.5 ^C	862.8 ^D
Other work purpose	F	F	F	F	23.9 ^E	F	F	F
Non-work purpose	84.1 ^E	38.1 ^E	53.6 ^E	F	F	106.0 ^E	138.7 ^E	245.0 ^E
Total	181.2^E	165.1^E	176.1^E	F	5,641.9^B	5,541.6^B	4,855.0^B	5,717.8^B

Table 6-12

Estimates of vehicle-kilometres and passenger-kilometres for provinces only by carrying dangerous goods for trucks weighing 4.5 tonnes or more

	Total, all vehicles	Trucks 4.5 tonnes to 14.9 tonnes	Trucks 15 tonnes and over
millions of vehicle-kilometres			
Total with or without dangerous goods			
Fourth quarter 2007	8,134.2 ^A	1,912.6 ^B	6,221.6 ^B
First quarter 2008	7,427.2 ^B	1,941.3 ^B	5,485.9 ^B
Second quarter 2008	8,053.0 ^B	2,205.3 ^B	5,847.7 ^B
Third quarter 2008	8,146.0^B	2,180.9^B	5,965.1^B
With dangerous goods			
Fourth quarter 2007	1,295.5 ^E	F	1,265.8 ^E
First quarter 2008	390.8 ^D	145.2 ^D	245.6 ^E
Second quarter 2008	484.3 ^B	85.1 ^E	399.1 ^B
Third quarter 2008	763.4^D	122.8^E	640.5^D
Without dangerous goods			
Fourth quarter 2007	6,838.7 ^B	1,882.9 ^C	4,955.8 ^B
First quarter 2008	7,036.4 ^A	1,796.2 ^B	5,240.3 ^B
Second quarter 2008	7,568.8 ^A	2,120.1 ^B	5,448.6 ^B
Third quarter 2008	7,382.6^B	2,058.1^B	5,324.5^B
millions of passenger-kilometres			
Total with or without dangerous goods			
Fourth quarter 2007	9,251.1 ^A	2,552.0 ^B	6,699.1 ^B
First quarter 2008	8,466.4 ^B	2,653.6 ^B	5,812.8 ^B
Second quarter 2008	9,531.9 ^B	3,040.1 ^B	6,491.9 ^B
Third quarter 2008	9,334.1^B	2,793.3^B	6,540.7^B
With dangerous goods			
Fourth quarter 2007	1,307.6 ^E	F	1,265.8 ^E
First quarter 2008	457.7 ^D	211.5 ^C	246.2 ^E
Second quarter 2008	484.3 ^B	85.1 ^E	399.1 ^B
Third quarter 2008	907.0^E	123.2^E	783.7^E
Without dangerous goods			
Fourth quarter 2007	7,943.5 ^B	2,510.2 ^C	5,433.3 ^B
First quarter 2008	8,008.7 ^A	2,442.1 ^B	5,566.6 ^B
Second quarter 2008	9,047.7 ^B	2,954.9 ^B	6,092.7 ^B
Third quarter 2008	8,427.1^B	2,670.1^B	5,757.0^B

Table 7-1
Estimates by type of vehicle, type of fuel and vehicle body type for provinces only — Vehicle-kilometres

	Total, all vehicles		Vehicles up to 4.5 tonnes		Trucks 4.5 tonnes to 14.9 tonnes		Trucks 15 tonnes and over	
	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel
millions of vehicle-kilometres								
Vehicle body type								
Car								
Fourth quarter 2007	33,268.9 ^B	F	33,261.1 ^B	F	...	...	...	...
First quarter 2008	33,034.0 ^B	761.2 ^E	33,034.0 ^B	761.2 ^E	...	...	...	...
Second quarter 2008	37,013.1 ^B	F	37,013.1 ^B	F	...	...	...	...
Third quarter 2008	39,087.4^B	638.3^E	39,087.4^B	638.3^E	...	...	...	...
Station wagon								
Fourth quarter 2007	F	F	F	F	...	...	...	...
First quarter 2008	1,709.2 ^E	F	1,709.2 ^E	F	...	...	...	...
Second quarter 2008	2,129.4 ^E	F	2,129.4 ^E	F	...	...	...	...
Third quarter 2008	3,000.9^D	F	3,000.9^D	F	...	...	...	...
Van								
Fourth quarter 2007	13,049.6 ^D	F	12,959.2 ^D	F	F	F	...	...
First quarter 2008	10,174.8 ^C	F	10,142.7 ^C	F	F	F	...	...
Second quarter 2008	11,724.1 ^C	F	11,661.1 ^C	F	F	F	...	...
Third quarter 2008	11,892.3^C	F	11,870.9^C	F	F	F	...	...
SUV								
Fourth quarter 2007	9,645.1 ^D	F	9,645.1 ^D	F	...	...	...	...
First quarter 2008	6,382.1 ^D	F	6,382.1 ^D	F	...	...	...	...
Second quarter 2008	10,114.7 ^C	F	10,114.7 ^C	F	...	...	...	...
Third quarter 2008	9,896.4^C	F	9,896.4^C	F	...	...	...	...
Pickup								
Fourth quarter 2007	12,232.7 ^C	1,978.4 ^E	12,148.9 ^C	1,666.4 ^E	F	311.9 ^E	...	...
First quarter 2008	11,696.3 ^B	1,458.1 ^D	11,554.7 ^B	1,170.3 ^E	141.6 ^E	287.8 ^E	...	...
Second quarter 2008	10,726.6 ^C	1,276.3 ^D	10,643.1 ^C	906.2 ^E	F	370.1 ^D	...	...
Third quarter 2008	13,180.8^B	1,810.5^D	13,160.2^B	1,425.3^E	F	379.1^D	...	...
Straight truck								
Fourth quarter 2007	266.6 ^E	2,122.2 ^B	F	F	F	1,100.1 ^C	F	964.8 ^C
First quarter 2008	F	2,187.3 ^C	F	F	F	1,259.1 ^E	F	904.1 ^E
Second quarter 2008	229.6 ^E	2,322.8 ^C	F	F	205.0 ^E	1,314.9 ^C	F	870.9 ^E
Third quarter 2008	F	2,195.7^C	F	F	F	1,391.6^E	F	796.6^E
Tractor trailer								
Fourth quarter 2007	...	5,330.4 ^B	...	...	...	F	...	5,190.4 ^B
First quarter 2008	...	4,690.5 ^B	...	...	...	121.1 ^E	...	4,569.5 ^B
Second quarter 2008	...	5,045.6 ^B	...	...	...	100.1 ^E	...	4,945.5 ^B
Third quarter 2008	...	5,297.7^B	...	...	...	146.2^E	...	5,151.5^B
Bus								
Fourth quarter 2007	F	F	F	F	F	F	...	...
First quarter 2008	F	F	F	F	F	F	...	...
Second quarter 2008	F	F	F	F	F	F	...	...
Third quarter 2008	F	F	F	F	F	F	...	...
Other								
Fourth quarter 2007	F	F	F	F	F	F	...	F
First quarter 2008	F	F	F	F	F	11.9 ^E	...	F
Second quarter 2008	F	F	F	F	F	F	...	F
Third quarter 2008	F	F	F	F	F	F	...	F
Total								
Fourth quarter 2007	69,573.2 ^A	10,444.3 ^B	69,211.9 ^A	2,747.8 ^C	361.3 ^D	1,540.8 ^B	F	6,155.8 ^B
First quarter 2008	63,215.6 ^A	9,239.5 ^B	62,989.3 ^A	2,047.2 ^D	F	1,718.6 ^B	F	5,473.7 ^B
Second quarter 2008	72,040.9 ^A	9,859.0 ^B	71,672.5 ^A	2,215.0 ^E	368.1 ^E	1,827.5 ^C	F	5,816.5 ^B
Third quarter 2008	77,403.6^A	10,307.9^B	77,180.9^A	2,391.6^D	F	1,962.0^B	F	5,954.2^B

