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# MOTOR VEHICLE MANUFACTURERS

## 1961

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

### ANNUAL CENSUS OF MANUFACTURES

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### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.



## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1961, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level, and clerical employees. Working owners and partners are also included in this category but will be shown separately in subsequent years.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, handling, warehousing and delivery staff. Employees on new construction work, in retail or wholesale operations, on outside piece work, etc., are not included.



Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included with salaries, but will be shown separately in subsequent years. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the establishment including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### Inventories

Values represent the book value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

### Value added by Manufacturing

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

### Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.



# MOTOR VEHICLE MANUFACTURERS

1961

Data presented in this report under the heading of Motor Vehicle Manufacturers reflect implementation of the revised Standard Industrial Classification (S.I.C.) and the New Establishment Concept which are being used by the Dominion Bureau of Statistics in its compilation of 1961 industry statistics—see items "Standard Industrial Classification" and "Establishment" in the Explanatory Notes section of this report. For statistical purposes the industry titled Motor Vehicle Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing or assembling complete motor vehicles such as passenger automobiles, commercial cars and buses, trucks, and special purpose motor vehicles such as ambulances and taxicabs.

The introduction of the new definition of establishment (reporting units) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In the case of the industry under review such changes were of a relatively minor nature. The effect of these changes is indicated in the comparative series given in Tables 1A and 1B. Table 1B reflects the adjustments on account of the new concept changes for the years 1957 to 1961—see also footnote 1 below.

As a result of increased work loads and staff shortages it has been necessary to suspend publi-

cation of certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. In general the tables affected are the following: Directory of firms—Imports—Exports—Capital and Repair Expenditures.

**Note 1:** In addition to changes resulting from the implementation of the revised Standard Industrial Classification and the New Establishment Concept the 1961 figures reflect the effect of the reclassification of a major establishment out of this industry. This fact should be taken into account in a comparison of 1961 data with earlier years.

**Note 2:** Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.



**TABLE 1A. Principal Statistics: Motor Vehicle Manufacturers, Significant Years, 1929 - 59**

Basis: Standard Industrial Classification in use prior to 1960.

Year and province	Estab-lish-ments <sup>1</sup>	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used <sup>2</sup>	Value added by manufacture <sup>3</sup>	Selling value of factory shipments <sup>4</sup>
	number		dollars				
1929 .....	17	16,435	26,864,808	1,057,794	120,332,694	56,982,899	177,315,593
1933 .....	22	8,134	8,557,331	457,140	28,730,750	13,697,753	42,885,643
1937 .....	15	14,946	22,138,991	831,318	92,706,147	41,272,815	134,810,280
1939 .....	12	14,427	20,573,714	818,896	71,671,753	34,972,702	107,463,351
1943 .....	5	24,265	57,569,265	2,227,727	248,652,602	101,349,626	352,229,955
1946 .....	9	21,647	43,968,772	1,969,064	135,556,183	55,014,441	193,439,688
1949 .....	15	27,022	76,684,328	2,996,194	300,705,398	182,055,285	485,756,877
1955 .....	15	33,429	134,661,758	4,499,463	631,181,084	269,601,907	907,410,923
1956 .....	16	35,099	149,948,223	5,978,809	697,299,987	298,259,463	988,143,273
1957 .....	16	33,193	143,629,874	5,855,651	658,912,303	282,786,302	948,596,660
1958 .....	15	26,396	129,718,693	5,263,376	571,501,488	253,945,274	847,342,113
1959 .....	16	28,461	146,956,325	5,922,223	591,068,962	353,765,632	928,949,639

<sup>1</sup> Includes assembly plants.<sup>2</sup> Duty drawback has been deducted.<sup>3</sup> See footnote 2 to text.<sup>4</sup> (a) Includes value of parts made in auto factories, also any other products made in these works.

(b) The total under this heading prior to 1952 refers to value of production.

**Note:** Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

**TABLE 1B. Principal Statistics: Motor Vehicle Manufacturers, 1957 - 59 and by Provinces, 1960 and 1961**

Basis: Revised Standard Industrial Classification and New Establishment Concept.

