# **New Motor Vehicle Sales**

September 2008





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- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0s 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.

# **Acknowledgements**

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# **Highlights**

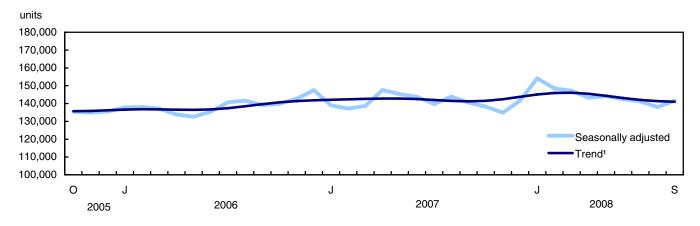
# September 2008

• Dealerships sold 141,574 new motor vehicles in September, up 2.5% from August and the first increase following three months of declines.

# **Analysis – September 2008**

Dealerships sold 141,574 new motor vehicles in September, up 2.5% from August and the first increase following three months of declines.

Chart 1
New motor vehicle sales, seasonally adjusted, in units, 2005 to 2008



<sup>1.</sup> Trends represent smoothed seasonally adjusted data.

# Passenger car sales rise after two consecutive monthly declines

Passenger car sales increased 2.3% in September to 75,398 units. This rise partially offset the declines in July and August. Sales of both North American-built and overseas-built passenger cars rose.

Sales of new trucks (which include minivans, sport-utility vehicles, light and heavy trucks, vans and buses) increased 2.8% to 66,176 units. Truck sales had stabilized over the previous three months after a period of declines that began in January 2008.

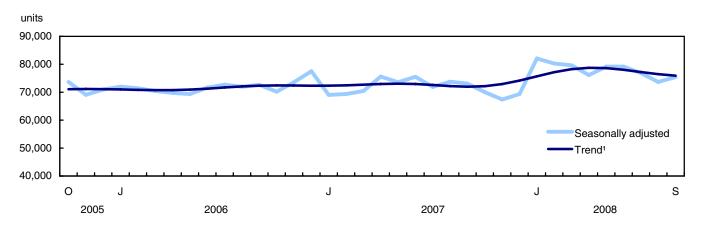
Preliminary industry data for October suggests that the number of new motor vehicles sold edged down, due to a decline in passenger cars.

# Sales increase in nine provinces

New motor vehicle sales were up in nine provinces in September, with the largest advance occurring in Prince Edward Island. Rising sales in Alberta, British Columbia (including the three territories) and Nova Scotia accounted for more than half of the national increase.

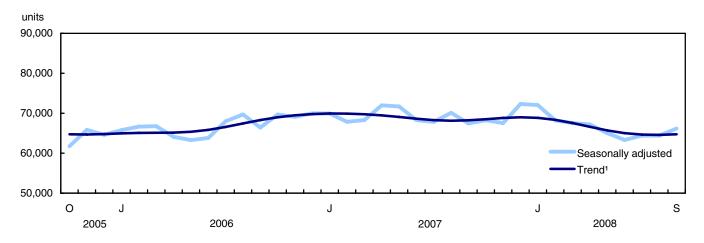
Saskatchewan was the only province to observe a sales decline in September. However, sales levels were 10.0% higher than the same month of last year.

Chart 2 Passenger car sales, seasonally adjusted, in units, 2005 to 2008



1. Trends represent smoothed seasonally adjusted data.

Chart 3 Truck, van and bus sales, seasonally adjusted, in units, 2005 to 2008



1. Trends represent smoothed seasonally adjusted data,

Chart 4 Monthly distribution of the Canadian motor vehicle market (passenger cars), by origin, 2005 to 2008

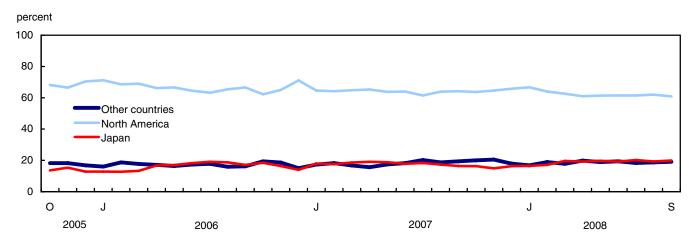
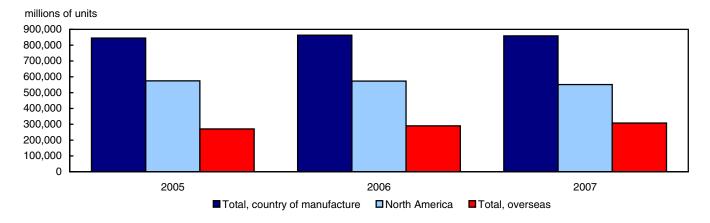


Chart 5 Cumulative sales of new passenger cars, by origin, in units, 2005 to 2007 January to December



# **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

# **Selected surveys from Statistics Canada**

2402	New Motor Vehicle Sales Survey

# 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 Ar	merica	Japa	an	Other countries		Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	no.	%	no.	%	no.	%	no.	%	no.	%
2006										
January	89,422	9.0	31,445	15.8	5,653	8.3	7,086	-1.3	44,184	11.7
February	100,740	-5.0	33,450	-5.6	6,204	-4.4	9,104	5.2	48,758	-3.6
March	155,990	5.2	54,748	0.2	10,553	10.2	14,062	17.3	79,363	4.2
April	159,436	-4.8	57,142	-8.1	14,388	-2.9	14,728	2.2	86,258	-5.6
May	173,291	7.1	64,032	9.1	16,352	16.6	15,791	1.5	96,175	9.0
June	162.029	-2.4	56.827	-1.9	15.991	20.2	15,237	6.3	88,055	2.9
July	145,521	-8.4	48,349	-9.3	14,618	14.7	13,589	-5.3	76,556	-4.8
August	157.868	7.5	53.812	1.4	15,340	31.0	13,092	-7.4	82,244	4.2
September	140.065	9.1	48,497	4.5	12,486	25.8	11,832	-14.7	72,815	3.7
October	123.076	3.4	38.841	-11.4	11.468	31.2	12.139	4.1	62,448	-2.8
November	127,732	2.9	41,464	0.4	10,425	9.6	11,867	5.1	63,756	2.6
December	131,157	8.0	44,495	9.5	8,681	17.3	9,373	-3.1	62,549	8.4
Year	1,666,327	2.2	573,102	-0.3	142,159	15.1	147,900	0.5	863,161	2.1
2007										
January	94,413	5.6	27,594	-12.2	7,704	36.3	7,407	4.5	42,705	-3.3
February	99,877	-0.9	30,361	-9.2	8,299	33.8	8,596	-5.6	47,256	-3.1
March	154,450	-1.0	49,540	-9.5	14,206	34.6	12,741	-9.4	76,487	-3.6
April	172,428	8.1	60,392	5.7	17,649	22.7	14,405	-2.2	92,446	7.2
May	189,076	9.1	65,400	2.1	19,315	18.1	17,849	13.0	102,564	6.6
June	172.487	6.5	58,700	3.3	16,315	2.0	16,714	9.7	91,729	4.2
July	145,370	-0.1	47,819	-1.1	14,232	-2.6	15,671	15.3	77,722	1.5
August	160.883	1.9	53,749	-0.1	14,567	-5.0	15,751	20.3	84,067	2.2
September	134,516	-4.0	45.513	-6.2	11,602	-7.1	13,740	16.1	70,855	-2.7
October	124.072	0.8	39,486	1.7	10.098	-11.9	12,421	2.3	62.005	-0.7
November	120.012	-6.0	37,583	-9.4	8,689	-16.7	11,916	0.4	58,188	-8.7
December	122,954	-6.3	34,864	-21.6	8,622	-0.7	9,493	1.3	52,979	-15.3
Year	1,690,538	1.5	551,001	-3.9	151,298	6.4	156,704	6.0	859,003	-0.5
2008										
January	105,546	11.8	34,557	25.2	8,571	11.3	8,719	17.7	51,847	21.4
February	113,877	14.0	37,369	23.1	9,992	20.4	11,002	28.0	58,363	23.5
March	153,505	-0.6	50,287	1.5	15,780	11.1	14,298	12.2	80,365	5.1
April	179,270	4.0	60.137	-0.4	18.939	7.3	19,542	35.7	98,618	6.7
May	188,137	-0.5	67,352	3.0	21,619	11.9	20,741	16.2	109,712	7.0
June	163.062	-5.5	59.160	0.8	18.450	13.1	18.663	11.7	96.273	5.0
July	152,704	5.0	52,973	10.8	17,413	22.4	15,724	0.3	86,110	10.8
August	149,612	-7.0	50.357	-6.3	15,678	7.6	15,152	-3.8	81,187	-3.4
September P	137,538	2.2	45,558	0.1	14,898	28.4	14,303	4.1	74,759	5.5

