

Catalogue no. 63-007-X

New Motor Vehicle Sales

October 2010



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- .. not available for a specific reference period
- ... not applicable
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- 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

Note to users

Figures may not add up to totals because of rounding.

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Highlights

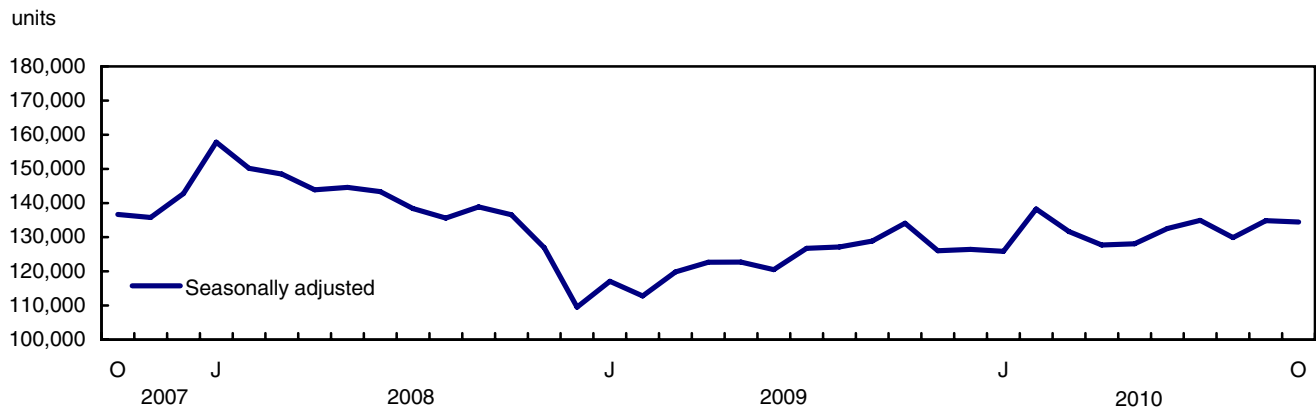
October 2010

The number of new motor vehicles sold in October edged down 0.3% to 134,427 units. Lower sales of trucks were partially offset by higher sales of passenger cars.

Analysis – October 2010

The number of new motor vehicles sold in October edged down 0.3% to 134,427 units. Lower sales of trucks were partially offset by higher sales of passenger cars.

Chart 1
New motor vehicle sales, seasonally adjusted, in units, 2007 to 2010

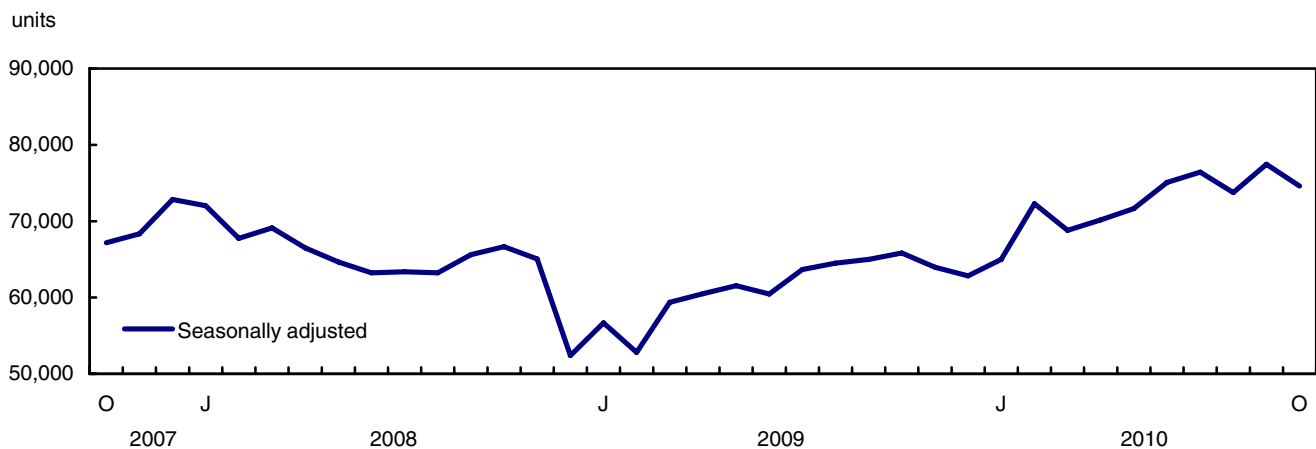


Preliminary industry data indicate that the number of new motor vehicles sold remained unchanged in November.

Sales of trucks down while passenger car sales up

Sales of trucks (which include minivans, sport-utility vehicles, light and heavy trucks, vans and buses) declined 3.7% to 74,614 units in October after increasing the previous month. Despite the decline, trucks sales remained higher than passenger car sales, a trend that began in late 2009. Purchases of trucks for both personal and commercial use have contributed to the growth of truck sales in 2010.

Chart 2
Truck, van and bus sales, seasonally adjusted, in units, 2007 to 2010



Sales of passenger cars were stronger for a second consecutive month, rising 4.2% to 59,813 units in October. The main contributor to the sales increase was North American-built passenger cars, which rose 6.8%. Sales of overseas-built passenger cars increased 1.0%. The level of sales for both North American- and overseas-built passenger cars remained below what was observed in 2009.

Sales down in six provinces

Sales of new motor vehicles declined in six provinces in October.

The biggest decrease in the number of vehicles sold was in Alberta (-7.0%), ending five months of consecutive growth.

Sales in Saskatchewan were down 8.6%. This decline erased gains reported in the previous two months.

In Nova Scotia, sales were down 6.7%, partially offsetting gains made in the previous month.

Sales were up in Quebec for a second consecutive month, increasing 4.1% in October.

Chart 3
Passenger car sales, seasonally adjusted, in units, 2007 to 2010

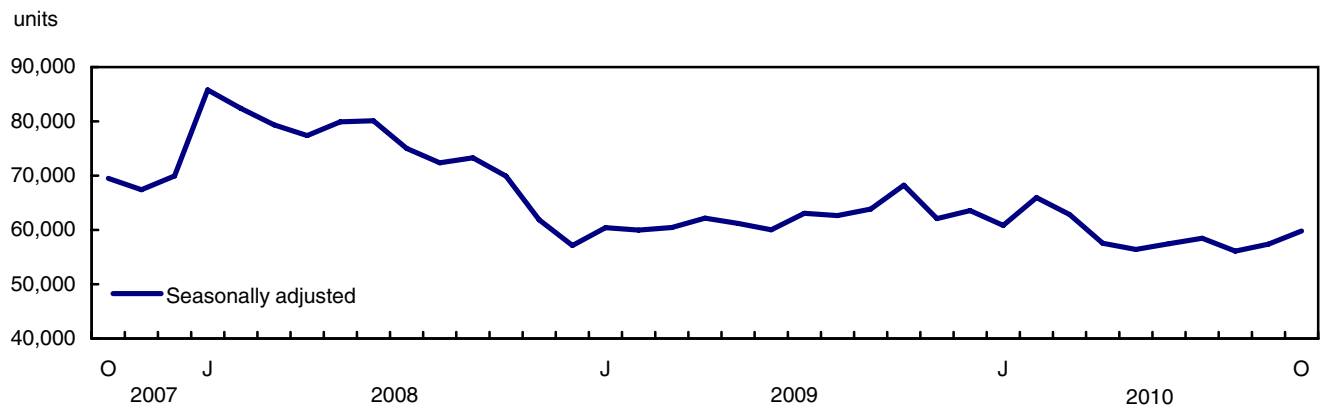


Chart 4
Monthly distribution of the Canadian motor vehicle market (passenger cars), by origin, 2007 to 2010

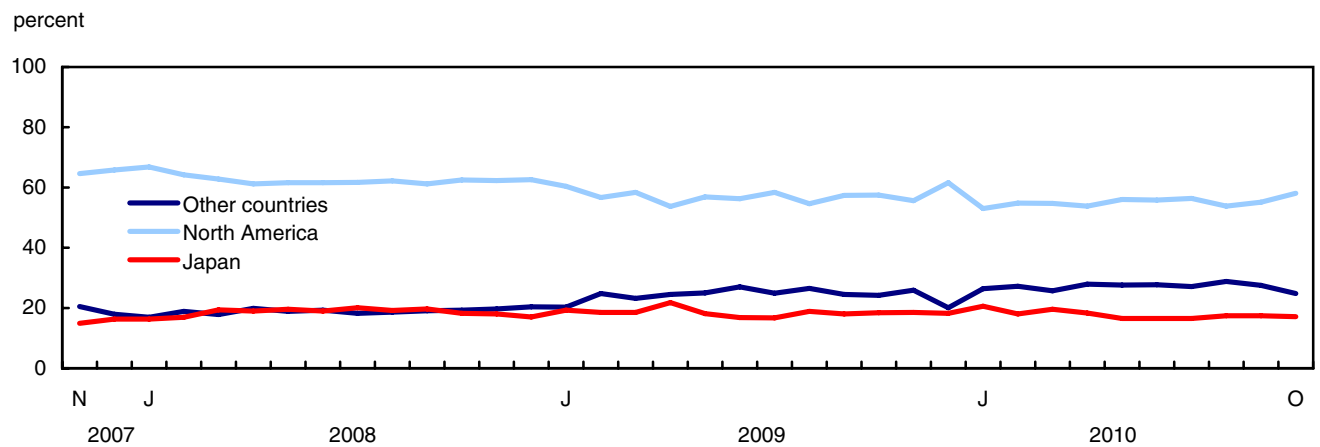
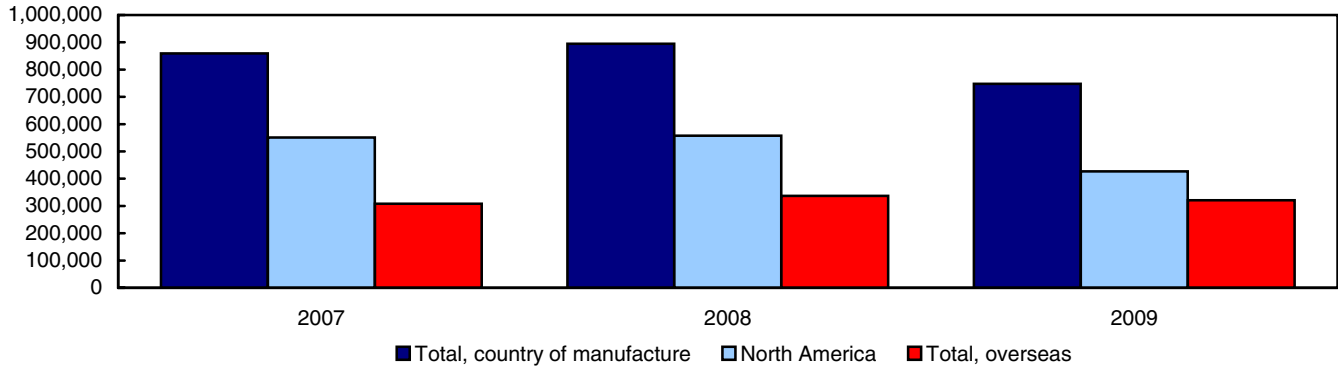