Year and province	Estab-lish-ments <sup>1</sup>	Em-ployees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works <sup>2</sup>	Value added by manufacture <sup>3</sup>	Selling value of factory shipments <sup>4</sup>
	number		dollars				
1957 .....	15	32,547	141,192,811	5,786,073	654,159,332	<sup>5</sup>	941,232,634
1958 .....	14	25,711	127,077,982	5,195,945	563,471,038	250,316,745	836,422,484
1959 .....	15	27,852	144,329,344	5,841,020	585,020,647	342,446,919	909,749,885
1960							
Ontario .....	10	26,083	145,281,709	5,931,002	608,507,973	328,785,930	951,742,902
Other provinces .....	7	998	4,175,171	97,235	10,048,599	8,332,632	18,016,015
Canada .....	17	27,081	149,456,880	6,028,237	618,556,572	337,118,562	969,758,917
1961							
Ontario .....	9	20,403	115,397,381	4,940,350	592,667,805	265,487,918	849,456,686
Other provinces .....	8	1,270	5,541,132	144,334	10,681,778	11,662,611	21,485,673
Canada .....	17	21,673	120,938,513	5,084,684	603,349,583	277,150,529	870,942,359 <sup>6</sup>

<sup>1</sup> Includes assembly plants.<sup>2</sup> Duty drawback has been deducted.<sup>3</sup> See footnote 2 to text.<sup>4</sup> Includes value of parts made in auto factories, also any other products made in these works.

**Note:** Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

<sup>5</sup> Because of lack of inventory data "Value added" is not available for 1957.<sup>6</sup> See footnote 1 to text.



TABLE 2. Inventories,<sup>1</sup> 1961

Year	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Ontario .....	6,200,785	42,891,505	25,882,720	74,975,010
Other provinces .....	4,589,446	1,645,563	936,180	7,171,189
Canada .....	10,790,231	44,537,068	26,818,900	82,146,199
Closing:				
Ontario .....	5,978,134	53,664,656	28,748,956	88,391,746
Other provinces .....	5,523,457	2,382,385	1,202,408	9,108,250
Canada .....	11,501,591	56,047,041	29,951,364	97,499,996

<sup>1</sup> (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) The opening inventory for 1961 does not necessarily agree with the closing inventory for 1960 because of the receipt of revised data, changes in classification and the implementation of the New Establishment Concept.

TABLE 3. Factory Shipments<sup>1</sup> of Motor Vehicles, by Types, 1953-61  
(from All Industries)

Year	Passenger cars		Trucks and buses		Total	
	Number	Selling value at plant <sup>2</sup>	Number	Selling value at plant <sup>2</sup>	Number	Selling value at plant <sup>2</sup>
		\$		\$		\$
1953 .....	360,385	539,524,001	120,574	199,082,949	480,959	738,606,950
1954 .....	287,191	436,820,440	69,892	122,291,809	357,083	559,112,249
1955 .....	375,028	610,683,424	78,569	143,455,714	453,597	754,139,138
1956 .....	374,312	646,523,642	93,552	190,224,699	467,864	836,748,341
1957 .....	340,016	639,852,313	71,868	149,668,953	411,884	789,521,266
1958 .....	298,349	583,921,795	61,428	135,774,339	359,777	719,696,134
1959 .....	300,616	613,350,033	67,441	170,968,872	368,057	784,318,905
1960 .....	326,273	650,307,533	70,670	170,684,548	396,943	820,992,081
1961 .....	321,927	656,155,870	63,799	153,354,783	385,726	809,510,653

<sup>1</sup> Shipment figures include wheeled vehicles for military use.

<sup>2</sup> Selling value represents the wholesale value or the amount of money received by manufacturers from their dealers or distributors; taxes, dealers' commissions, etc., are not included.