Table 1-1 – continued

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

	Total new motor	vehicles							
			North Amer	ica	Overseas	3	Total	Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	
	no.	%	no.	%	no.	%	no.	%	
2006									
January	89,422	9.0	39,038	7.1	6,200	3.1	45,238	6.5	
February	100.740	-5.0	44,353	-7.9	7,629	3.7	51,982	-6.3	
March	155.990	5.2	65,037	4.9	11,590	14.9	76,627	6.3	
April	159,436	-4.8	61,413	-6.1	11,765	10.8	73,178	-3.8	
May	173,291	7.1	65,146	3.0	11,970	15.8	77,116	4.8	
June	162.029	-2.4	62.927	-10.0	11.047	5.1	73.974	-8.0	
July	145,521	-8.4	57,354	-15.4	11,611	9.4	68,965	-12.0	
August	157,868	7.5	62,878	10.4	12,746	16.1	75,624	11.3	
September	140,065	9.1	55,604	12.6	11,646	32.0	67,250	15.6	
October	140,065	3.4	55,604 51.157	12.6	9.471	32.0 7.1	67,250 60.628	10.7	
November	127,732	2.9	55,453	3.7	8,523	0.0	63,976	3.2	
December	131,157	8.0	60,884	11.7	7,724	-15.8	68,608	7.7	
Year	1,666,327	2.2	681,244	1.2	121,922	9.0	803,166	2.3	
2007									
January	94,413	5.6	45,046	15.4	6,662	7.5	51,708	14.3	
February	99,877	-0.9	46,119	4.0	6,502	-14.8	52,621	1.2	
March	154,450	-1.0	68,305	5.0	9,658	-16.7	77,963	1.7	
April	172,428	8.1	69,974	13.9	10,008	-14.9	79,982	9.3	
May	189,076	9.1	76,370	17.2	10,142	-15.3	86,512	12.2	
June	172,487	6.5	71,689	13.9	9,069	-17.9	80.758	9.2	
July	145,370	-0.1	59,044	2.9	8,604	-25.9	67,648	-1.9	
August	160.883	1.9	67,582	7.5	9,234	-27.6	76.816	1.6	
September	134,516	-4.0	55,095	-0.9	8,566	-26.4	63,661	-5.3	
October	124,072	0.8	54,266	6.1	7,801	-20. <del>4</del> -17.6		-5.5 2.4	
November	124,072	-6.0	54,266	-1.9		-17.6 -12.6	62,067 61,824	-3.4	
December	120,012	-6.3	60,045	-1.9 -1.4	7,450 9,930	-12.6 28.6	69,975	-3.4 2.0	
	•		•		•		•		
Year	1,690,538	1.5	727,909	6.8	103,626	-15.0	831,535	3.5	
2008									
January	105,546	11.8	46,838	4.0	6,861	3.0	53,699	3.9	
February	113,877	14.0	48,315	4.8	7,199	10.7	55,514	5.5	
March	153,505	-0.6	62,765	-8.1	10,375	7.4	73,140	-6.2	
April	179,270	4.0	69,124	-1.2	11,528	15.2	80,652	0.8	
May	188,137	-0.5	67,291	-11.9	11,134	9.8	78,425	-9.3	
June	163,062	-5.5	57,435	-19.9	9,354	3.1	66,789	-17.3	
July	152,704	5.0	57,309	-2.9	9,285	7.9	66,594	-1.6	
August	149,612	-7.0	58,778	-13.0	9,647	4.5	68,425	-10.9	
September p	137,538	2.2	53,375	-3.1	9,404	9.8	62,779	-1.4	
ooptombor r	107,000		00,070	0.1	0,707	0.0	02,110	-1.4	

<sup>1.</sup> 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 moto	r vehicles	Passenger cars							
			North Am	erica	Japar	1	Other cou	ntries	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	%
2006										<u>.</u>
January	2,943,630	9.5	783,654	17.5	141,207	17.9	203,457	2.3	1,128,317	14.5
February	3,315,853	-4.8	839,753	-4.0	155,157	2.9	263,647	7.5	1,258,557	-1.0
March	5,042,821	6.2	1,363,846	0.8	264,322	15.0	428,915	21.1	2,057,083	6.2
April	5,047,812	-4.5	1,412,732	-7.4	341,109	-1.9	442.874	4.3	2,196,715	-4.4
May	5,505,594	7.1	1,591,591	9.5	397,061	21.4	472,704	4.4	2,461,355	10.2
June	5,190,119	-2.5	1,417,848	-0.3	384.257	24.2	436.503	3.4	2,238,608	4.0
	4,593,190	-2.5 -7.8	1,197,134	-0.3 -6.7	348,305	18.6	380,303	-5.2	1,925,742	-2.6
July										
August	5,003,098	7.9	1,329,192	4.6	366,042	30.9	363,741	-8.0	2,058,975	5.8
September	4,551,778	10.8	1,185,371	5.9	303,344	24.5	360,700	-7.4	1,849,414	5.6
October	4,117,566	7.7	952,835	-10.4	278,233	27.0	348,268	4.0	1,579,335	-2.4
November	4,230,872	3.8	1,025,403	1.6	263,541	16.0	348,557	4.8	1,637,501	4.4
December	4,423,928	10.3	1,151,510	13.9	226,814	25.6	307,576	6.3	1,685,900	13.8
Year	53,966,261	3.2	14,250,869	1.4	3,469,392	18.5	4,357,245	2.8	22,077,502	4.0
2007										
January	3,119,488	6.0	678,980	-13.4	191,902	35.9	227,357	11.7	1,098,239	-2.7
February	3,331,750	0.5	744,780	-11.3	208,249	34.2	259,453	-1.6	1,212,483	-3.7
March	5.012.381	-0.6	1.211.963	-11.1	348,605	31.9	410.805	-4.2	1.971.373	-4.2
April	5,396,290	6.9	1,478,389	4.6	427,130	25.2	444.341	0.3	2,349,860	7.0
May	5,865,532	6.5	1,604,080	0.8	468,349	18.0	526,054	11.3	2,598,482	5.6
June	5,364,300	3.4	1,423,743	0.4	392,487	2.1	483,196	10.7	2,299,426	2.7
July	4,456,441	-3.0	1,150,075	-3.9	340,890	-2.1	425,667	11.9	1,916,632	-0.5
	4,886,861	-3.0 -2.3	1,283,780	-3.4	352,457	-2.1	431,219	18.6	2,067,456	0.4
August										
September	4,171,174	-8.4	1,112,749	-6.1	284,723	-6.1	392,779	8.9	1,790,251	-3.2
October	3,966,157	-3.7	967,433	1.5	252,753	-9.2	358,920	3.1	1,579,105	0.0
November	3,900,293	-7.8	956,515	-6.7	219,328	-16.8	343,356	-1.5	1,519,199	-7.2
December	4,157,710	-6.0	877,276	-23.8	220,947	-2.6	306,270	-0.4	1,404,493	-16.7
Year	53,628,377	-0.6	13,489,763	-5.3	3,707,820	6.9	4,609,417	5.8	21,806,999	-1.2
2008										
January	3,385,689	8.5	860,657	26.8	208,430	8.6	250,349	10.1	1,319,435	20.1
February	3,561,129	6.9	914,534	22.8	232,795	11.8	298,502	15.1	1,445,831	19.2
March	4,777,452	-4.7	1,210,134	-0.2	378,411	8.6	406,385	-1.1	1,994,930	1.2
April	5,501,335	1.9	1,441,472	-2.5	464,601	8.8	570.437	28.4	2,476,510	5.4
May	5,626,058	-4.1	1,620,824	1.0	514,427	9.8	625,133	18.8	2,760,384	6.2
June	4.977.768	-7.2	1,437,383	1.0	440,735	12.3	593.066	22.7	2,471,184	7.5
July		4.0	1,255,951	9.2	411,274	20.6	482,775	13.4	2,149,999	12.2
	4,635,113			9.2 -7.6						
August	4,420,837	-9.5	1,186,252		365,697	3.8	446,676	3.6	1,998,625	-3.3
September p	4,194,215	0.6	1,089,944	-2.0	344,403	21.0	423,648	7.9	1,857,994	3.8