Chart 5
Cumulative sales of new passenger cars, by origin, in units, 2007 to 2009
January to December

millions of units



Related products

Selected publications from Statistics Canada

63-005-X	Retail Trade
63-210-X	Retail Chain and Department Stores
63-236-X	Wholesaling and Retailing in Canada
63-541-X	Retail Commodity Survey, 1989
63F0006X	New Motor Vehicle Sales Seasonal Factors

Selected CANSIM tables from Statistics Canada

079-0003	New motor vehicle sales, Canada, provinces and territories, monthly
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Selected surveys from Statistics Canada

2402	New Motor Vehicle Sales Survey
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Selected summary tables from Statistics Canada

- *New motor vehicle sales, by province (monthly)*
- *Economic indicators, by province and territory (monthly and quarterly)*
- *New motor vehicle sales*
- *New motor vehicle sales, by province*

Statistical tables

Table 1-1
Monthly sales of new motor vehicles, by type and origin in units

	Total new motor vehicles		Passenger cars							
			North America		Japan		Other countries		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	number	%	number	%	number	%	number	%	number	%
2008										
January	105,546	11.8	34,557	25.2	8,443	9.6	8,719	17.7	51,719	21.1
February	113,877	14.0	37,369	23.1	9,839	18.6	11,002	28.0	58,210	23.2
March	153,505	-0.6	50,287	1.5	15,539	9.4	14,298	12.2	80,124	4.8
April	179,289	4.0	60,137	-0.4	18,654	5.7	19,542	35.7	98,333	6.4
May	188,137	-0.5	67,352	3.0	21,388	10.7	20,647	15.7	109,387	6.7
June	163,064	-5.5	59,162	0.8	18,272	12.0	18,557	11.0	95,991	4.6
July	152,704	5.0	52,973	10.8	17,249	21.2	15,604	-0.4	85,826	10.4
August	149,607	-7.0	50,352	-6.3	15,499	6.4	15,072	-4.3	80,923	-3.7
September	137,479	2.2	45,558	0.1	14,681	26.5	14,244	3.7	74,483	5.1
October	126,064	1.6	39,724	0.6	11,545	14.3	12,249	-1.4	63,518	2.4
November	107,709	-10.3	31,930	-15.0	9,211	6.0	10,112	-15.1	51,253	-11.9
December	97,164	-21.0	28,021	-19.6	7,596	-11.9	9,122	-3.9	44,739	-15.6
Year	1,674,145	-1.0	557,422	1.2	167,916	11.0	169,168	8.0	894,506	4.1
2009										
January	78,817	-25.3	21,581	-37.5	6,907	-18.2	7,255	-16.8	35,743	-30.9
February	82,039	-28.0	23,129	-38.1	7,559	-23.2	10,098	-8.2	40,786	-29.9
March	129,831	-15.4	38,347	-23.7	12,138	-21.9	15,210	6.4	65,695	-18.0
April	146,026	-18.6	40,460	-32.7	16,423	-12.0	18,449	-5.6	75,332	-23.4
May	156,025	-17.1	47,369	-29.7	15,020	-29.8	20,792	0.7	83,181	-24.0
June	140,442	-13.9	41,654	-29.6	12,407	-32.1	19,967	7.6	74,028	-22.9
July	141,621	-7.3	42,908	-19.0	12,228	-29.1	18,289	17.2	73,425	-14.4
August	136,971	-8.4	37,309	-25.9	12,947	-16.5	18,127	20.3	68,383	-15.5
September	131,275	-4.5	38,747	-15.0	12,175	-17.1	16,547	16.2	67,469	-9.4
October	123,607	-1.9	35,303	-11.1	11,284	-2.3	14,842	21.2	61,429	-3.3
November	104,589	-2.9	28,504	-10.7	9,477	2.9	13,280	31.3	51,261	0.0
December	113,613	16.9	31,398	12.1	9,295	22.4	10,246	12.3	50,939	13.9
Year	1,484,856	-11.3	426,709	-23.4	137,860	-17.9	183,102	8.2	747,671	-16.4
2010										
January	83,512	6.0	18,910	-12.4	7,361	6.6	9,403	29.6	35,674	-0.2
February	101,788	24.1	24,871	7.5	8,180	8.2	12,366	22.5	45,417	11.4
March	148,052	14.0	38,427	0.2	13,746	13.2	18,079	18.9	70,252	6.9
April	152,187	4.2	37,922	-6.3	12,908	-21.4	19,682	6.7	70,512	-6.4
May	157,082	0.7	41,793	-11.8	12,296	-18.1	20,591	-1.0	74,680	-10.2
June	156,891	11.7	40,725	-2.2	12,069	-2.7	20,212	1.2	73,006	-1.4
July	150,800	6.5	38,221	-10.9	11,170	-8.7	18,394	0.6	67,785	-7.7
August	138,210	0.9	33,006	-11.5	10,669	-17.6	17,632	-2.7	61,307	-10.3
September	137,349	4.6	32,976	-14.9	10,398	-14.6	16,449	-0.6	59,823	-11.3
October	125,731	1.7	32,293	-8.5	9,496	-15.8	13,809	-7.0	55,598	-9.5

See notes at the end of the table.

Table 1-1 – continued

Monthly sales of new motor vehicles, by type and origin in units

	Total new motor vehicles		Trucks ¹					
			North America		Overseas		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	number	%	number	%	number	%	number	%
2008								
January	105,546	11.8	46,838	4.0	6,989	4.9	53,827	4.1
February	113,877	14.0	48,315	4.8	7,352	13.1	55,667	5.8
March	153,505	-0.6	62,765	-8.1	10,616	9.9	73,381	-5.9
April	179,289	4.0	69,143	-1.2	11,813	18.0	80,956	1.2
May	188,137	-0.5	67,385	-11.8	11,365	12.1	78,750	-9.0
June	163,064	-5.5	57,541	-19.7	9,532	5.1	67,073	-16.9
July	152,704	5.0	57,429	-2.7	9,449	9.8	66,878	-1.1
August	149,607	-7.0	58,858	-12.9	9,826	6.4	68,684	-10.6
September	137,479	2.2	53,375	-3.1	9,621	12.3	62,996	-1.0
October	126,064	1.6	52,189	-3.8	10,357	32.8	62,546	0.8
November	107,709	-10.3	48,161	-11.4	8,295	11.3	56,456	-8.7
December	97,164	-21.0	45,140	-24.8	7,285	-26.6	52,425	-25.1
Year	1,674,145	-1.0	667,139	-8.3	112,500	8.6	779,639	-6.2
2009								
January	78,817	-25.3	36,985	-21.0	6,089	-12.9	43,074	-20.0
February	82,039	-28.0	34,939	-27.7	6,314	-14.1	41,253	-25.9
March	129,831	-15.4	56,103	-10.6	8,033	-24.3	64,136	-12.6
April	146,026	-18.6	61,884	-10.5	8,810	-25.4	70,694	-12.7
May	156,025	-17.1	63,116	-6.3	9,728	-14.4	72,844	-7.5
June	140,442	-13.9	57,060	-0.8	9,354	-1.9	66,414	-1.0
July	141,621	-7.3	58,572	2.0	9,624	1.9	68,196	2.0
August	136,971	-8.4	59,643	1.3	8,945	-9.0	68,588	-0.1
September	131,275	-4.5	55,050	3.1	8,756	-9.0	63,806	1.3
October	123,607	-1.9	54,058	3.6	8,120	-21.6	62,178	-0.6
November	104,589	-2.9	46,165	-4.1	7,163	-13.6	53,328	-5.5
December	113,613	16.9	55,731	23.5	6,943	-4.7	62,674	19.5
Year	1,484,856	-11.3	639,306	-4.2	97,879	-13.0	737,185	-5.4
2010								
January	83,512	6.0	41,494	12.2	6,344	4.2	47,838	11.1
February	101,788	24.1	49,027	40.3	7,344	16.3	56,371	36.6
March	148,052	14.0	67,315	20.0	10,485	30.5	77,800	21.3
April	152,187	4.2	71,547	15.6	10,128	15.0	81,675	15.5
May	157,082	0.7	72,085	14.2	10,317	6.1	82,402	13.1
June	156,891	11.7	73,561	28.9	10,324	10.4	83,885	26.3
July	150,800	6.5	72,738	24.2	10,277	6.8	83,015	21.7
August	138,210	0.9	67,111	12.5	9,792	9.5	76,903	12.1
September	137,349	4.6	68,135	23.8	9,391	7.3	77,526	21.5
October	125,731	1.7	60,219	11.4	9,914	22.1	70,133	12.8

1. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.
Note(s): Percentage change are year-over-year changes.