Table 7-2
Estimates by type of vehicle, type of fuel and vehicle body type for provinces only — Fuel consumed

	Total		Vehicles up to 4.5 tonnes		Trucks 4.5 tonnes to 14.9 tonnes		Trucks 15 tonnes and over	
	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel
millions of litres								
Vehicle body type								
Car								
Fourth quarter 2007	F	F	F	F	...	...	...	...
First quarter 2008	3,084.2 ^E	F	3,084.2 ^E	F	...	...	...	...
Second quarter 2008	3,181.9 ^E	F	3,181.9 ^E	F	...	...	...	...
Third quarter 2008	3,157.9^B	F	3,157.9^B	F	...	...	...	...
Station wagon								
Fourth quarter 2007	F	F	F	F	...	...	...	...
First quarter 2008	176.7 ^E	F	176.7 ^E	F	...	...	...	...
Second quarter 2008	196.2 ^E	F	196.2 ^E	F	...	...	...	...
Third quarter 2008	244.8^E	F	244.8^E	F	...	...	...	...
Van								
Fourth quarter 2007	F	F	F	F	F	F	...	...
First quarter 2008	1,323.3 ^C	23.8 ^E	1,317.5 ^C	14.1 ^E	F	F	...	...
Second quarter 2008	1,244.7 ^C	F	1,231.7 ^C	F	F	F	...	...
Third quarter 2008	1,317.0^E	F	1,312.3^E	F	F	9.2^E	...	...
SUV								
Fourth quarter 2007	F	F	F	F	...	...	...	...
First quarter 2008	846.5 ^E	F	846.5 ^E	F	...	...	...	...
Second quarter 2008	1,231.5 ^D	F	1,231.5 ^D	F	...	...	...	...
Third quarter 2008	1,087.1^E	F	1,087.1^E	F	...	...	...	...
Pickup								
Fourth quarter 2007	1,869.7 ^E	F	1,850.0 ^E	F	F	65.9 ^E	...	...
First quarter 2008	1,793.7 ^E	246.4 ^E	1,766.3 ^E	188.7 ^E	27.3 ^E	57.7 ^E	...	...
Second quarter 2008	1,497.1 ^C	183.2 ^D	1,478.4 ^C	111.5 ^E	F	71.7 ^E	...	...
Third quarter 2008	1,714.5^E	256.5^D	1,709.4^E	178.2^E	F	75.9^D	...	...
Straight truck								
Fourth quarter 2007	F	625.9 ^B	F	F	F	289.3 ^C	F	329.5 ^C
First quarter 2008	F	601.0 ^D	F	F	F	302.9 ^E	F	293.4 ^E
Second quarter 2008	48.7 ^E	639.9 ^C	F	F	45.0 ^E	293.0 ^E	F	328.9 ^E
Third quarter 2008	F	629.7^D	F	F	43.5^E	316.4^E	F	311.9^E
Tractor trailer								
Fourth quarter 2007	...	1,926.1 ^B	...	...	...	F	...	1,893.5 ^B
First quarter 2008	...	1,697.0 ^B	...	...	...	31.2 ^E	...	1,665.8 ^B
Second quarter 2008	...	1,751.8 ^E	...	...	...	25.9 ^E	...	1,725.9 ^E
Third quarter 2008	...	1,819.9^B	...	...	...	29.6^E	...	1,790.3^B
Bus								
Fourth quarter 2007	F	F	F	F	F	F	...	...
First quarter 2008	F	F	F	F	F	F	...	...
Second quarter 2008	F	F	F	F	F	F	...	...
Third quarter 2008	F	F	F	F	F	F	...	...
Other								
Fourth quarter 2007	F	F	F	F	F	F	...	F
First quarter 2008	F	F	F	F	F	F	...	F
Second quarter 2008	F	F	F	F	F	F	...	F
Third quarter 2008	F	F	F	F	F	F	...	F
Total								
Fourth quarter 2007	7,974.6 ^E	2,934.4 ^B	7,894.7 ^E	F	79.8 ^E	388.2 ^C	F	2,223.4 ^B
First quarter 2008	7,265.8 ^E	2,618.2 ^B	7,220.2 ^E	255.4 ^E	F	403.5 ^B	F	1,959.3 ^B
Second quarter 2008	7,417.3 ^B	2,668.9 ^B	7,334.8 ^B	213.5 ^E	82.3 ^E	400.4 ^E	F	2,054.9 ^B
Third quarter 2008	7,597.9^E	2,791.1^B	7,535.3^E	254.5^E	58.0^E	432.0^B	F	2,104.6^B

