# New Motor Vehicle Sales

August 2008



Statistics Statistique Canada





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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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## **Table of contents**

Highlights	5
Analysis – August 2008	6
North American-built passenger car sales drive the decline	6
Sales down in eight provinces	6
Related products	9
Statistical tables	
1 Monthly sales of new motor vehicles, by type and origin	11
1-1 in units	11
1-2 in dollars	13
2 Average monthly prices of passenger cars, by origin	15
3 Monthly market share of new passenger car sales (units), by origin, Canada	16
4 Provincial sales of new motor vehicles, by type and origin, in units and dollars, Augu	ust 17
5 Year to date provincial sales of new motor vehicles, by type and origin	19
5-1 in units, January to August	19
5-2 in dollars, January to August	21
6 Annual sales of new motor vehicles, by type and origin, in units and dollars, Canada	a 23
7 Canada, monthly sales of new motor vehicles, in units, by type and origin, seasonal	ly adjusted 24
8 Monthly sales of new motor vehicles, in units, by province, seasonally adjusted	25
Data quality, concepts and methodology	
Definitions	27
Appendix	
I Scope of the survey	28
II List of North American motor vehicle manufacturers	31

## Table of contents - continued

#### Charts

1.	New motor vehicle sales, seasonally adjusted, in units, 2005 to 2008	6
2.	Passenger car sales, seasonally adjusted, in units, 2005 to 2008	7
3.	Truck, van and bus sales, seasonally adjusted, in units, 2005 to 2008	7
4.	Monthly distribution of the Canadian motor vehicle market (passenger cars), by origin, 2005 to 2008	8
5.	Cumulative sales of new passenger cars, by origin, in units, 2005 to 2007	8

## **Highlights**

## August 2008

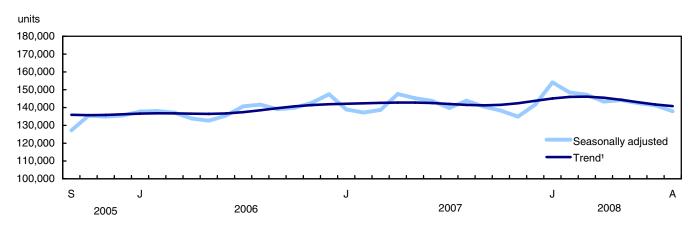
• Dealerships sold 137,937 new motor vehicles in August, down 2.3% from July. This third consecutive monthly decline was due entirely to falling sales of passenger cars.

## Analysis – August 2008

Dealerships sold 137,937 new motor vehicles in August, down 2.3% from July. This third consecutive monthly decline was due entirely to falling sales of passenger cars.

#### Chart 1

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



1. Trends represent smoothed seasonally adjusted data.

## North American-built passenger car sales drive the decline

Passenger car sales continued on their downward trend of the last few months with a 4.2% decline in August to 73,484 vehicles. This decrease was entirely due to a 6.8% sales drop in North American-built passenger cars. After two consecutive monthly declines, overseas-built passenger car sales edged up 0.4%.

Sales of new trucks (which include minivans, sport-utility vehicles, light and heavy trucks, vans and buses) were virtually unchanged from July with 64,453 vehicles sold.

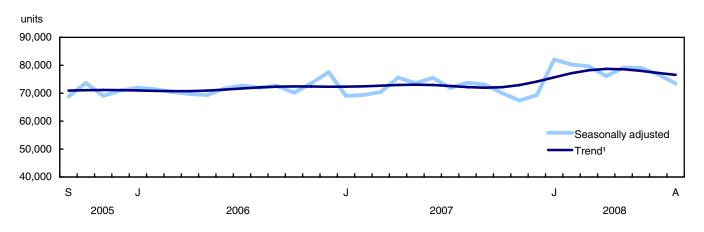
Preliminary industry data indicate that the number of new motor vehicles sold in September increased from August.

## Sales down in eight provinces

New motor vehicle sales declined in eight provinces in August, with the largest decline in Nova Scotia. The next largest decrease occurred in British Columbia (which, for the purposes of this release, also includes data from the three territories), where sales have been on a downward trend since the fall of 2007. The August sales level of 14,210 vehicles was down 15.1% from August 2007.

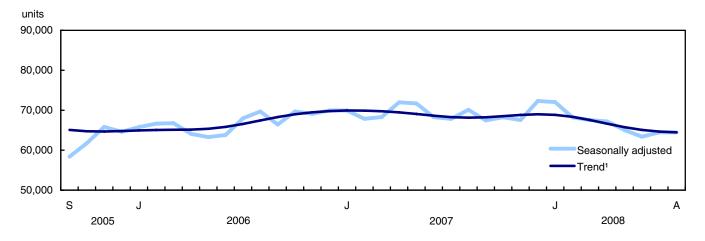
Sales in Saskatchewan and Newfoundland and Labrador rose in August.