Table 1-2
Monthly sales of new motor vehicles, by type and origin in dollars

	Total new motor vehicles		Passenger cars							
			North America		Japan		Other countries		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	\$'000	%	\$'000	%	\$'000	%	\$'000	%	\$'000	%
2008										
January	3,386,322	8.1	851,241	25.4	203,258	5.9	250,349	10.1	1,304,849	18.8
February	3,560,284	7.4	905,278	21.5	226,614	8.8	298,502	15.1	1,430,394	17.9
March	4,775,620	-4.7	1,206,511	-0.1	368,675	5.8	406,385	-1.1	1,981,570	0.7
April	5,502,356	2.1	1,438,647	-1.8	453,087	6.1	570,437	28.4	2,462,171	5.4
May	5,583,623	-4.6	1,594,777	0.5	505,095	7.8	618,347	17.5	2,718,218	5.3
June	4,935,721	-7.7	1,409,908	-0.1	433,544	10.5	585,413	21.2	2,428,865	6.2
July	4,603,855	2.9	1,242,564	8.0	404,648	18.7	474,076	11.4	2,121,288	10.7
August	4,484,657	-8.6	1,179,815	-8.3	358,465	1.7	440,900	2.2	1,979,181	-4.4
September	4,196,301	0.1	1,077,053	-3.1	335,636	17.9	419,388	6.8	1,832,077	2.4
October	3,955,760	-0.8	935,139	-3.8	278,325	10.1	396,511	10.5	1,609,975	1.6
November	3,392,779	-13.2	750,802	-21.8	219,812	0.2	335,337	-2.3	1,305,952	-14.2
December	3,188,261	-23.4	671,318	-23.5	179,241	-18.9	306,854	0.2	1,157,412	-17.6
Year	51,565,539	-3.9	13,263,053	-1.4	3,966,400	7.0	5,102,499	10.7	22,331,952	2.6
2009										
January	2,474,417	-26.9	507,228	-40.4	165,705	-18.5	211,478	-15.5	884,410	-32.2
February	2,555,416	-28.2	551,107	-39.1	180,252	-20.5	292,192	-2.1	1,023,552	-28.4
March	4,023,591	-15.7	925,045	-23.3	286,613	-22.3	470,337	15.7	1,681,996	-15.1
April	4,414,203	-19.8	976,849	-32.1	367,461	-18.9	527,386	-7.5	1,871,697	-24.0
May	4,824,893	-13.6	1,155,227	-27.6	358,324	-29.1	613,272	-0.8	2,126,824	-21.8
June	4,461,372	-9.6	1,030,140	-26.9	303,416	-30.0	616,397	5.3	1,949,953	-19.7
July	4,372,313	-5.0	1,027,236	-17.3	305,041	-24.6	545,203	15.0	1,877,480	-11.5
August	4,365,353	-2.7	903,862	-23.4	316,646	-11.7	547,004	24.1	1,767,513	-10.7
September	4,166,515	-0.7	924,120	-14.2	292,836	-12.8	499,958	19.2	1,716,914	-6.3
October	4,036,810	2.0	870,534	-6.9	272,213	-2.2	469,490	18.4	1,612,237	0.1
November	3,437,215	1.3	706,632	-5.9	234,744	6.8	414,588	23.6	1,355,965	3.8
December	3,805,490	19.4	768,379	14.5	223,785	24.9	327,706	6.8	1,319,870	14.0
Year	46,937,588	-9.0	10,346,359	-22.0	3,307,036	-16.6	5,535,011	8.5	19,188,411	-14.1
2010										
January	2,833,500	14.5	474,593	-6.4	177,970	7.4	284,295	34.4	936,859	5.9
February	3,312,267	29.6	610,233	10.7	198,112	9.9	372,726	27.6	1,181,072	15.4
March	4,813,649	19.6	945,825	2.2	340,711	18.9	562,869	19.7	1,849,405	10.0
April	4,984,212	12.9	955,079	-2.2	323,502	-12.0	614,913	16.6	1,893,494	1.2
May	5,022,808	4.1	1,031,988	-10.7	304,179	-15.1	637,861	4.0	1,974,028	-7.2
June	5,111,902	14.6	1,002,286	-2.7	310,286	2.3	647,111	5.0	1,959,683	0.5
July	4,870,224	11.4	946,606	-7.8	280,458	-8.1	574,342	5.3	1,801,405	-4.1
August	4,557,166	4.4	818,745	-9.4	259,445	-18.1	553,311	1.2	1,631,501	-7.7
September	4,563,791	9.5	808,781	-12.5	254,411	-13.1	536,317	7.3	1,599,509	-6.8
October	4,228,944	4.8	790,829	-9.2	238,846	-12.3	468,816	-0.1	1,498,491	-7.1

See notes at the end of the table.

Table 1-2 – continued

Monthly sales of new motor vehicles, by type and origin in dollars

	Total new motor vehicles		Trucks ¹					
			North America		Overseas		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	\$'000	%	\$'000	%	\$'000	%	\$'000	%
2008								
January	3,386,322	8.1	1,811,270	1.7	270,204	6.6	2,081,474	2.3
February	3,560,284	7.4	1,849,589	-0.4	280,301	13.6	2,129,889	1.3
March	4,775,620	-4.7	2,401,028	-10.6	393,023	9.9	2,794,050	-8.2
April	5,502,356	2.1	2,602,092	-2.6	438,093	16.0	3,040,185	-0.3
May	5,583,623	-4.6	2,449,907	-15.2	415,498	8.5	2,865,404	-12.5
June	4,935,721	-7.7	2,145,142	-21.1	361,714	6.1	2,506,856	-18.1
July	4,603,855	2.9	2,140,487	-4.0	342,080	5.1	2,482,567	-2.8
August	4,484,657	-8.6	2,144,357	-13.7	361,119	3.0	2,505,476	-11.6
September	4,196,301	0.1	2,006,901	-3.0	357,323	7.2	2,364,224	-1.6
October	3,955,760	-0.8	1,957,062	-7.0	388,723	29.0	2,345,785	-2.5
November	3,392,779	-13.2	1,774,389	-15.4	312,438	9.1	2,086,828	-12.5
December	3,188,261	-23.4	1,754,198	-25.9	276,650	-28.8	2,030,848	-26.3
Year	51,565,539	-3.9	25,036,422	-10.5	4,197,166	6.4	29,233,586	-8.4
2009								
January	2,474,417	-26.9	1,354,960	-25.2	235,048	-13.0	1,590,007	-23.6
February	2,555,416	-28.2	1,287,928	-30.4	243,936	-13.0	1,531,864	-28.1
March	4,023,591	-15.7	2,027,588	-15.6	314,007	-20.1	2,341,595	-16.2
April	4,414,203	-19.8	2,195,008	-15.6	347,498	-20.7	2,542,506	-16.4
May	4,824,893	-13.6	2,315,522	-5.5	382,547	-7.9	2,698,069	-5.8
June	4,461,372	-9.6	2,139,679	-0.3	371,740	2.8	2,511,419	0.2
July	4,372,313	-5.0	2,119,983	-1.0	374,850	9.6	2,494,833	0.5
August	4,365,353	-2.7	2,243,426	4.6	354,414	-1.9	2,597,840	3.7
September	4,166,515	-0.7	2,097,077	4.5	352,524	-1.3	2,449,601	3.6
October	4,036,810	2.0	2,092,221	6.9	332,352	-14.5	2,424,573	3.4
November	3,437,215	1.3	1,781,273	0.4	299,977	-4.0	2,081,250	-0.3
December	3,805,490	19.4	2,193,284	25.0	292,335	5.7	2,485,620	22.4
Year	46,937,588	-9.0	23,847,949	-4.7	3,901,228	-7.1	27,749,177	-5.1
2010								
January	2,833,500	14.5	1,640,621	21.1	256,021	8.9	1,896,642	19.3
February	3,312,267	29.6	1,839,852	42.9	291,344	19.4	2,131,195	39.1
March	4,813,649	19.6	2,540,575	25.3	423,669	34.9	2,964,244	26.6
April	4,984,212	12.9	2,688,034	22.5	402,684	15.9	3,090,718	21.6
May	5,022,808	4.1	2,648,271	14.4	400,509	4.7	3,048,780	13.0
June	5,111,902	14.6	2,746,511	28.4	405,708	9.1	3,152,219	25.5
July	4,870,224	11.4	2,662,257	25.6	406,561	8.5	3,068,818	23.0
August	4,557,166	4.4	2,533,359	12.9	392,306	10.7	2,925,665	12.6
September	4,563,791	9.5	2,577,347	22.9	386,934	9.8	2,964,282	21.0
October	4,228,944	4.8	2,329,711	11.4	400,743	20.6	2,730,454	12.6

1. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

Note(s): Percentage change are year-over-year changes.

Table 2
Average monthly prices of passenger cars, by origin

Period	Total, country of manufacture		North America		Total, overseas		Japan		Other countries	
	Amount	Change	Amount	Change	Amount	Change	Amount	Change	Amount	Change
	\$	%	\$	%	\$	%	\$	%	\$	%
2008										
January	25,230	-1.9	24,633	0.1	26,431	-4.7	24,074	-3.4	28,713	-6.5
February	24,573	-4.3	24,225	-1.3	25,196	-9.0	23,032	-8.2	27,132	-10.1
March	24,731	-3.8	23,993	-1.6	25,976	-7.8	23,726	-3.3	28,423	-11.8
April	25,039	-0.9	23,923	-1.4	26,797	-1.4	24,289	0.4	29,190	-5.4
May	24,850	-1.2	23,678	-2.4	26,726	-0.1	23,616	-2.6	29,949	1.6
June	25,303	1.5	23,831	-0.9	27,667	4.4	23,727	-1.4	31,547	9.1
July	24,716	0.2	23,457	-2.5	26,747	4.3	23,459	-2.1	30,382	11.9
August	24,458	-0.7	23,431	-2.1	26,148	1.2	23,128	-4.4	29,253	6.9
September	24,597	-2.6	23,641	-3.2	26,103	-2.4	22,862	-6.8	29,443	3.0
October	25,347	-0.8	23,541	-4.4	28,362	4.4	24,108	-3.7	32,371	12.0
November	25,480	-2.6	23,514	-7.9	28,730	5.2	23,864	-5.5	33,162	15.1
December	25,870	-2.4	23,958	-4.8	29,076	-0.1	23,597	-7.9	33,639	4.3
Year	24,966	-1.5	23,794	-2.5	26,904	-0.4	23,621	-3.6	30,162	2.5
2009										
January	24,744	-1.9	23,503	-4.6	26,633	0.8	23,991	-0.3	29,149	1.5
February	25,096	2.1	23,828	-1.6	26,757	6.2	23,846	3.5	28,936	6.6
March	25,603	3.5	24,123	0.5	27,678	6.6	23,613	-0.5	30,923	8.8
April	24,846	-0.8	24,144	0.9	25,661	-4.2	22,375	-7.9	28,586	-2.1
May	25,569	2.9	24,388	3.0	27,130	1.5	23,856	1.0	29,496	-1.5
June	26,341	4.1	24,731	3.8	28,412	2.7	24,455	3.1	30,871	-2.1
July	25,570	3.5	23,940	2.1	27,861	4.2	24,946	6.3	29,810	-1.9
August	25,847	5.7	24,226	3.4	27,793	6.3	24,457	5.7	30,176	3.2
September	25,447	3.5	23,850	0.9	27,602	5.7	24,052	5.2	30,214	2.6
October	26,246	3.5	24,659	4.7	28,389	0.1	24,124	0.1	31,633	-2.3
November	26,452	3.8	24,791	5.4	28,533	-0.7	24,770	3.8	31,219	-5.9
December	25,911	0.2	24,472	2.1	28,222	-2.9	24,076	2.0	31,984	-4.9
Year	25,664	2.8	24,247	1.9	27,549	2.4	23,988	1.6	30,229	0.2
2010										
January	26,262	6.1	25,097	6.8	27,575	3.5	24,177	0.8	30,234	3.7
February	26,005	3.6	24,536	3.0	27,783	3.8	24,219	1.6	30,141	4.2
March	26,325	2.8	24,614	2.0	28,392	2.6	24,786	5.0	31,134	0.7
April	26,854	8.1	25,185	4.3	28,795	12.2	25,062	12.0	31,242	9.3
May	26,433	3.4	24,693	1.3	28,645	5.6	24,738	3.7	30,978	5.0
June	26,843	1.9	24,611	-0.5	29,658	4.4	25,709	5.1	32,016	3.7
July	26,575	3.9	24,767	3.5	28,914	3.8	25,108	0.6	31,224	4.7
August	26,612	3.0	24,806	2.4	28,718	3.3	24,318	-0.6	31,381	4.0
September	26,737	5.1	24,526	2.8	29,453	6.7	24,467	1.7	32,605	7.9
October	26,952	2.7	24,489	-0.7	30,365	7.0	25,152	4.3	33,950	7.3

Note(s): Percentage changes shown are year-to-year changes.