Table 8-1
Activity type for trucks weighing 4.5 tonnes or more for provinces only — Number of vehicles in scope by type of vehicle

	Activity type				
	Total	For-hire	Owner-operator	Private	Other
	number				
Trucks 4.5 tonnes to 14.9 tonnes					
Fourth quarter 2007	406,371 A	48,797 D	61,469 C	205,147 B	90,958 C
First quarter 2008	374,417 A	39,563 D	65,420 C	204,775 B	64,660 C
Second quarter 2008	413,458 A	55,262 C	54,206 C	237,057 B	66,933 C
Third quarter 2008	429,036 A	51,663 D	87,617 C	222,816 B	66,940 C
Trucks 15 tonnes and over					
Fourth quarter 2007	315,773 A	135,752 B	74,508 C	71,103 C	34,410 D
First quarter 2008	304,736 A	123,518 B	77,837 C	68,247 C	35,135 D
Second quarter 2008	324,062 A	164,531 B	80,673 C	60,037 C	18,820 E
Third quarter 2008	340,492 A	156,582 B	81,004 C	70,294 C	32,612 D

Table 8-2
Activity type for trucks weighing 4.5 tonnes or more for provinces only — Vehicle-kilometres and passenger-kilometres for trucks 4.5 tonnes to 14.9 tonnes

	Activity type				
	Total	For-hire	Owner-operator	Private	Other
	millions				
Vehicle-kilometres					
Fourth quarter 2007	1,912.6 B	375.3 E	F	872.4 D	417.3 E
First quarter 2008	1,941.3 B	284.6 E	367.4 E	1,010.6 C	278.7 E
Second quarter 2008	2,205.3 B	330.0 E	335.0 E	1,314.2 B	226.0 E
Third quarter 2008	2,180.9 B	507.5 E	420.4 E	980.8 C	272.1 E
Passenger-kilometres					
Fourth quarter 2007	2,552.0 B	484.3 E	F	1,138.8 D	586.0 E
First quarter 2008	2,653.6 B	426.3 E	544.0 E	1,254.6 D	428.8 E
Second quarter 2008	3,040.1 B	402.5 E	462.5 E	1,899.6 C	275.5 E
Third quarter 2008	2,793.3 B	586.4 E	574.2 E	1,231.5 C	401.3 E

Table 8-3
Activity type for trucks weighing 4.5 tonnes or more for provinces only — Vehicle-kilometres and passenger-kilometres for trucks 15 tonnes or more

	Activity type				
	Total	For-hire	Owner-operator	Private	Other
	millions				
Vehicle-kilometres					
Fourth quarter 2007	6,221.6 B	3,634.5 E	1,408.1 D	745.2 D	F
First quarter 2008	5,485.9 B	3,288.4 B	1,281.6 D	576.7 E	F
Second quarter 2008	5,847.7 B	3,553.5 B	1,437.8 C	632.5 E	F
Third quarter 2008	5,965.1 B	3,396.5 B	1,586.4 C	692.8 E	F
Passenger-kilometres					
Fourth quarter 2007	6,699.1 B	3,941.1 E	1,521.9 D	789.4 D	F
First quarter 2008	5,812.8 B	3,421.6 B	1,408.4 D	612.5 E	F
Second quarter 2008	6,491.9 B	3,943.8 C	1,667.9 D	646.0 E	F
Third quarter 2008	6,540.7 B	3,701.1 C	1,825.2 D	720.8 E	F

Table 9-1

Trip type for trucks weighing 4.5 tonnes or more for provinces only — Vehicle-kilometres and passenger-kilometres for trucks 4.5 tonnes to 14.9 tonnes

	Trip type				
	Total	Within province	Between provinces	Across CAN-US border	Outside Canada
	millions				
Vehicle-kilometres					
Fourth quarter 2007	1,912.6 ^B	1,907.5 ^C	F	F	F
First quarter 2008	1,941.3 ^B	1,846.0 ^B	95.3 ^E	F	F
Second quarter 2008	2,205.3 ^B	2,192.3 ^B	F	F	F
Third quarter 2008	2,180.9^B	2,029.0^B	95.6^E	F	F
Passenger-kilometres					
Fourth quarter 2007	2,552.0 ^B	2,546.9 ^C	F	F	F
First quarter 2008	2,653.6 ^B	2,549.4 ^B	104.2 ^E	F	F
Second quarter 2008	3,040.1 ^B	3,013.9 ^B	F	F	F
Third quarter 2008	2,793.3^B	2,574.5^B	162.6^E	F	F

