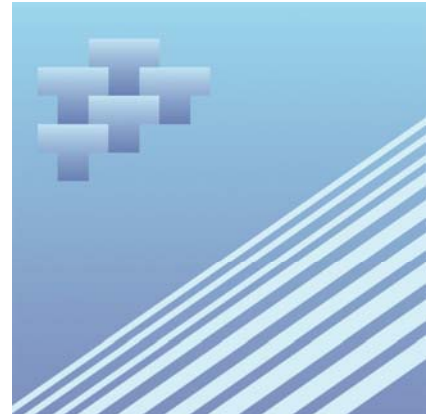




Catalogue no. 53F0004X

Canadian Vehicle Survey: Quarterly

January to March 2007



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Statistics Canada
Transportation Division

Canadian Vehicle Survey: Quarterly

January to March 2007

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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

- Vehicles registered in Canada traveled an estimated 75.1 billion kilometres in the first quarter of 2007. This represented an increase of 5.6% over the same quarter of 2006. It is also the highest total for the first quarter ever recorded by the survey.
- Light vehicles (weighing less than 4 500 kilograms) were driven an average of 3,621 kilometres for all of Canada. Among the provinces, drivers in Nova Scotia were the busiest, logging an average of 4,404 kilometres per vehicle, while drivers in Newfoundland and Labrador drove the least with an average of 3,314 kilometres per vehicle.
- The average kilometres driven for vehicles weighing at least 15 tonnes was 18,772. Trucks from the Yukon drove the most, with an average of 31,377 kilometres. Among the provinces, trucks from Manitoba were busiest, with an average of 29,929 kilometres
- As has generally been the case, Monday was the busiest driving day for light vehicles, followed closely by Tuesday. Sunday is the slowest driving day of the week. For the heaviest vehicles on the road (weighing 15 tonnes or more), Wednesday was the busiest day of the week. As with light vehicles, Sunday is also the slowest day of the week for these vehicles.

Introduction

Road vehicles dominate passenger travel and freight traffic. However, prior to the Canadian Vehicle Survey (CVS), no measures of total vehicle-kilometres or passenger-kilometres were available. The CVS was developed at the request of Transport Canada to fill this data gap. The survey provides quarterly and annual estimates of the amount of road travel, broken down by types of vehicles and characteristics, such as age and sex of driver, time of day and season. The results are the prime source of road vehicle use information for researchers and interested members of the public.

Prior to 2004, the survey was sponsored by Transport Canada. Since then, the survey has been co-sponsored by Transport Canada and Natural Resources Canada. They plan to combine the survey data with other data to improve road safety, monitor fuel consumption and deal with the impact of vehicle usage on the environment.

This document describes concepts, employed methods and discusses data quality. The reference period for all the information presented in this document is the first quarter of 2007.

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
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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				
Second quarter 2006	19,355,425	18,604,304	437,622	313,499
Third quarter 2006	19,731,618	18,934,964	466,715	329,939
Fourth quarter 2006	19,749,870	18,972,357	451,293	326,220
First quarter 2007	19,572,370	18,830,363	429,280	312,727
Newfoundland and Labrador				
Second quarter 2006	259,886	252,632	4,050	3,204
Third quarter 2006	265,206	257,396	4,157	3,653
Fourth quarter 2006	272,361	265,025	4,145	3,191
First quarter 2007	270,108	263,259	4,069	2,780
Prince Edward Island				
Second quarter 2006	80,451	76,220	1,508	2,723
Third quarter 2006	82,222	77,685	1,619	2,918
Fourth quarter 2006	81,815	77,425	1,532	2,858
First quarter 2007	80,347	76,295	1,398	2,654
Nova Scotia				
Second quarter 2006	561,102	543,699	9,226	8,177
Third quarter 2006	537,319	520,527	8,949	7,843
Fourth quarter 2006	515,814	501,201	7,676	6,937
First quarter 2007	543,056	528,085	7,787	7,184
New Brunswick				
Second quarter 2006	470,126	458,153	7,642	4,331
Third quarter 2006	478,935	465,562	8,193	5,180
Fourth quarter 2006	476,342	463,839	8,014	4,489
First quarter 2007	471,259	460,458	7,237	3,564
Quebec				
Second quarter 2006	4,394,358	4,299,783	56,106	38,469
Third quarter 2006	4,538,544	4,433,027	64,149	41,368
Fourth quarter 2006	4,570,414	4,467,912	61,480	41,022
First quarter 2007	4,455,120	4,365,978	53,076	36,066
Ontario				
Second quarter 2006	7,091,163	6,881,102	93,697	116,364
Third quarter 2006	7,168,756	6,951,290	96,781	120,685
Fourth quarter 2006	7,201,862	6,986,980	95,486	119,396
First quarter 2007	7,182,005	6,972,097	94,113	115,795
Manitoba				
Second quarter 2006	656,401	629,574	10,610	16,217
Third quarter 2006	672,031	644,103	11,058	16,870
Fourth quarter 2006	663,521	635,899	10,897	16,725
First quarter 2007	654,390	627,195	10,663	16,532
Saskatchewan				
Second quarter 2006	728,707	665,064	37,583	26,060
Third quarter 2006	747,250	677,148	42,033	28,069
Fourth quarter 2006	730,024	666,443	36,937	26,644
First quarter 2007	715,312	658,079	32,224	25,009
Alberta				
Second quarter 2006	2,507,460	2,315,400	112,862	79,198
Third quarter 2006	2,576,348	2,372,834	119,984	83,530
Fourth quarter 2006	2,593,618	2,394,318	114,453	84,847
First quarter 2007	2,583,557	2,392,499	107,568	83,490
British Columbia				
Second quarter 2006	2,553,216	2,434,982	101,880	16,354
Third quarter 2006	2,610,025	2,485,613	106,987	17,425
Fourth quarter 2006	2,588,731	2,463,263	107,874	17,594
First quarter 2007	2,563,463	2,437,901	108,547	17,015
Yukon Territory				
Second quarter 2006	27,466	24,640	1,597	1,229
Third quarter 2006	28,846	25,695	1,829	1,322
Fourth quarter 2006	28,493	25,434	1,767	1,292
First quarter 2007	27,657	24,763	1,616	1,278
Northwest Territories				
Second quarter 2006	21,715	19,992	680	1,043
Third quarter 2006	22,465	20,825	732	908
Fourth quarter 2006	23,014	21,223	755	1,036
First quarter 2007	22,607	20,632	755	1,220
Nunavut				
Second quarter 2006	3,374	3,063	181	130
Third quarter 2006	3,671	3,259	244	168
Fourth quarter 2006	3,861	3,395	277	189
First quarter 2007	3,489	3,122	227	140

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 2007	263,256	76,296	528,086	460,456	4,365,976	6,972,092	627,194
Earlier than 1989							
First quarter 2007	7,457	3,925	23,378	17,281	121,271	284,627	41,965
1989							
First quarter 2007	2,696	1,269	6,492	6,140	47,412	76,606	10,838
1990							
First quarter 2007	2,885	1,575	8,024	7,637	65,985	109,705	13,998
1991							
First quarter 2007	3,528	1,757	9,506	9,512	89,459	127,448	17,211
1992							
First quarter 2007	4,831	2,707	13,249	13,568	129,835	182,808	21,461
1993							
First quarter 2007	6,687	3,205	15,766	14,959	140,102	198,337	21,449
1994							
First quarter 2007	9,226	3,811	19,809	18,700	159,222	247,017	23,660
1995							
First quarter 2007	11,038	4,429	23,226	21,718	186,426	293,307	27,538
1996							
First quarter 2007	9,856	4,168	22,111	20,093	166,050	279,151	25,955
1997							
First quarter 2007	14,254	5,389	29,607	26,087	218,361	378,827	36,133
1998							
First quarter 2007	16,983	5,725	34,069	30,004	246,211	436,002	39,282
1999							
First quarter 2007	17,203	5,372	33,010	28,489	245,570	429,069	35,273
2000							
First quarter 2007	20,323	6,426	40,039	35,151	307,943	538,046	41,172
2001							
First quarter 2007	18,235	4,981	34,574	29,668	294,684	485,652	39,786
2002							
First quarter 2007	21,033	5,844	42,465	35,450	348,242	558,179	47,246
2003							
First quarter 2007	23,745	4,918	41,207	35,411	376,993	570,610	47,104
2004							
First quarter 2007	20,864	3,462	36,221	31,080	347,069	485,853	40,835
2005							
First quarter 2007	24,077	3,497	42,245	35,520	391,665	551,055	45,088
2006							
First quarter 2007	21,042	2,847	37,450	31,129	338,451	520,835	37,827
2007							
First quarter 2007	7,250	985	15,525	12,804	144,247	217,882	13,306
2008							
First quarter 2007	24	4	112	50	484	1,075	67
Year unknown							
First quarter 2007	19	0	0	5	294	0	0

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 Territory	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2007	658,079	2,392,497	2,437,899	24,763	20,633	3,121	18,830,348
Earlier than 1989							
First quarter 2007	80,633	202,289	236,208	3,959	1,812	222	1,025,027
1989							
First quarter 2007	15,423	47,508	66,837	843	427	64	282,555
1990							
First quarter 2007	18,729	59,456	85,114	949	480	65	374,602
1991							
First quarter 2007	21,489	68,448	91,513	934	557	93	441,455
1992							
First quarter 2007	24,428	73,611	99,993	988	535	111	568,125
1993							
First quarter 2007	23,631	72,981	98,048	982	552	109	596,808
1994							
First quarter 2007	27,174	81,853	98,534	1,002	691	131	690,830
1995							
First quarter 2007	29,920	90,981	105,521	1,126	693	159	796,082
1996							
First quarter 2007	25,859	81,124	87,643	861	572	114	723,557
1997							
First quarter 2007	35,457	113,437	116,800	1,211	863	192	976,618
1998							
First quarter 2007	36,702	129,894	119,699	1,145	919	188	1,096,823
1999							
First quarter 2007	31,032	113,426	109,616	1,025	955	197	1,050,237
2000							
First quarter 2007	36,750	132,240	129,604	1,100	1,190	223	1,290,207
2001							
First quarter 2007	37,628	140,603	131,181	1,212	1,297	245	1,219,746
2002							
First quarter 2007	43,810	170,310	160,264	1,413	1,505	269	1,436,030
2003							
First quarter 2007	43,818	179,160	163,373	1,572	1,936	224	1,490,071
2004							
First quarter 2007	38,916	166,063	146,980	1,241	1,571	141	1,320,296
2005							
First quarter 2007	40,528	191,169	169,537	1,445	1,745	169	1,497,740
2006							
First quarter 2007	34,683	194,317	154,888	1,205	1,772	161	1,376,607
2007							
First quarter 2007	11,428	82,978	66,208	549	555	44	573,761
2008							
First quarter 2007	42	649	338	1	5	0	2,851
Year unknown							
First quarter 2007	0	0	0	0	1	0	319

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 2007	4,068	1,396	7,785	7,235	53,077	94,113	10,665
Earlier than 1989							
First quarter 2007	866	669	1,563	783	11,244	6,858	2,808
1989							
First quarter 2007	113	67	222	122	1,843	1,662	249
1990							
First quarter 2007	133	51	254	144	1,989	1,999	383
1991							
First quarter 2007	135	40	190	146	1,371	1,503	321
1992							
First quarter 2007	122	38	179	163	1,263	1,650	287
1993							
First quarter 2007	121	42	209	181	1,481	2,020	318
1994							
First quarter 2007	152	43	207	211	1,927	2,556	381
1995							
First quarter 2007	208	64	404	263	2,601	3,498	503
1996							
First quarter 2007	119	36	255	222	1,665	2,830	351
1997							
First quarter 2007	175	43	356	290	1,746	4,128	461
1998							
First quarter 2007	158	30	339	303	2,253	4,394	387
1999							
First quarter 2007	244	56	498	460	3,262	6,800	523
2000							
First quarter 2007	216	40	438	339	2,756	6,171	390
2001							
First quarter 2007	176	34	353	366	2,149	6,127	466
2002							
First quarter 2007	209	35	354	400	2,072	6,213	401
2003							
First quarter 2007	188	34	458	665	2,705	7,635	478
2004							
First quarter 2007	150	20	448	729	2,555	7,314	455
2005							
First quarter 2007	247	19	452	703	3,232	8,287	605
2006							
First quarter 2007	260	24	440	560	3,003	8,886	626
2007							
First quarter 2007	73	10	164	176	1,812	3,472	261
2008							
First quarter 2007	1	1	2	9	26	109	11
Year unknown							
First quarter 2007	2	0	0	0	123	0	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 Territory	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2007	32,225	107,570	108,543	1,613	755	228	429,273
Earlier than 1989							
First quarter 2007	19,353	27,323	14,110	454	128	55	86,214
1989							
First quarter 2007	332	1,413	2,531	52	17	4	8,627
1990							
First quarter 2007	468	1,785	2,974	53	36	9	10,278
1991							
First quarter 2007	400	1,663	2,394	34	18	4	8,219
1992							
First quarter 2007	401	1,464	2,558	40	15	6	8,186
1993							
First quarter 2007	464	1,541	2,988	34	15	9	9,423
1994							
First quarter 2007	479	1,988	3,406	43	18	6	11,417
1995							
First quarter 2007	673	2,612	3,944	30	31	24	14,855
1996							
First quarter 2007	411	1,799	2,898	34	13	3	10,636
1997							
First quarter 2007	631	2,947	3,831	66	30	10	14,714
1998							
First quarter 2007	636	2,986	3,316	39	27	10	14,878
1999							
First quarter 2007	658	3,906	4,410	65	38	15	20,935
2000							
First quarter 2007	583	3,353	4,145	47	38	11	18,527
2001							
First quarter 2007	847	5,385	5,014	62	27	6	21,012
2002							
First quarter 2007	714	4,627	5,361	66	33	7	20,492
2003							
First quarter 2007	849	5,514	8,853	107	36	8	27,530
2004							
First quarter 2007	710	4,891	9,110	98	35	11	26,526
2005							
First quarter 2007	1,354	10,328	10,312	100	60	6	35,705
2006							
First quarter 2007	1,634	14,293	12,096	151	89	21	42,083
2007							
First quarter 2007	627	7,545	4,117	38	37	3	18,335
2008							
First quarter 2007	1	207	176	0	15	0	558
Year unknown							
First quarter 2007	0	0	0	0	0	0	125