Table 3
Monthly market share of new passenger car sales (units), by origin, Canada

Period	Total		Passenger cars					
			North America		Japan		Other countries	
	Units	Market share	Units	Market share	Units	Market share	Units	Market share
	number	%	number	%	number	%	number	%
2008								
January	51,719	100.0	34,557	66.8	8,443	16.3	8,719	16.9
February	58,210	100.0	37,369	64.2	9,839	16.9	11,002	18.9
March	80,124	100.0	50,287	62.8	15,539	19.4	14,298	17.8
April	98,333	100.0	60,137	61.2	18,654	19.0	19,542	19.9
May	109,387	100.0	67,352	61.6	21,388	19.6	20,647	18.9
June	95,991	100.0	59,162	61.6	18,272	19.0	18,557	19.3
July	85,826	100.0	52,973	61.7	17,249	20.1	15,604	18.2
August	80,923	100.0	50,352	62.2	15,499	19.2	15,072	18.6
September	74,483	100.0	45,558	61.2	14,681	19.7	14,244	19.1
October	63,518	100.0	39,724	62.5	11,545	18.2	12,249	19.3
November	51,253	100.0	31,930	62.3	9,211	18.0	10,112	19.7
December	44,739	100.0	28,021	62.6	7,596	17.0	9,122	20.4
Year	894,506	100.0	557,422	62.3	167,916	18.8	169,168	18.9
2009								
January	35,743	100.0	21,581	60.4	6,907	19.3	7,255	20.3
February	40,786	100.0	23,129	56.7	7,559	18.5	10,098	24.8
March	65,695	100.0	38,347	58.4	12,138	18.5	15,210	23.2
April	75,332	100.0	40,460	53.7	16,423	21.8	18,449	24.5
May	83,181	100.0	47,369	56.9	15,020	18.1	20,792	25.0
June	74,028	100.0	41,654	56.3	12,407	16.8	19,967	27.0
July	73,425	100.0	42,908	58.4	12,228	16.7	18,289	24.9
August	68,383	100.0	37,309	54.6	12,947	18.9	18,127	26.5
September	67,469	100.0	38,747	57.4	12,175	18.0	16,547	24.5
October	61,429	100.0	35,303	57.5	11,284	18.4	14,842	24.2
November	51,261	100.0	28,504	55.6	9,477	18.5	13,280	25.9
December	50,939	100.0	31,398	61.6	9,295	18.2	10,246	20.1
Year	747,671	100.0	426,709	57.1	137,860	18.4	183,102	24.5
2010								
January	35,674	100.0	18,910	53.0	7,361	20.6	9,403	26.4
February	45,417	100.0	24,871	54.8	8,180	18.0	12,366	27.2
March	70,252	100.0	38,427	54.7	13,746	19.6	18,079	25.7
April	70,512	100.0	37,922	53.8	12,908	18.3	19,682	27.9
May	74,680	100.0	41,793	56.0	12,296	16.5	20,591	27.6
June	73,006	100.0	40,725	55.8	12,069	16.5	20,212	27.7
July	67,785	100.0	38,221	56.4	11,170	16.5	18,394	27.1
August	61,307	100.0	33,006	53.8	10,669	17.4	17,632	28.8
September	59,823	100.0	32,976	55.1	10,398	17.4	16,449	27.5
October	55,598	100.0	32,293	58.1	9,496	17.1	13,809	24.8

Table 4
Provincial sales of new motor vehicles, by type and origin, in units and dollars, October

Type and origin of vehicles	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Total, new motor vehicles						
2008 (number)	126,064	2,242	383	3,612	2,888	32,053
2009 (number)	123,607	2,266	395	3,585	2,824	31,869
2010 (number)	125,731	2,467	450	3,229	2,851	33,394
2010 / 2009 (%)	1.7	8.9	13.9	-9.9	1.0	4.8
2008 \$'000	3,955,760	59,525	9,905	97,642	80,137	902,571
2009 \$'000	4,036,810	69,312	10,769	104,073	88,329	939,078
2010 \$'000	4,228,944	74,785	12,327	97,453	91,128	1,009,751
2010 / 2009 (%)	4.8	7.9	14.5	-6.4	3.2	7.5
Passenger cars, manufactured in North America						
2008 (number)	39,724	731	172	1,301	975	10,928
2009 (number)	35,303	613	168	1,276	906	10,030
2010 (number)	32,293	727	179	1,048	748	10,479
2010 / 2009 (%)	-8.5	18.6	6.5	-17.9	-17.4	4.5
2008 \$'000	935,139	16,070	3,865	29,500	21,759	245,830
2009 \$'000	870,534	13,744	3,873	29,732	21,785	234,372
2010 \$'000	790,829	15,763	4,157	24,208	17,780	241,600
2010 / 2009 (%)	-9.2	14.7	7.3	-18.6	-18.4	3.1
Passenger cars, manufactured in Japan						
2008 (number)	11,545	x	x	323	x	4,445
2009 (number)	11,284	x	x	283	x	4,668
2010 (number)	9,496	x	x	206	x	3,861
2010 / 2009 (%)	-15.8	x	x	-27.2	x	-17.3
2008 \$'000	278,325	x	x	7,302	x	98,252
2009 \$'000	272,213	x	x	6,692	x	102,038
2010 \$'000	238,846	x	x	5,003	x	88,555
2010 / 2009 (%)	-12.3	x	x	-25.2	x	-13.2
Passenger cars, manufactured in other countries						
2008 (number)	12,249	x	x	405	x	4,533
2009 (number)	14,842	x	x	515	x	5,264
2010 (number)	13,809	x	x	374	x	4,795
2010 / 2009 (%)	-7.0	x	x	-27.4	x	-8.9
2008 \$'000	396,511	x	x	9,398	x	126,484
2009 \$'000	469,490	x	x	12,813	x	151,516
2010 \$'000	468,816	x	x	9,921	x	150,456
2010 / 2009 (%)	-0.1	x	x	-22.6	x	-0.7
Trucks ¹, manufactured in North America						
2008 (number)	52,189	x	x	1,377	1,186	9,321
2009 (number)	54,058	x	x	1,327	1,297	9,911
2010 (number)	60,219	x	x	1,421	1,483	11,285
2010 / 2009 (%)	11.4	x	x	7.1	14.3	13.9
2008 \$'000	1,957,062	x	x	44,523	40,711	328,665
2009 \$'000	2,092,221	x	x	47,925	50,505	372,248
2010 \$'000	2,329,711	x	x	51,750	56,737	415,468
2010 / 2009 (%)	11.4	x	x	8.0	12.3	11.6
Trucks ¹, manufactured overseas						
2008 (number)	10,357	x	x	206	191	2,826
2009 (number)	8,120	x	x	184	140	1,996
2010 (number)	9,914	x	x	180	171	2,974
2010 / 2009 (%)	22.1	x	x	-2.2	22.1	49.0
2008 \$'000	388,723	x	x	6,919	6,190	103,340
2009 \$'000	332,352	x	x	6,910	4,826	78,905
2010 \$'000	400,743	x	x	6,572	5,853	113,674
2010 / 2009 (%)	20.6	x	x	-4.9	21.3	44.1

See notes at the end of the table.

Table 4 – continued

Provincial sales of new motor vehicles, by type and origin, in units and dollars, October

Type and origin of vehicles	Canada	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and the Territories ²
Total, new motor vehicles						
2008 (number)	126,064	45,642	3,764	4,056	18,640	12,784
2009 (number)	123,607	45,635	3,849	4,158	16,167	12,859
2010 (number)	125,731	47,553	3,541	3,772	16,117	12,357
2010 / 2009 (%)	1.7	4.2	-8.0	-9.3	-0.3	-3.9
2008 \$'000	3,955,760	1,471,383	126,716	133,134	651,904	422,844
2009 \$'000	4,036,810	1,520,546	124,665	144,238	582,760	453,043
2010 \$'000	4,228,944	1,645,204	121,683	136,717	596,117	443,779
2010 / 2009 (%)	4.8	8.2	-2.4	-5.2	2.3	-2.0
Passenger cars, manufactured in North America						
2008 (number)	39,724	15,918	1,191	1,060	4,144	3,304
2009 (number)	35,303	14,477	1,043	845	3,248	2,697
2010 (number)	32,293	12,629	836	663	2,406	2,578
2010 / 2009 (%)	-8.5	-12.8	-19.8	-21.5	-25.9	-4.4
2008 \$'000	935,139	384,101	28,071	25,502	104,026	76,417
2009 \$'000	870,534	365,358	25,495	21,022	86,881	68,273
2010 \$'000	790,829	319,778	20,783	17,339	63,298	66,123
2010 / 2009 (%)	-9.2	-12.5	-18.5	-17.5	-27.1	-3.1
Passenger cars, manufactured in Japan						
2008 (number)	11,545	3,483	198	173	1,103	1,441
2009 (number)	11,284	3,339	216	140	905	1,369
2010 (number)	9,496	3,167	192	89	748	959
2010 / 2009 (%)	-15.8	-5.2	-11.1	-36.4	-17.3	-29.9
2008 \$'000	278,325	92,778	4,798	4,185	28,457	34,982
2009 \$'000	272,213	88,930	5,199	3,402	24,045	34,036
2010 \$'000	238,846	86,790	4,675	2,259	20,486	24,993
2010 / 2009 (%)	-12.3	-2.4	-10.1	-33.6	-14.8	-26.6
Passenger cars, manufactured in other countries						
2008 (number)	12,249	3,901	202	184	1,061	1,402
2009 (number)	14,842	5,352	268	184	1,062	1,650
2010 (number)	13,809	5,080	223	197	996	1,543
2010 / 2009 (%)	-7.0	-5.1	-16.8	7.1	-6.2	-6.5
2008 \$'000	396,511	150,505	5,739	5,170	35,661	51,614
2009 \$'000	469,490	186,954	6,876	4,920	36,288	57,369
2010 \$'000	468,816	193,270	6,103	6,225	33,560	55,007
2010 / 2009 (%)	-0.1	3.4	-11.2	26.5	-7.5	-4.1
Trucks¹, manufactured in North America						
2008 (number)	52,189	18,571	1,903	2,389	10,794	5,515
2009 (number)	54,058	19,403	2,090	2,837	9,861	6,015
2010 (number)	60,219	23,069	2,099	2,610	10,713	6,090
2010 / 2009 (%)	11.4	18.9	0.4	-8.0	8.6	1.2
2008 \$'000	1,957,062	698,228	78,509	89,311	425,254	216,250
2009 \$'000	2,092,221	747,972	78,233	108,754	392,095	245,843
2010 \$'000	2,329,711	893,543	82,804	102,609	427,415	246,366
2010 / 2009 (%)	11.4	19.5	5.8	-5.7	9.0	0.2
Trucks¹, manufactured overseas						
2008 (number)	10,357	3,769	270	250	1,538	1,122
2009 (number)	8,120	3,064	232	152	1,091	1,128
2010 (number)	9,914	3,608	191	213	1,254	1,187
2010 / 2009 (%)	22.1	17.8	-17.7	40.1	14.9	5.2
2008 \$'000	388,723	145,771	9,599	8,965	58,507	43,581
2009 \$'000	332,352	131,332	8,862	6,141	43,451	47,522
2010 \$'000	400,743	151,823	7,319	8,285	51,358	51,291
2010 / 2009 (%)	20.6	15.6	-17.4	34.9	18.2	7.9

1. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

2. For reasons of confidentiality, data for the Yukon, the Northwest Territories and Nunavut have been included with the data for British Columbia.

Table 5-1
Year to date provincial sales of new motor vehicles, by type and origin in units, January to October

Province	Total new motor vehicles		Passenger cars							
			North America		Japan		Other countries		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	number	%	number	%	number	%	number	%	number	%
2008										
Newfoundland and Labrador	28,382	14.1	10,527	8.7	x	x	x	x	15,389	14.5
Prince Edward Island	4,868	3.8	2,204	6.8	x	x	x	x	3,138	7.9
Nova Scotia	46,616	10.1	19,498	13.9	4,407	22.8	5,499	24.6	29,404	17.0
New Brunswick	35,239	8.4	13,418	6.8	x	x	x	x	20,002	13.8
Quebec	389,027	7.3	140,796	7.4	60,835	13.9	53,877	14.8	255,508	10.4
Ontario	516,726	0.4	187,104	2.7	43,542	10.4	49,452	7.5	280,098	4.7
Manitoba	41,490	4.0	13,639	7.1	2,778	32.5	2,645	2.3	19,062	9.5
Saskatchewan	42,268	11.3	11,535	18.2	1,919	37.3	2,130	24.2	15,584	21.1
Alberta	205,670	-5.3	52,942	-0.5	13,042	8.8	12,059	9.1	78,043	-2.4
British Columbia and the Territories ¹	158,986	-7.0	45,808	-5.0	19,301	7.3	17,177	0.8	82,286	-1.2
Canada	1,469,272	1.5	497,471	4.0	151,109	12.8	149,934	10.8	798,514	6.8
2009										
Newfoundland and Labrador	25,348	-10.7	7,751	-26.4	x	x	x	x	12,613	-18.0
Prince Edward Island	4,559	-6.3	1,744	-20.9	x	x	x	x	2,647	-15.6
Nova Scotia	41,480	-11.0	14,414	-26.1	3,212	-27.1	5,835	6.1	23,461	-20.2
New Brunswick	30,472	-13.5	9,463	-29.5	x	x	x	x	15,163	-24.2
Quebec	344,099	-11.5	106,601	-24.3	49,472	-18.7	62,287	15.6	218,360	-14.5
Ontario	459,691	-11.0	143,623	-23.2	35,006	-19.6	52,607	6.4	231,236	-17.4
Manitoba	37,483	-9.7	9,942	-27.1	2,155	-22.4	2,796	5.7	14,893	-21.9
Saskatchewan	38,434	-9.1	9,091	-21.2	1,513	-21.2	2,004	-5.9	12,608	-19.1
Alberta	157,322	-23.5	33,517	-36.7	9,218	-29.3	10,760	-10.8	53,495	-31.5
British Columbia and the Territories ¹	127,766	-19.6	30,661	-33.1	14,278	-26.0	16,056	-6.5	60,995	-25.9
Canada	1,266,654	-13.8	366,807	-26.3	119,088	-21.2	159,576	6.4	645,471	-19.2
2010										
Newfoundland and Labrador	27,723	9.4	7,640	-1.4	x	x	x	x	12,423	-1.5
Prince Edward Island	4,982	9.3	1,649	-5.4	x	x	x	x	2,469	-6.7
Nova Scotia	41,707	0.5	12,901	-10.5	2,935	-8.6	5,586	-4.3	21,422	-8.7
New Brunswick	33,529	10.0	9,221	-2.6	x	x	x	x	14,897	-1.8
Quebec	363,017	5.5	99,771	-6.4	44,102	-10.9	61,857	-0.7	205,730	-5.8
Ontario	497,806	8.3	132,299	-7.9	34,483	-1.5	57,279	8.9	224,061	-3.1
Manitoba	38,533	2.8	9,232	-7.1	1,780	-17.4	2,703	-3.3	13,715	-7.9
Saskatchewan	40,007	4.1	7,504	-17.5	1,272	-15.9	2,218	10.7	10,994	-12.8
Alberta	172,256	9.5	31,038	-7.4	7,531	-18.3	11,643	8.2	50,212	-6.1
British Columbia and the Territories ¹	132,042	3.3	27,889	-9.0	12,341	-13.6	17,901	11.5	58,131	-4.7
Canada	1,351,602	6.7	339,144	-7.5	108,293	-9.1	166,617	4.4	614,054	-4.9

See notes at the end of the table.

Table 5-1 – continued

Year to date provincial sales of new motor vehicles, by type and origin in units, January to October

Province	Total new motor vehicles		Trucks ²					
			North America		Overseas		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	number	%	number	%	number	%	number	%
2008								
Newfoundland and Labrador	28,382	14.1	x	x	x	x	12,993	13.6
Prince Edward Island	4,868	3.8	x	x	x	x	1,730	-2.9
Nova Scotia	46,616	10.1	15,229	-1.1	1,983	8.8	17,212	-0.1
New Brunswick	35,239	8.4	13,527	1.7	1,710	4.2	15,237	2.0
Quebec	389,027	7.3	108,249	-2.2	25,270	24.2	133,519	1.9
Ontario	516,726	0.4	200,617	-7.0	36,011	15.3	236,628	-4.2
Manitoba	41,490	4.0	20,032	-1.4	2,396	10.5	22,428	-0.3
Saskatchewan	42,268	11.3	24,281	5.6	2,403	14.4	26,684	6.3
Alberta	205,670	-5.3	113,453	-11.2	14,174	6.5	127,627	-9.5
British Columbia and the Territories ¹	158,986	-7.0	65,489	-13.5	11,211	-7.0	76,700	-12.6
Canada	1,469,272	1.5	573,838	-6.5	96,920	12.4	670,758	-4.1
2009								
Newfoundland and Labrador	25,348	-10.7	x	x	x	x	12,735	-2.0
Prince Edward Island	4,559	-6.3	x	x	x	x	1,912	10.5
Nova Scotia	41,480	-11.0	16,181	6.3	1,838	-7.3	18,019	4.7
New Brunswick	30,472	-13.5	13,811	2.1	1,498	-12.4	15,309	0.5
Quebec	344,099	-11.5	102,499	-5.3	23,240	-8.0	125,739	-5.8
Ontario	459,691	-11.0	197,599	-1.5	30,856	-14.3	228,455	-3.5
Manitoba	37,483	-9.7	20,497	2.3	2,093	-12.6	22,590	0.7
Saskatchewan	38,434	-9.1	24,154	-0.5	1,672	-30.4	25,826	-3.2
Alberta	157,322	-23.5	93,357	-17.7	10,470	-26.1	103,827	-18.6
British Columbia and the Territories ¹	127,766	-19.6	56,259	-14.1	10,512	-6.2	66,771	-12.9
Canada	1,266,654	-13.8	537,410	-6.3	83,773	-13.6	621,183	-7.4
2010								
Newfoundland and Labrador	27,723	9.4	x	x	x	x	15,300	20.1
Prince Edward Island	4,982	9.3	x	x	x	x	2,513	31.4
Nova Scotia	41,707	0.5	18,287	13.0	1,998	8.7	20,285	12.6
New Brunswick	33,529	10.0	16,924	22.5	1,708	14.0	18,632	21.7
Quebec	363,017	5.5	129,313	26.2	27,974	20.4	157,287	25.1
Ontario	497,806	8.3	239,595	21.3	34,150	10.7	273,745	19.8
Manitoba	38,533	2.8	22,783	11.2	2,035	-2.8	24,818	9.9
Saskatchewan	40,007	4.1	27,122	12.3	1,891	13.1	29,013	12.3
Alberta	172,256	9.5	110,236	18.1	11,808	12.8	122,044	17.5
British Columbia and the Territories ¹	132,042	3.3	62,645	11.4	11,266	7.2	73,911	10.7
Canada	1,351,602	6.7	643,232	19.7	94,316	12.6	737,548	18.7

1. For reasons of confidentiality, data for the Yukon, the Northwest Territories and Nunavut have been included with the data for British Columbia.

2. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

Note(s): Percentage changes shown are year-to-year changes.