Table 9-2

Trip type for trucks weighing 4.5 tonnes or more for provinces only — Vehicle-kilometres and passenger-kilometres for trucks 15 tonnes or more

	Trip type				
	Total	Within province	Between provinces	Across CAN-US border	Outside Canada
	millions				
Vehicle-kilometres					
Fourth quarter 2007	6,221.6 ^B	3,673.6 ^B	881.1 ^C	1,054.6 ^E	612.3 ^E
First quarter 2008	5,485.9 ^B	2,936.0 ^B	890.9 ^B	1,376.2 ^C	282.8 ^D
Second quarter 2008	5,847.7 ^B	3,529.4 ^B	1,173.1 ^B	747.0 ^C	398.3 ^D
Third quarter 2008	5,965.1^B	3,757.3^B	916.5^B	928.7^C	362.5^D
Passenger-kilometres					
Fourth quarter 2007	6,699.1 ^B	3,941.6 ^B	992.3 ^C	1,061.7 ^E	703.5 ^E
First quarter 2008	5,812.8 ^B	3,145.8 ^B	968.3 ^B	1,415.8 ^C	282.8 ^D
Second quarter 2008	6,491.9 ^B	3,915.8 ^B	1,430.9 ^C	747.0 ^C	398.3 ^D
Third quarter 2008	6,540.7^B	4,169.8^B	1,013.8^C	939.6^C	417.6^D

Concepts and definitions

The population of interest

The **in-scope vehicles** for the CVS include all motor vehicles, except buses (buses were included in the survey prior to 2004), motorcycles, off road vehicles (for example, snowmobiles, dune buggies, amphibious vehicles) and special equipment (for example, cranes, street cleaners, snowplows and backhoes), registered in Canada anytime during the survey reference period, that have not been scrapped or salvaged.

The **population of interest** consists of vehicle-days, composed from the in-scope vehicles and the days within the survey reference period.

Definitions of variables in tables

Vehicle-kilometres is the distance traveled by vehicles on roads.

Passenger-kilometres is the sum of the distances traveled by individual passengers (the driver being considered as one of the passengers). For example, for a vehicle with three passengers (the driver being one of them) that is driven on a distance of 10 kilometres, the number of passenger-kilometres will be 30. Light vehicles (see the Vehicle type definition below) report the number of passengers for each trip (see the Trip definition below). The number of passengers in heavy vehicles with gross vehicle weight of 4.5 tonnes or more (see the Vehicle type definition below) is calculated as the average of the number of passengers at the beginning of each trip and the number of passengers at the end of each trip (see the Trip definition below).

Fuel consumed is the amount of fuel used to operate vehicles. This variable is derived for each vehicle using the reported fuel purchases and distance driven.

The number of vehicles on the registration lists is the average number of the registered vehicles in the registration lists at the beginning and at the end of the reference period.

The number of vehicles in scope is an estimate of the average number of vehicles registered during the quarter based on the lists from jurisdictions and the survey responses. This number slightly differs from the previous one because we incorporate into it all our findings from the survey. Note that this number includes vehicles used and not used on the roads during the reference period.

Definitions of vehicle characteristics

Vehicle type is the weight classification created for the CVS, based on the information available on the vehicle registration lists. The vehicles are divided into three weight types: **light vehicles** with gross vehicle weights below 4.5 tonnes, **heavy vehicles** with gross vehicle weights of 4.5 tonnes or more and less than 15 tonnes, and **heavy vehicles** with gross vehicle weights of 15 tonnes or more.

The respondent determines **vehicle body type**. The respondent is asked to choose among: car, station wagon, van, sport utility vehicle, pick-up, straight truck, truck-tractor, and other. Missing or unusual responses are verified against registration lists, if possible.

Fuel type is based on the information provided by the respondent or from the registration lists. All vehicles are divided into three classes: vehicles powered by gasoline, vehicles powered by diesel fuel and vehicles powered by other energy sources.

Vehicle model year is derived based on the information available on the registration lists.

Definitions of vehicle usage characteristics

The CVS definition of a **trip** determines the trip characteristics. The definition of what delimits a trip depends on the **vehicle type**:

A new trip is reported for **light vehicles** if any of the following events happen:

- the driver gets in the car
- a passenger gets in or out of the car

A new trip is reported for **heavy vehicles weighing 4.5 tonnes or more** if any of the following events happen:

- a stop of more than 30 minutes
- a change of driver
- a change of purpose or use
- a change in the truck configuration
- a change in the status of the load from loaded to unloaded or the reverse

For each trip, the respondent provides the following information:

- Beginning and end times and dates of the trip that are used to determine the **time of day** and **day of week** the trip takes place.
- **Driver age group** and **driver sex**.
- **Trip origin and destination** for light vehicles.
- **Trip purpose** for heavy vehicles, as determined by the respondent. If there were several purposes for the trip, the respondent is asked to indicate the main purpose of the trip. Multiple trip purposes are not allowed.
- If **dangerous goods** (as defined by the Transportation of Dangerous Goods Act) are carried by heavy vehicles.
- **Number of kilometres** traveled on roads with posted speed limit of 80 km/h or more.
- **Age group** (Under 5 years, 5 to 14, 15 to 19, 20 to 34, 35 to 54, 55 to 64, 65 to 74, 75 to 84, 85 years and over) of passengers and the number of passengers within each group, to calculate passenger-kms. Passenger age information is collected only for light vehicles (see "Data quality, concepts and methodology — Concepts and definitions"). We collect the total number of passengers only for heavy vehicles.
- **Truck configuration** for heavy vehicles.
- Total cost, unit cost and quantity of **fuel purchased**.