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 2007	2,779	2,652	7,186	3,563	36,063	115,792	16,530
Earlier than 1989							
First quarter 2007	338	1,294	820	723	1,192	6,889	1,920
1989							
First quarter 2007	75	145	196	147	316	1,920	245
1990							
First quarter 2007	59	135	135	171	314	1,967	216
1991							
First quarter 2007	57	105	81	95	202	1,350	177
1992							
First quarter 2007	55	47	103	59	313	1,395	196
1993							
First quarter 2007	52	72	140	129	445	1,804	327
1994							
First quarter 2007	98	91	237	173	853	2,637	492
1995							
First quarter 2007	147	159	347	222	1,395	4,644	628
1996							
First quarter 2007	138	99	273	138	1,066	3,500	555
1997							
First quarter 2007	103	49	265	110	1,160	3,928	595
1998							
First quarter 2007	185	80	432	201	2,101	7,148	916
1999							
First quarter 2007	168	84	496	220	2,467	8,843	978
2000							
First quarter 2007	213	67	587	176	3,347	10,638	1,230
2001							
First quarter 2007	123	37	302	111	2,114	6,886	792
2002							
First quarter 2007	95	14	256	81	1,209	5,170	516
2003							
First quarter 2007	139	27	392	116	2,798	7,353	866
2004							
First quarter 2007	133	36	510	144	2,738	8,019	1,136
2005							
First quarter 2007	232	38	600	179	4,897	11,886	1,790
2006							
First quarter 2007	217	34	538	237	3,942	10,778	1,383
2007							
First quarter 2007	150	39	475	130	3,175	9,005	1,564
2008							
First quarter 2007	0	0	1	1	14	32	8
Year unknown							
First quarter 2007	2	0	0	0	6	0	0

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 Territory	Northwest Territories	Nunavut	Total
	number						
Total, all vehicle model years							
First quarter 2007	25,008	83,490	17,013	1,275	1,219	141	312,711
Earlier than 1989							
First quarter 2007	7,919	17,876	2,815	201	158	20	42,165
1989							
First quarter 2007	699	1,570	463	20	23	4	5,823
1990							
First quarter 2007	729	1,800	740	30	32	4	6,332
1991							
First quarter 2007	509	1,363	419	16	24	6	4,404
1992							
First quarter 2007	506	1,089	556	30	18	3	4,370
1993							
First quarter 2007	788	1,551	526	26	25	5	5,890
1994							
First quarter 2007	1,067	2,487	671	35	41	4	8,886
1995							
First quarter 2007	1,483	3,099	754	47	49	11	12,985
1996							
First quarter 2007	1,086	2,568	700	50	51	6	10,230
1997							
First quarter 2007	1,099	3,125	755	51	56	3	11,299
1998							
First quarter 2007	1,469	4,531	771	58	71	8	17,971
1999							
First quarter 2007	1,231	3,792	698	49	66	15	19,107
2000							
First quarter 2007	1,225	3,993	611	74	83	6	22,250
2001							
First quarter 2007	811	3,656	637	70	64	5	15,608
2002							
First quarter 2007	457	2,812	596	49	39	4	11,298
2003							
First quarter 2007	604	3,205	657	58	53	10	16,278
2004							
First quarter 2007	730	4,230	902	63	56	8	18,705
2005							
First quarter 2007	868	6,474	1,250	112	78	6	28,410
2006							
First quarter 2007	901	7,697	1,496	130	103	5	27,461
2007							
First quarter 2007	826	6,535	992	105	129	8	23,133
2008							
First quarter 2007	1	37	4	1	0	0	99
Year unknown							
First quarter 2007	0	0	0	0	0	0	8

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				
Second quarter 2006	19,018,971 ^A	18,392,623 ^A	327,052 ^A	299,296 ^A
Third quarter 2006	19,383,931 ^A	18,703,827 ^A	361,605 ^A	318,500 ^A
Fourth quarter 2006	19,365,561 ^A	18,737,130 ^A	319,156 ^A	309,275 ^A
First quarter 2007	19,338,524^A	18,680,183^A	358,248^A	300,093^A
Newfoundland and Labrador				
Second quarter 2006	255,296 ^A	248,972 ^A	3,577 ^C	2,746 ^C
Third quarter 2006	259,991 ^A	253,348 ^A	3,304 ^C	3,338 ^D
Fourth quarter 2006	269,555 ^A	262,895 ^A	3,518 ^C	3,143 ^C
First quarter 2007	268,753^A	263,259^A	3,155^C	2,339^D
Prince Edward Island				
Second quarter 2006	78,398 ^A	74,437 ^A	1,340 ^D	2,622 ^C
Third quarter 2006	79,406 ^A	75,197 ^A	1,432 ^E	2,776 ^C
Fourth quarter 2006	77,534 ^B	73,703 ^B	1,148 ^D	2,682 ^C
First quarter 2007	78,843^A	75,144^A	1,229^D	2,471^C
Nova Scotia				
Second quarter 2006	555,793 ^A	539,926 ^A	8,256 ^B	7,611 ^B
Third quarter 2006	531,551 ^A	516,653 ^A	6,812 ^C	8,086 ^B
Fourth quarter 2006	511,676 ^A	499,069 ^A	5,784 ^D	6,823 ^B
First quarter 2007	530,867^A	517,248^A	6,905^B	6,715^B
New Brunswick				
Second quarter 2006	462,021 ^A	452,427 ^A	5,830 ^C	3,764 ^C
Third quarter 2006	463,308 ^A	452,341 ^A	6,493 ^C	4,475 ^C
Fourth quarter 2006	464,933 ^A	454,803 ^A	5,764 ^D	4,365 ^D
First quarter 2007	455,178^A	446,378^A	5,608^C	3,193^C
Quebec				
Second quarter 2006	4,365,493 ^A	4,283,176 ^A	38,463 ^B	43,853 ^B
Third quarter 2006	4,473,531 ^A	4,380,546 ^A	44,889 ^C	48,096 ^B
Fourth quarter 2006	4,445,985 ^A	4,358,441 ^A	40,405 ^B	47,139 ^B
First quarter 2007	4,398,467^A	4,323,960^A	36,151^C	38,356^B
Ontario				
Second quarter 2006	6,919,884 ^A	6,742,418 ^A	69,755 ^B	107,711 ^B
Third quarter 2006	6,998,558 ^A	6,818,195 ^A	65,768 ^B	114,594 ^B
Fourth quarter 2006	7,098,859 ^A	6,921,546 ^A	67,663 ^C	109,650 ^B
First quarter 2007	7,121,419^A	6,927,027^A	82,131^B	112,261^B
Manitoba				
Second quarter 2006	649,367 ^A	623,854 ^A	9,296 ^B	16,217 ^B
Third quarter 2006	666,622 ^A	640,772 ^A	9,812 ^C	16,037 ^B
Fourth quarter 2006	659,887 ^A	634,799 ^A	9,453 ^C	15,635 ^B
First quarter 2007	645,433^A	621,778^A	9,065^C	14,591^C
Saskatchewan				
Second quarter 2006	704,338 ^A	649,248 ^A	29,970 ^C	25,119 ^B
Third quarter 2006	735,825 ^A	679,654 ^A	30,262 ^C	25,908 ^B
Fourth quarter 2006	717,567 ^A	663,417 ^A	28,720 ^B	25,430 ^B
First quarter 2007	701,711^A	650,634^A	27,103^C	23,975^C
Alberta				
Second quarter 2006	2,462,895 ^A	2,302,559 ^A	87,100 ^B	73,236 ^B
Third quarter 2006	2,538,226 ^A	2,359,176 ^A	102,509 ^B	76,540 ^B
Fourth quarter 2006	2,528,888 ^A	2,366,392 ^A	81,160 ^B	81,336 ^B
First quarter 2007	2,527,018^A	2,349,917^A	100,249^C	76,851^B
British Columbia				
Second quarter 2006	2,514,592 ^A	2,429,296 ^A	71,204 ^B	14,092 ^D
Third quarter 2006	2,582,306 ^A	2,478,481 ^A	87,689 ^B	16,136 ^B
Fourth quarter 2006	2,536,609 ^A	2,453,097 ^A	72,936 ^B	10,576 ^C
First quarter 2007	2,557,214^A	2,456,541^A	84,182^B	16,490^B
Yukon Territory				
Second quarter 2006	25,868 ^A	23,220 ^A	1,447 ^B	1,202 ^A
Third quarter 2006	27,825 ^A	24,774 ^A	1,758 ^A	1,292 ^B
Fourth quarter 2006	27,639 ^A	24,705 ^A	1,614 ^A	1,319 ^A
First quarter 2007	27,512^A	24,763^A	1,471^B	1,278^A
Northwest Territories				
Second quarter 2006	21,478 ^A	19,712 ^A	643 ^B	1,123 ^A
Third quarter 2006	22,720 ^A	21,006 ^A	662 ^B	1,051 ^A
Fourth quarter 2006	22,532 ^A	20,783 ^A	713 ^B	1,036 ^A
First quarter 2007	22,750^A	20,529^A	773^B	1,448^A
Nunavut				
Second quarter 2006	3,549 ^A	3,379 ^A	170 ^B	F
Third quarter 2006	4,063 ^B	3,681 ^B	214 ^C	168 ^A
Fourth quarter 2006	3,897 ^A	3,479 ^A	277 ^A	142 ^E
First quarter 2007	3,359^A	3,006^A	227^A	126^C

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 2007	19,338,524 ^A	18,680,183 ^A	358,248 ^A	300,093 ^A
Later than 2004				
First quarter 2007	2,630,774 ^B	2,492,770 ^B	70,416 ^C	67,588 ^B
2002 to 2004				
First quarter 2007	4,399,327 ^A	4,288,936 ^A	60,931 ^C	49,460 ^C
1998 to 2001				
First quarter 2007	5,457,582 ^A	5,291,182 ^A	88,578 ^B	77,823 ^B
1994 to 1997				
First quarter 2007	3,725,918 ^A	3,635,904 ^A	45,840 ^E	44,174 ^D
Earlier than 1994				
First quarter 2007	3,124,923 ^A	2,971,391 ^A	92,484 ^C	61,048 ^C