#### 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

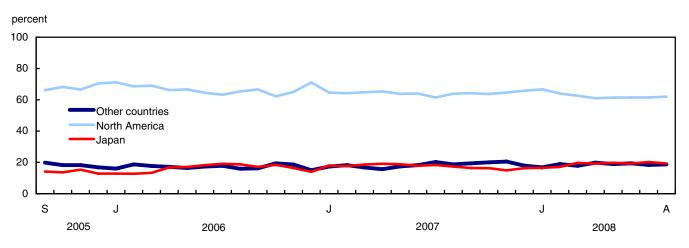
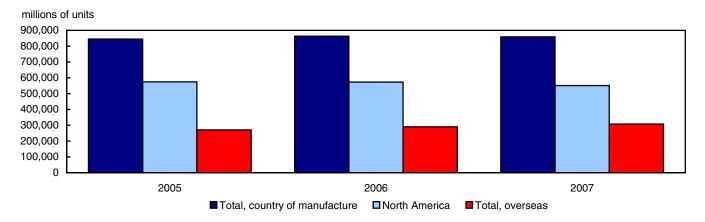


Chart 5





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

	Total new moto	r vehicles				Passenge	r cars			
		-	North A	merica	Japa	an	Other co	untries	Tota	al
	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	123,070	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
December	151,157	0.0	44,495	9.5	0,001	17.5	9,373	-3.1	02,545	0.4
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 P	149.612	-7.0	50.357	-6.3	15.678	7.6	15,152	-3.8	81,187	-3.4

See footnotes 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	Trucks1							
			North Ame	ica	Oversea	8	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	123,076	3.4	51,157	11.5	9,471	7.1	60,628	10.0		
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		
	160,883	1.9	67,582	7.5	9,234	-27.6	76,816	-1.9		
August September	134,516	-4.0	55.095	-0.9	9,234 8,566	-26.4	63.661	-5.3		
October	124.072	-4.0	54,266	-0.9	7,801	-20.4	62.067	-5.5		
November	124,072	-6.0	54,374	-1.9	7,450	-12.6	61,824	-3.4		
December	120,012	-6.3	60,045	-1.9	9,930	28.6	69,975	-3.4		
Year	1,690,538	1.5	727,909	6.8	103,626	-15.0	831,535	3.5		
2008	1,000,000		. 21,000	0.0	100,020	10.0	001,000	0.0		
	105.546	11.8	46.000	4.0	6.964	3.0	53.699	3.9		
January			46,838		6,861					
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 P	149,612	-7.0	58,778	-13.0	9,647	4.5	68,425	-10.9		

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

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

	Total new moto	or vehicles				Passenger	cars			
		-	North Am	erica	Japar	ı	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										
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
July	4,593,190	-7.8	1,197,134	-6.7	348,305	18.6	380,303	-5.2	1,925,742	-2.6
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	-8.0 -7.4	1,849,414	5.6
October		7.7	952,835	-10.4	278,233	24.5	348,268	-7.4	1,579,335	-2.4
	4,117,566 4,230,872	3.8		-10.4	263,541		348,200 348,557	4.0	1,637,501	-2.4 4.4
November			1,025,403			16.0				
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
August	4,886,861	-2.3	1,283,780	-3.4	352,457	-3.7	431,219	18.6	2,067,456	0.4
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										
Januarv	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	4,635,638	4.0	1,255,951	9.2	411,274	20.6	483,355	13.6	2,150,580	12.2
	4,035,038	-9.5	1,186,252	-7.6	365.697	3.8	446.676	3.6	1.998.625	-3.3
August P	4,420,837	-9.5	1,180,252	-7.6	305,097	3.8	440,076	3.6	1,998,625	

See footnotes 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	Trucks1							
			North Ame	rica	Oversea	S	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	2,277,346	11.8	425,018	32.9	2,702,364	14.7		
October	4,117,566	7.7	2,179,913	16.7	358,318	6.2	2,538,231	15.1		
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	-2.3	2,468,915	-0.9	350,490	-22.5	2,819,404	-4.2		
September	4,171,174	-8.4	2,047,493	-10.1	333,431	-21.5	2,380,923	-11.9		
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	4,635,638	4.0	2,149,660	-2.9	335,398	3.0	2,485,058	-2.2		
August P	4,420,837	-9.5	2,068,325	-16.2	353,887	1.0	2,422,213	-14.1		