Methodology

The CVS has been designed as a quarterly survey. The survey design also allows the calculation of annual estimates based on the data collected during the four quarters.

Survey design

Survey population

The survey population of vehicles was derived from the 13 jurisdiction vehicle registration lists (ten Provincial and three Territorial Governments) created three months before the reference period. The sample of vehicles for this quarter was drawn from lists of motor vehicles with valid registrations in any province or territory. Buses, motorcycles, off-road vehicles (e.g., snowmobiles, dune buggies, amphibious vehicles) and special equipment (e.g., cranes, street cleaners, snowplows and backhoes) are excluded from the survey. This population differs from the population of interest of vehicles; e.g., vehicles that were registered after the sample was selected are not included.

The thirteen incoming lists underwent a thorough preparation procedure:

- First, out-of-scope vehicles are removed (buses, trailers, motorcycles, construction equipment, parade vehicles, motor homes, etc.) from each list.
- Second, vehicles with expired registrations are removed from each list.
- Then, records with duplicate Vehicle Identification Numbers (VIN) within each list are removed leaving only the record that had been updated most recently.
- Last, records in each file with irregular data are verified.

Sample design

The CVS uses a two-stage sample design. At the first-stage, a sample of vehicles is selected, while at the second stage, a sample of consecutive days within the quarter is selected.

To select the first-stage sample, all vehicles from the survey population were first stratified (grouped) into 78 strata. The vehicles were stratified into three vehicle types (see appendix I) and 13 jurisdictions (ten provinces and three territories). Then, in order to improve the precision of the estimates, the vehicles were further divided into two vehicle-age strata of newer and older vehicles.

Next, the vehicles were sorted within each stratum, using the first three characters of the postal code of the owner's address. Then, a systematic sample of vehicles (first stage sample) was selected from the survey population. Systematic sampling was used to spread the sample over all regions and to avoid heavy burden on owners of multiple vehicles. To minimize respondent burden, no vehicle is selected more than once during any consecutive four quarters for provinces and two consecutive quarters for territories.

In the second stage, a first reporting day within the quarter was randomly assigned to each vehicle selected in the first stage. Within each stratum, the first reporting day was evenly spread over the quarter to ensure a uniform number of responses over time and for each day of the week. This step was not applied to the vehicles registered in the three territories since only odometer readings are collected (see "Survey overview").

Estimation

Since the sample was selected in two stages, the sampling weight (see appendix I) was also calculated in two steps. The first-stage sampling weight was calculated for each vehicle in the first-stage sample. Then the second-stage sampling weight was calculated for each vehicle-day selected from all days within the reference period. Finally, these two weights were multiplied together to obtain the final weight for a vehicle-day. The weighted values are obtained by multiplying the final weights and the collected values. They were aggregated to produce the estimates.

Sample size

A total of 5,371 vehicles out of 19,898,464 from the survey population were drawn for the ten provinces. Another 2,962 vehicles out of 54,750 were included in the sample for the three territories.

Data collection and processing

Data Collection

The data collection for the vehicles sampled in the ten provinces is different from the one for the vehicles sampled in the territories.

Provincial collection

The registered owners of the sampled vehicles were telephoned and interviewed (Computer Assisted Telephone Interview, or CATI). During the CATI, the following information is collected about each sampled vehicle: vehicle type, fuel type used, distance driven the previous week, some information about anticipated vehicle usage during the following six weeks, current odometer reading, some vehicle maintenance questions and some questions on the household characteristics. Then the respondent was asked to complete a trip log. If the respondent agreed, personal information, such as name and address, were obtained in order to mail out the trip log for the vehicle.

The log type depended on the type of vehicle. There were two types of logs: a light vehicle log and a heavy vehicle log.

Respondents receiving a light vehicle log were requested to record information for 20 consecutive trips made in the selected vehicle, beginning on the assigned first reporting day. Respondents receiving a heavy vehicle log were requested to record information for all the trips made in the selected vehicle over the assigned seven-day period.

The collected data included information about each trip:

- Start and stop dates and times
- Start and stop odometer readings
- origin and destination (light vehicle log) or trip purpose (heavy vehicle log)
- number and age group of passengers (light vehicle log) or number of passengers at the start and end of the trip (heavy vehicle log)
- sex and age group of the driver
- fuel purchases
- distance traveled on roads with posted speed limit of 80km/h or more
- truck configuration (heavy vehicle log only)
- dangerous goods (heavy vehicle log only)

Starting in 2004, the respondents were also asked to continue to record their fuel purchases until they reported two fill-ups or five fuel purchases or until the 28-day reporting period is over.

If the respondent could not be contacted by phone, a trip log with a short additional questionnaire (to collect some of the information normally collected during the CATI) was mailed out.

To increase the number of responses, respondents were contacted a second time, either by phone or by mail. On the first or second day of the log, an attempt was made to phone each vehicle owner, who agreed during the CATI to fill out the log, to answer any questions the respondent might have. Later, an attempt was made to contact by phone or mail everyone who did not return logs. (Some companies with large vehicle fleets have special arrangements to lower their response burden. There is no follow-up done with these companies.)

Territorial collection

The registered owners of the selected vehicles were mailed questionnaires and asked to provide two odometer readings, one at the beginning of the quarter and another at the beginning of the next quarter. Information was also collected on the vehicle status (owned, sold, scrapped), body style (car, SUV, pick-up, etc.) and type of fuel used.