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

	Total new motor	vehicles	Trucks <sup>1</sup>							
			North Amer	ica	Overseas	3	Total			
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change		
	\$'000	%	\$'000	%	\$'000	%	\$'000	%		
2006										
January	2.943.630	9.5	1.588.951	7.2	226.363	2.8	1.815.313	6.7		
February	3,315,853	-4.8	1,783,024	-8.6	274,272	5.6	2,057,296	-6.9		
March	5,042,821	6.2	2,570,492	4.7	415,246	15.9	2,985,738	6.1		
April	5,047,812	-4.5	2,426,972	-7.0	424,125	11.9	2,851,097	-4.6		
May	5,505,594	7.1	2,608,968	3.0	435,271	15.6	3,044,238	4.6		
June	5,190,119	-2.5	2,552,993	-8.6	398,518	5.3	2,951,511	-7.0		
July	4,593,190	-7.8	2,259,061	-14.1	408,387	8.8	2,667,448	-11.2		
August	5,003,098	7.9	2,491,935	8.4	452,188	15.0	2,944,123	9.4		
September	4.551.778	10.8	2,491,933	11.8	425.018	32.9	2,702.364	14.7		
October		7.7	2,179,913	16.7	358,318	6.2	2,702,304	15.1		
	4,117,566									
November	4,230,872	3.8	2,266,418	4.2	326,954	-1.6	2,593,371	3.4		
December	4,423,928	10.3	2,439,194	10.9	298,834	-9.0	2,738,027	8.3		
Year	53,966,261	3.2	27,445,267	1.5	4,443,494	9.5	31,888,757	2.6		
2007										
January	3,119,488	6.0	1,767,669	11.2	253,581	12.0	2,021,249	11.3		
February	3,331,750	0.5	1,872,596	5.0	246,671	-10.1	2,119,267	3.0		
March	5,012,381	-0.6	2,683,279	4.4	357,729	-13.9	3,041,008	1.9		
April	5,396,290	6.9	2,668,753	10.0	377,677	-11.0	3,046,430	6.9		
May	5.865.532	6.5	2.883.932	10.5	383.117	-12.0	3.267.049	7.3		
June	5,364,300	3.4	2,724,096	6.7	340,779	-14.5	3,064,874	3.8		
July	4,456,441	-3.0	2.214.178	-2.0	325.631	-20.3	2,539,809	-4.8		
August	4,886,861	-3.0 -2.3	2,468,915	-0.9	350,490	-20.5 -22.5	2,819,404	-4.2		
		-2.3 -8.4		-10.1	333,431	-22.5 -21.5	2,380,923	- <del>1</del> .2 -11.9		
September	4,171,174		2,047,493							
October	3,966,157	-3.7	2,085,611	-4.3	301,440	-15.9	2,387,052	-6.0		
November	3,900,293	-7.8	2,094,594	-7.6	286,499	-12.4	2,381,093	-8.2		
December	4,157,710	-6.0	2,364,695	-3.1	388,522	30.0	2,753,217	0.6		
Year	53,628,377	-0.6	27,875,811	1.6	3,945,567	-11.2	31,821,375	-0.2		
2008										
January	3,385,689	8.5	1,801,221	1.9	265,033	4.5	2,066,253	2.2		
February	3,561,129	6.9	1,841,178	-1.7	274,119	11.1	2,115,297	-0.2		
March	4,777,452	-4.7	2,399,236	-10.6	383,286	7.1	2,782,522	-8.5		
April	5,501,335	1.9	2,598,246	-2.6	426,579	12.9	3,024,824	-0.7		
May	5,626,058	-4.1	2,459,508	-14.7	406,165	6.0	2,865,674	-12.3		
June	4,977,768	-7.2	2,152,061	-21.0	354,523	4.0	2,506,584	-18.2		
July	4.635.113	4.0	2.149.660	-2.9	335.454	3.0	2.485.114	-2.2		
August	4,420,837	-9.5	2,068,325	-16.2	353,887	1.0	2,422,213	-14.1		
September p	4,194,215	0.6	1,987,665	-2.9	348,556	4.5	2,336,221	-1.9		