Table 5-2
Year to date provincial sales of new motor vehicles, by type and origin in dollars, January to October

Province	Total new motor vehicles		Passenger cars							
			North America		Japan		Other countries		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	\$'000	%	\$'000	%	\$'000	%	\$'000	%	\$'000	%
2008										
Newfoundland and Labrador	751,087	11.7	236,971	8.9	x	x	x	x	334,039	14.1
Prince Edward Island	120,570	-0.7	48,371	3.4	x	x	x	x	66,197	4.7
Nova Scotia	1,233,035	5.3	446,041	12.4	97,347	20.5	118,109	23.8	661,496	15.4
New Brunswick	953,873	2.5	298,992	2.8	x	x	x	x	433,997	10.6
Quebec	10,701,319	4.7	3,203,620	5.4	1,306,863	10.6	1,411,861	16.9	5,922,344	9.1
Ontario	16,375,177	-0.2	4,585,451	0.4	1,128,965	5.8	1,697,839	10.6	7,412,256	3.4
Manitoba	1,328,268	-0.7	324,015	3.4	66,414	29.4	65,660	5.6	456,089	6.9
Saskatchewan	1,420,432	7.5	280,026	15.6	47,896	32.7	53,268	27.5	381,191	19.1
Alberta	7,034,279	-8.6	1,344,505	0.5	339,742	7.9	385,838	9.1	2,070,084	3.2
British Columbia and the Territories ¹	5,066,461	-11.6	1,072,944	-7.8	471,333	4.5	586,616	5.5	2,130,894	-1.9
Canada	44,984,499	-1.4	11,840,933	1.9	3,567,347	9.2	4,460,308	12.6	19,868,588	5.4
2009										
Newfoundland and Labrador	726,908	-3.2	178,776	-24.6	x	x	x	x	283,911	-15.0
Prince Edward Island	124,309	3.1	39,547	-18.2	x	x	x	x	57,963	-12.4
Nova Scotia	1,201,304	-2.6	344,214	-22.8	72,870	-25.1	139,296	17.9	556,380	-15.9
New Brunswick	910,606	-4.5	224,036	-25.1	x	x	x	x	350,760	-19.2
Quebec	9,934,406	-7.2	2,450,975	-23.5	1,085,191	-17.0	1,700,502	20.4	5,236,665	-11.6
Ontario	14,619,882	-10.7	3,541,832	-22.8	918,474	-18.6	1,766,845	4.1	6,227,150	-16.0
Manitoba	1,216,900	-8.4	240,278	-25.8	51,986	-21.7	72,735	10.8	364,998	-20.0
Saskatchewan	1,285,414	-9.5	222,765	-20.4	38,334	-20.0	53,947	1.3	315,042	-17.4
Alberta	5,423,736	-22.9	866,179	-35.6	243,281	-28.4	348,079	-9.8	1,457,541	-29.6
British Columbia and the Territories ¹	4,251,419	-16.1	762,750	-28.9	349,430	-25.9	549,984	-6.2	1,662,164	-22.0
Canada	39,694,883	-11.8	8,871,348	-25.1	2,848,507	-20.2	4,792,717	7.5	16,512,576	-16.9
2010										
Newfoundland and Labrador	825,588	13.6	171,651	-4.0	x	x	x	x	276,830	-2.5
Prince Edward Island	145,680	17.2	38,521	-2.6	x	x	x	x	55,941	-3.5
Nova Scotia	1,264,045	5.2	302,734	-12.1	69,001	-5.3	139,938	0.5	511,669	-8.0
New Brunswick	1,057,567	16.1	223,130	-0.4	x	x	x	x	357,287	1.9
Quebec	10,724,241	8.0	2,329,238	-5.0	1,006,444	-7.3	1,768,323	4.0	5,104,000	-2.5
Ontario	16,746,484	14.5	3,361,568	-5.1	929,786	1.2	2,012,238	13.9	6,303,591	1.2
Manitoba	1,301,237	6.9	228,055	-5.1	44,312	-14.8	75,400	3.7	347,766	-4.7
Saskatchewan	1,419,533	10.4	189,904	-14.8	32,502	-15.2	62,472	15.8	284,879	-9.6
Alberta	6,239,200	15.0	830,998	-4.1	208,605	-14.3	389,613	11.9	1,429,217	-1.9
British Columbia and the Territories ¹	4,574,886	7.6	709,169	-7.0	311,171	-10.9	633,926	15.3	1,654,266	-0.5
Canada	44,298,463	11.6	8,384,965	-5.5	2,687,920	-5.6	5,252,561	9.6	16,325,447	-1.1

See notes at the end of the table.

Table 5-2 – continued

Year to date provincial sales of new motor vehicles, by type and origin in dollars, January to October

Province	Total new motor vehicles		Trucks ²					
			North America		Overseas		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	\$'000	%	\$'000	%	\$'000	%	\$'000	%
2008								
Newfoundland and Labrador	751,087	11.7	x	x	x	x	417,047	9.9
Prince Edward Island	120,570	-0.7	x	x	x	x	54,375	-6.6
Nova Scotia	1,233,035	5.3	503,373	-5.9	68,164	8.9	571,538	-4.4
New Brunswick	953,873	2.5	464,514	-3.9	55,360	1.2	519,873	-3.4
Quebec	10,701,319	4.7	3,871,636	-4.1	907,341	20.7	4,778,976	-0.2
Ontario	16,375,177	-0.2	7,584,764	-5.5	1,378,156	13.4	8,962,921	-3.0
Manitoba	1,328,268	-0.7	788,427	-5.4	83,751	8.4	872,178	-4.3
Saskatchewan	1,420,432	7.5	952,923	3.1	86,316	12.3	1,039,241	3.9
Alberta	7,034,279	-8.6	4,431,297	-14.5	532,896	4.5	4,964,195	-12.8
British Columbia and the Territories ¹	5,066,461	-11.6	2,493,967	-19.1	441,600	-6.7	2,935,565	-17.5
Canada	44,984,499	-1.4	21,507,835	-8.5	3,608,078	10.3	25,115,910	-6.2
2009								
Newfoundland and Labrador	726,908	-3.2	x	x	x	x	442,997	6.2
Prince Edward Island	124,309	3.1	x	x	x	x	66,347	22.0
Nova Scotia	1,201,304	-2.6	578,363	14.9	66,560	-2.4	644,923	12.8
New Brunswick	910,606	-4.5	509,821	9.8	50,026	-9.6	559,847	7.7
Quebec	9,934,406	-7.2	3,824,596	-1.2	873,144	-3.8	4,697,740	-1.7
Ontario	14,619,882	-10.7	7,121,462	-6.1	1,271,268	-7.8	8,392,730	-6.4
Manitoba	1,216,900	-8.4	775,195	-1.7	76,705	-8.4	851,901	-2.3
Saskatchewan	1,285,414	-9.5	906,310	-4.9	64,059	-25.8	970,371	-6.6
Alberta	5,423,736	-22.9	3,548,498	-19.9	417,699	-21.6	3,966,196	-20.1
British Columbia and the Territories ¹	4,251,419	-16.1	2,151,658	-13.7	437,595	-0.9	2,589,255	-11.8
Canada	39,694,883	-11.8	19,873,392	-7.6	3,308,916	-8.3	23,182,307	-7.7
2010								
Newfoundland and Labrador	825,588	13.6	x	x	x	x	548,759	23.9
Prince Edward Island	145,680	17.2	x	x	x	x	89,740	35.3
Nova Scotia	1,264,045	5.2	679,251	17.4	73,126	9.9	752,377	16.7
New Brunswick	1,057,567	16.1	641,244	25.8	59,037	18.0	700,280	25.1
Quebec	10,724,241	8.0	4,570,498	19.5	1,049,743	20.2	5,620,241	19.6
Ontario	16,746,484	14.5	9,027,059	26.8	1,415,836	11.4	10,442,892	24.4
Manitoba	1,301,237	6.9	876,129	13.0	77,342	0.8	953,470	11.9
Saskatchewan	1,419,533	10.4	1,061,431	17.1	73,223	14.3	1,134,654	16.9
Alberta	6,239,200	15.0	4,325,423	21.9	484,559	16.0	4,809,984	21.3
British Columbia and the Territories ¹	4,574,886	7.6	2,437,330	13.3	483,287	10.4	2,920,620	12.8
Canada	44,298,463	11.6	24,206,538	21.8	3,766,479	13.8	27,973,017	20.7

1. For reasons of confidentiality, data for the Yukon, the Northwest Territories and Nunavut have been included with the data for British Columbia.

2. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

Note(s): Percentage changes shown are year-to-year changes.

Table 6
Annual sales of new motor vehicles, by type and origin, in units and dollars, Canada

Year	Total	Passenger cars				Trucks ¹		
		Total	North America	Japan	Other countries	Total	North America	Overseas
number								
1987	1,533,637	1,065,093	700,930	243,288	120,875	468,544	417,189	51,355
1988	1,565,501	1,056,310	724,733	243,835	87,742	509,191	459,777	49,414
1989	1,483,875	988,134	675,340	239,548	73,246	495,741	422,398	73,343
1990	1,317,869	884,564	580,397	239,603	64,564	433,305	361,403	71,902
1991	1,287,790	873,184	573,297	237,701	62,186	414,606	347,671	66,935
1992	1,227,419	798,023	503,460	236,675	57,888	429,396	370,422	58,974
1993	1,192,934	739,049	493,759	196,310	48,980	453,885	402,112	51,773
1994	1,260,056	748,666	573,361	129,547	45,758	511,390	475,444	35,946
1995	1,166,535	670,190	553,265	71,493	45,432	496,345	469,590	26,755
1996	1,204,557	660,769	572,581	47,901	40,287	543,788	517,738	26,050
1997	1,424,380	738,550	629,488	66,297	42,765	685,830	628,214	57,616
1998	1,428,932	740,809	590,667	98,275	51,867	688,123	627,256	60,867
1999	1,542,041	806,450	625,292	103,016	78,142	735,591	672,444	63,147
2000	1,587,561	849,171	640,856	106,937	101,378	738,390	669,492	68,898
2001	1,597,964	868,633	619,810	122,998	125,825	729,331	647,987	81,344
2002	1,733,318	934,704	651,305	144,596	138,803	798,614	698,870	99,744
2003	1,626,468	865,475	604,726	126,908	133,841	760,993	654,136	106,857
2004	1,575,195	820,103	542,814	116,426	160,863	755,092	653,637	101,455
2005	1,630,310	845,222	574,639	123,482	147,101	785,088	673,205	111,883
2006	1,666,327	863,161	573,102	142,159	147,900	803,166	681,244	121,922
2007	1,690,538	859,003	551,001	151,298	156,704	831,535	727,909	103,626
2008	1,674,145	894,506	557,422	167,916	169,168	779,639	667,139	112,500
2009	1,484,856	747,671	426,709	137,860	183,102	737,185	639,306	97,879
\$'000								
1987	24,471,752	15,748,410	10,031,338	3,567,223	2,149,849	8,723,342	7,930,138	793,204
1988	26,865,327	16,709,476	11,080,866	3,784,902	1,843,708	10,155,851	9,369,528	786,323
1989	26,959,378	16,541,801	11,034,684	3,887,341	1,619,774	10,417,577	9,059,482	1,358,095
1990	24,888,751	15,245,831	9,784,293	4,015,958	1,445,580	9,642,918	8,210,502	1,432,416
1991	22,855,626	14,103,545	9,038,584	3,789,001	1,275,960	8,752,081	7,503,659	1,248,422
1992	23,484,455	13,691,746	8,450,516	4,053,782	1,187,451	9,792,709	8,613,984	1,178,725
1993	24,630,359	13,278,180	8,620,649	3,560,913	1,096,620	11,352,180	10,227,082	1,125,101
1994	27,893,795	14,182,894	10,595,001	2,346,168	1,241,727	13,710,902	12,846,447	864,453
1995	28,168,806	13,882,004	11,070,368	1,492,451	1,319,184	14,286,804	13,544,980	741,824
1996	31,485,777	14,510,882	12,062,092	1,118,289	1,330,501	16,974,894	16,115,584	859,309
1997	38,986,224	16,836,615	13,809,161	1,519,604	1,507,852	22,149,610	20,341,263	1,808,346
1998	40,255,777	17,054,244	13,101,703	2,110,330	1,842,211	23,201,534	21,165,239	2,036,296
1999	45,317,914	19,017,278	14,138,902	2,246,522	2,631,853	26,300,638	24,055,653	2,244,986
2000	46,930,514	20,790,660	15,089,665	2,431,251	3,269,743	26,139,852	23,745,933	2,393,922
2001	46,886,252	21,168,628	14,575,745	2,882,386	3,710,497	25,717,623	22,958,458	2,759,162
2002	52,227,499	23,191,483	15,521,295	3,501,294	4,168,898	29,036,014	25,633,136	3,402,877
2003	50,493,308	21,685,587	14,565,218	2,988,274	4,132,093	28,807,720	24,845,915	3,961,804
2004	49,639,223	20,489,761	13,261,753	2,694,970	4,533,035	29,149,463	25,384,561	3,764,904
2005	52,311,147	21,220,807	14,051,867	2,928,424	4,240,519	31,090,339	27,031,615	4,058,725
2006	53,966,261	22,077,502	14,250,869	3,469,392	4,357,245	31,888,757	27,445,267	4,443,494
2007	53,676,866	21,770,114	13,452,878	3,707,820	4,609,417	31,906,752	27,961,186	3,945,567
2008	51,565,539	22,331,952	13,263,053	3,966,400	5,102,499	29,233,586	25,036,422	4,197,166
2009	46,937,588	19,188,411	10,346,359	3,307,036	5,535,011	27,749,177	23,847,949	3,901,228

1. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

Table 7
Canada, monthly sales of new motor vehicles, in units, by type and origin, seasonally adjusted

Period	Total new motor vehicles		Passenger cars				Trucks ¹	
			North America		Overseas		Total	
	Units	Month/month change	Units	Month/month change	Units	Month/month change	Units	Month/month change
	number	%	number	%	number	%	number	%
2008								
January	157,816	10.5	54,634	25.0	31,153	18.7	72,029	-1.1
February	150,140	-4.9	51,958	-4.9	30,426	-2.3	67,756	-5.9
March	148,468	-1.1	48,962	-5.8	30,396	-0.1	69,110	2.0
April	143,888	-3.1	48,779	-0.4	28,607	-5.9	66,502	-3.8
May	144,570	0.5	50,083	2.7	29,821	4.2	64,666	-2.8
June	143,355	-0.8	50,243	0.3	29,880	0.2	63,232	-2.2
July	138,396	-3.5	47,106	-6.2	27,908	-6.6	63,382	0.2
August	135,617	-2.0	45,018	-4.4	27,360	-2.0	63,239	-0.2
September	138,879	2.4	44,619	-0.9	28,655	4.7	65,605	3.7
October	136,581	-1.7	43,508	-2.5	26,415	-7.8	66,658	1.6
November	126,918	-7.1	38,276	-12.0	23,579	-10.7	65,063	-2.4
December	109,518	-13.7	34,236	-10.6	22,885	-2.9	52,397	-19.5
2009								
January	117,092	6.9	36,947	7.9	23,472	2.6	56,673	8.2
February	112,776	-3.7	34,689	-6.1	25,278	7.7	52,809	-6.8
March	119,822	6.2	34,590	-0.3	25,859	2.3	59,373	12.4
April	122,661	2.4	34,291	-0.9	27,877	7.8	60,493	1.9
May	122,725	0.1	33,612	-2.0	27,572	-1.1	61,541	1.7
June	120,510	-1.8	33,416	-0.6	26,625	-3.4	60,469	-1.7
July	126,729	5.2	37,029	10.8	26,031	-2.2	63,669	5.3
August	127,135	0.3	34,470	-6.9	28,164	8.2	64,501	1.3
September	128,857	1.4	36,270	5.2	27,585	-2.1	65,002	0.8
October	134,075	4.0	39,060	7.7	29,177	5.8	65,838	1.3
November	126,054	-6.0	35,191	-9.9	26,892	-7.8	63,971	-2.8
December	126,420	0.3	37,144	5.5	26,430	-1.7	62,846	-1.8
2010								
January	125,849	-0.5	33,501	-9.8	27,342	3.5	65,006	3.4
February	138,255	9.9	36,746	9.7	29,226	6.9	72,283	11.2
March	131,646	-4.8	34,065	-7.3	28,787	-1.5	68,794	-4.8
April	127,726	-3.0	31,786	-6.7	25,770	-10.5	70,170	2.0
May	128,049	0.3	30,629	-3.6	25,773	0.0	71,647	2.1
June	132,536	3.5	31,405	2.5	26,056	1.1	75,075	4.8
July	134,919	1.8	32,586	3.8	25,895	-0.6	76,438	1.8
August	129,862	-3.7	30,837	-5.4	25,270	-2.4	73,755	-3.5
September	134,844	3.8	31,838	3.2	25,548	1.1	77,458	5.0
October	134,427	-0.3	34,011	6.8	25,802	1.0	74,614	-3.7

1. Trucks include minivans, sport-utility vehicles, light and heavy trucks, vans and buses.

Note(s): Percentage changes shown are month-to-month changes.

Table 8
Monthly sales of new motor vehicles, in units, by province, seasonally adjusted

Period	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
number						
2008						
January	157,816	3,073	499	4,865	3,292	42,739
February	150,140	3,087	507	4,790	3,413	40,968
March	148,468	2,611	487	4,763	3,484	36,845
April	143,888	2,530	471	4,285	3,452	37,198
May	144,570	2,586	509	4,632	3,399	38,251
June	143,355	2,515	466	4,546	3,475	36,778
July	138,396	2,690	441	4,374	3,496	35,990
August	135,617	2,703	441	4,083	3,349	35,337
September	138,879	2,783	453	4,625	3,417	35,635
October	136,581	2,682	430	4,372	3,302	34,534
November	126,918	2,108	424	3,678	2,773	31,317
December	109,518	2,080	376	3,413	2,670	29,563
2009						
January	117,092	2,065	423	3,454	2,762	30,511
February	112,776	1,924	376	3,550	2,417	30,669
March	119,822	2,232	421	3,762	2,724	33,145
April	122,661	2,444	481	3,899	2,861	33,106
May	122,725	2,496	411	4,139	3,004	32,582
June	120,510	2,463	425	4,131	2,803	32,780
July	126,729	2,464	446	4,349	2,944	33,068
August	127,135	2,455	431	4,250	3,112	33,102
September	128,857	2,685	490	4,155	3,412	33,668
October	134,075	2,770	464	4,448	3,247	34,909
November	126,054	2,221	422	3,626	2,980	34,410
December	126,420	2,536	496	4,109	3,008	34,624
2010						
January	125,849	2,702	482	3,997	3,067	34,443
February	138,255	2,679	470	4,641	3,527	37,129
March	131,646	2,699	502	3,980	3,196	36,282
April	127,726	2,436	466	4,008	3,228	33,653
May	128,049	2,512	484	3,881	3,046	32,510
June	132,536	2,676	478	4,513	3,143	33,921
July	134,919	2,683	487	3,734	3,343	35,013
August	129,862	2,544	458	3,778	3,155	33,912
September	134,844	2,603	478	4,088	3,322	34,501
October	134,427	2,729	497	3,815	3,212	35,915

Table 8 – continued

Monthly sales of new motor vehicles, in units, by province, seasonally adjusted

Period	Canada	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and the Territories
	number					
2008						
January	157,816	55,670	4,423	4,213	21,891	17,151
February	150,140	51,481	4,236	4,215	21,016	16,427
March	148,468	51,819	4,369	4,500	21,862	17,728
April	143,888	52,309	4,102	4,237	19,465	15,839
May	144,570	50,787	3,958	4,015	20,500	15,933
June	143,355	50,739	4,081	3,995	20,571	16,189
July	138,396	48,899	4,001	4,068	19,674	14,763
August	135,617	48,231	3,805	4,167	19,133	14,368
September	138,879	49,353	3,902	4,111	20,011	14,589
October	136,581	48,898	3,898	4,197	19,935	14,333
November	126,918	46,018	3,743	4,305	19,039	13,513
December	109,518	37,885	3,511	3,457	15,316	11,247
2009						
January	117,092	41,394	3,618	3,768	16,535	12,562
February	112,776	41,949	3,258	3,344	14,165	11,124
March	119,822	43,812	3,541	3,761	14,711	11,713
April	122,661	44,800	3,739	3,725	15,298	12,308
May	122,725	44,788	3,878	3,920	15,060	12,447
June	120,510	42,759	3,579	3,493	15,360	12,717
July	126,729	47,166	3,707	3,972	15,794	12,819
August	127,135	47,632	3,757	3,752	15,731	12,913
September	128,857	47,221	3,734	3,954	16,061	13,477
October	134,075	49,047	3,923	4,167	17,032	14,068
November	126,054	46,135	3,673	3,395	15,479	13,713
December	126,420	45,906	3,588	3,642	15,542	12,969
2010						
January	125,849	45,027	3,545	3,996	15,678	12,912
February	138,255	51,104	4,106	4,398	17,424	12,777
March	131,646	48,492	3,581	3,760	16,446	12,708
April	127,726	47,458	3,610	3,742	16,344	12,781
May	128,049	48,452	3,814	3,720	16,670	12,960
June	132,536	49,360	3,963	4,087	17,294	13,101
July	134,919	51,085	3,980	3,897	17,381	13,316
August	129,862	46,971	3,796	3,982	18,038	13,228
September	134,844	50,035	3,846	4,167	18,438	13,366
October	134,427	50,418	3,624	3,807	17,154	13,256

Definitions

Trucks

Trucks include light and heavy trucks, minivans, sport utility vehicles, vans, coaches and buses, regardless of their intended use.

Passenger car

The term passenger car refers to all vehicles whose primary function is to carry passengers, excluding those vehicles classified as a commercial vehicle (see definition above). Passenger cars also include cars used for commercial purposes, i.e. taxis, auto rentals and other car fleets.

Country of origin

New motor vehicles fall into two categories defined on the basis of origin: those manufactured in North America and those manufactured overseas. The latter are imported in a fully assembled state from countries other than the United States or Mexico. All passenger cars and commercial vehicles assembled in Canada, Mexico and the United States and sold in Canada classified are as North American manufactured vehicles.

Motor vehicle sales - units

The number of new motor vehicles sold in Canada.