Edit and Imputation

Once all necessary information for the survey was collected, a series of verifications took place to ensure that the records were consistent and that collection and capture of the data did not introduce errors. Reported data were examined for completeness and consistency using automated edits coupled with manual review. Outliers, i.e., respondents reporting extremely large values, were processed manually.

Missing values and data found in error were imputed by another automated system. The system imputed the data using different imputation rules depending on the vehicle, available information and the type of data to be imputed. For example, the data can be imputed based on other responses for the same vehicle or by using data from a similar vehicle. The imputed data were then again examined for completeness and consistency.

A complete description of the procedures applied to the survey data is available upon request from the Transportation Division of Statistics Canada.

Estimation

Since the survey population differs from the population of interest, several corrections were done to assure that the estimates correspond (as closely as possible) to the population of interest. The sampling weights derived from the sample design were adjusted and improved using updated registration lists. This was possible because, during the passage of time since the sample was selected, new sets of prepared vehicle lists were obtained for the beginning and for the end of the reference quarter. To improve the estimates for the vehicles registered in the ten provinces, all the days were further stratified into working days and holidays (or non-working days, including weekends). Second stage sampling weights were adjusted so that every day of vehicle activity within the same stratum contributed with equal weight to the total estimate. The final set of weights reflected as closely as possible the characteristics of the vehicle population during the reference period.

The following estimates of totals are available:

- vehicle counts by jurisdiction and vehicle type;
- vehicle-kilometres by jurisdiction and vehicle type;
- passenger-kilometres by province and vehicle type;
- fuel consumed, by vehicle type and fuel type;

- cross tabulations of vehicle-kilometers and passenger-kilometers by a number of variables (described in "Data quality, concepts and methodology — Concepts and definitions"), such as body type, driver characteristics, time of day, day of week, etc.

Data quality

This section describes factors that affect the data quality and why they should be considered when using the CVS estimates.

Sources of errors

While considerable effort is put forth to ensure that a high standard is maintained throughout all survey operations, the resulting estimates are inevitably subject to a certain degree of error. The total survey error is defined as the difference between the survey estimate and the true value for the population, at which the survey estimate aims. The total survey error consists of two types of errors: sampling and non-sampling errors.

Sampling error

When a sample is selected from a population, estimates based on the sample data may not be exactly the same as what would be obtained from a census of that population. The two results will likely differ since only data for sampled units are used. In the case of a census, there is no sampling error.

The difference between the estimates from a sample survey and a census conducted under the same conditions is referred to as the sampling error of a survey estimate. Factors such as the sample size, the sample design, the variability of the population characteristic under study and the estimation method affect the sampling error. If the population is very heterogeneous like the population of registered motor vehicles, a large sample size is needed to obtain reliable estimates.

The sampling error is measured by a statistical quantity called the standard error. This quantity reflects the expected variability of the survey estimate of a particular population characteristic if repeated sampling is carried out. The true value of the standard error is, of course, not known but can be estimated from the sample. The estimated standard error is used, in this publication, in terms of a relative measure called the coefficient of variation (or CV). This measure is simply the estimated standard error expressed as a percentage of the value of the survey estimate. Therefore, a smaller CV indicates better reliability of the estimate.

Non-sampling errors

The sampling error is only one component of the total survey error. All other errors arising from all phases of a survey are called non-sampling errors. As the sample size becomes closer to the population size, the sampling error component of the total survey error is expected to decrease. However, this is not necessarily true for the nonsampling error component. For example, this type of error can arise when a respondent provides incorrect information or does not answer certain questions, when a unit in the population of interest is omitted or covered more than once, when a unit that is out-of-scope for the survey is included by mistake or when errors occur in data processing, such as coding and capture errors.

Some non-sampling errors will cancel over a large number of observations, but systematically occurring errors (i.e. those that do not tend to cancel) will contribute to a bias in the estimates. For example, in the case of the CVS, if individuals that use their vehicles more than an average person consistently tend not to respond to the survey, then the resulting estimate of the total vehicle-kilometres will be below the true population total. Any such biases are not reflected in the estimates of standard error.

The non-sampling error as a whole is only one part of the total survey error but its contribution may be important. To minimize the effect of this type of error, a quality assurance program is carried out for each survey. For instance, follow-ups of nonrespondents can be conducted to obtain information from the total nonrespondents or to complete partially unanswered questionnaires for questions that are deemed essential. Various quality assurance procedures can be exercised at the data capture step. The data editing procedures can identify some inconsistencies in the data structure and the imputation procedures can then correct the identified inconsistencies.

In general, non-sampling errors are difficult to quantify. Special studies must be conducted to estimate them. However, certain measures such as response and imputation rates are easily obtained and can be used as indicators of the non-sampling errors. Different types of non-sampling errors are discussed below.

Coverage errors

Coverage errors arise when the survey population does not adequately cover the population of interest. As a result, certain units belonging to the population of interest are either excluded (undercoverage), or counted more than once (overcoverage). In addition, out of scope units may be present in the survey population (overcoverage).