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

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

## Table 2Average monthly prices of passenger cars, by origin

Period	Total, country of r	manufacture	North Am	erica	Total, over	seas	Japar	l	Other countries	
	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
May	25,592	1.0	24,856	0.3	27,059	2.7	24,282	4.2	29,935	2.8
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	24,950	2.9	25,831	0.7	23,827	3.4	27,986	0.0
August	25,035	2.3	24,700	3.2	25,668	-1.7	23,862	-0.1	27,783	-0.6
	25,035	1.8	24,701	3.2 1.4	27,307	2.7	23,802	-1.0	30,485	-0.0 8.6
September		0.4		1.4						0.0 0.0
October	25,290		24,532		26,539	-2.2	24,262	-3.2	28,690	
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
May	25,335	-1.0	24,527	-1.3	26,757	-1.1	24,248	-0.1	29,472	-1.5
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	0.0	24,196	1.4	27,377	-1.5
September	25,266	-0.5	24,449	0.0	26,734	-2.1	24,541	1.4	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	25,451	-2.8	29,104	-0.5	25,626	-0.1	32,263	-1.9
Year	25,386	-0.7	24.482	-1.5	27.004	0.1	24.507	0.4	29,415	-0.2
	,		,				,	•••		
2008	05 4 10	4.0	04.005	4.0	00 504		04.040	0.4	00 740	<u> </u>
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	24,975	1.3	23,709	-1.4	26,998	5.3	23,619	-1.4	30,740	13.2
August P	24,618	0.1	23,557	-1.4	26,350	1.9	23,325	-3.6	29,480	7.7

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

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

Period	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		
Year	859,003	100.0	551,001	64.1	151,298	17.6	156,704	18.2		
2008										
Januarv	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 P	81,187	100.0	50,357	62.0	15,678	19.3	15,152	18.7		

## Table 4

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

Type and origin of vehicles	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Total, new motor vehicles						
2006 (no.)	157,868	2,482	531	4,597	3,389	40,566
2007 (no.)	160,883	2,970	637	4,967	3,767	39,972
2008 (no.)	149,612	3,300	545	4,590	3,843	39,221
2008 / 2007 %	-7.0	11.1	-14.4	-7.6	2.0	-1.9
2006 (\$'000)	5,003,098	67,294	13,555	128,262	98,223	1,140,625
2007 (\$'000)	4,886,861	82,569	17,041	136,002	108,194	1,116,958
2008 (\$'000)	4,420,837	91,465	13,516	125,464	108,918	1,037,834
2008 / 2007 %	-9.5	10.8	-20.7	-7.7	0.7	-7.1
Passenger cars, manufactured in North America 2006 (no.)	53,812	847	221	1,720	1,295	15,459
2007 (no.)	53,749	1,080	265	1,981	1,541	14,781
2008 (no.)	50,357	1,136	253	1,844	1,416	14,037
2008 / 2007 %	-6.3	5.2	-4.5	-6.9	-8.1	-5.0
2006 (\$'000)	1,329,192	19,294	5,019	40,043	30,130	370,698
2007 (\$'000)	1,283,780	24,262	5,997	45,891	35,680	339,381
2008 (\$'000)	1,186,252	26,256	5,688	43,235	33,641	320,347
2008 / 2007 %	-7.6	8.2	-5.2	-5.8	-5.7	-5.6
Passenger cars, manufactured in Japan						
2006 (no.)	15,340	X	X	460	x	6,125
2007 (no.) 2008 (no.)	14,567 15,678	x x	x x	383 468	x x	5,802 6,737
2008 / 2007 %	7.6	x	x	22.2	x	16.1
2006 (\$'000)	366,042	х	х	10,448	x	132,285
2007 (\$'000)	352,457	x	x	8,423	x	129,000
2008 (\$'000)	365,697	х	х	10,495	х	141,496
2008 / 2007 %	3.8	х	х	24.6	х	9.7
Passenger cars, manufactured in other countries						
2006 (no.)	13,092	X	X	410	x	4,946
2007 (no.) 2008 (no.)	15,751 15,152	x x	x x	586 573	x x	5,411 5,249
2008 / 2007 %	-3.8	x	x	-2.2	x	-3.0
2006 (\$'000)	363,741	х	х	8,641	x	117,889
2007 (\$'000)	431,219	x	x	12,167	x	129,889
2008 (\$'000)	446,676	х	х	12,378	х	137,037
2008 / 2007 %	3.6	х	х	1.7	х	5.5
Trucks 1, manufactured in North America						
2006 (no.)	62,878	Х	х	1,708	1,359	10,633
2007 (no.) 2008 (no.)	67,582 58,778	X X	x x	1,820 1,518	1,463 1,511	11,887 10,561
2008 / 2007 %	-13.0	x	x	-16.6	3.3	-11.2
2006 (\$'000)	2,491,935	x	x	59.182	50,695	403,155
2007 (\$'000)	2,468,915	x	x	63,040	54,945	440,975
2008 (\$'000)	2,068,325	x	x	52,633	54,041	345,296
2008 / 2007 ´%	-16.2	х	х	-16.5	-1.6	-21.7
Trucks 1, manufactured overseas						
2006 (no.)	12,746	X	x	299	225	3,403
2007 (no.) 2008 (no.)	9,234 9,647	x	x	197 187	194 182	2,091 2,637
2008 (10.)	9,047 4.5	x x	x x	-5.1	-6.2	2,037
2006 (\$'000)	452,188	х	x	9,948	7,102	116,598
2007 (\$'000)	350,490	x	x	6,481	6,400	77,713
2008 (\$'000)	353,887	x	x	6,722	5,950	93,657
2008 / 2007 %	1.0			3.7	-7.0	20.5

See footnotes at the end of the table.