<sup>1.</sup> 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 Am	erica	Total, over	rseas	Total, overseas Japan Other coun		Other cou	ntries
	Amount	Change	Amount	Change	Amount	Change	Amount	Change	Amount	Change
	\$	%	\$	%	\$	%	\$	%	\$	%
2006										
January	25,537	2.5	24,921	1.5	27,056	5.3	24,979	8.9	28,713	3.7
February	25,812	2.7	25,105	1.6	27,359	4.6	25,009	7.6	28,959	2.1
March	25,920	2.0	24,911	0.6	28,163	4.0	25,047	4.4	30.502	3.2
April	25,467	1.3	24,723	0.7	26,926	1.9	23,708	1.0	30,070	2.0
	25,592	1.3	24,723	0.7		2.7		4.2	29,935	2.8
May					27,059		24,282			
June	25,423	1.1	24,950	1.7	26,283	-0.6	24,030	3.4	28,648	-2.7
July	25,155	2.3	24,760	2.9	25,831	0.7	23,827	3.4	27,986	0.0
August	25,035	1.6	24,701	3.2	25,668	-1.7	23,862	-0.1	27,783	-0.6
September	25,399	1.8	24,442	1.4	27,307	2.7	24,295	-1.0	30,485	8.6
October	25,290	0.4	24,532	1.1	26,539	-2.2	24,262	-3.2	28,690	0.0
November	25,684	1.7	24,730	1.3	27,458	2.0	25,280	5.8	29,372	-0.3
December	26,953	5.0	25,880	4.0	29,600	7.6	26,128	7.1	32,815	9.7
Year	25,578	1.9	24,866	1.7	26,983	1.8	24,405	2.9	29,461	2.2
2007										
January	25,717	0.7	24,606	-1.3	27,745	2.5	24,909	-0.3	30.695	6.9
February	25,658	-0.6	24,531	-2.3	27,683	1.2	25,093	0.3	30,183	4.2
March	25,774	-0.6	24,464	-1.8	28,182	0.1	24,539	-2.0	32,243	5.7
April	25,419	-0.2	24,480	-1.0	27,188	1.0	24,201	2.1	30.846	2.6
	25,335	-1.0	24,527	-1.3	26,757	-1.1	24,248	-0.1	29,472	-1.5
May										
June	25,068	-1.4	24,255	-2.8	26,513	0.9	24,057	0.1	28,910	0.9
July	24,660	-2.0	24,051	-2.9	25,635	-0.8	23,952	0.5	27,163	-2.9
August	24,593	-1.8	23,885	-3.3	25,849	0.7	24,196	1.4	27,377	-1.5
September	25,266	-0.5	24,449	0.0	26,734	-2.1	24,541	1.0	28,587	-6.2
October	25,467	0.7	24,501	-0.1	27,162	2.4	25,030	3.2	28,896	0.7
November	26,108	1.7	25,451	2.9	27,308	-0.5	25,242	-0.1	28,815	-1.9
December	26,510	-1.6	25,163	-2.8	29,104	-1.7	25,626	-1.9	32,263	-1.7
Year	25,386	-0.7	24,482	-1.5	27,004	0.1	24,507	0.4	29,415	-0.2
2008										
January	25,449	-1.0	24,905	1.2	26,534	-4.4	24,318	-2.4	28,713	-6.5
February	24,773	-3.4	24,473	-0.2	25,307	-8.6	23,298	-7.2	27,132	-10.1
March	24,823	-3.7	24,065	-1.6	26,092	-7.4	23,980	-2.3	28,423	-11.8
April	25,112	-1.2	23,970	-2.1	26,897	-1.1	24,531	1.4	29,190	-5.4
May	25,160	-0.7	24,065	-1.9	26,902	0.5	23,795	-1.9	30,140	2.3
June	25,669	2.4	24,297	0.2	27,855	5.1	23,888	-0.7	31,778	9.9
July	24,968	1.2	23,709	-1.4	26,980	5.2	23,619	-1.4	30,703	13.0
August	24,618	0.1	23,557	-1.4	26,350	1.9	23,325	-3.6	29,480	7.7
September p	24,853	-1.6	23,924	-2.1	26,302	-1.6	23,117	-5.8	29,620	3.6

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	Iotal	Total Passenger cars						
			North Amer	ica	Japan		Other count	ries
	Units	Market share	Units	Market share	Units	Market share	Units	Market share
	no.	%	no.	%	no.	%	no.	%
2006								
January	44.184	100.0	31.445	71.2	5.653	12.8	7.086	16.0
February	48.758	100.0	33,450	68.6	6,204	12.7	9,104	18.7
March	79,363	100.0	54,748	69.0	10,553	13.3	14,062	17.7
April	86,258	100.0	57,142	66.2	14,388	16.7	14,728	17.1
May	96.175	100.0	64.032	66.6	16.352	17.0	15.791	16.4
June	88,055	100.0	56,827	64.5	15,991	18.2	15,237	17.3
July	76,556	100.0	48,349	63.2	14,618	19.1	13,589	17.8
August	82.244	100.0	53.812	65.4	15.340	18.7	13.092	15.9
September	72,815	100.0	48.497	66.6	12,486	17.1	11.832	16.2
October	62,448	100.0	38,841	62.2	11,468	18.4	12,139	19.4
November	63,756	100.0	41,464	65.0	10,425	16.4	11,867	18.6
December	62,549	100.0	44,495	71.1	8,681	13.9	9,373	15.0
Year	863,161	100.0	573,102	66.4	142,159	16.5	147,900	17.1
2007								
January	42,705	100.0	27,594	64.6	7,704	18.0	7,407	17.3
February	47,256	100.0	30,361	64.2	8,299	17.6	8,596	18.2
March	76,487	100.0	49,540	64.8	14,206	18.6	12,741	16.7
April	92,446	100.0	60,392	65.3	17,649	19.1	14,405	15.6
May	102.564	100.0	65,400	63.8	19.315	18.8	17.849	17.4
June	91,729	100.0	58,700	64.0	16,315	17.8	16,714	18.2
July	77.722	100.0	47,819	61.5	14,232	18.3	15,671	20.2
August	84.067	100.0	53.749	63.9	14.567	17.3	15.751	18.7
September	70.855	100.0	45,513	64.2	11,602	16.4	13,740	19.4
October	62,005	100.0	39,486	63.7	10.098	16.3	12,421	20.0
November	58,188	100.0	37,583	64.6	8.689	14.9	11.916	20.5
December	52,979	100.0	34,864	65.8	8,622	16.3	9,493	17.9
	ŕ		,		,		*	
Year	859,003	100.0	551,001	64.1	151,298	17.6	156,704	18.2
2008	_, _,							
January	51,847	100.0	34,557	66.7	8,571	16.5	8,719	16.8
February	58,363	100.0	37,369	64.0	9,992	17.1	11,002	18.9
March	80,365	100.0	50,287	62.6	15,780	19.6	14,298	17.8
April	98,618	100.0	60,137	61.0	18,939	19.2	19,542	19.8
May	109,712	100.0	67,352	61.4	21,619	19.7	20,741	18.9
June	96,273	100.0	59,160	61.5	18,450	19.2	18,663	19.4
July	86,110	100.0	52,973	61.5	17,413	20.2	15,724	18.3
August	81,187	100.0	50,357	62.0	15,678	19.3	15,152	18.7
September p	74,759	100.0	45,558	60.9	14,898	19.9	14,303	19.1

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

Type and origin of vehicles	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Total, new motor vehicles 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	140,065 134,516 137,538 2.2	1,979 2,162 2,621 21.2	404 383 454 18.5	3,708 3,853 4,275 11.0	2,843 2,845 3,138 10.3	33,612 33,565 35,795 6.6
2006 (\$'000)	4,551,778	53,964	10,688	104,448	85,225	977,233
2007 (\$'000)	4,171,174	59,425	9,952	111,453	83,109	947,628
2008 (\$'000)	4,194,215	71,048	11,246	114,582	88,886	993,575
2008 / 2007 %	0.6	19.6	13.0	2.8	7.0	4.8
Passenger cars, manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	48,497	709	185	1,520	1,120	13,299
	45,513	816	175	1,488	1,083	12,424
	45,558	906	200	1,715	1,214	12,552
	0.1	11.0	14.3	15.3	12.1	1.0
2006 (\$'000)	1,185,371	16,152	4,205	35,230	26,243	312,969
2007 (\$'000)	1,112,749	18,362	4,007	35,631	25,867	291,219
2008 (\$'000)	1,089,944	20,929	4,618	41,215	28,898	292,996
2008 / 2007 %	-2.0	14.0	15.2	15.7	11.7	0.6
Passenger cars, manufactured in Japan 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	12,486	x	x	294	x	4,567
	11,602	x	x	295	x	4,278
	14,898	x	x	404	x	5,796
	28.4	x	x	36.9	x	35.5
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	303,344 284,723 344,403 21.0	x x x	x x x x	6,721 6,617 8,589 29.8	x x x x	99,827 96,014 120,280 25.3
Passenger cars, manufactured in other countries 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	11,832	x	x	373	x	4,106
	13,740	x	x	411	x	4,660
	14,303	x	x	477	x	5,109
	4.1	x	x	16.1	x	9.6
2006 (\$'000)	360,700	x	x	8,139	x	109,316
2007 (\$'000)	392,779	x	x	8,349	x	114,687
2008 (\$'000)	423,648	x	x	9,809	x	132,861
2008 / 2007 %	7.9	x	x	17.5	x	15.8
Trucks 1, manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	55,604 55,095 53,375 -3.1	x x x x	x x x x	1,289 1,478 1,511 2.2	1,100 1,118 1,232 10.2	8,868 10,246 9,870 -3.7
2006 (\$'000)	2,277,346	x	x	46,306	43,610	356,082
2007 (\$'000)	2,047,493	x	x	54,580	41,112	371,865
2008 (\$'000)	1,987,665	x	x	49,380	44,072	359,233
2008 / 2007 %	-2.9	x	x	-9.5	7.2	-3.4
Trucks <sup>1</sup> , manufactured overseas 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	11,646 8,566 9,404 9.8	x x x x	x x x x	232 181 168 -7.2	203 162 157 -3.1	2,772 1,957 2,468 26.1
2006 (\$'000)	425,018	x	x	8,052	6,424	99,039
2007 (\$'000)	333,431	x	x	6,276	6,047	73,842
2008 (\$'000)	348,556	x	x	5,589	5,002	88,205
2008 / 2007 %	4.5	x	x	-10.9	-17.3	19.5