Motor vehicle sales - dollars

Net sales refers to the selling price to the consumer, i.e., manufacturer's invoice price plus estimated dealer's markup, including charges for standard and optional accessories. Sales taxes are excluded.

Average price of passenger cars

The average price is obtained by dividing the total dollar sales by the number of units sold. Therefore, changes in the average price reflect variations in the models sold as well as price changes. For example, an increase in the average price for passenger cars may reflect both a shift to more expensive models as well as price increases.

Appendix I

Scope of the survey

The interest in and need for detailed statistics on the automobile industry arose years ago, when the industry began playing a prominent role in the Canadian economy. For over 50 years, Statistics Canada has been collecting and disseminating statistical information on the retail sales of new motor vehicles. Not only are these statistics required to produce estimates of Canadian consumer spending for the national accounts and the gross domestic product, but they have also served and continue to serve as one of the most important, most often requested indicators of the health of Canada's economy.¹

However, estimates of the total retail sales volume of new motor vehicles were not sufficient to meet the incessant demand for more information. There came an increasing need for data on the characteristics of the fleet of new vehicles sold at retail, either to learn more about the preferences of Canadian consumers or to assess the penetration of the Canadian market by major foreign manufacturers. Statistics on new motor vehicle sales were expanded in the early 1970s to provide separate figures for Japanese vehicle sales.

The statistics in this report cover exclusively retail sales of new motor vehicles within Canada's borders. Data are derived from a postal survey (a census - see the methodology section at the end of the report for more details).

Other statistics connected with the automobile industry (sales of new and used car dealers, auto parts and accessories stores and so on) are available on the monthly Retail Trade survey (Catalogue No. 63-005). For further information, please contact the Retail Commodity Section, Distributive Trades Division, Statistics Canada, Ottawa, K1A 0T6, (Telephone: 613-951-3549 or toll free at 1-877-421-3067).

Data quality and methodology

This survey is a census of all motor vehicle manufacturers and importers known to be active in Canada.

The value of sales is reported at selling price to consumer (i.e. the manufacturer's invoice price plus estimated dealer's markup, charges for standard equipment and options, less provincial sales tax and federal goods and services tax (G.S.T.) and harmonized sales tax (H.S.T.)).

The response rate for this survey is generally 100%. Minimal estimation is required so there is little bias resulting from non-response introduced in these data.

All attempts have been made to minimize the non-sampling errors: the questionnaires used in the survey have been carefully designed to minimize different interpretations; detailed acceptance testing has been carried out for the different stages of editing and processing.

1. The new motor vehicle sales series is one of ten statistical series making up the leading indicator developed by Statistics Canada for current economic analysis purposes.

Data confidentiality

Statistics Canada is prohibited by law from publishing any statistics which would divulge information relating to any identifiable business without the previous consent in writing of that business.² The disclosure of data likely to reveal specific information on the activity of a particular company is systematically and rigorously controlled and regulated to prevent the publication or disclosure of any information deemed confidential. The rules regarding confidentiality are therefore applied in such a way that no data are shown for cells (or statistical units). If information is withheld for reasons of confidentiality an "X" will appear in the appropriate cell of this publication.

Another way of preserving data confidentiality without having to enter an "X" is to combine (consolidate) the information **from selected regions** (or selected cells) for the same item. The data in question can be aggregated and published in a less detailed, but still confidential, form. For example, the data for the Northwest Territories, the Yukon and Nunavut are included with the British Columbia data.

Seasonal adjustment

Time series contain the elements essential to the description, explanation and forecasting of the behaviour of an economic phenomenon: "They are statistical records of the evolution of economic processes through time."³ Economic time series such as the New Motor Vehicles Sales Survey can be broken down into five main components: the trend-cycle, seasonality, the trading-day effect, the Easter holiday effect and the irregular component.

The trend represents the long-term change in the series, whereas the cycle represents a smooth, quasi-periodical movement about the trend, showing a succession of growth and decline phases (e.g., the business cycle). These two components—the trend and the cycle—are estimated together, and the trend-cycle reflects the fundamental evolution of the series. The other components reflect short-term transient movements.

The seasonal component represents sub-annual, monthly or quarterly fluctuations that recur more or less regularly from one year to the next. Seasonal variations are caused by the direct and indirect effects of the climatic seasons and institutional factors (attributable to social conventions or administrative rules; e.g., Christmas).

The trading-day component originates from the fact that the relative importance of the days varies systematically within the week and that the number of each day of the week in a given month varies from year to year. This effect is present when activity varies with the day of the week. For instance, Sunday is typically less active than the other days, and the number of Sundays, Mondays, etc., in a given month changes from year to year.

The Easter holiday effect is the variation due to the shift of part of April's activity to March when Easter falls in March rather than April.

Lastly, the irregular component includes all other more or less erratic fluctuations not taken into account in the preceding components. It is a residual that includes errors of measurement on the variable itself as well as unusual events (e.g., strikes, drought, floods, major power blackout or other unexpected events causing variations in respondents' activities).

Thus, the latter four components—seasonal, irregular, trading-day and Easter holiday effect—all conceal the fundamental trend-cycle component of the series. Seasonal adjustment (correction of seasonal variation) consists in removing the seasonal, trading-day and Easter holiday effect components from the series, and it thus helps reveal the trend-cycle. While seasonal adjustment permits a better understanding of the underlying trend-cycle of a series, the seasonally adjusted series still contains an irregular component. Slight month-to-month variations in the seasonally adjusted series may be simple irregular movements. To get a better idea of the underlying trend, users should examine several months of the seasonally adjusted series.

2. See Section 17 of the Statistics Act (Chapter 5-19), entitled «Secrecy».

3. «A Note on the Seasonal adjustment of Economic Time Series», Canadian Statistical Review, August 1974.

Since April 2008, New Motor Vehicle Sales Survey data are seasonally adjusted using the X-12-ARIMA⁴ software. The technique that is used essentially consists of first correcting the initial series for all sorts of undesirable effects, such as the trading-day and the Easter holiday effects, by a module called regARIMA. These effects are estimated using regression models with ARIMA errors (auto-regressive integrated moving average models). The series can also be extrapolated for at least one year by using the model. Subsequently, the raw series—pre-adjusted and extrapolated if applicable—is seasonally adjusted by the X-11 method.

The X-11 method is used for analysing monthly and quarterly series. It is based on an iterative principle applied in estimating the different components, with estimation being done at each stage using adequate moving averages.⁵ The moving averages used to estimate the main components—the trend and seasonality—are primarily smoothing tools designed to eliminate an undesirable component from the series. Since moving averages react poorly to the presence of atypical values, the X-11 method includes a tool for detecting and correcting atypical points. This tool is used to clean up the series during the seasonal adjustment. Outlying data points can also be detected and corrected in advance, within the regARIMA module.

Lastly, the annual totals of the seasonally adjusted series are forced to the annual totals of the original series.

Unfortunately, seasonal adjustment removes the sub-annual additivity of a system of series; small discrepancies can be observed between the sum of seasonally adjusted series and the *direct* seasonal adjustment of their total. To insure or restore additivity in a system of series, a reconciliation process is applied or *indirect* seasonal adjustment is used, i.e. the seasonal adjustment of a total is derived by the summation of the individually seasonally adjusted series.

To assist the user, the Months of Cyclical Dominance number, MCD, is provided.⁶ The MCD is the shortest monthly span for which a certain ratio becomes and remains less than one, that is, the ratio for which the absolute average percentage change of the trend-cycle of the seasonally adjusted series becomes greater than the absolute average per cent change of the irregular component. The MCD can be interpreted as the number of months over which a change in the seasonally adjusted series must move in a given direction before one can be reasonably certain that the trend-cycle of that series also has moved in the given direction. Clearly small MCD's are desirable and indicative of a smooth series. Applying a moving average to the seasonally adjusted data of MCD length tends to smooth irregular movements which may obscure the underlying trend-cycle. The MCD moving average provides a method of reducing all types of series to approximately the same degree of smoothness, whatever the size of the irregular component in the original series.

Revision procedures

The seasonally adjusted estimates are revised for the three months preceding the reference period. Monthly unadjusted data are revised for the previous month, when new information is made available to Statistics Canada. In addition, unadjusted new motor vehicle sales are revised each year, for the latest year, in the February issue of this publication. At that time, monthly seasonally adjusted estimates for the latest four years of data are revised.

4. For more information, see X-12-ARIMA Reference Manual Version 0.3 (2007), U.S. Census Bureau.

5. Ladiray, D. and Quenneville, B. (2001). Seasonal Adjustment with the X-11 Method. New York: Springer-Verlag, Lecture Notes in Statistics #158.

6. MCD = 7 for North American passenger cars. MCD = 3 for Overseas passenger cars. MCD = 12 for Commercial vehicles.

Appendix II

List of North American motor vehicle manufacturers

B.M.W. Canada Inc.
Blue Bird Body Co.
DaimlerChrysler Canada Inc.
Ford Motor Company of Canada Limited
Freightliner of Canada Ltd.
General Motors of Canada Limited
Honda Canada Inc.
Hyundai Auto Canada Inc.
International Truck and Engine Corporation Canada
Kenworth Div., Paccar of Canada Ltd.
Mack Canada Inc.
Mazda Canada Inc.
Mitsubishi Motor Sales of Canada, Inc.
Motor Coach Industries Limited
New Flyer Industries Ltd.
Nissan Canada Inc.
Nova Bus Corp.
Orion Bus Industries Inc.
Peterbilt Div., Paccar of Canada Ltd.
Prévost Car Inc.
Sterling Heavy Duty TrucksSubaru Canada Inc.
Subaru Canada Inc.
Suzuki Canada Inc.
Thomas Built Buses of Canada Ltd.

Toyota Canada Ltd.

Volkswagen Canada Inc.

Volvo Trucks Canada Inc.

Western Star Trucks Inc.

List of importers and distributors of overseas manufactured motor vehicles

Japan

General Motors of Canada Ltd.

Hino Diesel Trucks Canada Ltd.

Honda Canada Inc.

Mazda Canada Inc.

Mitsubishi Motor Sales of Canada, Inc.

Nissan Canada Inc.

Subaru Canada Inc.

Suzuki Canada Inc.

Toyota Canada Inc.

Other Countries

B.M.W. Canada Inc.

Daewoo Auto Canada Inc.

Ford Motor Company of Canada Limited

General Motors Canada Ltd.

Hyundai Auto Canada Inc.

Jaguar Canada Inc.

Kia Canada Inc.

Land Rover group Canada Inc.

Mercedes-Benz Canada Inc.

Porsche Cars of Canada Ltd.

Volkswagen Canada Inc.

Volvo Cars of Canada Ltd.