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THE MOTOR VEHICLES INDUSTRY 1957



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada,
Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
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- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XIII, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Aircraft and Parts Industry, 25¢
- C — The Bicycle Manufacturing Industry, 25¢
- D — The Boat Building Industry, 25¢
- E — The Motor Vehicles Industry, 25¢
- F — The Motor Vehicle Parts Industry, 25¢
- G — The Railway Rolling Stock Industry, 25¢
- H — The Shipbuilding Industry, 25¢
- I — The Miscellaneous Transportation Equipment Industry, 25¢

THE MOTOR VEHICLES INDUSTRY

1957

Factory shipments reported by plants manufacturing motor vehicles in Canada were valued at \$948,596,660 in 1957, a decrease of 4.0 per cent from the \$988,143,273 reported in 1956. The value of motor vehicles in this total amounted to \$789,521,266, while automobile parts and miscellaneous products accounted for the remainder, or \$159,075,394. The number of cars, trucks and buses shipped from plants during the year totalled 411,884, a decrease of 12.0 per cent from the 467,864 reported last year.

Factory shipments of passenger cars in 1957 totalled 318,416 units made for sale in Canada and 21,600 units made for export. The number of trucks shipped from plants totalled 71,424 units, of which 64,413 units were for the Canadian market and

7,011 for export. Output of buses numbered 444 units, all for the domestic market.

Actual exports of Canadian-made vehicles during 1957 totalled 20,120 units valued at \$27,113,868 and imports amounted to 80,011 units valued at \$135,923,311.

Note: 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 1. Principal Statistics of the Motor Vehicles Industry, Significant Years 1929 - 1957
and by Provinces, 1956 and 1957**

Year and province	Establishments ¹	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works ²	Value added by manufacture ³	Gross selling value of products ⁴
number							
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
1953	20	32,973	131,316,134	4,247,370	557,709,086	273,598,093	835,554,549
1954	20	27,949	106,062,439	4,322,736	477,309,375	176,473,282	666,286,542
1955	15	33,429	134,661,758	4,499,463	631,181,084	269,601,907	907,410,923
1956							
Ontario	9	34,239	146,427,948	5,881,605	691,146,202	293,018,027	976,395,839
Other provinces	7	860	3,520,275	97,204	6,153,785	5,241,436	11,747,434
Canada	16	35,099	149,948,223	5,978,809	697,299,987	298,259,463	988,143,273
1957							
Ontario	9	32,193	139,834,409	5,767,824	652,177,614	278,046,608	936,905,003
Other provinces	7	1,000	3,795,465	87,827	6,735,689	4,739,694	11,691,657
Canada	16	33,193	143,629,874	5,855,651	658,913,303	282,786,302	948,596,660

¹ Includes assembly plants.

² Duty drawback has been deducted.

³ See footnote to text.

⁴ (a) Includes value of parts made in auto factories, also any other products made in these works.

(b) The total under this heading for 1953-1957 refers to value of factory shipments.

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 2. Inventories¹, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Ontario	9,302,032	64,442,473	19,552,448	93,296,953
Other provinces	2,788,590	464,442	631,779	3,884,811
Canada	12,090,622	64,906,915	20,184,227	97,181,764
Closing:				
Ontario	8,137,394	58,686,438	24,395,526	91,219,358
Other provinces	2,913,289	494,642	473,132	3,881,063
Canada	11,050,683	59,181,080	24,868,658	95,100,421

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

(b) The opening inventory for 1957 does not necessarily agree with the closing inventory for 1956 because of revisions, such as the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been re-calculated to allow for the revisions mentioned above.