**TABLE 4. Production and Factory Shipments of Motor Vehicles, 1960 and 1961**  
(from All Industries)

Type	Production (whether shipped or not)	Factory Shipments					
		For sale in Canada		For export		Total shipments	
		Number	Value of shipments	Number	Value of shipments	Number	Value of shipments
	No.		\$		\$		\$
<b>1960</b>							
(a) Passenger cars:							
Convertible cars:							
Soft top .....	6,563	6,321	14,821,811	180	369,342	6,501	15,191,153
Hard top:							
2-door .....	27,360	26,945	60,200,784	442	681,476	27,387	60,882,260
4-door .....	23,189	21,271	49,660,688	1,985	3,366,972	23,256	53,027,660
Permanent closed cars:							
2-door sedan or coupe:							
Compact model .....	9,711	9,977	17,259,095	17	27,403	9,994	17,286,498
Other .....	37,761	37,937	69,850,231	45	71,488	37,982	69,921,719
4-door sedan:							
Compact model .....	28,804	25,340	45,725,984	2,937	3,992,871	28,277	49,718,855
Other .....	156,956	149,090	301,445,490	8,512	12,686,803	157,602	314,132,293
Station-wagon type:							
2-door .....	6,758	6,634	13,843,318	15	26,451	6,649	13,869,769
4-door .....	24,505	23,684	52,504,941	777	1,236,930	24,461	53,741,871
Chassis (sold without bodies) ..	3,864	—	—	3,864	1,947,522	3,864	1,947,522
Other models .....	314	300	587,933	—	—	300	587,933
<b>Totals, passenger cars .....</b>	<b>325,785</b>	<b>307,499</b>	<b>625,900,275</b>	<b>18,774</b>	<b>24,407,258</b>	<b>326,273</b>	<b>650,307,533</b>
(b) Trucks (classified according to maximum gross vehicle weight- in pounds):							
6,000 or less .....	33,024	30,590	50,408,919	2,081	2,484,566	32,671	52,893,485
6,001 - 10,000 .....	11,204	10,445	19,408,129	593	751,234	11,038	20,159,363
10,001 - 14,000 .....	1,682	1,603	3,309,312	1	1,704	1,604	3,311,016
14,001 - 16,000 .....	3,232	2,846	7,370,627	336	347,607	3,182	7,718,234
16,001 - 19,500 .....	8,003	6,598	18,618,306	1,361	1,649,158	7,959	20,267,464
19,501 - 26,000 .....	10,304	9,788	35,921,378	—	—	9,788	35,921,378
26,001 - 33,000 .....	1,639	1,615	8,727,383	5	117,647	1,620	8,845,030
Over 33,000 .....	1,489	1,476	14,599,327	—	—	1,476	14,599,327
<b>Totals, trucks .....</b>	<b>70,577</b>	<b>64,961</b>	<b>158,363,381</b>	<b>4,377</b>	<b>5,351,916</b>	<b>69,338</b>	<b>163,715,297</b>
(c) Buses or coaches:							
Complete .....	165	164	4,500,083	—	—	164	4,500,083
Chassis only .....	1,212	1,168	2,469,168	—	—	1,168	2,469,168
<b>Totals, buses .....</b>	<b>1,377</b>	<b>1,332</b>	<b>6,969,251</b>	<b>—</b>	<b>—</b>	<b>1,332</b>	<b>6,969,251</b>
<b>Totals, all vehicles .....</b>	<b>397,739</b>	<b>373,792</b>	<b>791,232,907</b>	<b>23,151</b>	<b>29,759,174</b>	<b>396,943</b>	<b>820,992,081</b>

TABLE 4. Production and Factory Shipments of Motor Vehicles, 1960 and 1961  
(from All Industries) — Concluded