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

Туре	Canada	Ontario	Manitoba	Saskatchewan	Alberta	British
and origin of vehicles	Callada	Ontario	Marilloba	Saskatoriewari	Alberta	Columbia and the Territories <sup>2</sup>
Total, new motor vehicles 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	140,065 134,516 137,538 2.2	52,466 48,348 49,765 2.9	4,223 4,125 4,180 1.3	3,612 3,609 4,125 14.3	21,049 19,624 19,258 -1.9	16,169 16,002 13,927 -13.0
2006 (\$'000)	4,551,778	1,724,214	143,204	127,657	761,042	564,105
2007 (\$'000)	4,171,174	1,493,401	129,552	118,854	686,468	531,333
2008 (\$'000)	4,194,215	1,545,456	127,549	135,538	658,794	447,542
2008 / 2007 %	0.6	3.5	-1.5	14.0	-4.0	-15.8
Passenger cars, manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	48,497	19,344	1,451	985	5,133	4,751
	45,513	17,595	1,471	1,022	4,816	4,623
	45,558	18,046	1,453	1,282	4,530	3,660
	0.1	2.6	-1.2	25.4	-5.9	-20.8
2006 (\$'000)	1,185,371	484,882	35,863	24,857	128,706	116,263
2007 (\$'000)	1,112,749	440,573	36,492	25,463	121,506	113,628
2008 (\$'000)	1,089,944	432,743	34,282	30,914	113,584	89,766
2008 / 2007 %	-2.0	-1.8	-6.1	21.4	-6.5	-21.0
Passenger cars, manufactured in Japan 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	12,486	3,881	225	139	1,230	1,835
	11,602	3,500	217	135	1,093	1,768
	14,898	4,438	261	185	1,326	2,015
	28.4	26.8	20.3	37.0	21.3	14.0
2006 (\$'000)	303,344	103,240	5,444	3,448	31,515	46,567
2007 (\$'000)	284,723	93,466	5,129	3,430	28,905	44,609
2008 (\$'000)	344,403	113,356	6,453	4,473	34,812	47,169
2008 / 2007 %	21.0	21.3	25.8	30.4	20.4	5.7
Passenger cars, manufactured in other countries 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	11,832	4,076	207	149	954	1,523
	13,740	4,808	254	180	1,122	1,733
	14,303	4,711	275	199	1,233	1,657
	4.1	-2.0	8.3	10.6	9.9	-4.4
2006 (\$'000)	360,700	140,335	5,079	3,812	31,313	53,674
2007 (\$'000)	392,779	154,336	5,799	3,993	37,050	57,035
2008 (\$'000)	423,648	159,494	6,685	4,843	39,163	57,846
2008 / 2007 %	7.9	3.3	15.3	21.3	5.7	1.4
Trucks <sup>1</sup> , manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	55,604 55,095 53,375 -3.1	20,721 19,370 19,040 -1.7	2,042 1,964 1,995 1.6	2,128 2,035 2,243 10.2	12,002 11,215 10,702 -4.6	6,494 6,661 5,585 -16.2
2006 (\$'000)	2,277,346	830,544	86,432	88,325	505,638	288,660
2007 (\$'000)	2,047,493	681,263	74,325	77,054	445,189	267,428
2008 (\$'000)	1,987,665	705,690	73,150	87,443	416,489	212,804
2008 / 2007 %	-2.9	3.6	-1.6	13.5	-6.4	-20.4
Trucks <sup>1</sup> , manufactured overseas 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	11,646 8,566 9,404 9.8	4,444 3,075 3,530 14.8	298 219 196 -10.5	211 237 216 -8.9	1,730 1,378 1,467 6.5	1,566 1,217 1,010 -17.0
2006 (\$'000)	425,018	165,212	10,385	7,215	63,870	58,942
2007 (\$'000)	333,431	123,764	7,807	8,914	53,819	48,632
2008 (\$'000)	348,556	134,172	6,979	7,866	54,746	39,956
2008 / 2007 %	4.5	8.4	-10.6	-11.8	1.7	-17.8

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

<sup>2.</sup> 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 September

Province	Total new mot	or vehicles				Passenger	cars			
			North An	nerica	Japa	n	Other cou	ıntries	Tota	I
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	no.	%	no.	%	no.	%	no.	%	no.	%
2006										
Newfoundland and Labrador	19.228	-3.6	7.612	-4.9	х	х	x	x	10.607	-4.5
Prince Edward Island	3.889	2.2	1.716	6.8	X	X	X	X	2.429	5.7
Nova Scotia	37,717	2.0	16,175	1.8	2,873	30.8	3,662	8.8	22,710	5.9
New Brunswick	27,470	0.4	11,140	-0.1	2,070 X	X	X	X	15,352	2.7
Quebec	318,311	-1.4	119,940	-2.7	45,152	5.2	42,020	-1.4	207,112	-0.8
Ontario	475,499	0.0	177,145	2.0	33,075	16.0	38,459	-3.0	248,679	2.8
Manitoba	34,838	-4.6	11.575	-8.3	1,744	32.1	1,981	-2.7	15,300	-4.3
Saskatchewan	30.112	-1.0	8.380	-3.4	1.129	30.7	1,445	-9.0	10,954	-1.6
Alberta	188,537	12.3	48,538	-3.4 4.7	9,660	30.7	8,556	3.9	66,754	7.7
British Columbia and the Territories <sup>1</sup>	148,761	3.0	46,081	-2.9	14,772	24.7	13,658	12.0	74,511	4.2
	1.284.362	3.0 1.5	46,061	-2.9 -0.1	111.585				674,511	2.0
Canada	1,204,302	1.5	446,302	-0.1	111,565	14.1	114,521	0.0	674,406	2.0
2007										
Newfoundland and Labrador	22,987	19.5	9,058	19.0	X	X	X	X	12,535	18.2
Prince Edward Island	4,269	9.8	1,860	8.4	X	X	X	X	2,658	9.4
Nova Scotia	38,949	3.3	15,818	-2.2	3,369	17.3	4,037	10.2	23,224	2.3
New Brunswick	29,763	8.3	11,532	3.5	X	X	X	X	16,213	5.6
Quebec	332,218	4.4	120,282	0.3	49,741	10.2	42,595	1.4	212,618	2.7
Ontario	469,749	-1.2	166,674	-5.9	36,285	9.7	41,498	7.9	244,457	-1.7
Manitoba	36,180	3.9	11,609	0.3	1,909	9.5	2,351	18.7	15,869	3.7
Saskatchewan	34,343	14.1	8,852	5.6	1,262	11.8	1,561	8.0	11,675	6.6
Alberta	198,117	5.1	48,795	0.5	10,963	13.5	10,035	17.3	69,793	4.6
British Columbia and the Territories1	156,925	5.5	44,588	-3.2	16,540	12.0	15,661	14.7	76,789	3.1
Canada	1,323,500	3.0	439,068	-2.1	123,889	11.0	122,874	7.3	685,831	1.7
2008										
Newfoundland and Labrador	26.140	13.7	9.796	8.1	x	x	x	x	14.314	14.2
Prince Edward Island	4,485	5.1	2,032	9.2	x	x	x	x	2,906	9.3
Nova Scotia	43,005	10.4	18,197	15.0	4,111	22.0	5,098	26.3	27,406	18.0
New Brunswick	32,352	8.7	12,444	7.9	ч, т т Х	22.0 X	3,030 X	20.5 X	18,495	14.1
Quebec	356,982	7.5	129,871	8.0	56,817	14.2	49,447	16.1	236,135	11.1
Ontario	471.106	0.3	171.190	2.7	40,876	12.7	45,733	10.1	257,799	5.5
Manitoba	37,727	4.3	171,190	7.2	2,611	36.8	45,733 2.446	4.0	257,799 17.506	10.3
Saskatchewan	37,727 38,213	4.3 11.3	12,449	18.3	1,776	30.8 40.7	1,953	4.0 25.1	14,205	21.7
	38,213 187,216		48,827		1,776	40.7 10.9	1,953		72,045	3.2
Alberta		-5.5		0.1				10.2		
British Columbia and the Territories¹	146,025	-6.9	42,468	-4.8	18,085	9.3	15,870	1.3	76,423	-0.5
Canada	1,343,251	1.5	457,750	4.3	141,340	14.1	138,144	12.4	737,234	7.5