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				
Second quarter 2006	19,018,971 A	18,392,623 A	327,052 A	299,296 A
Third quarter 2006	19,383,931 A	18,703,827 A	361,605 A	318,500 A
Fourth quarter 2006	19,365,561 A	18,737,130 A	319,156 A	309,275 A
First quarter 2007	19,338,524 A	18,680,183 A	358,248 A	300,093 A
Car				
Second quarter 2006	9,613,352 A	9,613,352 A	...	...
Third quarter 2006	9,508,528 A	9,508,528 A	...	...
Fourth quarter 2006	10,194,559 A	10,194,559 A	...	...
First quarter 2007	10,243,963 A	10,243,963 A	...	...
Station wagon				
Second quarter 2006	505,563 D	505,563 D	...	...
Third quarter 2006	520,116 C	520,116 C	...	...
Fourth quarter 2006	433,648 D	433,648 D	...	...
First quarter 2007	204,042 D	204,042 D	...	...
Van				
Second quarter 2006	3,180,527 B	3,172,551 B	7,975 E	...
Third quarter 2006	2,939,068 B	2,917,219 B	21,849 E	...
Fourth quarter 2006	2,956,987 B	2,940,694 B	16,294 E	...
First quarter 2007	2,887,078 B	2,859,216 B	27,862 E	...
Sport utility vehicle				
Second quarter 2006	1,636,329 B	1,636,272 B	...	...
Third quarter 2006	1,686,722 B	1,686,649 B	...	...
Fourth quarter 2006	1,583,638 B	1,583,638 B	...	...
First quarter 2007	1,847,102 B	1,847,102 B	...	...
Pickup				
Second quarter 2006	3,451,823 A	3,388,142 A	62,623 C	F
Third quarter 2006	4,072,142 A	4,014,957 A	56,449 C	F
Fourth quarter 2006	3,624,711 B	3,548,164 B	76,520 C	F
First quarter 2007	3,583,388 A	3,496,074 A	87,256 C	F
Straight truck				
Second quarter 2006	403,280 B	55,646 E	240,703 B	106,931 B
Third quarter 2006	400,295 B	F	247,668 B	109,138 B
Fourth quarter 2006	339,206 B	F	197,953 B	120,477 B
First quarter 2007	347,687 B	F	220,610 B	109,506 B
Tractor trailer				
Second quarter 2006	199,920 B	...	10,230 E	188,774 B
Third quarter 2006	230,509 A	...	21,990 E	207,446 A
Fourth quarter 2006	208,896 B	...	22,018 E	186,662 B
First quarter 2007	202,344 B	...	13,091 E	189,178 B
Bus				
Second quarter 2006	F	...	F	...
Third quarter 2006	F	...	F	...
Fourth quarter 2006	F	...	F	...
First quarter 2007	F	...	F	...
Other vehicle type				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	13,574 E	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	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				
Second quarter 2006	19,018,971 ^A	18,392,623 ^A	327,052 ^A	299,296 ^A
Third quarter 2006	19,383,931 ^A	18,703,827 ^A	361,605 ^A	318,500 ^A
Fourth quarter 2006	19,365,561 ^A	18,737,130 ^A	319,156 ^A	309,275 ^A
First quarter 2007	19,338,524^A	18,680,183^A	358,248^A	300,093^A
Gasoline				
Second quarter 2006	17,927,734 ^A	17,838,926 ^A	83,224 ^C	F
Third quarter 2006	18,311,682 ^A	18,201,804 ^A	108,348 ^B	F
Fourth quarter 2006	18,257,728 ^A	18,169,728 ^A	81,578 ^C	F
First quarter 2007	18,216,130^A	18,115,611^A	96,079^C	F
Diesel				
Second quarter 2006	935,511 ^B	399,567 ^C	243,146 ^A	292,798 ^A
Third quarter 2006	991,670 ^B	428,975 ^D	245,725 ^B	316,970 ^A
Fourth quarter 2006	1,053,918 ^B	518,740 ^C	232,610 ^B	302,568 ^A
First quarter 2007	1,018,369^B	465,352^C	258,045^B	294,971^A
Other fuel type				
Second quarter 2006	155,725 ^E	154,130 ^E	F	F
Third quarter 2006	80,578 ^E	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	104,025^E	99,219^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				
Second quarter 2006	82,621.1 ^A	75,810.6 ^A	1,724.0 ^C	5,086.5 ^B
Third quarter 2006	91,286.3 ^A	83,007.0 ^A	2,137.2 ^C	6,142.1 ^B
Fourth quarter 2006	81,070.0 ^A	74,020.1 ^B	2,062.6 ^C	4,987.4 ^B
First quarter 2007	75,132.7^A	67,633.0^A	1,866.4^B	5,633.4^B
Newfoundland and Labrador				
Second quarter 2006	1,126.5 ^C	1,075.9 ^C	F	39.6 ^E
Third quarter 2006	1,220.6 ^C	1,163.2 ^D	F	45.4 ^E
Fourth quarter 2006	1,108.3 ^D	1,060.0 ^D	F	38.0 ^E
First quarter 2007	898.8^C	872.5^D	11.3^E	F
Prince Edward Island				
Second quarter 2006	303.3 ^E	289.7 ^E	F	F
Third quarter 2006	281.7 ^E	264.7 ^E	F	13.3 ^E
Fourth quarter 2006	227.5 ^E	209.7 ^E	F	F
First quarter 2007	320.0^E	304.7^E	F	13.2^E
Nova Scotia				
Second quarter 2006	2,756.8 ^C	2,577.0 ^C	F	147.6 ^D
Third quarter 2006	2,780.8 ^C	2,628.1 ^C	F	125.9 ^D
Fourth quarter 2006	2,401.4 ^C	2,289.2 ^C	31.6 ^E	80.6 ^E
First quarter 2007	2,386.5^C	2,278.1^D	37.2^E	71.3^E
New Brunswick				
Second quarter 2006	2,376.9 ^C	2,318.3 ^C	42.9 ^E	F
Third quarter 2006	2,165.7 ^C	2,090.9 ^D	45.8 ^E	29.0 ^E
Fourth quarter 2006	2,223.9 ^C	2,148.5 ^C	34.4 ^E	F
First quarter 2007	1,814.5^D	1,762.7^D	32.5^E	19.4^E
Quebec				
Second quarter 2006	17,498.5 ^B	16,148.5 ^C	259.2 ^E	1,090.8 ^C
Third quarter 2006	20,265.9 ^B	19,047.0 ^C	202.2 ^E	1,016.8 ^C
Fourth quarter 2006	17,056.1 ^B	15,558.9 ^C	295.2 ^E	1,202.0 ^C
First quarter 2007	16,079.3^B	14,838.7^B	203.8^E	1,036.9^C
Ontario				
Second quarter 2006	33,337.0 ^B	31,023.6 ^B	368.1 ^E	1,945.3 ^C
Third quarter 2006	36,468.7 ^B	33,490.3 ^B	506.2 ^E	2,472.2 ^C
Fourth quarter 2006	33,499.6 ^B	31,365.0 ^B	427.4 ^E	1,707.2 ^C
First quarter 2007	28,196.8^B	25,595.5^B	421.7^E	2,179.7^C
Manitoba				
Second quarter 2006	2,865.9 ^C	2,307.2 ^C	32.7 ^E	525.9 ^D
Third quarter 2006	3,646.1 ^C	3,145.0 ^C	51.6 ^E	449.5 ^D
Fourth quarter 2006	2,864.7 ^C	2,449.2 ^C	40.2 ^E	375.3 ^D
First quarter 2007	2,794.1^C	2,319.6^C	F	436.7^E
Saskatchewan				
Second quarter 2006	2,966.3 ^C	2,590.3 ^D	117.9 ^E	258.1 ^E
Third quarter 2006	3,376.4 ^C	2,685.7 ^D	F	542.5 ^E
Fourth quarter 2006	2,829.9 ^C	2,472.8 ^D	116.2 ^E	240.9 ^E
First quarter 2007	2,768.4^C	2,376.8^D	F	287.1^E
Alberta				
Second quarter 2006	11,098.2 ^C	9,800.5 ^C	379.4 ^E	918.3 ^D
Third quarter 2006	12,320.0 ^C	10,376.0 ^C	673.2 ^D	1,270.8 ^C
Fourth quarter 2006	10,910.6 ^C	9,205.8 ^C	541.7 ^E	1,163.0 ^C
First quarter 2007	10,382.8^C	8,433.0^C	588.1^E	1,361.6^C
British Columbia				
Second quarter 2006	8,063.5 ^C	7,489.7 ^C	468.5 ^E	105.4 ^E
Third quarter 2006	8,468.5 ^C	7,892.9 ^C	454.4 ^E	121.2 ^E
Fourth quarter 2006	7,744.1 ^C	7,113.2 ^D	549.7 ^E	81.2 ^E
First quarter 2007	9,289.8^D	8,714.3^D	420.1^E	155.4^D
Yukon Territory				
Second quarter 2006	130.9 ^B	106.5 ^C	6.2 ^D	18.2 ^E
Third quarter 2006	166.4 ^B	119.0 ^B	11.4 ^E	36.1 ^C
Fourth quarter 2006	115.9 ^C	81.1 ^C	3.3 ^E	31.6 ^E
First quarter 2007	110.5^C	65.9^C	4.5^E	40.1^E
Northwest Territories				
Second quarter 2006	84.7 ^B	71.1 ^C	F	11.1 ^E
Third quarter 2006	103.5 ^C	85.5 ^C	1.5 ^E	F
Fourth quarter 2006	80.8 ^C	60.2 ^C	F	F
First quarter 2007	79.7^B	60.3^C	2.7^E	16.7^E
Nunavut				
Second quarter 2006	12.5 ^E	12.3 ^E	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	7.4 ^C	6.6 ^D	F	F
First quarter 2007	F	F	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 2007	75,132.7 A	67,633.0 A	1,866.4 B	5,633.4 B
Later than 2004				
First quarter 2007	15,271.0 C	12,415.5 C	595.4 D	2,260.1 C
2002 to 2004				
First quarter 2007	19,861.3 B	18,223.4 B	388.2 E	1,249.7 D
1998 to 2001				
First quarter 2007	21,044.2 B	19,117.5 B	624.8 D	1,302.0 C
1994 to 1997				
First quarter 2007	12,294.2 C	11,574.0 C	F	587.5 E
Earlier than 1994				
First quarter 2007	6,662.1 D	6,302.7 D	F	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				
Second quarter 2006	82,621.1 A	75,810.6 A	1,724.0 C	5,086.5 B
Third quarter 2006	91,286.3 A	83,007.0 A	2,137.2 C	6,142.1 B
Fourth quarter 2006	81,070.0 A	74,020.1 B	2,062.6 C	4,987.4 B
First quarter 2007	75,132.7 A	67,633.0 A	1,866.4 B	5,633.4 B
Car				
Second quarter 2006	37,330.8 B	37,330.8 B	...	...
Third quarter 2006	39,138.4 B	39,138.4 B	...	...
Fourth quarter 2006	40,780.4 B	40,780.4 B	...	...
First quarter 2007	32,360.3 B	32,360.3 B	...	...
Station wagon				
Second quarter 2006	F	F	...	...
Third quarter 2006	3,329.4 E	3,329.4 E	...	...
Fourth quarter 2006	2,570.9 E	2,570.9 E	...	...
First quarter 2007	649.4 E	649.4 E	...	...
Van				
Second quarter 2006	14,439.5 C	14,401.5 C	F	...
Third quarter 2006	15,514.9 C	15,421.9 C	F	...
Fourth quarter 2006	10,223.2 D	10,091.7 D	F	...
First quarter 2007	11,450.7 C	11,260.5 C	F	...
Sport utility vehicle				
Second quarter 2006	7,286.4 D	7,286.2 D	...	...
Third quarter 2006	7,511.9 D	7,511.9 D	...	...
Fourth quarter 2006	5,890.0 E	5,890.0 E	...	...
First quarter 2007	10,335.0 D	10,335.0 D	...	...
Pickup				
Second quarter 2006	15,433.3 C	14,906.2 C	527.1 E	F
Third quarter 2006	17,567.1 B	17,165.0 B	401.8 E	F
Fourth quarter 2006	15,218.6 C	14,580.3 C	638.2 E	F
First quarter 2007	13,344.9 B	12,851.2 C	493.0 E	F
Straight truck				
Second quarter 2006	2,135.8 C	F	1,084.1 C	947.0 D
Third quarter 2006	2,655.9 C	F	1,496.7 C	802.8 D
Fourth quarter 2006	1,995.9 C	F	1,097.8 C	861.4 D
First quarter 2007	2,037.8 C	F	1,100.1 C	844.9 D
Tractor trailer				
Second quarter 2006	4,168.6 B	...	F	4,138.0 B
Third quarter 2006	5,414.9 B	...	F	5,338.1 B
Fourth quarter 2006	4,292.8 B	...	F	4,125.7 B
First quarter 2007	4,866.8 B	...	F	4,787.7 B
Bus				
Second quarter 2006	F	...	F	...
Third quarter 2006	F	...	F	...
Fourth quarter 2006	F	...	F	...
First quarter 2007	F	...	F	...
Other vehicle type				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	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				
Second quarter 2006	82,621.1 ^A	75,810.6 ^A	1,724.0 ^C	5,086.5 ^B
Third quarter 2006	91,286.3 ^A	83,007.0 ^A	2,137.2 ^C	6,142.1 ^B
Fourth quarter 2006	81,070.0 ^A	74,020.1 ^B	2,062.6 ^C	4,987.4 ^B
First quarter 2007	75,132.7^A	67,633.0^A	1,866.4^B	5,633.4^B
Gasoline				
Second quarter 2006	72,770.9 ^A	72,534.8 ^A	208.4 ^E	F
Third quarter 2006	80,568.8 ^A	80,162.4 ^B	390.8 ^E	F
Fourth quarter 2006	71,336.7 ^B	70,998.4 ^B	332.1 ^E	F
First quarter 2007	65,199.3^A	64,897.6^A	291.2^E	F
Diesel				
Second quarter 2006	8,884.9 ^B	2,337.9 ^E	1,513.7 ^C	5,033.2 ^B
Third quarter 2006	10,355.5 ^B	2,492.8 ^E	1,736.2 ^C	6,126.4 ^B
Fourth quarter 2006	9,637.2 ^B	2,939.2 ^E	1,717.7 ^C	4,980.3 ^B
First quarter 2007	9,499.9^B	2,367.1^E	1,526.2^C	5,606.6^B
Other fuel type				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	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				
Second quarter 2006	136,226.7 A	128,598.8 B	2,267.4 C	5,360.6 B
Third quarter 2006	151,487.2 A	141,832.2 A	2,773.3 C	6,881.7 B
Fourth quarter 2006	130,153.2 B	121,779.5 B	2,748.4 C	5,625.3 B
First quarter 2007	111,692.7 A	102,690.7 A	2,475.9 C	6,526.1 B
Newfoundland and Labrador				
Second quarter 2006	2,075.9 C	2,022.8 C	F	39.6 E
Third quarter 2006	2,345.4 C	2,284.4 C	F	46.5 E
Fourth quarter 2006	1,927.5 D	1,873.9 D	F	38.6 E
First quarter 2007	1,497.1 C	1,465.9 C	15.0 E	F
Prince Edward Island				
Second quarter 2006	520.5 E	506.2 E	F	F
Third quarter 2006	515.8 D	496.7 D	F	F
Fourth quarter 2006	342.6 E	322.5 E	F	F
First quarter 2007	507.4 E	491.0 E	F	13.8 E
Nova Scotia				
Second quarter 2006	4,726.0 C	4,534.7 C	F	148.3 D
Third quarter 2006	4,447.5 C	4,285.2 C	F	131.5 D
Fourth quarter 2006	3,950.7 C	3,831.1 C	F	84.6 E
First quarter 2007	3,750.4 D	3,633.1 D	43.7 E	F
New Brunswick				
Second quarter 2006	4,201.0 D	4,133.0 D	49.2 E	F
Third quarter 2006	3,745.7 C	3,659.8 C	54.6 E	31.3 E
Fourth quarter 2006	3,680.9 C	3,581.1 C	52.7 E	F
First quarter 2007	2,865.7 D	2,805.1 D	41.3 E	19.4 E
Quebec				
Second quarter 2006	27,705.6 B	26,248.6 C	286.4 E	1,170.6 C
Third quarter 2006	35,140.2 B	33,745.7 B	325.8 E	1,068.7 C
Fourth quarter 2006	26,029.3 B	24,395.4 C	355.6 E	1,278.3 C
First quarter 2007	23,778.2 B	22,478.7 B	238.3 E	1,061.2 C
Ontario				
Second quarter 2006	56,318.0 B	53,770.7 B	500.5 E	2,046.8 C
Third quarter 2006	60,490.7 B	56,972.2 B	588.5 E	2,930.0 C
Fourth quarter 2006	56,519.1 B	54,182.8 B	540.0 E	1,796.3 C
First quarter 2007	42,293.4 B	39,288.0 B	505.9 E	2,499.5 C
Manitoba				
Second quarter 2006	4,411.6 C	3,808.8 C	44.0 E	558.8 D
Third quarter 2006	5,932.0 C	5,305.2 C	74.6 E	552.3 D
Fourth quarter 2006	4,425.1 C	3,911.7 C	49.8 E	463.6 D
First quarter 2007	4,030.3 C	3,450.0 C	68.1 E	512.1 E
Saskatchewan				
Second quarter 2006	5,050.9 C	4,652.3 D	121.2 E	F
Third quarter 2006	4,777.4 C	4,046.1 D	F	557.7 E
Fourth quarter 2006	4,359.3 D	3,900.9 D	144.7 E	313.7 E
First quarter 2007	3,889.9 C	3,419.3 C	169.1 E	301.5 E
Alberta				
Second quarter 2006	17,612.9 C	16,137.8 C	491.4 E	983.7 D
Third quarter 2006	19,648.6 C	17,285.1 C	943.2 D	1,420.4 E
Fourth quarter 2006	16,798.8 C	14,523.4 C	782.8 E	1,492.6 D
First quarter 2007	14,707.7 B	11,928.1 C	915.7 E	1,863.9 E
British Columbia				
Second quarter 2006	13,604.2 C	12,783.7 C	715.0 E	105.5 E
Third quarter 2006	14,444.1 C	13,751.8 C	562.1 E	130.1 E
Fourth quarter 2006	12,120.0 C	11,256.7 D	764.6 E	98.8 E
First quarter 2007	14,372.6 D	13,731.5 D	476.1 E	164.9 E