#### Table 4 - continued

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

Type and origin of vehicles	Canada	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and the Territories <sup>2</sup>
Total, new motor vehicles 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	157,868 160,883 149,612 -7.0	56,732 57,586 53,107 -7.8	4,471 4,721 4,455 -5.6	3,963 4,633 4,995 7.8	23,266 23,475 20,420 -13.0	17,871 18,155 15,136 -16.6
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	5,003,098 4,886,861 4,420,837 -9.5	1,835,284 1,736,310 1,608,656 -7.4	152,849 149,882 132,490 -11.6	134,093 150,469 162,488 8.0	828,882 796,462 667,374 -16.2	604,031 592,973 472,633 -20.3
Passenger cars, manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	53,812 53,749 50,357 -6.3	21,076 20,755 19,474 -6.2	1,474 1,551 1,504 -3.0	1,069 1,297 1,414 9.0	5,590 5,599 5,025 -10.3	5,061 4,899 4,254 -13.2
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	1,329,192 1,283,780 1,186,252 -7.6	532,544 506,076 459,325 -9.2	36,705 37,256 35,911 -3.6	27,121 31,455 33,690 7.1	142,989 139,136 125,545 -9.8	124,650 118,646 102,614 -13.5
Passenger cars, manufactured in Japan 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	15,340 14,567 15,678 7.6	4,589 4,278 4,281 0.1	247 237 260 9.7	161 168 175 4.2	1,341 1,359 1,239 -8.8	1,969 1,914 1,893 -1.1
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	366,042 352,457 365,697 3.8	118,817 113,894 111,028 -2.5	6,119 5,775 6,409 11.0	4,127 4,342 4,359 0.4	34,758 34,976 33,420 -4.4	50,079 47,324 45,767 -3.3
Passenger cars, manufactured in other countries 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	13,092 15,751 15,152 -3.8	4,165 5,295 4,951 -6.5	251 405 257 -36.5	183 245 210 -14.3	1,058 1,234 1,313 6.4	1,508 1,850 1,856 0.3
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	363,741 431,219 446,676 3.6	135,343 166,087 166,789 0.4	5,992 8,937 6,179 -30.9	3,989 5,207 5,499 5.6	31,547 37,197 40,471 8.8	49,528 58,079 63,157 8.7
Trucks <sup>1</sup> , manufactured in North America 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	62,878 67,582 58,778 -13.0	22,264 23,938 20,849 -12.9	2,185 2,293 2,199 -4.1	2,290 2,653 2,923 10.2	13,635 13,772 11,504 -16.5	7,602 8,298 6,060 -27.0
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	2,491,935 2,468,915 2,068,325 -16.2	879,621 820,873 737,336 -10.2	93,247 89,827 75,974 -15.4	90,224 99,463 108,785 9.4	559,443 527,702 419,283 -20.5	317,048 321,065 219,666 -31.6
Trucks <sup>1</sup> , manufactured overseas 2006 (no.) 2007 (no.) 2008 (no.) 2008 / 2007 %	12,746 9,234 9,647 4.5	4,638 3,320 3,552 7.0	314 235 235 0.0	260 270 273 1.1	1,642 1,511 1,339 -11.4	1,731 1,194 1,073 -10.1
2006 (\$'000) 2007 (\$'000) 2008 (\$'000) 2008 / 2007 %	452,188 350,490 353,887 1.0	168,960 129,380 134,178 3.7	10,786 8,087 8,016 -0.9	8,631 10,003 10,155 1.5	60,145 57,451 48,655 -15.3	62,727 47,860 41,429 -13.4