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

Province	Total new motor	r vehicles	Trucks <sup>2</sup>						
			North Ame	erica	Oversea	as	Total		
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change	
	no.	%	no.	%	no.	%	no.	%	
2006									
Newfoundland and Labrador	19,228	-3.6	x	x	х	x	8,621	-2.4	
Prince Edward Island	3,889	2.2	x	x	х	x	1,460	-3.1	
Nova Scotia	37,717	2.0	12,810	-5.6	2,197	13.2	15,007	-3.3	
New Brunswick	27,470	0.4	10,443	-5.8	1,675	24.8	12,118	-2.5	
Quebec	318,311	-1.4	86,824	-5.0	24,375	7.6	111,199	-2.5	
Ontario	475,499	0.0	190,007	-4.9	36,813	8.7	226,820	-2.9	
Manitoba	34,838	-4.6	17,062	-8.6	2,476	30.9	19,538	-4.9	
Saskatchewan	30.112	-1.0	17,299	-1.4	1.859	5.4	19,158	-0.7	
Alberta	188,537	12.3	109,315	13.3	12,468	31.5	121,783	14.9	
British Columbia and the Territories¹	148.761	3.0	61,508	-0.8	12,742	16.8	74,250	1.8	
Canada	1,284,362	1.5	513,750	-1.1	96,204	12.7	609,954	0.9	
2007									
Newfoundland and Labrador	22,987	19.5	X	X	x	x	10,452	21.2	
Prince Edward Island	4.269	9.8	X	х	x	Х	1,611	10.3	
Nova Scotia	38,949	3.3	14,050	9.7	1,675	-23.8	15,725	4.8	
New Brunswick	29.763	8.3	12.058	15.5	1.492	-10.9	13,550	11.8	
Quebec	332,218	4.4	101,177	16.5	18,423	-24.4	119,600	7.6	
Ontario	469,749	-1.2	196,809	3.6	28,483	-22.6	225,292	-0.7	
Manitoba	36,180	3.9	18,338	7.5	1,973	-20.3	20,311	4.0	
Saskatchewan	34,343	14.1	20.785	20.2	1.883	1.3	22,668	18.3	
Alberta	198,117	5.1	116,214	6.3	12,110	-2.9	128,324	5.4	
British Columbia and the Territories¹	156,925	5.5	69,169	12.5	10,967	-13.9	80,136	7.9	
Canada	1,323,500	3.0	559,224	8.9	78,445	-18.5	637,669	4.5	
2008									
Newfoundland and Labrador	26,140	13.7	x	x	х	x	11,826	13.1	
Prince Edward Island	4,485	5.1	X	х	x	x	1,579	-2.0	
Nova Scotia	43,005	10.4	13,849	-1.4	1,750	4.5	15,599	-0.8	
New Brunswick	32,352	8.7	12,338	2.3	1,519	1.8	13,857	2.3	
Quebec	356,982	7.5	98,830	-2.3	22,017	19.5	120,847	1.0	
Ontario	471,106	0.3	181,882	-7.6	31,425	10.3	213,307	-5.3	
Manitoba	37.727	4.3	18,126	-1.2	2,095	6.2	20,221	-0.4	
Saskatchewan	38,213	11.3	21.885	5.3	2,123	12.7	24,008	5.9	
Alberta	187,216	-5.5	102,754	-11.6	12,417	2.5	115,171	-10.2	
British Columbia and the Territories¹	146,025	-6.9	59,738	-13.6	9,864	-10.1	69,602	-13.1	
Canada	1,343,251	1.5	521,230	-6.8	84,787	8.1	606,017	-5.0	

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

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 September

Province	Total new mot	or vehicles	Passenger cars							
		•	North An	nerica	Japa	n	Other cou	ıntries	Tota	I
	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	%
2006										
Newfoundland and Labrador	518.498	-2.8	174.860	-2.9	x	x	x	х	234.356	-2.2
Prince Edward Island	101,811	3.1	39,757	9.5	X	x	x	x	53,428	8.9
Nova Scotia	1,058,356	1.1	379,008	3.2	65,282	34.6	81,381	6.7	525,671	6.9
New Brunswick	808.298	3.8	263,669	1.9	X	X	χ	X	349,411	4.2
Quebec	9.160.001	-1.1	2.867.460	-1.1	986.440	9.9	1.068.374	1.4	4.922.273	1.5
Ontario	15,546,420	-0.8	4,514,443	2.4	884.103	17.0	1,288,900	-0.7	6,687,446	3.5
Manitoba	1,187,486	-5.3	288,238	-7.1	42,011	29.2	49.802	-2.0	380.055	-3.4
Saskatchewan	1,043,352	0.1	213.599	-1.4	29.095	28.9	34.681	-5.2	277.375	0.6
Alberta	6,785,800	14.2	1.232.740	7.0	255.072	32.7	271.455	7.1	1.759.270	10.1
British Columbia and the Territories¹	4,983,878	4.6	1.147.341	0.7	371.878	25.1	466.261	10.8	1.985.482	6.9
Canada	41,193,895	2.0	11,121,121	1.4	2,700,804	17.3	3,352,844	2.1	17.174.766	3.8
	41,193,093	2.0	11,121,121	1.4	2,700,004	17.5	3,332,044	2.1	17,174,700	5.0
2007										
Newfoundland and Labrador	625,299	20.6	204,481	16.9	х	X	X	х	274,033	16.9
Prince Edward Island	110,439	8.5	42,118	5.9	Х	X	Х	Х	57,582	7.8
Nova Scotia	1,081,245	2.2	366,861	-3.2	75,640	15.9	87,445	7.5	529,944	8.0
New Brunswick	853,208	5.6	267,349	1.4	X	X	X	X	362,305	3.7
Quebec	9,383,727	2.4	2,798,885	-2.4	1,098,699	11.4	1,097,228	2.7	4,994,812	1.5
Ontario	14,920,955	-4.0	4,182,124	-7.4	979,376	10.8	1,387,077	7.6	6,548,575	-2.1
Manitoba	1,203,149	1.3	284,829	-1.2	46,768	11.3	56,725	13.9	388,322	2.2
Saskatchewan	1,185,879	13.7	218,867	2.5	32,651	12.2	37,529	8.2	289,047	4.2
Alberta	6,986,578	3.0	1,228,358	-0.4	288,382	13.1	323,501	19.2	1,840,243	4.6
British Columbia and the Territories <sup>1</sup>	5,253,743	5.4	1,094,667	-4.6	413,731	11.3	510,949	9.6	2,019,346	1.7
Canada	41,604,217	1.0	10,688,539	-3.9	3,014,792	11.6	3,600,871	7.4	17,304,202	8.0
2008										
Newfoundland and Labrador	715,589	14.4	224,983	10.0	х	x	х	х	315,148	15.0
Prince Edward Island	113,749	3.0	45,909	9.0	х	x	х	х	62,607	8.7
Nova Scotia	1,184,685	9.6	434,565	18.5	91,136	20.5	109,000	24.6	634,700	19.8
New Brunswick	928,994	8.9	293,139	9.6	X	X	X	X	416,884	15.1
Quebec	9,878,073	5.3	2,978,031	6.4	1.225.861	11.6	1,292,848	17.8	5.496.740	10.0
Ontario	14,796,290	-0.8	4,202,285	0.5	1,069,195	9.2	1,560,473	12.5	6,831,952	4.3
Manitoba	1.191.608	-1.0	298.754	4.9	62.870	34.4	60.138	6.0	421.764	8.6
Saskatchewan	1,270,593	7.1	254,406	16.2	44,925	37.6	48.605	29.5	347.931	20.4
Alberta	6,305,019	-9.8	1.240.712	1.0	320.133	11.0	354.653	9.6	1.915.497	4.1
British Columbia and the Territories¹	4,694,997	-10.6	1,044,370	-4.6	445,444	7.7	541,860	6.0	2,031,673	0.6
Canada	41.079.596	-1.3	11.017.151	3.1	3.360.773	11.5	4.096.971	13.8	18.474.892	6.8