TABLE 3. Production¹ of Motor Vehicles, Subdivided Between Passenger Cars and Commercial Vehicles, 1948 - 1957

Year	Passenger cars		Trucks and buses		Total	
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works ²
		\$		\$		\$
1948	166,819	210,799,512	96,941	137,228,722	263,760	348,028,234
1949	193,556	277,660,998	99,028	146,697,354	292,584	424,358,352
1950	284,076	447,029,182	106,026	163,942,858	390,102	610,972,040
1951	282,714	438,613,532	132,706	212,806,695	415,420	651,420,227
1952	283,534	417,654,448	150,176	253,247,296	433,710	670,901,744
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

¹ (a) Production figures include all wheeled vehicles for military use; universal carriers and scout cars are not included.

(b) Factory shipments since 1952.

² 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 by the Motor Vehicles Industry, 1956 and 1957

TABLE 4. Production and Factory Shipments by the Motor Vehicles Industry
1956 and 1957 — Concluded

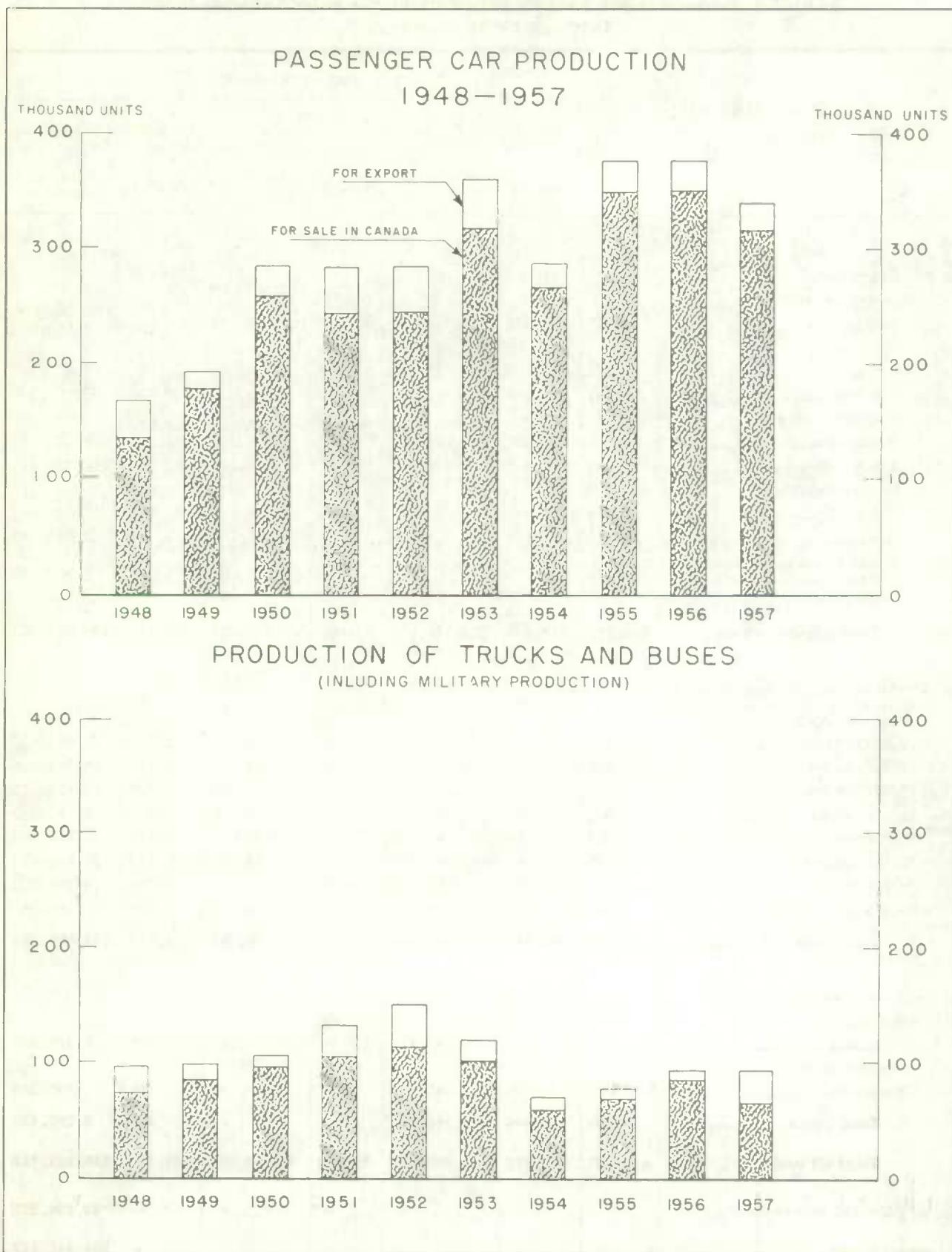


TABLE 5. Production¹ of Motor Vehicles, Showing Made For Sale in Canada and Made For Export Separately, 1948-1957

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						
1948	135,316	31,503	166,819	73,582	23,359	96,941
1949	177,060	16,496	193,556	85,715	13,313	99,028
1950	259,481	24,595	284,076	96,826	9,200	106,026
1951	243,155	39,559	282,714	105,547	27,159	132,706
1952	245,443	38,091	283,534	112,485	37,691	150,176
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

¹ Factory shipments since 1952.

TABLE 6. Motor Vehicle Shipments by Canadian Producers, by Months, 1956 and 1957

Month	Passenger		Commercial		Total	
	For sale in Canada	For export	For sale in Canada	For export	For sale in Canada	For export
number						
1956						
January	19,383	2,152	4,115	505	23,498	2,657
February	19,597	2,546	4,873	609	24,470	3,155
March	35,487	2,115	8,094	968	43,581	3,083
April	45,851	3,222	10,439	958	56,290	4,180
May	41,315	3,527	11,472	708	52,787	4,235
June	40,225	2,222	9,435	1,052	49,660	3,274
July	34,654	3,442	8,582	837	43,236	4,279
August	17,871	1,491	5,909	769	23,780	2,260
September	5,414	782	4,435	698	9,849	1,480
October	17,387	26	6,965	333	24,352	359