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 August

Province	Total new mot	or vehicles	Passenger cars								
			North An	nerica	Japa	n	Other cou	untries	Tota	1	
	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	17,249	-5.0	6,903	-6.4	х	х	х	х	9,620	-5.0	
Prince Edward Island	3,485	0.8	1,531	5.4	х	х	х	х	2,183	5.4	
Nova Scotia	34,009	1.2	14,655	0.4	2,579	32.1	3,289	13.7	20,523	5.6	
New Brunswick	24,627	-1.0	10,020	-1.3	х	х	х	х	13,812	2.3	
Quebec	284,699	-2.5	106,641	-4.1	40,585	4.8	37,914	0.1	185,140	-1.4	
Ontario	423,033	-0.7	157,801	2.1	29,194	13.9	34,383	-0.9	221,378	3.0	
Manitoba	30,615	-6.2	10,124	-9.3	1,519	25.5	1,774	-0.7	13,417	-5.2	
Saskatchewan	26,500	-2.5	7,395	-3.8	990	31.5	1,296	-3.4	9,681	-1.0	
Alberta	167,488	12.0	43,405	4.3	8,430	26.8	7,602	8.0	59,437	7.5	
British Columbia and the Territories <sup>1</sup>	132,592	2.1	41,330	-3.2	12,937	23.3	12,135	13.0	66,402	3.9	
Canada	1,144,297	0.6	399,805	-0.6	99,099	12.7	102,689	2.1	601,593	1.8	
2007											
Newfoundland and Labrador	20.825	20.7	8,242	19.4	х	х	х	х	11,393	18.4	
Prince Edward Island	3.886	11.5	1.685	10.1	х	х	х	х	2,403	10.1	
Nova Scotia	35,096	3.2	14,330	-2.2	3,074	19.2	3,626	10.2	21,030	2.5	
New Brunswick	26,918	9.3	10,449	4.3	x	x	x	x	14,648	6.1	
Quebec	298,653	4.9	107,858	1.1	45,463	12.0	37,935	0.1	191,256	3.3	
Ontario	421,401	-0.4	149,079	-5.5	32,785	12.3	36,690	6.7	218,554	-1.3	
Manitoba	32.055	4.7	10,138	0.1	1.692	11.4	2.097	18.2	13,927	3.8	
Saskatchewan	30,734	16.0	7,830	5.9	1,127	13.8	1,381	6.6	10,338	6.8	
Alberta	178,493	6.6	43,979	1.3	9,870	17.1	8,913	17.2	62,762	5.6	
British Columbia and the Territories1	140,923	6.3	39,965	-3.3	14,772	14.2	13,928	14.8	68,665	3.4	
Canada	1,188,984	3.9	393,555	-1.6	112,287	13.3	109,134	6.3	614,976	2.2	
2008											
Newfoundland and Labrador	23.519	12.9	8.890	7.9	х	х	х	х	12.931	13.5	
Prince Edward Island	4,031	3.7	1,832	8.7	x	x	x	x	2,603	8.3	
Nova Scotia	38,730	10.4	16,482	15.0	3.707	20.6	4,621	27.4	24.810	18.0	
New Brunswick	29,214	8.5	11,230	7.5	x	20.0 X	.,o_1	x	16,746	14.3	
Quebec	321,187	7.5	117,319	8.8	51,021	12.2	44,338	16.9	212,678	11.2	
Ontario	421.341	0.0	153,144	2.7	36,438	11.1	41.022	11.8	230.604	5.5	
Manitoba	33,547	4.7	10,996	8.5	2,350	38.9	2,171	3.5	15,517	11.4	
Saskatchewan	34,091	10.9	9,194	17.4	1,591	41.2	1.757	27.2	12,542	21.3	
Alberta	167,955	-5.9	44,297	0.7	10,832	9.7	9,824	10.2	64,953	3.5	
British Columbia and the Territories <sup>1</sup>	132,098	-6.3	38,808	-2.9	16,070	8.8	14,213	2.0	69,091	0.6	
Canada	1,205,713	1.4	412,192	4.7	126,442	12.6	123,841	13.5	662,475	7.7	