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 2007	111,692.7 A	102,690.7 A	2,475.9 C	6,526.1 B
Later than 2004				
First quarter 2007	22,873.4 C	19,474.9 C	798.3 E	2,600.2 E
2002 to 2004				
First quarter 2007	29,259.4 B	27,343.2 B	532.6 E	1,383.6 D
1998 to 2001				
First quarter 2007	32,196.3 B	29,864.0 B	821.1 D	1,511.3 C
1994 to 1997				
First quarter 2007	17,523.1 C	16,571.8 C	184.5 E	766.8 E
Earlier than 1994				
First quarter 2007	9,840.5 D	9,436.8 D	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				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Car				
Second quarter 2006	59,087.0 ^B	59,087.0 ^B	...	...
Third quarter 2006	61,986.7 ^B	61,986.7 ^B	...	...
Fourth quarter 2006	66,855.8 ^B	66,855.8 ^B	...	...
First quarter 2007	48,299.2^B	48,299.2^B	...	...
Station wagon				
Second quarter 2006	F	F	...	...
Third quarter 2006	5,971.6 ^E	5,971.6 ^E	...	...
Fourth quarter 2006	5,286.5 ^E	5,286.5 ^E	...	...
First quarter 2007	F	F	...	...
Van				
Second quarter 2006	30,672.0 ^C	30,629.9 ^C	F	...
Third quarter 2006	31,154.8 ^C	31,047.7 ^C	F	...
Fourth quarter 2006	17,227.7 ^D	17,084.7 ^D	F	...
First quarter 2007	19,382.9^C	19,156.3^C	F	...
Sport utility vehicle				
Second quarter 2006	13,375.6 ^D	13,375.6 ^D	...	...
Third quarter 2006	13,771.1 ^D	13,771.1 ^D	...	...
Fourth quarter 2006	11,146.2 ^E	11,146.2 ^E	...	...
First quarter 2007	16,611.0^D	16,611.0^D	...	...
Pickup				
Second quarter 2006	22,526.9 ^C	21,786.9 ^C	740.0 ^E	F
Third quarter 2006	28,921.4 ^B	28,359.9 ^B	561.5 ^E	F
Fourth quarter 2006	22,099.5 ^C	21,201.8 ^C	897.6 ^E	F
First quarter 2007	18,072.1^B	17,371.8^C	700.3^E	F
Straight truck				
Second quarter 2006	2,567.5 ^C	F	1,392.4 ^C	1,012.3 ^E
Third quarter 2006	3,538.9 ^C	F	1,953.6 ^C	1,035.4 ^D
Fourth quarter 2006	2,520.0 ^C	F	1,493.8 ^D	961.1 ^D
First quarter 2007	2,537.7^C	F	1,450.1^C	982.4^D
Tractor trailer				
Second quarter 2006	4,380.1 ^B	...	F	4,346.6 ^B
Third quarter 2006	5,925.0 ^B	...	F	5,844.9 ^B
Fourth quarter 2006	4,849.4 ^B	...	F	4,664.0 ^B
First quarter 2007	5,636.2^B	...	F	5,543.6^B
Bus				
Second quarter 2006	F	...	F	...
Third quarter 2006	F	...	F	...
Fourth quarter 2006	F	...	F	...
First quarter 2007	F	...	F	...
Other vehicle type				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	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				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Gasoline				
Second quarter 2006	123,636.1 ^B	123,333.1 ^B	275.2 ^E	F
Third quarter 2006	137,780.5 ^A	137,295.3 ^A	470.0 ^E	F
Fourth quarter 2006	117,481.4 ^B	117,060.8 ^B	414.5 ^E	F
First quarter 2007	99,419.8^A	99,043.9^A	360.8^E	F
Diesel				
Second quarter 2006	10,882.4 ^C	3,578.6 ^E	1,990.4 ^C	5,313.4 ^B
Third quarter 2006	13,126.4 ^B	3,973.0 ^E	2,286.9 ^C	6,866.5 ^B
Fourth quarter 2006	12,545.2 ^C	4,607.6 ^E	2,319.3 ^C	5,618.3 ^B
First quarter 2007	11,605.6^B	3,047.0^E	2,063.9^C	6,494.7^B
Other fuel type				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	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

	First quarter 2007	Fourth quarter 2006	Third quarter 2006	Second quarter 2006
millions				
Total, all ages	102,690.7^A	121,779.5^B	141,832.2^A	128,598.8^B
Under 5 years	2,256.2 ^E	F	3,742.2 ^E	3,838.2 ^E
5 to 14 years	4,782.2 ^D	5,664.5 ^E	7,978.9 ^D	5,764.3 ^E
15 to 19 years	2,666.9 ^D	3,972.8 ^E	4,353.5 ^E	4,508.8 ^E
20 to 24 years	2,825.1 ^E	4,097.6 ^E	7,861.1 ^D	F
25 to 34 years	9,112.3 ^C	14,306.3 ^C	14,199.5 ^C	10,680.5 ^C
35 to 54 years	42,621.7 ^B	49,345.3 ^B	56,755.5 ^B	53,294.3 ^B
55 to 64 years	18,431.3 ^B	21,928.3 ^C	29,592.1 ^B	28,587.5 ^C
65 to 74 years	14,559.3 ^C	14,305.7 ^C	12,395.9 ^C	12,570.5 ^C
75 to 84 years	5,146.5 ^E	5,130.4 ^D	4,659.8 ^D	5,300.3 ^D
85 years and over	F	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				
Second quarter 2006	82,393.0 A	75,620.7 A	1,715.2 C	5,057.1 B
Third quarter 2006	90,994.3 A	82,783.8 A	2,124.2 C	6,086.4 B
Fourth quarter 2006	80,865.9 A	73,872.2 B	2,053.7 C	4,940.0 B
First quarter 2007	74,931.0 A	67,495.9 A	1,859.0 C	5,576.1 B
Under 20 years				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	F	F	F	F
20 to 24 years				
Second quarter 2006	F	F	94.0 E	275.2 E
Third quarter 2006	4,075.7 E	3,890.9 E	F	56.6 E
Fourth quarter 2006	F	F	77.9 E	F
First quarter 2007	2,105.6 E	1,642.5 E	F	433.1 E
25 to 34 years				
Second quarter 2006	7,766.3 D	6,552.9 E	430.3 D	783.1 D
Third quarter 2006	8,989.2 D	7,540.4 E	531.7 D	917.0 D
Fourth quarter 2006	10,531.0 D	9,315.2 E	198.2 E	1,017.6 C
First quarter 2007	7,085.3 E	6,093.0 E	254.9 E	737.3 D
35 to 44 years				
Second quarter 2006	21,381.8 D	19,202.2 D	451.8 D	1,727.8 C
Third quarter 2006	18,581.8 D	16,409.7 D	604.3 D	1,567.7 C
Fourth quarter 2006	16,625.5 C	14,503.8 D	858.5 D	1,263.2 C
First quarter 2007	16,388.4 C	14,314.7 C	518.7 D	1,554.9 C
45 to 54 years				
Second quarter 2006	22,956.4 C	21,517.4 C	366.3 D	1,072.7 C
Third quarter 2006	26,058.0 C	23,131.4 C	578.1 D	2,348.5 C
Fourth quarter 2006	23,820.9 C	21,172.3 C	594.9 D	2,053.7 B
First quarter 2007	21,118.0 B	18,696.0 B	797.0 C	1,625.0 C
55 to 64 years				
Second quarter 2006	17,025.4 C	15,624.1 C	350.9 E	1,050.4 D
Third quarter 2006	20,683.3 C	19,367.8 C	234.7 E	1,080.8 D
Fourth quarter 2006	15,461.4 C	14,655.7 C	259.0 E	546.7 E
First quarter 2007	15,051.9 C	13,679.2 C	212.7 E	1,160.0 D
65 years and over				
Second quarter 2006	10,620.9 C	10,451.5 C	F	147.7 E
Third quarter 2006	11,653.5 C	11,491.9 C	F	F
Fourth quarter 2006	12,775.9 C	12,672.6 C	F	F
First quarter 2007	12,538.9 D	12,431.7 D	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				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Under 20 years				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	F	F	F	F
20 to 24 years				
Second quarter 2006	2,874.2 ^E	F	117.4 ^E	275.2 ^E
Third quarter 2006	7,859.7 ^E	7,607.9 ^E	F	57.1 ^E
Fourth quarter 2006	F	F	149.1 ^E	F
First quarter 2007	3,592.4^E	3,111.8^E	F	438.4^E
25 to 34 years				
Second quarter 2006	12,819.0 ^D	11,420.5 ^D	568.3 ^D	830.1 ^D
Third quarter 2006	14,551.7 ^D	12,814.2 ^D	678.0 ^D	1,059.5 ^D
Fourth quarter 2006	15,722.1 ^E	14,172.8 ^E	296.2 ^E	1,253.1 ^D
First quarter 2007	10,889.1^D	9,687.1^E	337.2^E	864.8^D
35 to 44 years				
Second quarter 2006	35,413.0 ^C	32,818.5 ^D	699.8 ^D	1,894.8 ^C
Third quarter 2006	33,425.4 ^C	30,836.6 ^C	812.7 ^D	1,776.1 ^C
Fourth quarter 2006	27,017.1 ^C	24,545.8 ^D	1,041.0 ^D	1,430.2 ^C
First quarter 2007	23,592.3^C	21,151.7^C	658.6^D	1,781.9^C
45 to 54 years				
Second quarter 2006	35,064.9 ^C	33,455.4 ^C	454.3 ^D	1,155.2 ^C
Third quarter 2006	40,562.4 ^C	37,102.1 ^C	707.6 ^D	2,752.7 ^C
Fourth quarter 2006	37,624.9 ^C	34,609.1 ^C	709.0 ^D	2,306.7 ^C
First quarter 2007	28,988.4^B	26,059.1^B	1,037.8^D	1,891.5^C
55 to 64 years				
Second quarter 2006	27,956.6 ^C	26,505.5 ^C	393.8 ^E	1,057.3 ^D
Third quarter 2006	33,201.0 ^C	31,767.3 ^C	316.8 ^E	1,116.8 ^D
Fourth quarter 2006	25,175.7 ^D	24,148.5 ^D	464.4 ^E	562.7 ^E
First quarter 2007	22,483.4^C	20,663.6^C	346.1^E	1,473.7^D
65 years and over				
Second quarter 2006	20,676.0 ^D	20,494.5 ^D	F	147.8 ^E
Third quarter 2006	20,189.5 ^D	20,009.0 ^D	F	F
Fourth quarter 2006	22,068.3 ^C	21,931.6 ^C	F	F
First quarter 2007	21,173.4^C	21,047.8^C	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				
Second quarter 2006	82,393.0 A	75,620.7 A	1,715.2 C	5,057.1 B
Third quarter 2006	90,994.3 A	82,783.8 A	2,124.2 C	6,086.4 B
Fourth quarter 2006	80,865.9 A	73,872.2 B	2,053.7 C	4,940.0 B
First quarter 2007	74,931.0 A	67,495.9 A	1,859.0 C	5,576.1 B
Males				
Second quarter 2006	62,187.7 B	55,528.1 B	1,692.7 C	4,966.9 B
Third quarter 2006	66,587.1 B	58,437.6 B	2,103.0 B	6,046.5 B
Fourth quarter 2006	57,919.6 B	51,020.1 B	1,997.9 C	4,901.7 B
First quarter 2007	53,125.8 B	45,736.2 B	1,826.6 B	5,562.9 B
Females				
Second quarter 2006	20,205.3 C	20,092.5 C	F	F
Third quarter 2006	24,407.2 C	24,346.2 C	F	F
Fourth quarter 2006	22,946.2 C	22,852.1 C	F	F
First quarter 2007	21,805.3 C	21,759.7 C	F	F
millions of passenger-kilometres				
Both sexes				
Second quarter 2006	136,226.7 A	128,598.8 B	2,267.4 C	5,360.6 B
Third quarter 2006	151,487.2 A	141,832.2 A	2,773.3 C	6,881.7 B
Fourth quarter 2006	130,153.2 B	121,779.5 B	2,748.4 C	5,625.3 B
First quarter 2007	111,692.7 A	102,690.7 A	2,475.9 C	6,526.1 B
Males				
Second quarter 2006	105,882.1 B	98,399.6 B	2,242.6 C	5,240.0 B
Third quarter 2006	113,681.2 B	104,138.8 B	2,734.9 C	6,807.5 B
Fourth quarter 2006	91,753.3 B	83,541.3 B	2,660.8 C	5,551.1 B
First quarter 2007	78,235.9 B	69,285.2 B	2,437.8 C	6,512.9 B
Females				
Second quarter 2006	30,344.6 C	30,199.2 C	F	F
Third quarter 2006	37,806.0 C	37,693.4 C	F	F
Fourth quarter 2006	38,399.9 C	38,238.2 C	F	F
First quarter 2007	33,456.8 C	33,405.5 C	F	F