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

Province	Total new moto	r vehicles			Trucks	2		
			North Ame	erica	Oversea	as	Total	
	Units	Year/year change	Units	Year/year change	Units	Year/year change	Units	Year/year change
	\$'000	%	\$'000	%	\$'000	%	\$'000	%
2006								
Newfoundland and Labrador	518,498	-2.8	х	x	X	X	284,142	-3.3
Prince Edward Island	101,811	3.1	X	X	X	X	48,380	-2.7
Nova Scotia	1,058,356	1.1	459,519	-6.5	73,165	15.7	532,684	-3.9
New Brunswick	808,298	3.8	406,071	1.0	52,814	28.9	458,886	3.6
Quebec	9,160,001	-1.1	3,401,874	-6.6	835,853	8.3	4,237,728	-4.0
Ontario	15,546,420	-0.8	7,492,595	-5.9	1,366,380	8.6	8,858,973	-3.9
Manitoba	1,187,486	-5.3	722,120	-9.3	85,310	33.3	807,432	-6.1
Saskatchewan	1,043,352	0.1	701,678	-0.9	64,297	9.3	765,976	-0.1
Alberta	6,785,800	14.2	4,568,325	14.3	458,207	32.5	5,026,528	15.7
British Columbia and the Territories <sup>1</sup>	4,983,878	4.6	2,524,408	1.2	473,990	14.8	2,998,399	3.2
Canada	41,193,895	2.0	20,559,742	-1.1	3,459,388	13.0	24,019,128	0.7
2007								
Newfoundland and Labrador	625,299	20.6	X	X	X	х	351,264	23.6
Prince Edward Island	110,439	8.5	X	X	X	X	52,858	9.3
Nova Scotia	1,081,245	2.2	493,849	7.5	57,450	-21.5	551,299	3.5
New Brunswick	853,208	5.6	441,347	8.7	49,560	-6.2	490,906	7.0
Quebec	9,383,727	2.4	3,708,199	9.0	680,716	-18.6	4,388,917	3.6
Ontario	14,920,955	-4.0	7,266,521	-3.0	1,105,859	-19.1	8,372,380	-5.5
Manitoba	1,203,149	1.3	744,621	3.1	70,208	-17.7	814,828	0.9
Saskatchewan	1,185,879	13.7	828,270	18.0	68,564	6.6	896,832	17.1
Alberta	6,986,578	3.0	4,684,078	2.5	462,260	0.9	5,146,338	2.4
British Columbia and the Territories <sup>1</sup>	5,253,743	5.4	2,805,266	11.1	429,131	-9.5	3,234,396	7.9
Canada	41,604,217	1.0	21,330,911	3.8	2,969,106	-14.2	24,300,013	1.2
2008								
Newfoundland and Labrador	715,589	14.4	X	X	X	Х	400,443	14.0
Prince Edward Island	113,749	3.0	X	X	X	Х	51,143	-3.2
Nova Scotia	1,184,685	9.6	489,830	-0.8	60,153	4.7	549,984	-0.2
New Brunswick	928,994	8.9	462,938	4.9	49,170	-0.8	512,109	4.3
Quebec	9,878,073	5.3	3,594,583	-3.1	786,750	15.6	4,381,334	-0.2
Ontario	14,796,290	-0.8	6,764,956	-6.9	1,199,380	8.5	7,964,338	-4.9
Manitoba	1,191,608	-1.0	696,949	-6.4	72,899	3.8	769,847	-5.5
Saskatchewan	1,270,593	7.1	846,523	2.2	76,139	11.0	922,663	2.9
Alberta	6,305,019	-9.8	3,923,980	-16.2	465,542	0.7	4,389,523	-14.7
British Columbia and the Territories <sup>1</sup>	4,694,997	-10.6	2,274,393	-18.9	388,930	-9.4	2,663,323	-17.7
Canada	41,079,596	-1.3	19,457,100	-8.8	3,147,602	6.0	22,604,702	-7.0

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

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 <sup>1</sup>	
	_	Total	North America	Japan	Other countries	Total	North America	Overseas
	- <u></u>			numbe	er			
1985	1,530,410	1,137,216	794,965	199,221	143,030	393,194	344,871	48,323
1986	1,515,920	1,095,313	761,169	203,304	130,840	420,607	368,423	52,184
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 58,974
1992 1993	1,227,419	798,023	503,460	236,675	57,888	429,396	370,422	58,974 51.773
1993	1,192,934 1.260.056	739,049 748.666	493,759 573.361	196,310 129.547	48,980 45.758	453,885 511.390	402,112 475.444	35.946
199 <del>4</del> 1995	1,260,056	670.190	553,265	71,493	45,756 45,432	496,345	475,444 469.590	26.755
1996	1,100,555	660,769	572,581	47,901	40,287	543,788	517,738	26,755
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
				\$'000	)			
1985	19,890,119	13,707,637	9,545,156	2,325,922	1,836,559	6,182,482	5,641,518	540,964
1986	21,841,550	14,669,730	9,856,684	2,811,893	2,001,153	7,171,820	6,441,827	729,993
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 53,628,377	22,077,502 21,806,999	14,250,869 13,489,763	3,469,392 3,707,820	4,357,245 4,609,417	31,888,757 31,821,375	27,445,267 27,875,811	4,443,494 3.945.567
2007								