See footnotes 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 August

Province	Total new moto	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/yea change		
	no.	%	no.	%	no.	%	no.	%		
2006										
Newfoundland and Labrador	17.249	-5.0	х	х	х	х	7,629	-5.1		
Prince Edward Island	3.485	0.8	x	x	x	x	1,302	-6.2		
Nova Scotia	34,009	1.2	11,521	-7.2	1,965	13.2	13,486	-4.7		
New Brunswick	24,627	-1.0	9,343	-8.2	1,472	21.4	10,815	-5.1		
Quebec	284,699	-1.0	77,956	-6.7	21,603	4.3	99,559	-4.5		
Ontario	423,033	-0.7	169,286	-6.4	32,369	7.0	201,655	-4.5		
Manitoba	30,615	-6.2	15,020	-10.6	2,178	30.2	17,198	-4.0		
Saskatchewan	26,500	-0.2	15,171	-4.2	1,648	5.1	16,819	-3.3		
Alberta	167,488	12.0	97,313	13.2	10,738	29.3	108,051	14.6		
British Columbia and the Territories <sup>1</sup>	132,592	2.1	55,014	-2.2	11,176	15.5	66,190	0.4		
Canada	1,144,297	0.6	458,146	-2.5	84,558	10.5	542,704	-0.7		
2007										
Newfoundland and Labrador	20,825	20.7	х	х	х	х	9,432	23.6		
Prince Edward Island	3,886	11.5	х	х	х	х	1,483	13.9		
Nova Scotia	35,096	3.2	12,572	9.1	1,494	-24.0	14,066	4.3		
New Brunswick	26,918	9.3	10,940	17.1	1,330	-9.6	12,270	13.5		
Quebec	298,653	4.9	90,931	16.6	16,466	-23.8	107,397	7.9		
Ontario	421,401	-0.4	177,439	4.8	25,408	-21.5	202,847	0.6		
Manitoba	32.055	4.7	16,374	9.0	1.754	-19.5	18,128	5.4		
Saskatchewan	30,734	16.0	18,750	23.6	1,646	-0.1	20,396	21.3		
Alberta	178,493	6.6	104,999	7.9	10,732	-0.1	115,731	7.1		
British Columbia and the Territories <sup>1</sup>	140,923	6.3	62,508	13.6	9,750	-12.8	72,258	9.2		
Canada	1,188,984	3.9	504,129	10.0	69,879	-17.4	574,008	5.8		
2008										
Newfoundland and Labrador	23,519	12.9	x	х	х	x	10,588	12.3		
Prince Edward Island	4,031	3.7	x	x	x	x	1,428	-3.7		
Nova Scotia	38,730	10.4	12,338	-1.9	1,582	5.9	13,920	-1.0		
New Brunswick	29,214	8.5	11,106	1.5	1,362	2.4	12,468	1.6		
Quebec	321,187	7.5	88,960	-2.2	19,549	18.7	108,509	1.0		
Ontario	421,341	0.0	162,842	-2.2 -8.2	27,895	9.8	190,737	-6.0		
Vanitoba	33,547	4.7	16,131	-0.2	1,899	8.3	18,030	-0.0		
		4.7 10.9		-1.5 4.8		8.3 15.9		-0.8		
Saskatchewan	34,091		19,642		1,907		21,549			
Alberta	167,955	-5.9	92,052	-12.3	10,950	2.0	103,002	-11.0		
British Columbia and the Territories <sup>1</sup>	132,098	-6.3	54,153	-13.4	8,854	-9.2	63,007	-12.8		
Canada	1,205,713	1.4	467,855	-7.2	75,383	7.9	543,238	-5.4		

1. 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 August

Province	Total new motor vehicles		Passenger cars								
		-	North An	nerica	Japa	n	Other cou	Intries	Tota	1	
	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	464,534	-4.3	158,708	-4.1	х	х	х	х	212,746	-2.6	
Prince Edward Island	91,123	1.0	35,552	8.0	х	х	х	х	48,015	8.4	
Nova Scotia	953,908	0.3	343,778	2.0	58,561	35.7	73,242	12.0	475,581	6.7	
New Brunswick	723,073	2.3	237,426	1.0	х	х	х	х	314,220	3.7	
Quebec	8,182,768	-2.3	2,554,491	-2.5	886,613	9.8	959,058	2.1	4,400,161	0.8	
Ontario	13,822,206	-1.8	4,029,561	2.6	780,863	15.6	1,148,565	0.7	5,958,988	3.7	
Manitoba	1,044,282	-6.5	252,375	-8.1	36,567	23.6	44,723	-0.3	333,668	-4.4	
Saskatchewan	915,695	-1.6	188,742	-1.7	25,647	33.5	30,869	-1.6	245,259	1.1	
Alberta	6,024,758	14.2	1,104,034	6.6	223,557	29.6	240,142	10.3	1,567,736	9.9	
British Columbia and the Territories <sup>1</sup>	4,419,773	3.2	1,031,078	0.4	325,311	24.2	412,587	10.9	1,768,978	6.5	
Canada	36,642,117	1.0	9,935,750	0.9	2,397,460	16.5	2,992,144	3.4	15,325,352	3.5	
2007											
Newfoundland and Labrador	565.874	21.8	186.119	17.3	х	х	х	х	249.163	17.1	
Prince Edward Island	100.487	10.3	38,111	7.2	х	х	х	х	52.083	8.5	
Nova Scotia	969,792	1.7	331,230	-3.7	69,023	17.9	79,096	8.0	479,347	0.8	
New Brunswick	770.099	6.5	241,482	1.7	x	x	x	x	326,355	3.9	
Quebec	8,436,099	3.1	2,507,666	-1.8	1,002,685	13.1	982,541	2.4	4,492,891	2.1	
Ontario	13,427,554	-2.9	3,741,551	-7.1	885,910	13.5	1,232,741	7.3	5.860.201	-1.7	
Manitoba	1,073,597	2.8	248,337	-1.6	41,639	13.9	50,926	13.9	340.902	2.2	
Saskatchewan	1,067,025	16.5	193,404	2.5	29,221	13.9	33,536	8.6	256,160	4.4	
Alberta	6.300.110	4.6	1.106.852	0.3	259.477	16.1	286,451	19.3	1.652.782	5.4	
British Columbia and the Territories1	4,722,410	6.8	981,039	-4.9	369,122	13.5	453,914	10.0	1,804,074	2.0	
Canada	37,433,043	2.2	9,575,790	-3.6	2,730,069	13.9	3,208,092	7.2	15,513,951	1.2	
2008											
Newfoundland and Labrador	644,459	13.9	204.054	9.6	х	х	х	х	284.783	14.3	
Prince Edward Island	102,503	2.0	41,291	8.3	x	x	x	x	56,123	7.8	
Nova Scotia	1.070.105	10.3	393,350	18.8	82,547	19.6	99.191	25.4	575,087	20.0	
New Brunswick	840,108	9.1	264,241	9.4	×	X	x	_0.1	377,071	15.5	
Quebec	8,884,781	5.3	2,685,035	7.1	1,105,581	10.3	1.160.182	18.1	4,950,798	10.2	
Ontario	13.251.054	-1.3	3.769.542	0.7	955.839	7.9	1.401.525	13.7	6,126,905	4.6	
Manitoba	1,064,020	-0.9	264,472	6.5	56,417	35.5	53,447	5.0	374,339	9.8	
Saskatchewan	1,135,244	6.4	223,492	15.6	40,452	38.4	43,943	31.0	307,883	20.2	
Alberta	5,646,219	-10.4	1,127,128	1.8	285,321	10.0	315,377	10.1	1,727,826	4.5	
British Columbia and the Territories <sup>1</sup>	4,247,414	-10.4	954,604	-2.7	398,275	7.9	483,790	6.6	1,836,668	1.8	
Canada	36,885,906	-1.5	9,927,207	3.7	3,016,370	10.5	3,673,903	14.5	16,617,479	7.1	