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				
Second quarter 2006	82,393.0 A	75,620.7 A	1,715.2 C	5,057.1 B
Third quarter 2006	90,994.3 A	82,783.8 A	2,124.2 C	6,086.4 B
Fourth quarter 2006	80,865.9 A	73,872.2 B	2,053.7 C	4,940.0 B
First quarter 2007	74,931.0 A	67,495.9 A	1,859.0 C	5,576.1 B
Males				
Second quarter 2006	62,187.7 B	55,528.1 B	1,692.7 C	4,966.9 B
Third quarter 2006	66,587.1 B	58,437.6 B	2,103.0 B	6,046.5 B
Fourth quarter 2006	57,919.6 B	51,020.1 B	1,997.9 C	4,901.7 B
First quarter 2007	53,125.8 B	45,736.2 B	1,826.6 B	5,562.9 B
Females				
Second quarter 2006	20,205.3 C	20,092.5 C	F	F
Third quarter 2006	24,407.2 C	24,346.2 C	F	F
Fourth quarter 2006	22,946.2 C	22,852.1 C	F	F
First quarter 2007	21,805.3 C	21,759.7 C	F	F
Under 25 years				
Both sexes				
Second quarter 2006	F	F	94.1 E	275.4 E
Third quarter 2006	5,028.6 E	4,842.6 E	F	56.6 E
Fourth quarter 2006	F	F	81.1 E	F
First quarter 2007	2,748.6 D	2,281.3 E	F	433.1 E
Males				
Second quarter 2006	F	F	94.1 E	275.4 E
Third quarter 2006	3,730.3 E	3,551.0 E	F	51.1 E
Fourth quarter 2006	F	F	F	F
First quarter 2007	1,473.7 E	1,007.7 E	F	433.1 E
Females				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	1,274.9 E	1,273.6 E	F	F
25 to 54 years				
Both sexes				
Second quarter 2006	52,104.5 B	47,272.5 C	1,248.4 C	3,583.6 B
Third quarter 2006	53,628.9 B	47,081.5 B	1,714.1 C	4,833.3 B
Fourth quarter 2006	50,977.4 B	44,991.3 B	1,651.6 C	4,334.6 B
First quarter 2007	44,591.6 B	39,103.8 B	1,570.6 C	3,917.2 B
Males				
Second quarter 2006	39,165.6 C	34,445.2 C	1,227.0 C	3,493.4 B
Third quarter 2006	36,904.3 B	30,411.3 C	1,694.1 C	4,798.9 B
Fourth quarter 2006	35,536.2 B	29,620.6 C	1,619.4 C	4,296.3 B
First quarter 2007	30,266.0 B	24,822.4 B	1,539.6 C	3,904.0 B
Females				
Second quarter 2006	12,938.9 D	12,827.3 D	F	F
Third quarter 2006	16,724.6 D	16,670.3 D	F	F
Fourth quarter 2006	15,441.2 D	15,370.7 D	F	F
First quarter 2007	14,325.6 C	14,281.4 C	F	F
55 years and over				
Both sexes				
Second quarter 2006	27,646.3 B	26,075.5 B	372.7 E	1,198.1 C
Third quarter 2006	32,336.8 B	30,859.6 B	280.7 E	1,196.5 C
Fourth quarter 2006	28,237.3 C	27,328.3 C	321.0 E	588.0 E
First quarter 2007	27,590.8 B	26,110.9 B	254.2 D	1,225.8 D
Males				
Second quarter 2006	21,412.0 C	19,842.4 C	371.5 E	1,198.1 C
Third quarter 2006	25,952.6 B	24,475.3 C	280.7 E	1,196.5 C
Fourth quarter 2006	21,484.1 C	20,595.5 C	300.6 E	588.0 E
First quarter 2007	21,386.1 C	19,906.1 C	254.2 D	1,225.8 D
Females				
Second quarter 2006	6,234.3 D	6,233.1 D	F	F
Third quarter 2006	6,384.3 E	6,384.3 E	F	F
Fourth quarter 2006	6,753.1 E	6,732.7 E	F	F
First quarter 2007	6,204.7 E	6,204.7 E	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				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Males				
Second quarter 2006	105,882.1 ^B	98,399.6 ^B	2,242.6 ^C	5,240.0 ^B
Third quarter 2006	113,681.2 ^B	104,138.8 ^B	2,734.9 ^C	6,807.5 ^B
Fourth quarter 2006	91,753.3 ^B	83,541.3 ^B	2,660.8 ^C	5,551.1 ^B
First quarter 2007	78,235.9^B	69,285.2^B	2,437.8^C	6,512.9^B
Females				
Second quarter 2006	30,344.6 ^C	30,199.2 ^C	F	F
Third quarter 2006	37,806.0 ^C	37,693.4 ^C	F	F
Fourth quarter 2006	38,399.9 ^C	38,238.2 ^C	F	F
First quarter 2007	33,456.8^C	33,405.5^C	F	F
Under 25 years				
Both sexes				
Second quarter 2006	F	F	117.6 ^E	275.4 ^E
Third quarter 2006	9,557.2 ^E	9,303.0 ^E	F	57.1 ^E
Fourth quarter 2006	F	F	152.2 ^E	F
First quarter 2007	4,566.2^E	4,081.3^E	F	438.4^E
Males				
Second quarter 2006	F	F	117.5 ^E	275.4 ^E
Third quarter 2006	7,229.3 ^E	6,982.9 ^E	F	F
Fourth quarter 2006	F	F	149.1 ^E	F
First quarter 2007	1,882.7^E	1,399.2^E	F	438.4^E
Females				
Second quarter 2006	F	F	F	F
Third quarter 2006	F	F	F	F
Fourth quarter 2006	F	F	F	F
First quarter 2007	2,683.5^E	2,682.2^E	F	F
25 to 54 years				
Both sexes				
Second quarter 2006	83,296.8 ^B	77,694.4 ^B	1,722.4 ^C	3,880.1 ^B
Third quarter 2006	88,539.6 ^B	80,752.9 ^B	2,198.3 ^C	5,588.3 ^B
Fourth quarter 2006	80,364.0 ^B	73,327.7 ^B	2,046.2 ^C	4,990.1 ^B
First quarter 2007	63,469.8^B	56,898.0^B	2,033.6^C	4,538.2^B
Males				
Second quarter 2006	63,072.5 ^B	57,613.6 ^C	1,699.4 ^C	3,759.5 ^B
Third quarter 2006	61,809.6 ^B	54,127.8 ^C	2,162.3 ^C	5,519.6 ^B
Fourth quarter 2006	55,769.3 ^B	48,850.8 ^C	2,002.6 ^C	4,915.9 ^B
First quarter 2007	42,249.0^B	35,727.1^B	1,996.8^C	4,525.0^B
Females				
Second quarter 2006	20,224.4 ^C	20,080.8 ^C	F	F
Third quarter 2006	26,729.9 ^D	26,625.1 ^D	F	F
Fourth quarter 2006	24,594.7 ^D	24,477.0 ^D	F	F
First quarter 2007	21,220.8^C	21,170.8^C	F	F
55 years and over				
Both sexes				
Second quarter 2006	48,632.5 ^B	47,000.0 ^C	427.4 ^E	1,205.1 ^C
Third quarter 2006	53,390.4 ^B	51,776.3 ^B	377.9 ^E	1,236.3 ^C
Fourth quarter 2006	47,244.0 ^C	46,080.2 ^C	550.0 ^E	613.9 ^E
First quarter 2007	43,656.8^B	41,711.4^B	395.9^D	1,549.5^D
Males				
Second quarter 2006	40,445.9 ^C	38,815.1 ^C	425.7 ^E	1,205.1 ^C
Third quarter 2006	44,642.3 ^C	43,028.1 ^C	377.9 ^E	1,236.3 ^C
Fourth quarter 2006	34,494.2 ^C	33,371.1 ^C	509.1 ^E	613.9 ^E
First quarter 2007	34,104.3^C	32,158.9^C	395.9^D	1,549.5^D
Females				
Second quarter 2006	8,186.6 ^E	8,184.9 ^E	F	F
Third quarter 2006	8,748.1 ^E	8,748.1 ^E	F	F
Fourth quarter 2006	12,749.8 ^E	12,709.0 ^E	F	F
First quarter 2007	9,552.5^E	9,552.5^E	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				
Second quarter 2006	82,393.0 A	75,620.7 A	1,715.2 C	5,057.1 B
Third quarter 2006	90,994.3 A	82,783.8 A	2,124.2 C	6,086.4 B
Fourth quarter 2006	80,865.9 A	73,872.2 B	2,053.7 C	4,940.0 B
First quarter 2007	74,931.0 A	67,495.9 A	1,859.0 C	5,576.1 B
Sunday				
Second quarter 2006	7,994.1 C	7,696.8 C	F	229.4 D
Third quarter 2006	12,652.7 C	12,149.4 C	F	389.8 D
Fourth quarter 2006	8,714.0 D	8,263.8 D	F	356.5 E
First quarter 2007	6,715.6 B	6,257.9 C	157.4 E	300.3 C
Monday				
Second quarter 2006	11,546.8 B	10,494.2 B	294.3 D	758.3 B
Third quarter 2006	12,160.2 B	10,933.1 C	231.3 E	995.8 B
Fourth quarter 2006	11,926.5 C	10,708.5 C	304.5 D	913.4 C
First quarter 2007	12,107.9 C	10,952.4 C	233.2 D	922.4 C
Tuesday				
Second quarter 2006	11,482.1 B	10,096.0 B	363.5 D	1,022.7 B
Third quarter 2006	13,282.2 B	11,699.2 C	380.4 D	1,202.5 B
Fourth quarter 2006	11,727.0 C	10,403.9 C	421.8 C	901.2 B
First quarter 2007	12,009.2 B	10,698.8 B	326.5 D	983.8 C
Wednesday				
Second quarter 2006	12,215.2 B	10,909.8 B	297.0 D	1,008.5 B
Third quarter 2006	14,420.6 B	12,808.8 B	494.4 C	1,117.5 B
Fourth quarter 2006	13,215.1 B	12,011.1 B	292.8 D	911.2 B
First quarter 2007	11,606.0 B	10,231.5 B	289.7 D	1,084.8 B
Thursday				
Second quarter 2006	14,281.7 B	12,997.4 B	320.2 D	964.1 B
Third quarter 2006	13,280.8 B	11,818.2 C	274.7 D	1,188.0 B
Fourth quarter 2006	11,562.2 B	10,218.5 C	525.9 C	817.8 B
First quarter 2007	10,925.3 B	9,486.4 B	393.9 C	1,045.0 B
Friday				
Second quarter 2006	14,741.9 C	13,638.5 C	299.1 E	804.2 C
Third quarter 2006	14,052.1 B	12,771.8 C	388.3 D	892.0 B
Fourth quarter 2006	14,007.1 B	12,881.1 B	360.1 D	765.9 B
First quarter 2007	11,527.5 B	10,379.3 B	324.7 C	823.5 B
Saturday				
Second quarter 2006	10,122.2 C	9,776.5 C	F	272.6 D
Third quarter 2006	11,162.8 C	10,620.9 C	F	302.8 D
Fourth quarter 2006	9,699.5 C	9,370.1 C	F	274.3 D
First quarter 2007	9,998.4 C	9,455.7 C	132.0 E	410.7 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				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Sunday				
Second quarter 2006	16,080.5 ^C	15,743.2 ^C	F	241.8 ^E
Third quarter 2006	25,910.1 ^C	25,299.7 ^C	F	454.5 ^D
Fourth quarter 2006	16,167.9 ^D	15,594.1 ^D	F	429.2 ^E
First quarter 2007	12,306.3^B	11,721.9^B	224.9^E	359.4^D
Monday				
Second quarter 2006	18,019.8 ^C	16,860.4 ^C	378.0 ^D	781.4 ^B
Third quarter 2006	19,664.4 ^C	18,258.1 ^C	310.4 ^E	1,096.0 ^B
Fourth quarter 2006	19,705.7 ^C	18,253.5 ^C	434.2 ^D	1,018.0 ^C
First quarter 2007	17,755.6^C	16,369.4^C	296.5^E	1,089.8^C
Tuesday				
Second quarter 2006	16,232.8 ^B	14,689.8 ^B	452.8 ^D	1,090.2 ^B
Third quarter 2006	19,557.1 ^B	17,636.8 ^C	496.3 ^D	1,424.0 ^B
Fourth quarter 2006	17,201.9 ^C	15,601.3 ^C	577.3 ^D	1,023.3 ^C
First quarter 2007	16,848.6^B	15,312.4^C	444.0^D	1,092.2^C
Wednesday				
Second quarter 2006	18,772.1 ^B	17,317.0 ^B	402.9 ^D	1,052.2 ^B
Third quarter 2006	22,954.2 ^B	21,088.2 ^B	648.1 ^C	1,217.9 ^B
Fourth quarter 2006	20,923.1 ^B	19,520.4 ^B	371.8 ^D	1,030.9 ^B
First quarter 2007	15,939.6^B	14,319.3^B	357.1^D	1,263.1^B
Thursday				
Second quarter 2006	22,152.4 ^C	20,700.1 ^C	411.1 ^D	1,041.2 ^B
Third quarter 2006	19,669.4 ^B	17,947.0 ^C	363.6 ^D	1,358.8 ^C
Fourth quarter 2006	16,494.8 ^C	14,927.8 ^C	678.7 ^C	888.3 ^B
First quarter 2007	14,757.0^B	12,981.2^B	517.9^C	1,257.9^B
Friday				
Second quarter 2006	25,109.5 ^C	23,829.4 ^C	422.3 ^E	857.7 ^C
Third quarter 2006	23,056.6 ^B	21,574.3 ^C	487.3 ^D	995.1 ^C
Fourth quarter 2006	21,956.1 ^B	20,582.0 ^B	471.2 ^D	902.9 ^C
First quarter 2007	16,621.4^B	15,158.9^B	473.1^D	989.4^B
Saturday				
Second quarter 2006	19,859.7 ^C	19,458.9 ^C	F	295.9 ^E
Third quarter 2006	20,675.5 ^C	20,028.1 ^C	F	335.6 ^E
Fourth quarter 2006	17,703.6 ^C	17,300.5 ^C	F	332.6 ^D
First quarter 2007	17,464.2^B	16,827.6^C	162.3^E	474.3^D

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				
Second quarter 2006	82,393.0 ^A	75,620.7 ^A	1,715.2 ^C	5,057.1 ^B
Third quarter 2006	90,994.3 ^A	82,783.8 ^A	2,124.2 ^C	6,086.4 ^B
Fourth quarter 2006	80,865.9 ^A	73,872.2 ^B	2,053.7 ^C	4,940.0 ^B
First quarter 2007	74,931.0^A	67,495.9^A	1,859.0^C	5,576.1^B
Weekends and holidays				
Second quarter 2006	20,700.6 ^B	19,840.2 ^B	214.3 ^E	646.1 ^C
Third quarter 2006	26,548.0 ^B	25,259.9 ^B	391.8 ^E	896.4 ^C
Fourth quarter 2006	21,555.0 ^B	20,434.2 ^B	248.2 ^E	872.5 ^C
First quarter 2007	17,937.6^B	16,814.5^B	268.1^E	854.9^C
Weekdays				
Second quarter 2006	61,692.5 ^B	55,780.5 ^B	1,500.9 ^C	4,411.0 ^B
Third quarter 2006	64,446.3 ^A	57,523.9 ^B	1,732.4 ^B	5,189.9 ^B
Fourth quarter 2006	59,310.8 ^B	53,438.0 ^B	1,805.4 ^C	4,067.4 ^B
First quarter 2007	56,993.5^A	50,681.3^B	1,590.9^B	4,721.2^B
millions of passenger-kilometres				
Total, all days				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Weekends and holidays				
Second quarter 2006	40,530.1 ^B	39,541.8 ^B	301.1 ^E	687.2 ^C
Third quarter 2006	51,592.7 ^B	50,060.9 ^B	519.7 ^E	1,012.1 ^C
Fourth quarter 2006	39,458.5 ^B	38,054.6 ^B	353.1 ^E	1,050.7 ^C
First quarter 2007	31,259.2^B	29,904.7^B	354.1^E	1,000.4^C
Weekdays				
Second quarter 2006	95,696.6 ^B	89,057.0 ^B	1,966.3 ^C	4,673.3 ^B
Third quarter 2006	99,894.5 ^A	91,771.3 ^B	2,253.6 ^C	5,869.6 ^B
Fourth quarter 2006	90,694.7 ^B	83,724.8 ^B	2,395.3 ^C	4,574.6 ^B
First quarter 2007	80,433.5^A	72,786.0^B	2,121.8^C	5,525.7^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				
Second quarter 2006	82,393.0 A	75,620.7 A	1,715.2 C	5,057.1 B
Third quarter 2006	90,994.3 A	82,783.8 A	2,124.2 C	6,086.4 B
Fourth quarter 2006	80,865.9 A	73,872.2 B	2,053.7 C	4,940.0 B
First quarter 2007	74,931.0 A	67,495.9 A	1,859.0 C	5,576.1 B
00:00 to 05:59				
Second quarter 2006	2,608.0 D	1,914.3 E	F	595.3 C
Third quarter 2006	3,053.3 D	2,291.5 E	101.3 E	660.5 C
Fourth quarter 2006	2,750.0 D	2,106.0 E	127.9 E	516.1 C
First quarter 2007	2,425.3 C	1,941.8 D	84.2 E	399.2 C
06:00 to 11:59				
Second quarter 2006	27,077.4 B	24,620.2 B	791.9 B	1,665.3 B
Third quarter 2006	31,249.1 B	28,142.2 B	894.1 C	2,212.7 B
Fourth quarter 2006	27,236.7 B	24,480.7 B	947.1 C	1,808.9 B
First quarter 2007	25,320.2 B	22,437.3 B	766.4 B	2,116.5 B
12:00 to 17:59				
Second quarter 2006	36,829.7 B	34,387.7 B	694.5 C	1,747.6 B
Third quarter 2006	38,953.5 B	35,819.7 B	907.8 B	2,226.0 B
Fourth quarter 2006	35,863.2 B	33,294.9 B	794.1 C	1,774.2 B
First quarter 2007	33,228.6 B	30,205.9 B	796.3 C	2,226.4 B
18:00 to 23:59				
Second quarter 2006	15,877.9 B	14,698.6 C	130.3 E	1,049.0 B
Third quarter 2006	17,738.4 B	16,530.3 B	221.0 E	987.1 C
Fourth quarter 2006	15,015.9 C	13,990.6 C	184.5 E	840.8 B
First quarter 2007	13,957.0 B	12,910.9 B	212.0 D	834.0 C
millions of passenger-kilometres				
Total, all hours				
Second quarter 2006	136,226.7 A	128,598.8 B	2,267.4 C	5,360.6 B
Third quarter 2006	151,487.2 A	141,832.2 A	2,773.3 C	6,881.7 B
Fourth quarter 2006	130,153.2 B	121,779.5 B	2,748.4 C	5,625.3 B
First quarter 2007	111,692.7 A	102,690.7 A	2,475.9 C	6,526.1 B
00:00 to 05:59				
Second quarter 2006	3,615.0 D	2,888.0 E	F	623.0 C
Third quarter 2006	5,060.9 D	4,231.5 E	115.2 E	714.3 C
Fourth quarter 2006	4,136.0 D	3,371.5 E	180.9 E	583.7 C
First quarter 2007	3,389.8 D	2,855.5 D	97.1 E	437.2 D
06:00 to 11:59				
Second quarter 2006	42,177.1 B	39,307.6 B	1,079.8 C	1,789.7 B
Third quarter 2006	48,525.8 B	44,772.4 B	1,169.4 C	2,584.0 B
Fourth quarter 2006	41,937.9 B	38,702.8 B	1,230.8 C	2,004.2 B
First quarter 2007	35,602.1 B	32,173.3 B	989.6 B	2,439.2 B
12:00 to 17:59				
Second quarter 2006	63,065.2 B	60,305.3 B	904.3 C	1,855.7 B
Third quarter 2006	66,388.9 B	62,681.0 B	1,196.9 C	2,511.0 B
Fourth quarter 2006	58,577.1 B	55,452.2 B	1,097.0 C	2,028.0 B
First quarter 2007	50,165.0 B	46,371.5 B	1,106.2 C	2,687.3 B
18:00 to 23:59				
Second quarter 2006	27,369.5 B	26,098.0 B	179.3 E	1,092.2 B
Third quarter 2006	31,511.6 B	30,147.4 B	291.7 E	1,072.4 C
Fourth quarter 2006	25,502.1 C	24,253.0 C	239.7 E	1,009.5 C
First quarter 2007	22,535.9 B	21,290.5 B	282.9 D	962.5 C