November	34,516	1,160	7,103	445	41,619	1,605
December	38,109	1,818	3,672	576	41,781	2,394
Total	349,809	24,503	85,094	8,458	434,903	32,961
1957						
January	34,005	1,689	5,346	64	39,351	1,753
February	17,395	1,804	6,230	784	23,625	2,588
March	47,876	2,148	6,710	823	54,586	2,971
April	36,982	2,443	8,144	888	45,126	3,331
May	37,324	1,954	7,631	1,049	44,955	3,003
June	28,929	1,798	5,761	720	34,690	2,518
July	26,865	1,859	5,116	646	31,981	2,505
August	15,976	1,292	3,344	513	19,320	1,805
September	7,930	482	2,944	529	10,874	1,011
October	9,476	1,411	3,917	5	13,393	1,416
November	27,074	2,100	4,621	568	31,695	2,668
December	28,584	2,620	5,093	422	33,677	3,042
Total	318,416	21,600	64,857	7,011	383,273	28,611

Note: Above breakdown developed from a special monthly report on "Motor Vehicle Shipments" including revisions necessary to affect reconciliation with annual totals shown in Table 4.

TABLE 7. Imports and Exports¹ of Motor Vehicles, 1956 and 1957

		1956	1957
Imports			
Automobiles, freight, and chassis for same	No.	12,169	8,219
	\$	45,846,338	29,326,889
Automobiles, passenger, valued at not more than \$1,200 each, and chassis for same	No.	31,736	46,395
	\$	28,497,777	40,043,094
Automobiles, passenger, valued at more than \$1,200 each, but not more than \$2,100 each, and chassis for same	No.	27,944	8,600
	\$	45,356,544	12,662,050
Motor omnibuses, electric (trackless), trolley-buses and chassis, and complete parts thereof	No.	863	996
	\$	6,081,832	6,640,548
Automobiles, passenger, all other	No.	16,520	15,801
	\$	45,603,315	47,250,730
Total automobiles	No.	89,232	80,011
	\$	171,385,806	135,923,311
Exports			
Automobiles, freight, one-ton capacity or less	No.	3,605	2,687
	\$	3,456,775	2,681,540
Automobiles, freight, over one-ton capacity	No.	1,307	1,189
	\$	2,034,301	1,803,725
Automobiles, passenger, valued at \$1,000 or less	No.	2,040	120
	\$	1,671,000	79,888
Automobiles, passenger, valued at over \$1,000	No.	12,082	16,124
	\$	15,355,504	22,548,715
Total automobiles	No.	19,034	20,120
	\$	22,517,580	27,113,868
Re-exports of imported cars			
Automobiles:			
Freight	No.	42	39
	\$	204,040	211,753
Passenger	No.	45	65
	\$	148,942	167,269
Total automobiles	No.	87	104
	\$	352,982	379,022