Type	Production (whether shipped or not)	Factory shipments					
		For sale in Canada		For export		Total shipments	
		Number	Value of shipments	Number	Value of shipments	Number	Value of shipments
	No.		\$		\$		\$
<b>1961</b>							
<b>(a) Passenger cars:</b>							
Convertible cars:							
Soft top .....	8,629	8,438	20,442,771	103	220,672	8,541	20,663,443
Hard top:							
2-door .....	30,154	29,701	65,611,636	147	277,677	29,848	65,889,313
4-door .....	22,226	20,571	49,297,674	1,557	2,655,905	22,128	51,953,579
Permanent closed cars:							
2-door sedan or coupe:							
Compact model .....	16,914	16,971	30,969,070	19	30,455	16,990	30,999,525
Other .....	29,456	28,633	54,666,950	24	44,035	28,657	54,710,985
4-door sedan:							
Compact model .....	39,023	38,079	70,635,211	1,088	1,640,749	39,167	72,275,960
Other .....	148,996	143,009	288,837,892	5,448	8,419,957	148,457	297,257,849
Station-wagon type:							
2-door .....	7,500	6,968	14,867,589	494	792,981	7,462	15,660,570
4-door .....	19,902	19,490	44,451,683	326	640,310	19,816	45,092,003
Chassis (sold without bodies) ..	120	—	—	120	200,280	120	200,280
Other models .....	718	739	1,449,033	2	3,330	741	1,452,363
<b>Totals, passenger cars ....</b>	<b>323,638</b>	<b>312,599</b>	<b>641,229,519</b>	<b>9,328</b>	<b>14,926,351</b>	<b>321,927</b>	<b>656,155,870</b>
<b>(b) Trucks (classified according to maximum gross vehicle weight in pounds):</b>							
6,000 or less .....	31,654	29,228	48,683,712	2,149	2,479,686	31,377	51,163,398
6,001-10,000 .....	9,494	9,299	16,642,282	449	531,430	9,748	17,173,712
10,001-14,000 .....	1,256	1,327	2,740,936	1	1,713	1,328	2,742,649
14,001-16,000 .....	2,946	2,644	8,847,945	257	403,582	2,901	9,251,527
16,001-19,500 .....	3,328	2,761	7,361,186	602	1,182,520	3,363	8,543,706
19,501-26,000 .....	10,131	10,595	32,286,506	8	17,467	10,603	32,303,973
26,001-33,000 .....	1,528	1,497	10,427,931	1	4,399	1,498	10,432,330
Over 33,000 .....	1,183	1,226	13,668,422	—	—	1,226	13,668,422
<b>Totals, trucks .....</b>	<b>61,520</b>	<b>58,577</b>	<b>140,658,920</b>	<b>3,467</b>	<b>4,620,797</b>	<b>62,044</b>	<b>145,279,717</b>
<b>(c) Buses or coaches:</b>							
Complete .....	176	176	4,571,489	—	—	176	4,571,489
Chassis only .....	1,589	1,579	3,503,577	—	—	1,579	3,503,577
<b>Totals, buses .....</b>	<b>1,765</b>	<b>1,755</b>	<b>8,075,066</b>	<b>—</b>	<b>—</b>	<b>1,755</b>	<b>8,075,066</b>
<b>Totals, all vehicles .....</b>	<b>386,923</b>	<b>372,931</b>	<b>789,963,505</b>	<b>12,795</b>	<b>19,547,148</b>	<b>385,726</b>	<b>809,510,653</b>

**TABLE 5. Factory Shipments of Motor Vehicles, showing made for Sale in Canada and made for Export Separately, 1953 -61**

Year	Passenger cars			Trucks and buses		
	Made for sale in Canada	Made for export	Total	Made for sale in Canada	Made for export	Total
	number					
1953 .....	319,937	40,448	360,385	100,772	19,802	120,574
1954 .....	267,452	19,739	287,191	59,666	10,226	69,892
1955 .....	349,306	25,722	375,028	69,186	9,383	78,569
1956 .....	349,809	24,503	374,312	85,094	8,458	93,552
1957 .....	318,416	21,600	340,016	64,857	7,011	71,868
1958 .....	280,677	17,672	298,349	55,908	5,520	61,428
1959 .....	285,841	14,775	300,616	63,429	4,012	67,441
1960 .....	307,499	18,774	326,273	66,293	4,377	70,670
1961 .....	312,599	9,328	321,927	60,332	3,467	63,799

**TABLE 6. Motor Vehicle Shipments by Canadian Producers, by Months, 1960 and 1961**

Month	Passenger		Commercial		Total	
	For sale in Canada	For export	For sale in Canada	For export	For sale in Canada	For export
number						
1960						
January .....	30,496	1,828	6,367	117	36,863	1,945
February .....	27,996	2,238	5,954	118	33,950	2,356
March .....	36,200	2,329	7,759	601	43,959	2,930
April .....	32,789	2,008	6,210	332	38,999	2,340
May .....	34,041	2,177	6,654	462	40,695	2,639
June .....	30,765	2,134	5,550	475	36,339	2,609
July .....	16,347	1,679	4,562	392	20,909	2,071
August .....	5,392	664	3,086	602	8,478	1,266
September .....	12,290	103	4,355	534	16,645	637
October .....	23,203	758	4,633	168	27,836	926
November .....	29,519	1,439	4,839	14	34,358	1,453
December .....	28,674	1,417	4,766	553	33,440	1,970
Totals .....	307,722	18,774	64,749	4,368	372,471	23,142
1961						
January .....	23,693	1,135	4,514	251	28,207	1,386
February .....	24,850	1,229	4,964	583	29,814	1,812
March .....	30,302	812	5,753	386	36,055	1,198
April .....	30,144	607	5,307	219	35,451	828
May .....	33,298	1,096	6,469	371	39,767	1,467
June .....	33,415	1,056	6,523	236	39,938	1,292
July .....	20,970	325	4,252	544	25,222	869
August .....	3,549	45	2,958	39	6,507	84
September .....	17,514	363	4,699	226	22,213	589
October .....	27,546	658	5,059	147	32,605	805
November .....	36,769	1,161	4,948	114	41,717	1,275
December .....	34,870	913	4,594	406	39,464	1,319
Totals .....	316,920	9,400	60,040	3,522	376,960	12,922