The following sources of coverage errors for the CVS were observed:

- Errors in the classification variables of the survey may result in either under- or overcoverage of the registered vehicles.
- The sample is drawn from the list created three months prior to the beginning of the reference period. Thus the vehicles registered after the list was created and before the end of the reference period cannot be drawn into the sample.
- A vehicle list from any jurisdiction that was not created on time or did not arrive at all results in even larger undercoverage since an older list has to be used for sampling.
- A vehicle list created early causes overcoverage.
- A vehicle that has been scrapped or salvaged and remained on the list causes overcoverage.
- The survey population (see "Data quality, concepts and methodology — Methodology") can contain vehicles with the same Vehicle Identification Number (VIN), for example, when a vehicle is on the registration file of more than one jurisdiction. Since every vehicle has a unique VIN, this is likely to cause some overcoverage and consequently overestimation.
- A vehicle that was registered and subsequently unregistered between two consecutive registration lists causes undercoverage.

Thus the CVS is subject to some degree of under and over coverage. The estimation procedure is designed to compensate for the part of the under- and over coverage that has been determined.

Since we assume that the respondent is right (unless we have hard evidence to the contrary), the corrections at the estimation stage are mostly based on the respondent statements.

Response errors

Response errors occur when a respondent provides incorrect information due to a misinterpretation of the survey questions or due to a lack of correct information, or when a respondent is reluctant to disclose the correct information. Large response errors are likely to be caught during editing. However, others may simply go through undetected.

Few response errors were discovered during editing of the data.

Nonresponse errors

Nonresponse errors can occur when a respondent does not respond at all (total nonresponse) or responds only to some questions (partial nonresponse). These errors can have a serious effect if the nonrespondents are systematically different in survey characteristics from the respondents and/or the nonresponse rate is high. See the response rate tables in "Data quality, concepts and methodology — Data quality".

Processing errors

Apart from coverage, response and nonresponse errors described above, errors that occur during the processing of the data constitute another component of the non-sampling error. Processing errors can arise in data capture, coding, transcription, editing, imputation, outlier detection and treatment, and other types of data handling.

A coding error occurs when a field is coded erroneously because of a misinterpretation of the coding procedures or a bad judgment. A data capture error occurs when the data are misinterpreted or keyed incorrectly. For example, an odometer reading of 53467 could be keyed as 54367.

Once data are coded and captured, they are subject to editing and imputation of missing or erroneous values. The quality of the data used in the estimation depends on the amount of imputation and the difference between the imputed and the true, but unknown, values. The imputation system could result in bias of the estimates. This can happen due to wrong assumptions or due to inability to impute. For example, in the CVS, it is impossible to detect, for vehicles that travel only a small distance during the reported period, fuel purchases that are missing or entered in error.

Measuring quality

This section presents some indicators of the data quality of the CVS estimates.

Response rates

The response rate is a function of the number of vehicles that responded to the survey. This rate is defined as the number of vehicles for which respondents gave complete or partial (vehicle-kilometers only) answers to the survey divided by the total number of in-sample vehicles.

Table A
Vehicle response rates by province and vehicle type

	Light vehicles	Heavy vehicles 4.5 tonnes to 14.9 tonnes	Heavy vehicles 15 tonnes or more
	percent		
Newfoundland and Labrador	57	54	67
Prince Edward Island	64	61	62
Nova Scotia	54	67	68
New Brunswick	55	70	69
Quebec	63	68	73
Ontario	57	66	65
Manitoba	68	73	72
Saskatchewan	58	57	61
Alberta	56	53	49
British Columbia	53	63	64

Table B
Vehicle response rates by territory

	Yukon	Northwest Territories	Nunavut
	percent		
All vehicles	17	16	9

The low level of response may lead to biased results if the characteristics of interest of the nonrespondents are different than those of the respondents.

Relative imputation rates

The relative imputation rate is defined as the proportion of the corresponding published estimate that is accounted for by imputed data. For example, if the total published estimate is 25 million, composed of 20 million from nonimputed data and 5 million from imputed data, then the relative imputation rate is .2 (5 million divided by 25 million) or 20%. The lower the relative imputation rates are, the more reliable the published estimates are.

The relative imputation rates were calculated for each of the estimates and used to establish a quality indicator for each estimate. The relative imputation rates for estimates could be obtained from the Transportation Division of Statistics Canada upon request.

Coefficient of variation

As a measure of the sampling error of the estimates, the estimated coefficients of variation (CV) were calculated. CV's for estimates may be obtained from the Transportation Division of Statistics Canada upon request. Note that the calculated CV estimates take into account the variability due to sampling and the variability due to non-response and imputation.

Quality indicator

To assist the user in evaluating the potential effect of nonresponse, imputation and sampling error, an all-embracing quality indicator accompanies every estimate. The quality indicator is a function of the CV, which takes into account the variability due to sampling and the variability due to non-response and imputation.

Letter and significance	Coefficient of variation
A Excellent	Less than 5%
B Very good	5% to 9.9%
C Good	10% to 14.9%
D Acceptable	15% to 19.9%
E Use with caution	20% to 34.9%
F too unreliable to be published	35% or more

The quality of counts (direct from registration lists) not accompanied by a quality symbol is good or better.

Notes for historical comparison

Recent updates to the vehicle registration files have now been incorporated into the Canadian Vehicle Survey counts and estimates for British Columbia. The revisions affect the last three quarters of 2003, all quarters in 2004 and 2005, and the first three quarters of 2006. On average, estimated vehicle kilometres have been revised upward by 0.8% for the affected quarters in 2003, 2.3% for 2004, 6.7 % for 2005, and 10.0% for the three quarters of 2006. Note that

these revisions, in turn, affect the national estimates for the same periods, although the magnitude is much smaller – 0.2% in 2003, 0.4% in 2004, 0.7% in 2005, and 0.9% in 2006.

Revisions were also made in order to treat holidays consistently across the reference periods. This affected most variables for the four quarters of 2004. Impacts of the revisions vary depending on the variable, but are generally greatest for tables dealing with the day of week or time of day.