See footnotes 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 August

Province	Total new moto	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		
	\$'000	%	\$'000	%	\$'000	%	\$'000	%		
2006	· · · · ·									
Newfoundland and Labrador	464.534	-4.3	х	х	х	х	251,788	-5.6		
Prince Edward Island	91,123	1.0	x	x	x	x	43,106	-6.1		
Nova Scotia	953,908	0.3	413,213	-8.0	65,113	15.3	478,326	-5.4		
New Brunswick	723,073	2.3	362,461	-1.2	46,390	25.0	408,852	1.2		
Quebec	8,182,768	-2.3	3,045,792	-7.9	736,814	4.5	3,782,607	-5.7		
Ontario	13,822,206	-1.8	6,662,051	-7.5	1,201,168	6.7	7,863,217	-5.6		
Vanitoba	1,044,282	-6.5	635,688	-10.6	74,925	32.1	710,614	-7.5		
Saskatchewan	915,695	-0.5	613,353	-3.5	57,082	9.2	670,436	-2.5		
	6,024,758	-1.6 14.2	4,062,687		394,337	9.2 30.2	4,457,021			
Alberta				14.5				15.8		
British Columbia and the Territories <sup>1</sup>	4,419,773	3.2	2,235,748	-1.0	415,048	13.8	2,650,798	1.1		
Canada	36,642,117	1.0	18,282,396	-2.5	3,034,370	10.7	21,316,764	-0.8		
2007										
Newfoundland and Labrador	565,874	21.8	х	х	х	х	316,709	25.8		
Prince Edward Island	100,487	10.3	х	х	х	х	48,405	12.3		
lova Scotia	969,792	1.7	439,269	6.3	51,174	-21.4	490,443	2.5		
New Brunswick	770,099	6.5	400,235	10.4	43,513	-6.2	443,747	8.5		
Quebec	8,436,099	3.1	3,336,334	9.5	606,874	-17.6	3,943,209	4.2		
Ontario	13,427,554	-2.9	6,585,258	-1.2	982,095	-18.2	7,567,354	-3.8		
Manitoba	1,073,597	2.8	670,296	5.4	62,401	-16.7	732,696	3.1		
Saskatchewan	1.067.025	16.5	751,216	22.5	59,650	4.5	810,864	20.9		
Alberta	6,300,110	4.6	4,238,889	4.3	408,441	3.6	4,647,331	4.3		
British Columbia and the Territories <sup>1</sup>	4,722,410	6.8	2,537,838	13.5	380,499	-8.3	2,918,336	10.1		
Canada	37,433,043	2.2	19,283,418	5.5	2,635,675	-13.1	21,919,090	2.8		
2008										
Newfoundland and Labrador	644,459	13.9	x	х	х	х	359,678	13.6		
Prince Edward Island	102,503	2.0	x	x	x	x	46,382	-4.2		
Nova Scotia	1.070.105	10.3	440.450	0.3	54,566	6.6	495,017	0.9		
New Brunswick	840,108	9.1	418,866	4.7	44,168	1.5	463,035	4.3		
	8,884,781	5.3	3,235,350	-3.0	698,633		3,933,984	-0.2		
						15.1				
Ontario	13,251,054	-1.3	6,059,266	-8.0	1,064,882	8.4	7,124,149	-5.9		
Aanitoba	1,064,020	-0.9	623,799	-6.9	65,886	5.6	689,684	-5.9		
Saskatchewan	1,135,244	6.4	759,080	1.0	68,281	14.5	827,362	2.0		
Iberta	5,646,219	-10.4	3,507,491	-17.3	410,902	0.6	3,918,394	-15.7		
British Columbia and the Territories <sup>1</sup>	4,247,414	-10.1	2,061,589	-18.8	349,157	-8.2	2,410,745	-17.4		
Canada	36,885,906	-1.5	17,469,435	-9.4	2,798,990	6.2	20,268,425	-7.5		