Note: Above breakdown developed from a special monthly report on "Motor Vehicle Shipments" Totals do not agree with annual totals in tables 3, 4 and 5 because of differences in reporting periods, calendar year vs fiscal year, in some cases and also because of the preliminary status of monthly figures.



**TABLE 7. Principal Statistics classified according to Type of Ownership:  
Motor Vehicle Manufacturers, 1961**

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
Individual ownership .....	—	—	—	—	—
Partnerships .....	—	—	—	—	—
Incorporated companies .....	17	21, 673	120, 938, 513	603, 349, 583	870, 942, 359
<b>Totals</b> .....	<b>17</b>	<b>21, 673</b>	<b>120, 938, 513</b>	<b>603, 349, 583</b>	<b>870, 942, 359</b>

**TABLE 8. Principal Statistics grouped according to Selling Value of Factory Shipments:  
Motor Vehicle Manufacturers, 1961**

Establishments reporting value of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
\$ 200,000 to \$ 499,999 .....	2	126	442, 883	827, 301	1, 337, 482
500,000 " 999,999 .....	1				
1,000,000 " 4,999,999 .....	6	663	2, 790, 955	5, 026, 892	11, 325, 161
5,000,000 and over .....	8	20, 270	113, 155, 435	597, 495, 390	858, 279, 716
Head office .....	—	614	4, 549, 240	—	—
<b>Totals</b> .....	<b>17</b>	<b>21, 673</b>	<b>120, 938, 513</b>	<b>603, 349, 583</b>	<b>870, 942, 359</b>

**TABLE 9. Employees and Their Earnings: Motor Vehicle Manufacturers, 1961**

Province	Employees					Earnings		
	Supervisory and office		Production and related workers		Total employees	Supervisory and office	Production and related workers	Total earnings
	Male	Female	Male	Female				
	number					dollars		
Ontario .....	4, 061	1, 122	14, 893	327	20, 403	34, 497, 948	80, 899, 433	115, 397, 381
Other provinces .....	292	68	906	4	1, 270	1, 759, 456	3, 781, 676	5, 541, 132
Canada .....	4, 353	1, 190	15, 799	331	21, 673	36, 257, 404	84, 681, 109	120, 938, 513

TABLE 10. Production Workers, by Months: Motor Vehicle Manufacturers, 1961

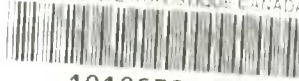
Month	Male	Female	Total
	number		
January .....	16,704	387	17,091
February .....	16,429	343	16,772
March .....	16,361	322	16,683
April .....	16,647	349	16,996
May .....	16,878	354	17,232
June .....	16,738	306	17,044
July .....	6,934	114	7,048
August .....	12,854	298	13,152
September .....	16,424	312	16,736
October .....	17,451	385	17,836
November .....	17,919	393	18,312
December .....	18,225	413	18,638
Average .....	15,799	331	16,130

TABLE 11. Fuel and Electricity Used: Motor Vehicle Manufacturers, 1961

Kind	Quantity	Cost at plant
		\$
Bituminous coal:		
From Canadian mines .....	ton	10,842
Imported .....	"	163,155
Lignite coal .....	"	1,361
Gasoline .....	Imp. gal.	1,598,908
Fuel oil, including kerosene or coal oil .....	"	1,363,323
Gas:		
Liquefied petroleum gases (propane, etc.) .....	"	595,333
Natural gas .....	M. cu. ft.	530,113
Other fuel .....	...	102,000
Electricity purchased .....	kwh	247,379,548
Steam purchased .....	..	116,565
Total Cost .....	...	5,084,684



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