¹ Does not include sets of partial chassis considered as complete units in Tables 3, 4, 5, and 6.

TABLE 8. Imports into Canada and Exports¹ of Motor Vehicles, By Months, 1956 and 1957

Month	1956		1957	
	Imports	Exports ²	Imports	Exports ²
		number		
January	6,503	196	6,045	1,642
February	8,668	1,325	4,513	2,504
March	18,285	2,125	8,572	831
April	14,865	1,492	9,676	3,303
May	8,736	3,948	9,623	1,879
June	5,816	1,544	5,087	2,033
July	4,677	1,397	5,442	2,369
August	2,868	865	5,785	792
September	3,946	1,142	4,442	1,550
October	4,440	2,848	4,924	958
November	5,717	885	8,778	841
December	4,711	1,354	7,124	1,522
Total	89,232	19,121	80,011	20,224

¹ Includes re-exports.

² See footnote to Table 7.

TABLE 9. Exports¹ of Domestically Produced Motor Vehicles, by Principal Countries of Destination, 1957

Exported to	Number	Value
Union of South Africa	10,251	12,069,099
Australia	2,319	2,689,760
New Zealand	1,246	1,731,311
Porto Rico	781	1,155,172
Venezuela	678	1,061,182
Belgium	506	768,537
Trinidad	334	622,498
Malaya	326	606,675
Cuba	306	482,030
Hong Kong	271	529,707
Indonesia	250	379,518
Mexico	217	335,733
Rhodesia - Nyasaland	213	449,301
United Kingdom	185	375,728
Denmark	170	261,421
Jamaica	147	259,682
Iraq	143	218,579
All other countries	1,777	3,117,935
Total	20,120	27,113,868

¹ See footnote to Table 7.

TABLE 10. Apparent Supply of Motor Vehicles in Canada, 1948-1957

Year	Number of cars made for sale in Canada ¹		Plus imports		Less re-exports of imported cars		Apparent supply	
	Passenger	Commercial ²	Passenger	Commercial	Passenger	Commercial	Passenger	Commercial
number								
1948	135,316	73,582	17,037	3,575	17	4	152,336	77,153
1949	177,060	85,715	35,293	3,404	32	8	212,321	89,111
1950	259,481	96,826	81,722	6,806	62	20	341,141	103,612
1951	243,155	105,547	42,631	5,703	2,866	11	282,920	111,239
1952	245,443	112,485	35,665	4,328	999	11	280,109	116,802
1953	319,937	100,772	53,179	5,296	44	3	373,072	106,065
1954	267,452	59,666	38,509	4,973	84	25	305,877	64,614
1955	349,306	69,186	48,546	9,403	22	24	397,830	78,565
1956	349,809	85,094	76,200	13,032	45	42	425,964	98,084
1957	318,416	64,857	70,796	9,215	65	39	389,147	74,033

¹ Factory shipments since 1952.

² Includes military vehicles.