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				
Second quarter 2006	82,393.0 ^A	75,620.7 ^A	1,715.2 ^C	5,057.1 ^B
Third quarter 2006	90,994.3 ^A	82,783.8 ^A	2,124.2 ^C	6,086.4 ^B
Fourth quarter 2006	80,865.9 ^A	73,872.2 ^B	2,053.7 ^C	4,940.0 ^B
First quarter 2007	74,931.0^A	67,495.9^A	1,859.0^C	5,576.1^B
00:00 to 05:59				
Second quarter 2006	2,608.0 ^D	1,914.3 ^E	F	595.3 ^C
Third quarter 2006	3,053.3 ^D	2,291.5 ^E	101.3 ^E	660.5 ^C
Fourth quarter 2006	2,750.0 ^D	2,106.0 ^E	127.9 ^E	516.1 ^C
First quarter 2007	2,425.3^C	1,941.8^D	84.2^E	399.2^C
06:00 to 11:59				
Second quarter 2006	27,077.4 ^B	24,620.2 ^B	791.9 ^B	1,665.3 ^B
Third quarter 2006	31,249.1 ^B	28,142.2 ^B	894.1 ^C	2,212.7 ^B
Fourth quarter 2006	27,236.7 ^B	24,480.7 ^B	947.1 ^C	1,808.9 ^B
First quarter 2007	25,320.2^B	22,437.3^B	766.4^B	2,116.5^B
12:00 to 17:59				
Second quarter 2006	36,829.7 ^B	34,387.7 ^B	694.5 ^C	1,747.6 ^B
Third quarter 2006	38,953.5 ^B	35,819.7 ^B	907.8 ^B	2,226.0 ^B
Fourth quarter 2006	35,863.2 ^B	33,294.9 ^B	794.1 ^C	1,774.2 ^B
First quarter 2007	33,228.6^B	30,205.9^B	796.3^C	2,226.4^B
18:00 to 23:59				
Second quarter 2006	15,877.9 ^B	14,698.6 ^C	130.3 ^E	1,049.0 ^B
Third quarter 2006	17,738.4 ^B	16,530.3 ^B	221.0 ^E	987.1 ^C
Fourth quarter 2006	15,015.9 ^C	13,990.6 ^C	184.5 ^E	840.8 ^B
First quarter 2007	13,957.0^B	12,910.9^B	212.0^D	834.0^C
Weekends and holidays				
Total, all hours				
Second quarter 2006	20,700.6 ^B	19,840.2 ^B	214.3 ^E	646.1 ^C
Third quarter 2006	26,548.0 ^B	25,259.9 ^B	391.8 ^E	896.4 ^C
Fourth quarter 2006	21,555.0 ^B	20,434.2 ^B	248.2 ^E	872.5 ^C
First quarter 2007	17,937.6^B	16,814.5^B	268.1^E	854.9^C
00:00 to 05:59				
Second quarter 2006	F	F	F	63.9 ^E
Third quarter 2006	651.4 ^E	F	F	105.7 ^D
Fourth quarter 2006	F	F	F	95.2 ^E
First quarter 2007	345.8^E	F	F	F
06:00 to 11:59				
Second quarter 2006	5,976.2 ^C	5,645.2 ^C	102.6 ^E	228.5 ^D
Third quarter 2006	8,842.7 ^C	8,354.0 ^C	185.8 ^E	302.9 ^C
Fourth quarter 2006	6,598.0 ^C	6,198.0 ^D	111.4 ^E	288.6 ^C
First quarter 2007	5,146.9^C	4,755.4^C	96.0^E	295.4^D
12:00 to 17:59				
Second quarter 2006	9,656.7 ^C	9,341.2 ^C	86.4 ^E	229.1 ^D
Third quarter 2006	11,729.3 ^C	11,285.3 ^C	129.6 ^E	314.4 ^C
Fourth quarter 2006	10,278.4 ^C	9,847.5 ^C	103.4 ^E	327.6 ^C
First quarter 2007	8,466.1^C	7,998.3^C	116.7^E	351.0^C
18:00 to 23:59				
Second quarter 2006	4,522.3 ^D	4,380.2 ^D	F	124.5 ^D
Third quarter 2006	5,324.7 ^D	5,105.5 ^D	F	173.4 ^D
Fourth quarter 2006	3,883.6 ^E	3,695.7 ^E	F	161.2 ^D
First quarter 2007	3,978.8^D	3,773.6^D	43.6^E	161.5^E
Weekdays				
Total, all hours				
Second quarter 2006	61,692.5 ^B	55,780.5 ^B	1,500.9 ^C	4,411.0 ^B
Third quarter 2006	64,446.3 ^A	57,523.9 ^B	1,732.4 ^B	5,189.9 ^B
Fourth quarter 2006	59,310.8 ^B	53,438.0 ^B	1,805.4 ^C	4,067.4 ^B
First quarter 2007	56,993.5^A	50,681.3^B	1,590.9^B	4,721.2^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				
Second quarter 2006	2,062.7 ^D	1,440.6 ^E	F	531.3 ^C
Third quarter 2006	2,401.9 ^D	1,776.5 ^E	70.7 ^E	554.8 ^C
Fourth quarter 2006	1,955.0 ^D	1,413.0 ^E	121.1 ^E	420.9 ^C
First quarter 2007	2,079.5^D	1,654.6^D	72.5^E	352.3^D
06:00 to 11:59				
Second quarter 2006	21,101.1 ^B	18,975.0 ^B	689.4 ^C	1,436.7 ^B
Third quarter 2006	22,406.3 ^B	19,788.2 ^B	708.3 ^C	1,909.9 ^B
Fourth quarter 2006	20,638.7 ^B	18,282.7 ^B	835.7 ^C	1,520.3 ^B
First quarter 2007	20,173.3^B	17,681.9^B	670.3^B	1,821.0^B
12:00 to 17:59				
Second quarter 2006	27,173.1 ^B	25,046.5 ^B	608.1 ^C	1,518.5 ^B
Third quarter 2006	27,224.2 ^B	24,534.4 ^B	778.2 ^B	1,911.6 ^B
Fourth quarter 2006	25,584.8 ^B	23,447.4 ^B	690.8 ^C	1,446.6 ^B
First quarter 2007	24,762.6^B	22,207.6^B	679.6^C	1,875.4^B
18:00 to 23:59				
Second quarter 2006	11,355.6 ^C	10,318.4 ^C	112.7 ^E	924.5 ^C
Third quarter 2006	12,413.7 ^C	11,424.8 ^C	175.2 ^E	813.7 ^C
Fourth quarter 2006	11,132.3 ^C	10,294.8 ^C	157.9 ^E	679.6 ^B
First quarter 2007	9,978.2^B	9,137.3^B	168.4^D	672.5^C

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				
Second quarter 2006	136,226.7 A	128,598.8 B	2,267.4 C	5,360.6 B
Third quarter 2006	151,487.2 A	141,832.2 A	2,773.3 C	6,881.7 B
Fourth quarter 2006	130,153.2 B	121,779.5 B	2,748.4 C	5,625.3 B
First quarter 2007	111,692.7 A	102,690.7 A	2,475.9 C	6,526.1 B
00:00 to 05:59				
Second quarter 2006	3,615.0 D	2,888.0 E	F	623.0 C
Third quarter 2006	5,060.9 D	4,231.5 E	115.2 E	714.3 C
Fourth quarter 2006	4,136.0 D	3,371.5 E	180.9 E	583.7 C
First quarter 2007	3,389.8 D	2,855.5 D	97.1 E	437.2 D
06:00 to 11:59				
Second quarter 2006	42,177.1 B	39,307.6 B	1,079.8 C	1,789.7 B
Third quarter 2006	48,525.8 B	44,772.4 B	1,169.4 C	2,584.0 B
Fourth quarter 2006	41,937.9 B	38,702.8 B	1,230.8 C	2,004.2 B
First quarter 2007	35,602.1 B	32,173.3 B	989.6 B	2,439.2 B
12:00 to 17:59				
Second quarter 2006	63,065.2 B	60,305.3 B	904.3 C	1,855.7 B
Third quarter 2006	66,388.9 B	62,681.0 B	1,196.9 C	2,511.0 B
Fourth quarter 2006	58,577.1 B	55,452.2 B	1,097.0 C	2,028.0 B
First quarter 2007	50,165.0 B	46,371.5 B	1,106.2 C	2,687.3 B
18:00 to 23:59				
Second quarter 2006	27,369.5 B	26,098.0 B	179.3 E	1,092.2 B
Third quarter 2006	31,511.6 B	30,147.4 B	291.7 E	1,072.4 C
Fourth quarter 2006	25,502.1 C	24,253.0 C	239.7 E	1,009.5 C
First quarter 2007	22,535.9 B	21,290.5 B	282.9 D	962.5 C
Weekends and holidays				
Total, all hours				
Second quarter 2006	40,530.1 B	39,541.8 B	301.1 E	687.2 C
Third quarter 2006	51,592.7 B	50,060.9 B	519.7 E	1,012.1 C
Fourth quarter 2006	39,458.5 B	38,054.6 B	353.1 E	1,050.7 C
First quarter 2007	31,259.2 B	29,904.7 B	354.1 E	1,000.4 C
00:00 to 05:59				
Second quarter 2006	F	F	F	65.3 E
Third quarter 2006	1,316.8 E	1,165.8 E	F	119.0 E
Fourth quarter 2006	1,489.8 E	1,358.8 E	F	121.3 E
First quarter 2007	559.8 E	495.0 E	F	F
06:00 to 11:59				
Second quarter 2006	11,370.5 C	10,965.8 C	154.3 E	250.4 D
Third quarter 2006	16,433.7 C	15,821.6 C	263.7 E	348.4 C
Fourth quarter 2006	12,006.0 C	11,530.9 C	146.9 E	328.2 D
First quarter 2007	8,391.7 C	7,920.5 C	122.6 E	348.6 E
12:00 to 17:59				
Second quarter 2006	19,664.4 B	19,308.1 B	115.1 E	241.3 D
Third quarter 2006	23,495.4 C	22,970.2 C	173.4 E	351.7 C
Fourth quarter 2006	18,392.1 C	17,839.3 C	161.4 E	391.3 C
First quarter 2007	14,840.1 B	14,254.2 B	160.6 E	425.4 C
18:00 to 23:59				
Second quarter 2006	8,642.5 C	8,489.3 C	F	130.3 D
Third quarter 2006	10,346.9 C	10,103.2 C	F	193.0 D
Fourth quarter 2006	7,570.6 D	7,325.6 D	F	210.0 D
First quarter 2007	7,467.7 C	7,235.0 C	F	173.8 E
Weekdays				
Total, all hours				
Second quarter 2006	95,696.6 B	89,057.0 B	1,966.3 C	4,673.3 B
Third quarter 2006	99,894.5 A	91,771.3 B	2,253.6 C	5,869.6 B
Fourth quarter 2006	90,694.7 B	83,724.8 B	2,395.3 C	4,574.6 B
First quarter 2007	80,433.5 A	72,786.0 B	2,121.8 C	5,525.7 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				
Second quarter 2006	2,762.3 ^D	2,109.4 ^E	F	557.7 ^C
Third quarter 2006	3,744.2 ^E	3,065.7 ^E	83.2 ^E	595.3 ^C
Fourth quarter 2006	2,646.2 ^E	2,012.7 ^E	F	462.4 ^C
First quarter 2007	2,830.0^D	2,360.5^E	85.1^E	384.4^D
06:00 to 11:59				
Second quarter 2006	30,806.6 ^B	28,341.8 ^C	925.5 ^C	1,539.4 ^B
Third quarter 2006	32,092.1 ^B	28,950.8 ^B	905.7 ^C	2,235.6 ^B
Fourth quarter 2006	29,931.9 ^B	27,171.9 ^B	1,084.0 ^C	1,676.0 ^B
First quarter 2007	27,210.4^B	24,252.8^B	867.0^C	2,090.6^B
12:00 to 17:59				
Second quarter 2006	43,400.8 ^B	40,997.2 ^B	789.2 ^C	1,614.4 ^B
Third quarter 2006	42,893.6 ^B	39,710.7 ^B	1,023.6 ^C	2,159.3 ^B
Fourth quarter 2006	40,185.0 ^B	37,612.9 ^B	935.5 ^C	1,636.6 ^B
First quarter 2007	35,324.9^B	32,117.3^B	945.7^C	2,261.9^B
18:00 to 23:59				
Second quarter 2006	18,727.0 ^C	17,608.6 ^C	156.5 ^E	961.9 ^C
Third quarter 2006	21,164.7 ^B	20,044.2 ^C	241.1 ^E	879.4 ^C
Fourth quarter 2006	17,931.5 ^C	16,927.3 ^C	204.6 ^E	799.5 ^B
First quarter 2007	15,068.2^B	14,055.4^B	224.0^D	788.7^C