<sup>1.</sup> 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 mo	tor vehicles		Passenger of	ars		Truck	(S <sup>1</sup>
			North Ar	merica	Overs	eas	Tota	al
	Units	Month/month change	Units	Month/month change	Units	Month/month change	Units	Month/month change
	no.	%	no.	%	no.	%	no.	%
2006								
January	137,734	1.6	50.055	4.2	21,910	-4.5	65.769	1.8
February	138.067	0.2	48.176	-3.8	23,243	6.1	66.648	1.3
March	137,174	-0.6	47,940	-0.5	22,476	-3.3	66,758	0.2
April	133,836	-2.4	45,729	-4.6	24,020	6.9	64,087	-4.0
May	132,611	-0.9	45,503	-0.5	23,836	-0.8	63,272	-1.3
June	135,448	2.1	46.732	2.7	24,912	4.5	63,804	0.8
July	140,666	3.9	47.122	0.8	25,569	2.6	67.975	6.5
August	141,667	0.7	47,512	0.8	24,465	-4.3	69,690	2.5
September	139.081	-1.8	48,537	2.2	24,122	-1.4	66.422	-4.7
October	139,856	0.6	44,705	-7.9	25,480	5.6	69,671	4.9
November	142,711	2.0	48,499	-7.9 8.5	25,460 25,108	-1.5	69,104	-0.8
		3.3	52,592	8.4	24,917	-1.5 -0.8	69,965	-0.6 1.2
December	147,474	3.3	52,592	8.4	24,917	-0.8	69,965	1.2
2007								
January	138,958	-5.8	43,359	-17.6	25,678	3.1	69,921	-0.1
February	137,186	-1.3	43,752	0.9	25,585	-0.4	67,849	-3.0
March	138,706	1.1	44,627	2.0	25,799	0.8	68,280	0.6
April	147,587	6.4	49,452	10.8	26,155	1.4	71,980	5.4
May	145,277	-1.6	47,069	-4.8	26,517	1.4	71,691	-0.4
June	143.778	-1.0	48,423	2.9	27,091	2.2	68,264	-4.8
July	139,758	-2.8	45,942	-5.1	25,984	-4.1	67,832	-0.6
August	143,840	2.9	47,909	4.3	25,835	-0.6	70,096	3.3
September	140,541	-2.3	47,301	-1.3	25,787	-0.2	67.453	-3.8
October	138,276	-1.6	45.907	-2.9	24.112	-6.5	68.257	1.2
November	134,927	-2.4	44.066	-4.0	23,330	-3.2	67,531	-1.1
December	141,649	5.0	43,062	-2.3	26,270	12.6	72,317	7.1
2008								
January	154,105	8.8	53,587	24.4	28,474	8.4	72,044	-0.4
February	148,493	-3.6	50,208	-6.3	30.075	5.6	68,210	-5.3
March	147,171	-0.9	47,736	-0.3 -4.9	31,907	6.1	67,528	-1.0
April	143,318	-2.6	46,997	- <del>1</del> .5	29,130	-8.7	67,191	-0.5
May	144,180	0.6	48,807	3.9	30,361	4.2	65,012	-3.2
June r	144,180	-1.2	49,130	0.7	30,053	-1.0	63,307	-3.2 -2.6
July r	142,490	-1.2 -0.9	48,866	-0.5	27,983	-1.0 -6.9	64,395	-2.0 1.7
August r	138,064	-0.9 -2.3	46,666 45.481	-0.5 -6.9	27,963 28,201	-6.9 0.8	64,382	0.0
September p	141,574	-2.3 2.5	46,118	-6.9 1.4	29,280	3.8	66,176	2.8
September P	141,574	2.5	40,118	1.4	29,280	3.0	00,176	2.8

<sup>1.</sup> 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

		and Labrador	Edward	Scotia	Brunswick	
		Labrador				
			Island			
			number			
2006						
January	137,734	2,112	389	4,506	2,805	33,468
February	138,067	1,936	432	3,897	2,837	32,887
March	137,174	1,830	403	4,227	2,878	32,450
April	133,836	1,884	384	3,690	2,799	32,581
May	132,611	1,873	387	3,670	2,675	31,870
June	135,448	2,086	415	3,706	2,837	32,370
July	140,666	1,928	425	3,795	2,971	34,151
August	141,667	1,980	423	4,006	2,945	35,211
September	139,081	2,004	402	4,001	2,981	33,177
October	139,856	2,002	391	3,813	2,930	34,561
November	142,711	2,282	442	4,436	3,466	34,216
December	147,474	2,271	440	3,991	3,279	37,255
2007						
January	138,958	2,214	428	3,788	3,151	33,730
February	137,186	2,147	420	3,691	2,811	33,467
March	138,706	2,355	478	3,866	3,013	32,982
April	147,587	2,480	464	4,273	2,988	36,898
May	145,277	2,391	474	3,709	3,265	37,809
June	143,778	2,382	440	4,215	3,225	35,166
July	139,758	2,355	416	4,160	3,158	33,549
August	143,840	2,501	482	4,293	3,257	34,712
September	140,541	2,301	430	4,306	3,139	35,250
October	138,276	2,354	484	4,239	3,242	34,010
November	134,927	2,351	324	4,437	2,958	31,956
December	141,649	2,412	463	4,203	3,082	33,888
2008						
January	154,105	3,069	510	4,746	3,299	40,002
February	148,493	3,216	484	4,663	3,348	40,392
March	147,171	2,508	497	4,808	3,288	37,696
April	143,318	2,512	471	4,069	3,535	37,083
Иay	144,180	2,535	497	4,575	3,377	37,646
June <sup>r</sup>	142,490	2,434	452	4,521	3,342	36,231
July <sup>r</sup>	141,244	2,666	447	4,363	3,523	36,355
August <sup>r</sup>	138,064	2,685	430	4,156	3,408	35,977
September p	141,574	2,741	482	4,606	3,430	36,593

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					
2006						
January February March April May June July August September October November December	137,734 138,067 137,174 133,836 132,611 135,448 140,666 141,667 139,081 139,856 142,711	52,150 52,048 52,227 49,839 49,585 50,813 52,848 51,793 51,764 50,607 53,530 53,444	3,814 3,598 3,755 3,564 3,632 3,751 3,987 3,767 3,837 3,958 4,053 4,208	2,881 3,381 3,237 3,155 3,154 3,372 3,439 3,332 3,455 3,410 3,597 3,502	19,855 20,993 19,804 20,229 20,160 20,010 21,143 21,807 20,893 21,555 20,383 21,899	15,754 16,058 16,363 15,771 15,605 16,088 15,979 16,403 16,567 16,629 16,306
2007 January February March April May June July August September October November December	138,958 137,186 138,706 147,587 145,277 143,778 139,758 143,840 140,541 138,276 134,927 141,649	50,632 49,158 49,213 53,545 51,783 51,717 49,844 52,212 50,051 48,994 47,533 51,004	3,814 3,764 3,960 4,077 3,880 3,866 3,764 4,001 3,990 4,022 3,945 4,052	3,547 3,451 3,554 3,810 3,802 3,817 3,797 3,906 3,766 3,989 3,895 4,220	21,396 21,292 22,519 21,271 21,172 21,975 21,918 21,730 20,593 20,625 21,048 21,484	16,258 16,985 16,766 17,781 16,992 16,975 16,797 16,746 16,715 16,317 16,480 16,841
2008 January February March April May June r July r August r September P	154,105 148,493 147,171 143,318 144,180 142,490 141,244 138,064 141,574	54,618 50,848 51,132 52,027 51,110 51,128 50,677 49,528 50,410	4,361 4,172 4,225 4,028 4,031 4,068 4,080 3,899 3,939	4,327 4,225 4,442 4,087 3,985 3,966 4,165 4,208 4,144	21,988 20,965 21,484 19,563 20,311 20,422 20,068 19,515 20,326	17,185 16,180 17,091 15,943 16,113 15,926 14,900 14,258 14,903

# **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.<sup>1</sup>

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.

<sup>1.</sup> 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.<sup>2</sup> 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."<sup>3</sup> 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.

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

<sup>3. «</sup>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-ARIMA<sup>4</sup> 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. 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. <sup>6</sup> 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.

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

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

<sup>6.</sup> MCD = 12 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 distributers 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.