TABLE 11. Retail Sales of New Motor Vehicles, 1948-1957

Year	Passenger cars		Trucks and buses	
	Number	Retail value	Number	Retail value
1948	145,655	282,903,958	75,645	156,313,030
1949	202,318	412,297,863	84,023	176,426,822
1950	324,903	661,673,944	104,792	223,995,095
1951	275,686	683,182,848	109,962	266,976,665
1952	292,095	725,167,630	108,682	278,495,000
1953	359,172	899,726,000	103,354	262,745,000
1954	310,546	797,554,000	72,082	191,964,000
1955	386,962	1,023,351,000	78,715	232,539,000
1956 ¹	408,233	1,128,640,000	91,668	326,735,000
1957	382,023	1,087,620,000	76,276	281,311,000

¹ Revised.

TABLE 12. Registrations of Motor Vehicles, 1948-1957

Year	Passenger cars	Commercial vehicles ¹	Tractors ²	Motorcycles	Total
					number
1948	1,496,784	494,215	10,005	33,939	2,034,943
1949	1,672,352	556,730	21,552	39,994	2,290,628
1950	1,906,927	629,515	20,157	43,670	2,600,269
1951	2,097,594	705,564	26,073	43,189	2,872,420
1952	2,296,435	787,071	30,233	42,085	3,155,824
1953	2,513,754	842,732	34,009	40,177	3,430,672
1954	2,688,465	880,280	38,179	37,665	3,644,589
1955	2,935,417	937,929	39,053	36,253	3,948,652
1956	3,187,099	1,007,968	3	35,580	4,230,647
1957	3,375,297	1,049,388	3	34,910	4,459,595

¹ Includes tractors registered in some of the provinces.² Includes only tractors for which separate registration figures are available.

* Road tractors included in "Commercial vehicles": Farm tractors excluded from tabulations in 1956 and 1957.

TABLE 13. Registrations¹ of Motor Vehicles, by Provinces, 1955-1957

Province	1955	1956	1957
			number
Newfoundland	39,766	45,768	47,655
Prince Edward Island	22,145	20,779	21,193
Nova Scotia	149,841	151,764	156,498
New Brunswick	106,648	110,963	116,350
Quebec	743,682	824,908	881,047
Ontario	1,617,853	1,710,240	1,793,499
Manitoba	222,474	238,021	244,342
Saskatchewan	274,950	291,053	300,094
Alberta	356,839	381,153	405,229
British Columbia	409,343	450,547	487,533
Yukon and Northwest Territories	5,246	5,451	6,155
Canada	3,948,787	4,230,647	4,459,595

¹ See footnotes to Table 12.

TABLE 14. Estimate of Motor Vehicles Withdrawn from Use, 1948-1957

Year	Registrations in preceding year	Plus apparent supply in current year	Less registrations in current year	Withdrawn from use
number				
Passenger cars:				
1948	1,370,173	152,336	1,496,784	25,725
1949	1,504,011 ¹	212,321	1,672,352	43,980
1950	1,672,352	341,141	1,906,927	106,566
1951	1,906,927	282,920	2,097,594	92,253
1952	2,097,594	280,109	2,296,435	81,268
1953	2,296,435	373,072	2,513,754	155,753
1954	2,513,754	305,877	2,688,465	131,166
1955	2,688,465	397,830	2,935,412	150,883
1956	2,935,417	425,964	3,187,099	174,282
1957	3,187,099	389,147	3,375,297	200,949
Commercial:				
1948	434,393	77,153	494,215	17,331
1949	498,515 ²	89,111	556,730	30,896
1950	556,730	103,612	629,515	30,827
1951	629,515	111,239	705,564	35,190
1952	705,564	116,802	787,071	35,295
1953	787,071	106,065	842,732	50,404
1954	842,732	64,614	880,280	27,066
1955	880,280	78,565	938,115	20,730
1956	937,929	98,084	1,007,968	28,045
1957	1,007,968	74,033	1,049,388	32,613

¹ Adjusted to include 7,227 registrations in Newfoundland in 1948.² See note to Table 10.³ Adjusted to include 4,300 registrations in Newfoundland in 1948.