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				
Second quarter 2006	82,393.0 ^A	75,620.7 ^A	1,715.2 ^C	5,057.1 ^B
Third quarter 2006	90,994.3 ^A	82,783.8 ^A	2,124.2 ^C	6,086.4 ^B
Fourth quarter 2006	80,865.9 ^A	73,872.2 ^B	2,053.7 ^C	4,940.0 ^B
First quarter 2007	74,931.0^A	67,495.9^A	1,859.0^C	5,576.1^B
Roads with posted maximum speed of 80 kilometres per hour or more				
Second quarter 2006	42,983.9 ^B	38,638.1 ^B	841.1 ^C	3,504.8 ^B
Third quarter 2006	50,065.6 ^B	44,786.0 ^B	1,130.3 ^C	4,149.3 ^B
Fourth quarter 2006	40,621.5 ^B	36,248.6 ^B	1,171.9 ^C	3,200.9 ^B
First quarter 2007	38,421.0^B	33,163.9^B	1,037.3^C	4,219.8^B
All other roads				
Second quarter 2006	39,409.1 ^C	36,982.6 ^C	874.2 ^C	1,552.4 ^C
Third quarter 2006	40,928.7 ^C	37,997.8 ^C	993.9 ^C	1,937.1 ^C
Fourth quarter 2006	40,244.4 ^B	37,623.6 ^C	881.8 ^C	1,739.1 ^B
First quarter 2007	36,510.1^B	34,332.0^B	821.7^C	1,356.3^C
millions of passenger-kilometres				
Total, all roads				
Second quarter 2006	136,226.7 ^A	128,598.8 ^B	2,267.4 ^C	5,360.6 ^B
Third quarter 2006	151,487.2 ^A	141,832.2 ^A	2,773.3 ^C	6,881.7 ^B
Fourth quarter 2006	130,153.2 ^B	121,779.5 ^B	2,748.4 ^C	5,625.3 ^B
First quarter 2007	111,692.7^A	102,690.7^A	2,475.9^C	6,526.1^B
Roads with posted maximum speed of 80 kilometres per hour or more				
Second quarter 2006	73,186.6 ^B	68,394.2 ^B	1,131.1 ^C	3,661.3 ^B
Third quarter 2006	85,554.1 ^B	79,454.1 ^B	1,383.7 ^C	4,716.3 ^B
Fourth quarter 2006	65,488.0 ^B	60,200.4 ^B	1,521.6 ^C	3,766.0 ^B
First quarter 2007	56,811.8^B	50,561.1^B	1,454.0^C	4,796.6^B
All other roads				
Second quarter 2006	63,040.1 ^B	60,204.6 ^B	1,136.3 ^C	1,699.3 ^C
Third quarter 2006	65,933.1 ^B	62,378.2 ^C	1,389.5 ^C	2,165.4 ^C
Fourth quarter 2006	64,665.2 ^B	61,579.0 ^C	1,226.8 ^C	1,859.3 ^C
First quarter 2007	54,880.9^B	52,129.6^B	1,021.9^C	1,729.5^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					
Second quarter 2006	15,181.9 ^B	6,372.8 ^B	2,889.4 ^E	2,444.0 ^D	7,883.1 ^A
Third quarter 2006	15,482.1 ^B	5,904.6 ^C	2,730.6 ^E	2,832.5 ^D	10,238.0 ^A
Fourth quarter 2006	13,956.9 ^B	6,090.4 ^C	2,367.2 ^E	2,388.0 ^D	9,883.8 ^B
First quarter 2007	12,488.7^B	6,403.2^C	2,277.3^E	2,034.1^E	8,371.8^C
Driver's regular workplace					
Second quarter 2006	6,329.5 ^B	2,532.1 ^D	F	F	1,972.9 ^C
Third quarter 2006	5,588.5 ^C	3,515.6 ^D	F	F	1,794.5 ^C
Fourth quarter 2006	5,919.0 ^C	2,530.0 ^E	F	F	1,280.7 ^B
First quarter 2007	5,690.4^C	1,465.1^E	F	F	1,679.1^E
Shopping centre, bank or other place of personal business					
Second quarter 2006	2,673.6 ^D	F	F	F	1,115.7 ^C
Third quarter 2006	3,455.6 ^E	F	F	F	1,054.3 ^C
Fourth quarter 2006	2,705.5 ^E	F	F	F	871.1 ^C
First quarter 2007	2,593.3^E	F	F	F	F
Leisure, entertainment, recreational facility or restaurant					
Second quarter 2006	2,668.0 ^C	F	F	499.7 ^E	931.4 ^D
Third quarter 2006	3,273.2 ^D	F	F	F	1,261.3 ^B
Fourth quarter 2006	2,396.1 ^D	F	F	F	1,054.9 ^C
First quarter 2007	2,146.6^E	F	F	F	1,328.3^E
Other					
Second quarter 2006	8,791.4 ^B	985.7 ^C	1,394.8 ^C	1,071.1 ^C	7,350.1 ^C
Third quarter 2006	10,650.9 ^B	1,106.4 ^B	1,245.4 ^B	1,365.3 ^B	7,713.3 ^C
Fourth quarter 2006	9,768.9 ^B	1,150.0 ^C	1,194.3 ^C	1,078.8 ^C	6,670.2 ^B
First quarter 2007	7,730.9^C	1,318.1^E	F	F	4,664.0^E
millions of passenger-kilometres					
Driver's home					
Second quarter 2006	26,460.5 ^C	7,004.7 ^D	5,701.4 ^E	4,697.6 ^D	14,420.4 ^B
Third quarter 2006	25,665.2 ^B	6,824.3 ^D	4,606.4 ^E	5,274.2 ^E	18,095.2 ^B
Fourth quarter 2006	23,363.5 ^B	7,267.3 ^D	3,772.4 ^E	4,577.5 ^E	16,756.3 ^B
First quarter 2007	18,923.6^B	8,438.1^D	3,221.7^E	3,758.6^E	12,542.0^C
Driver's regular workplace					
Second quarter 2006	7,239.6 ^C	2,991.6 ^E	F	F	2,619.8 ^D
Third quarter 2006	6,889.3 ^D	5,641.5 ^E	F	F	2,473.6 ^C
Fourth quarter 2006	7,051.8 ^D	3,340.8 ^E	F	F	1,757.7 ^C
First quarter 2007	6,777.8^D	1,665.7^E	F	F	2,292.3^E
Shopping centre, bank or other place of personal business					
Second quarter 2006	4,774.0 ^E	F	F	F	2,183.2 ^C
Third quarter 2006	6,206.1 ^E	F	F	F	2,226.1 ^C
Fourth quarter 2006	4,737.5 ^E	F	F	F	1,449.1 ^C
First quarter 2007	3,860.6^E	F	F	F	F
Leisure, entertainment, recreational facility or restaurant					
Second quarter 2006	5,483.0 ^D	F	F	1,182.8 ^E	2,335.3 ^E
Third quarter 2006	6,791.6 ^D	F	F	F	2,953.5 ^B
Fourth quarter 2006	4,777.4 ^E	F	F	F	2,047.2 ^C
First quarter 2007	3,951.4^E	F	F	F	2,626.7^E
Other					
Second quarter 2006	14,394.0 ^B	1,224.2 ^C	2,730.0 ^D	2,545.7 ^C	16,300.8 ^D
Third quarter 2006	19,229.1 ^B	1,615.5 ^D	2,524.5 ^B	3,084.8 ^B	15,838.3 ^C
Fourth quarter 2006	16,753.0 ^B	1,512.2 ^C	2,584.6 ^D	2,331.3 ^C	13,543.5 ^B
First quarter 2007	11,997.6^C	F	F	1,654.9^E	8,790.3^D

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		
Second quarter 2006	75,620.7 ^A	128,598.8 ^B
Third quarter 2006	82,783.8 ^A	141,832.2 ^A
Fourth quarter 2006	73,872.2 ^B	121,779.5 ^B
First quarter 2007	67,495.9 ^A	102,690.7 ^A
Yes		
Second quarter 2006	16,939.6 ^C	23,613.0 ^D
Third quarter 2006	19,622.8 ^B	26,842.5 ^C
Fourth quarter 2006	15,486.2 ^B	20,589.3 ^C
First quarter 2007	13,467.0 ^B	16,875.4 ^C
No		
Second quarter 2006	58,679.4 ^A	104,982.4 ^B
Third quarter 2006	63,157.3 ^B	114,986.1 ^B
Fourth quarter 2006	58,386.0 ^B	101,190.2 ^B
First quarter 2007	54,028.9 ^A	85,815.3 ^B