1. 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		
				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		
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		
				\$'000	I					
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		
1998	45,317,914	19,017,278	14,138,902	2,246,522	2,631,853	26,300,638	24,055,653	2,030,290		
2000	46,930,514	20,790,660	15,089,665	2,240,522	3,269,743	26,139,852	23,745,933	2,393,922		
2000	46,886,252	20,790,660 21,168,628	14,575,745	2,882,386	3,710,497	25,717,623	23,745,933 22,958,458	2,393,922		
2001	40,000,252 52,227,499	23,191,483	15,521,295	2,002,300 3,501,294	4,168,898	29,036,014	22,958,458	3,402,877		
2002				2,988,274	4,132,093	29,036,014 28,807,720	25,633,136	3,402,877		
	50,493,308	21,685,587	14,565,218							
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	53,628,377	21,806,999	13,489,763	3,707,820	4,609,417	31,821,375	27,875,811	3,945,567		

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 mot	Total new motor vehicles		Passenger of	Trucks <sup>1</sup>			
			North America		Overs	eas	Total	
	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	8.5	25,108	-1.5	69,104	-0.8
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	-4.9	31,907	6.1	67,528	-1.0
April	143,318	-2.6	46,997	-1.5	29,130	-8.7	67,191	-0.5
May <sup>r</sup>	144,180	0.6	48,807	3.9	30,361	4.2	65,012	-3.2
June <sup>r</sup>	142,465	-1.2	49,126	0.7	29,971	-1.3	63,368	-2.5
July <sup>r</sup>	141,169	-0.9	48,864	-0.5	27,837	-7.1	64,468	1.7
August <sup>p</sup>	137,937	-2.3	45,522	-6.8	27,962	0.4	64,453	0.0

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
		Labrador				
			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
May <sup>r</sup>	144,180	2,535	497	4,575	3,377	37,646
June <sup>r</sup>	142,465	2,430	451	4,512	3,340	36,228
July <sup>r</sup>	141,169	2,658	446	4,352	3,520	36,343
August p	137,937	2,678	429	4,143	3,409	35,990

#### 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
			numbe	۲		
2006						
January	137,734	52,150	3,814	2,881	19,855	15,754
February	138,067	52,048	3,598	3,381	20,993	16,058
March	137,174	52,227	3,755	3,237	19,804	16,363
April	133,836	49,839	3,564	3,155	20,229	15,711
May	132,611	49,585	3,632	3,154	20,160	15,605
June	135,448	50,813	3,751	3,372	20,010	16,088
July	140,666	52,848	3,987	3,439	21,143	15,979
August	141,667	51,793	3,767	3,332	21,807	16,403
September	139,081	51,764	3,837	3,455	20,893	16,567
October	139,856	50,607	3,958	3,410	21,555	16,629
November	142,711	53,530	4,053	3,597	20,383	16,306
December	147,474	53,444	4,208	3,502	21,899	17,185
2007						
January	138,958	50,632	3,814	3,547	21,396	16,258
February	137,186	49,158	3,764	3,451	21,292	16,985
March	138,706	49,213	3,960	3,554	22,519	16,766
April	147,587	53,545	4,077	3,810	21,271	17,781
May	145,277	51,783	3,880	3,802	21,172	16,992
June	143,778	51,717	3,866	3,817	21,975	16,975
July	139,758	49,844	3,764	3,797	21,918	16,797
August	143,840	52,212	4,001	3,906	21,730	16,746
September	140,541	50,051	3,990	3,766	20,593	16,715
October	138,276	48,994	4,022	3,989	20,625	16,317
November	134,927	47,533	3,945	3,895	21,048	16,480
December	141,649	51,004	4,052	4,220	21,484	16,841
2008						
January	154,105	54,618	4,361	4,327	21,988	17,185
February	148,493	50,848	4,172	4,225	20,965	16,180
March	147,171	51,132	4,225	4,442	21,484	17,091
April	143,318	52,027	4,028	4,087	19,563	15,943
May	144,180	51,110	4,031	3,985	20,311	16,113
June <sup>r</sup>	142,465	51,139	4,067	3,972	20,388	15,938
July <sup>r</sup>	141,169	50,681	4,080	4,169	20,023	14,897
August <sup>p</sup>	137,937	49,588	3,902	4,216	19,372	14,210
	.01,001	,000	0,002	.,=		,=

## **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.<sup>5</sup> 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.