Note: Registrations include military vehicles, but tractors have been excluded in all years insofar as separate registration figures are available — See footnote to Table 12.

TABLE 15. Employees, Salaries and Wages in the Motor Vehicles Industry, 1956 and 1957

		1956	1957
Supervisory and office employees:			
Male	No.	6,329	6,503
Female	"	1,675	1,713
Total	"	8,004	8,216
Production and related workers:			
Male	"	26,640	24,581
Female	"	455	396
Total	"	27,095	24,977
Total employees	"	35,099	33,193
Earnings:			
Supervisory and office employees	\$	40,973,235	43,441,993
Production and related workers	"	108,974,988	100,187,882
Total earnings	"	149,948,223	143,629,874

TABLE 16. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
number						
January	22,611	28	22,639	29,073	492	29,565
February	27,540	413	27,953	25,752	457	26,209
March	31,484	574	32,058	28,211	460	28,671
April	31,923	597	32,520	27,871	487	28,358
May	30,666	554	31,220	26,875	465	27,340
June	29,616	511	30,127	26,610	392	27,002
July	28,614	407	29,021	25,033	301	25,334
August	10,600	342	10,942	19,957	88	20,045
September	20,270	476	20,746	16,209	353	16,562
October	27,339	517	27,856	23,303	394	23,697
November	29,295	524	29,819	24,244	430	24,674
December	29,690	528	30,218	21,839	438	22,277
Average	26,640	455	27,095	24,581	396	24,977

TABLE 17. Capital and Repair Expenditures in the Motor Vehicles Industry, 1953-1957

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
\$'000							
1953	26,981	27,141	54,122	3,019	9,388	12,407	66,529
1954	11,142	14,705	25,847	2,566	9,712	12,278	38,125
1955	12,950	17,017	29,967	2,633	10,359	12,992	42,959
1956	3,747	22,369	26,116	2,568	11,886	14,454	40,570
1957 ¹	1,852	14,860	16,712	2,349	11,008	13,357	30,069

¹ Preliminary.

TABLE 18. Fuel and Electricity Used in the Motor Vehicles Industry, 1956 and 1957

Kind	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
Bituminous coal:		\$		\$
From Canadian mines	ton	465 ¹	7,161 ¹	120
Imported	"	284,620 ¹	2,664,675 ¹	275,621
Lignite coal	"	1,000	5,957	929
Coke	"	4,874	136,479	2,545
Gasoline	Imp. gal.	2,033,991	546,869	1,900,628
Kerosene	"	28,634	5,457	18,755
Fuel oil	"	1,054,845	133,171	1,120,264
Gas:				
Liquefied petroleum gases (propane, etc.)	"	620,320	83,874	422,268
Natural gas	M cu. ft.	773,035	547,630	662,877
Other fuel	"	—	104,237	—
Electricity purchased	k wh.	198,251,471	1,743,289	199,099,756
Total cost	—	—	5,978,809	—
Electricity generated for own use	k wh.	65,758,000	—	81,401,000

¹ Revised.

List of Firms in the Motor Vehicles Industry, 1957

Name of company	Location of plant
Quebec:	
Canadian Car Co. Ltd.	Longueuil
Prevost Car Inc.	Ste. Claire
Sicard Incorporated	Montreal
Ontario:	
American Motors Canada Limited	Toronto
Canadian Car Company Limited.....	Fort William
Chrysler Corporation of Canada, Limited.....	Windsor
Ford Motor Company of Canada, Limited	Windsor and Oakville
Four Wheel Drive Auto Company, Limited	Kitchener
General Motors of Canada, Limited	Oshawa
International Harvester Co. of Canada, Limited	Chatham
Studebaker-Packard of Canada, Limited.....	Hamilton
Manitoba:	
Motor Coach Industries, Limited	Winnipeg
Western Flyer Coach Ltd.	Winnipeg
British Columbia:	
Hayes Manufacturing Company, Limited.....	Vancouver
Pacific Truck and Trailer Limited	Vancouver



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