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			
	First quarter 2007	Fourth quarter 2006	Third quarter 2006	Second quarter 2006	First quarter 2007	Fourth quarter 2006	Third quarter 2006	Second quarter 2006
millions of vehicle-kilometres								
Total, all groups								
Driving to or from service call	455.3 ^E	359.1 ^E	430.2 ^E	315.5 ^E	237.1 ^E	134.3 ^E	396.5 ^E	157.4 ^E
Carrying goods or equipment	747.7 ^D	1,001.9 ^D	1,022.5 ^D	937.0 ^D	4,164.1 ^B	4,107.6 ^B	4,597.9 ^B	3,944.4 ^B
Empty	F	F	335.3 ^E	F	600.0 ^C	518.5 ^D	893.0 ^D	704.9 ^D
Other work purpose	162.2 ^E	158.9 ^E	F	F	362.5 ^E	F	F	F
Non-work purpose	413.2 ^E	484.0 ^E	277.7 ^E	215.6 ^E	212.4 ^E	169.8 ^E	108.6 ^E	206.4 ^E
Total	1,859.0^C	2,053.7^C	2,124.2^C	1,715.2^C	5,576.1^B	4,940.0^B	6,086.4^B	5,057.1^B
Straight trucks								
Driving to or from service call	406.8 ^E	347.8 ^E	421.1 ^E	314.1 ^E	F	F	F	F
Carrying goods or equipment	723.6 ^D	900.0 ^D	987.9 ^D	915.5 ^D	618.1 ^E	712.4 ^D	575.8 ^E	678.9 ^E
Empty	F	F	315.6 ^E	F	F	F	F	F
Other work purpose	161.8 ^E	F	F	F	F	F	F	F
Non-work purpose	408.3 ^E	444.6 ^E	275.6 ^E	215.6 ^E	F	F	F	F
Total	1,781.0^C	1,887.0^C	2,055.1^C	1,689.0^C	844.0^D	860.3^D	800.7^D	942.7^D
Other trucks over 4.5 tonnes								
Driving to or from service call	F	F	F	F	F	F	327.1 ^E	F
Carrying goods or equipment	F	F	F	F	3,546.1 ^B	3,395.2 ^B	4,022.0 ^B	3,265.5 ^B
Empty	F	F	F	F	556.3 ^D	489.2 ^E	816.6 ^D	572.9 ^E
Other work purpose	F	F	F	F	305.5 ^E	F	F	F
Non-work purpose	F	F	F	F	F	108.8 ^E	F	175.2 ^E
Total	F	F	F	F	4,732.2^B	4,079.6^B	5,285.7^B	4,114.4^B
millions of passenger-kilometres								
Total, all groups								
Driving to or from service call	525.4 ^E	466.6 ^E	603.0 ^E	456.9 ^E	391.2 ^E	156.2 ^E	693.2 ^E	213.1 ^E
Carrying goods or equipment	1,011.9 ^D	1,142.3 ^E	1,286.8 ^E	1,098.7 ^D	4,507.6 ^B	4,689.9 ^B	5,038.2 ^B	4,132.0 ^B
Empty	F	F	336.8 ^E	F	736.1 ^D	593.8 ^E	934.9 ^D	738.2 ^D
Other work purpose	206.4 ^E	256.5 ^E	F	281.4 ^E	668.0 ^E	F	F	F
Non-work purpose	635.9 ^E	808.9 ^E	464.0 ^E	354.7 ^E	223.2 ^E	175.6 ^E	115.4 ^E	209.4 ^E
Total	2,475.9^C	2,748.4^C	2,773.3^C	2,267.4^C	6,526.1^B	5,625.3^B	6,881.7^B	5,360.6^B
Straight trucks								
Driving to or from service call	476.8 ^E	455.3 ^E	592.7 ^E	454.6 ^E	F	F	F	F
Carrying goods or equipment	973.8 ^D	1,037.5 ^D	1,250.8 ^D	1,075.0 ^C	703.6 ^D	808.9 ^E	769.6 ^E	714.6 ^E
Empty	F	F	316.4 ^E	F	F	F	F	F
Other work purpose	205.8 ^E	241.9 ^E	F	278.2 ^E	F	F	F	F
Non-work purpose	630.5 ^E	760.8 ^E	461.8 ^E	354.7 ^E	F	F	F	F
Total	2,383.3^C	2,563.0^C	2,700.7^C	2,238.2^C	982.4^D	961.1^D	1,035.4^D	1,012.4^D
Other trucks over 4.5 tonnes								
Driving to or from service call	F	F	F	F	F	F	603.1 ^E	F
Carrying goods or equipment	F	F	F	F	3,804.0 ^B	3,881.0 ^B	4,268.7 ^B	3,417.4 ^B
Empty	F	F	F	F	672.2 ^D	563.7 ^E	852.1 ^D	598.2 ^E
Other work purpose	F	F	F	F	608.6 ^E	F	F	F
Non-work purpose	F	F	F	F	F	F	F	175.6 ^E
Total	F	F	F	F	5,543.7^B	4,664.2^B	5,846.3^B	4,348.2^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			
Second quarter 2006	6,772.3 A	1,715.2 B	5,057.1 B
Third quarter 2006	8,210.5 A	2,124.2 B	6,086.4 B
Fourth quarter 2006	6,993.7 A	2,053.7 B	4,940.0 B
First quarter 2007	7,435.1 A	1,859.0 B	5,576.1 A
With dangerous goods			
Second quarter 2006	535.7 D	228.9 E	306.8 E
Third quarter 2006	820.2 D	F	670.6 D
Fourth quarter 2006	474.7 E	F	428.0 E
First quarter 2007	266.8 E	F	245.3 E
Without dangerous goods			
Second quarter 2006	6,236.7 B	1,486.3 C	4,750.4 B
Third quarter 2006	7,390.4 B	1,974.7 C	5,415.7 B
Fourth quarter 2006	6,518.9 B	2,006.9 C	4,512.0 B
First quarter 2007	7,168.4 B	1,837.6 C	5,330.8 B
millions of passenger-kilometres			
Total with or without dangerous goods			
Second quarter 2006	7,627.9 A	2,267.4 B	5,360.6 B
Third quarter 2006	9,655.0 A	2,773.3 B	6,881.7 B
Fourth quarter 2006	8,373.7 A	2,748.4 B	5,625.3 B
First quarter 2007	9,002.0 A	2,475.9 B	6,526.1 A
With dangerous goods			
Second quarter 2006	539.4 D	229.3 E	310.1 E
Third quarter 2006	829.7 D	F	675.0 D
Fourth quarter 2006	495.7 E	F	430.5 E
First quarter 2007	275.8 E	F	254.2 E
Without dangerous goods			
Second quarter 2006	7,088.5 B	2,038.1 C	5,050.4 B
Third quarter 2006	8,825.3 B	2,618.6 C	6,206.8 B
Fourth quarter 2006	7,877.9 B	2,683.1 C	5,194.8 B
First quarter 2007	8,726.2 B	2,454.3 C	6,271.9 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								
Second quarter 2006	36,701.6 ^B	F	36,701.6 ^B	F	...	...	...	...
Third quarter 2006	38,185.4 ^C	F	38,185.4 ^C	F	...	...	...	...
Fourth quarter 2006	40,038.3 ^B	F	40,038.3 ^B	F	...	...	...	...
First quarter 2007	31,688.5^B	F	31,688.5^B	F	...	...	...	...
Station wagon								
Second quarter 2006	F	F	F	F	...	...	...	...
Third quarter 2006	F	F	F	F	...	...	...	...
Fourth quarter 2006	F	F	F	F	...	...	...	...
First quarter 2007	643.3^E	F	643.3^E	F	...	...	...	...
Van								
Second quarter 2006	13,576.1 ^D	F	13,560.0 ^D	F	F	F	...	...
Third quarter 2006	15,288.5 ^D	F	15,217.0 ^D	F	F	F	...	...
Fourth quarter 2006	10,014.2 ^E	F	9,947.2 ^E	F	F	F	...	...
First quarter 2007	11,207.9^C	F	11,135.3^C	F	F	F	...	...
SUV								
Second quarter 2006	7,258.3 ^E	F	7,258.3 ^E	F	...	...	...	...
Third quarter 2006	7,467.1 ^E	F	7,467.1 ^E	F	...	...	...	...
Fourth quarter 2006	5,757.1 ^E	F	5,757.1 ^E	F	...	...	...	...
First quarter 2007	10,237.5^D	F	10,237.5^D	F	...	...	...	...
Pickup								
Second quarter 2006	13,046.2 ^C	2,069.1 ^E	12,990.7 ^C	1,601.8 ^E	F	467.2 ^E	...	...
Third quarter 2006	15,400.1 ^C	1,987.5 ^E	15,368.2 ^C	1,633.8 ^E	F	353.7 ^E	...	...
Fourth quarter 2006	12,506.3 ^C	2,601.7 ^E	12,382.1 ^C	2,094.8 ^E	F	506.9 ^E	...	...
First quarter 2007	11,010.6^D	2,129.4^E	10,893.5^D	1,806.6^E	F	322.8^D	...	...
Straight truck								
Second quarter 2006	F	1,917.7 ^B	F	F	F	959.8 ^C	F	931.1 ^C
Third quarter 2006	582.8 ^E	2,062.0 ^B	F	F	276.2 ^E	1,214.2 ^C	F	800.5 ^C
Fourth quarter 2006	F	1,825.7 ^C	F	F	F	972.4 ^C	F	853.4 ^C
First quarter 2007	199.7^E	1,832.7^C	F	F	F	999.1^C	F	833.5^C
Tractor trailer								
Second quarter 2006	...	4,104.0 ^B	...	...	...	F	...	4,077.8 ^B
Third quarter 2006	...	5,335.0 ^B	...	...	...	F	...	5,269.8 ^B
Fourth quarter 2006	...	4,233.4 ^B	...	...	...	F	...	4,079.4 ^B
First quarter 2007	...	4,793.6^B	...	...	...	77.8^E	...	4,715.8^B
Bus								
Second quarter 2006	F	F	F	F	F	F	...	...
Third quarter 2006	F	F	F	F	F	F	...	...
Fourth quarter 2006	F	F	F	F	F	F	...	...
First quarter 2007	F	F	F	F	F	F	...	...
Other								
Second quarter 2006	F	F	F	F	F	F	...	F
Third quarter 2006	78.3 ^E	F	F	F	F	F	...	F
Fourth quarter 2006	F	F	F	F	F	F	...	F
First quarter 2007	F	F	F	F	F	F	...	F
Total								
Second quarter 2006	72,599.6 ^A	8,835.1 ^B	72,364.7 ^A	2,318.9 ^E	207.4 ^D	1,506.1 ^B	F	5,010.1 ^B
Third quarter 2006	80,355.9 ^A	10,276.4 ^B	79,955.6 ^A	2,476.4 ^D	385.1 ^D	1,728.9 ^B	F	6,071.2 ^B
Fourth quarter 2006	71,133.6 ^A	9,636.1 ^B	70,798.3 ^A	2,991.4 ^D	329.2 ^D	1,711.6 ^B	F	4,933.0 ^B
First quarter 2007	65,071.1^A	9,426.4^B	64,771.8^A	2,355.8^E	288.9^D	1,521.2^B	F	5,549.4^A

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								
Second quarter 2006	3,249.6 ^E	F	3,249.6 ^E	F	...	...	...	...
Third quarter 2006	F	F	F	F	...	...	...	...
Fourth quarter 2006	F	F	F	F	...	...	...	...
First quarter 2007	3,044.3^E	F	3,044.3^E	F	...	...	...	...
Station wagon								
Second quarter 2006	F	F	F	F	...	...	...	...
Third quarter 2006	F	F	F	F	...	...	...	...
Fourth quarter 2006	F	F	F	F	...	...	...	...
First quarter 2007	F	F	F	F	...	...	...	...
Van								
Second quarter 2006	F	F	F	F	F	F	...	...
Third quarter 2006	F	F	F	F	F	F	...	...
Fourth quarter 2006	F	F	F	F	F	F	...	...
First quarter 2007	F	F	F	F	F	F	...	...
SUV								
Second quarter 2006	F	F	F	F	...	...	...	...
Third quarter 2006	F	F	F	F	...	...	...	...
Fourth quarter 2006	F	F	F	F	...	...	...	...
First quarter 2007	F	F	F	F	...	...	...	...
Pickup								
Second quarter 2006	1,787.6 ^E	F	1,773.7 ^E	F	F	89.2 ^E	...	...
Third quarter 2006	2,010.7 ^E	F	2,002.7 ^E	F	F	61.8 ^E	...	...
Fourth quarter 2006	1,743.9 ^E	F	1,717.3 ^E	F	F	112.5 ^E	...	...
First quarter 2007	1,609.0^E	306.7^E	1,585.2^E	F	F	69.5^E	...	...
Straight truck								
Second quarter 2006	F	594.1 ^C	F	F	F	274.2 ^C	F	317.3 ^D
Third quarter 2006	F	528.0 ^C	F	F	58.9 ^E	239.7 ^E	F	282.9 ^C
Fourth quarter 2006	F	561.3 ^C	F	F	F	237.6 ^D	F	323.7 ^C
First quarter 2007	F	514.2^C	F	F	F	212.7^D	F	301.5^D
Tractor trailer								
Second quarter 2006	...	1,445.6 ^B	...	...	...	F	...	1,433.3 ^B
Third quarter 2006	...	1,613.6 ^B	...	...	...	F	...	1,597.4 ^B
Fourth quarter 2006	...	1,499.4 ^B	...	...	...	F	...	1,457.6 ^B
First quarter 2007	...	1,607.5^B	...	...	...	F	...	1,577.4^B
Bus								
Second quarter 2006	F	F	F	F	F	F	...	...
Third quarter 2006	F	F	F	F	F	F	...	...
Fourth quarter 2006	F	F	F	F	F	F	...	...
First quarter 2007	F	F	F	F	F	F	...	...
Other								
Second quarter 2006	F	F	F	F	F	F	...	F
Third quarter 2006	F	F	F	F	F	F	...	F
Fourth quarter 2006	F	F	F	F	F	F	...	F
First quarter 2007	F	F	F	F	F	F	...	F
Total								
Second quarter 2006	7,916.0 ^E	2,415.9 ^B	7,857.5 ^E	F	50.0 ^E	385.4 ^C	F	1,751.2 ^B
Third quarter 2006	8,547.0 ^E	2,491.6 ^C	8,458.6 ^E	F	83.8 ^E	333.0 ^C	F	1,880.9 ^B
Fourth quarter 2006	7,547.6 ^E	2,530.9 ^C	7,470.0 ^E	F	74.8 ^E	405.5 ^C	F	1,781.5 ^B
First quarter 2007	7,419.2^E	2,499.2^B	7,352.6^E	F	63.3^E	332.6^C	F	1,878.9^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
Trucks 4.5 tonnes to 14.9 tonnes					
Second quarter 2006	324,792 ^A	46,516 ^C	46,183 ^C	177,174 ^B	54,919 ^C
Third quarter 2006	358,971 ^A	33,149 ^D	46,722 ^C	209,105 ^B	69,995 ^C
Fourth quarter 2006	316,551 ^A	41,493 ^C	69,173 ^C	162,780 ^B	43,105 ^C
First quarter 2007	355,776^A	42,309^D	62,941^C	177,518^B	73,008^C
Trucks 15 tonnes and over					
Second quarter 2006	296,971 ^A	136,167 ^B	72,667 ^C	62,020 ^C	26,116 ^D
Third quarter 2006	315,988 ^A	149,973 ^B	75,749 ^C	64,316 ^C	25,949 ^D
Fourth quarter 2006	306,779 ^A	143,433 ^B	66,202 ^C	69,986 ^C	27,158 ^D
First quarter 2007	297,241^A	149,884^B	62,405^C	59,600^C	25,352^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					
Second quarter 2006	1,715.2 ^B	317.9 ^E	432.6 ^E	755.2 ^D	F
Third quarter 2006	2,124.2 ^B	F	339.6 ^E	1,228.3 ^D	318.1 ^E
Fourth quarter 2006	2,053.7 ^B	214.7 ^E	597.4 ^E	1,036.0 ^D	F
First quarter 2007	1,859.0^B	F	403.0^E	820.4^D	349.3^E
Passenger-kilometres					
Second quarter 2006	2,267.4 ^B	426.2 ^E	544.5 ^E	1,036.6 ^D	F
Third quarter 2006	2,773.3 ^B	312.2 ^E	F	1,581.3 ^D	484.5 ^E
Fourth quarter 2006	2,748.4 ^B	F	802.8 ^E	1,377.5 ^D	F
First quarter 2007	2,475.9^B	F	511.2^E	1,075.7^C	468.1^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					
Second quarter 2006	5,057.1 ^B	3,126.6 ^B	908.2 ^D	772.4 ^E	249.9 ^E
Third quarter 2006	6,086.4 ^B	3,469.6 ^B	1,400.6 ^E	880.4 ^E	335.7 ^E
Fourth quarter 2006	4,940.0 ^B	2,994.2 ^B	1,040.0 ^D	659.1 ^E	246.7 ^E
First quarter 2007	5,576.1^A	3,255.3^B	1,279.5^D	705.1^E	336.2^E
Passenger-kilometres					
Second quarter 2006	5,360.6 ^B	3,262.0 ^B	975.0 ^D	835.4 ^E	288.3 ^E
Third quarter 2006	6,881.7 ^B	3,786.3 ^C	1,695.2 ^E	1,030.8 ^E	369.4 ^E
Fourth quarter 2006	5,625.3 ^B	3,275.4 ^C	1,301.6 ^D	751.2 ^E	297.0 ^E
First quarter 2007	6,526.1^A	3,744.9^B	1,507.9^D	828.7^E	444.6^E

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					
Second quarter 2006	1,715.2 ^B	1,684.9 ^C	F	F	F
Third quarter 2006	2,124.2 ^B	1,726.1 ^C	157.2 ^E	229.7 ^E	F
Fourth quarter 2006	2,053.7 ^B	1,917.7 ^C	F	F	F
First quarter 2007	1,859.0^B	1,637.8^C	221.0^E	F	F
Passenger-kilometres					
Second quarter 2006	2,267.4 ^B	2,224.9 ^C	F	F	F
Third quarter 2006	2,773.3 ^B	2,296.9 ^C	168.7 ^E	274.9 ^E	F
Fourth quarter 2006	2,748.4 ^B	2,610.5 ^C	F	F	F
First quarter 2007	2,475.9^B	2,068.0^C	407.7^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					
Second quarter 2006	5,057.1 ^B	2,814.4 ^B	879.3 ^D	685.5 ^D	677.9 ^D
Third quarter 2006	6,086.4 ^B	3,634.1 ^B	1,278.1 ^D	970.1 ^E	F
Fourth quarter 2006	4,940.0 ^B	2,966.5 ^B	673.7 ^D	773.3 ^D	526.4 ^E
First quarter 2007	5,576.1^A	3,019.6^B	839.8^D	912.8^D	803.9^E
Passenger-kilometres					
Second quarter 2006	5,360.6 ^B	3,010.7 ^B	904.7 ^D	720.9 ^D	724.3 ^D
Third quarter 2006	6,881.7 ^B	4,197.5 ^B	1,413.6 ^D	1,003.0 ^E	F
Fourth quarter 2006	5,625.3 ^B	3,118.5 ^C	872.0 ^E	909.1 ^D	725.7 ^E
First quarter 2007	6,526.1^A	3,735.3^B	875.1^D	912.8^D	1,002.9^E

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 6745 vehicles out of 19,583,153 from the survey population were drawn for the ten provinces. Another 2932 vehicles out of 55,961 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	62	71	68
Prince Edward Island	73	75	72
Nova Scotia	61	84	77
New Brunswick	66	69	73
Quebec	71	57	75
Ontario	64	69	71
Manitoba	67	72	58
Saskatchewan	65	64	71
Alberta	56	54	49
British Columbia	67	56	69

Table B
Vehicle response rates by territory

	Yukon	Northwest Territories	Nunavut
	percent		
All vehicles	17	13	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.