The low response rate in British Columbia in the second quarter of 2006 resulted from a disruption in the normal process of contacting respondents. As a result of this low response rate, all estimates for trucks weighing 15.0 tonnes or more in British Columbia for this quarter should be used with caution. The estimates for trucks weighing 4.5 to 14.9 tonnes were also affected, but to a lesser extent.

Beginning with Quarter 1, 2004, the following changes were made and may affect comparability with previous quarters:

- Buses are excluded from the survey
- Rather than estimates of the quantity of fuel purchased, the survey now produces estimates of the quantity of fuel consumed.
- The light vehicle log is based on 20 trips rather than reporting all trips for 7 days. Depending on vehicle usage, some respondents will report more than 7 days worth of trips while others will report less than 7 days.
- The definition of a trip for light vehicles has changed so that a new trip is now reported every time a driver gets in the vehicle or a passenger gets in or out of the vehicle. This change will mean that what was previously reported as one trip could now be reported as two, three or even more trips if there is a change in driver and/or multiple passengers are picked up or dropped off at different locations. This new definition will produce more accurate estimates of passenger-kilometres for light vehicles.

Beginning with Quarter 2, 2003, vehicles that were insured but not registered were removed from the registration lists for Manitoba. As a result, some estimates for Manitoba may be lower than the estimates from previous quarters.

Beginning with Quarter 4, 2001, vehicles that were registered but did not have license plates were removed from the registration lists for Quebec. As a result, some estimates for Quebec may be lower than the estimates from previous quarters.

Beginning with Quarter 1, 2001, the following changes were made and may affect comparability with previous quarters:

- Prior to this quarter, duplicate records found within the same list and duplicate records found in more than one list were removed. Starting in this quarter, duplicate records were removed from within each list only. This change may cause some overcoverage and, consequently, overestimation.
- Type of fuel used and body type are collected for the territories. Consequently, the four tables (3-3, 3-4, 4-3, 4-4) now include the territories.
- The heavy vehicle logs were changed in 2001 in order to collect passenger information for heavy vehicles. This change means that passenger-kilometres are now estimated for all vehicles, except urban transit buses, for all the provinces (but not for territories).
- The heavy vehicle logs were also changed in 2001 in order to collect distance traveled on roads with posted speeds of 80 kilometres per hour or more. This change means that this information is now estimated for all vehicle types in all provinces (but not for the territories).

The following change was made in the third quarter of 2000 and may affect comparability with previous quarterly results:

- Owners of buses and heavy vehicles registered in the territories are now sent two short questionnaires to record odometer readings at the start and end of the quarter. This process was always used for light vehicles in the territories and replaces the previous method of sending only one questionnaire at the end of the quarter and requesting that bus and heavy vehicle owners rely on maintenance records to provide odometer readings for the start of the quarter.

The following changes were made in the first quarter of 2000 to improve the quality of the survey by diminishing non-sampling errors.

The changes that affect comparability with 1999 results:

- The trip purpose choices (for all vehicle types) were changed. The purpose is now based on the destination of the trip. Thus the results from 2000 and 1999 are not comparable for this item.
- Passenger-kilometers were not collected for heavy vehicles in 2000.

The changes that may affect comparability with the 1999 results:

- A new log was developed for survey year 2000 for all heavy vehicles. In 1999 heavy vehicles with gross vehicle weights of 4.5 tonnes or more and less than 15 tonnes had a different log than heavy vehicles with gross vehicle weights of 15 tonnes or more.
- The fuel purchased question was attached to each trip for the 2000 survey year for heavy vehicles. Previously it was recorded separately from the trips.

Appendix I

Glossary

Population of interest: the collection of all units (for example, vehicle-days) for which the information is required.

Survey population: the collection of all units (for example, vehicle-days) for which the information can be realistically provided to the survey. The survey population may differ from the population of interest due to the operational difficulty of identifying all the units that belong to the population of interest. A list of all units in the survey population with their classification information (for example, geographical, vehicle characteristics, date) is used for sample design, selection and estimation.

Stratification: a non-overlapping partition of the survey population into relatively homogeneous groups with respect to certain characteristics such as geographical classification, size, etc. These groups are called strata and are used for sample allocation and selection.

Sampling weight: a raising factor is attached to each sampled unit (vehicle-day) to obtain estimates for the population from a sample. The basic concept of the sampling weight can be explained by using the representation rate. For example, if 2 units are selected out of 10 population units at random, then each selected unit represents 5 units in the population including itself, and is given the sampling weight of 5. A survey with a complex sample design like CVS requires a more complicated way of calculating the sampling weight. However, the sampling weight is still equal to the number of units in the registration lists the sampled unit represents.

Editing: the application of checks that identify missing, invalid or inconsistent entries or that point to data records that are potentially in error. Some of these checks involve logical relationships that follow directly from the concepts and definitions. Others are more empirical in nature or are obtained as a result of the application of statistical tests or procedures.

Imputation: the process used to resolve problems of missing, invalid or inconsistent responses identified during editing. This is done by changing some of the responses or missing values on the record being edited to ensure that a plausible, internally coherent record is created. Some problems are eliminated earlier through contact with the respondent or through manual study of the questionnaire. It is generally impossible to resolve all problems at these early stages due to concerns of response burden, cost and timeliness. Imputation is then used to handle remaining edit failures, since it is desirable to produce a complete and consistent file containing imputed data. Although, imputation can improve the quality of the final data by correcting for missing, invalid or inconsistent responses, some methods of imputation do not preserve the relationships between variables or can actually distort underlying distributions.