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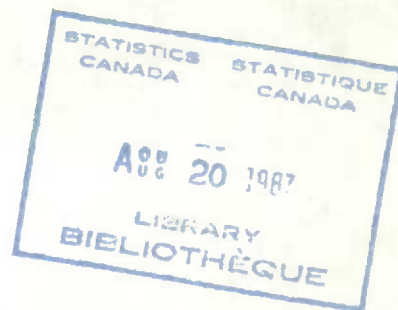
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CANADA

THE MISCELLANEOUS TRANSPORTATION
EQUIPMENT INDUSTRY
1958



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Transportation Equipment** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A — Annual

M — Monthly

Catalogue number	Title	Price
42-201	Transportation Equipment — General Review (A)50
42-203	Aircraft and Parts Industry (A)50
42-204	Bicycle Manufacturing Industry (A).....	.25
42-205	Boatbuilding Industry (A)50
42-206	Shipbuilding Industry (A)25
42-209	Motor Vehicles Industry (A)50
42-210	Motor Vehicles Parts Industry (A).....	.50
42-211	Railway Rolling Stock Industry (A).....	.50
42-212	Miscellaneous Transportation Equipment Industry (A)25
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42-001	Preliminary Report on Production of Motor Vehicles (M) per year	1.00
42-002	Motor Vehicle Shipments (M)	per year 1.00
53-203	Motor Vehicle (A).....	.75
53-204	Motor Vehicle — Preliminary Report on Registrations, etc. (A)50
63-007	New Motor Vehicle Sales and Motor Vehicle Financing (M) per year	1.00
63-208	New Motor Vehicle Sales and Motor Vehicle Financing (A)50
31-001	Inventories, Shipments and Orders in Manufacturing Industries (M)..... per year	4.00
31-201	General Review of the Manufacturing Industries (A)	2.00
65-004	Trade of Canada — Exports (M)	per year 7.50
65-007	Trade of Canada — Imports (M)	per year 7.50

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 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. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

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 1958, 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

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

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.

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, warehousing and delivery staffs. 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 calendar years 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 but not their withdrawals for income tax. 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 works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies 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 of 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 refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant 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 are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse 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 values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE MISCELLANEOUS TRANSPORTATION EQUIPMENT INDUSTRY

1958

The Standard Industrial Classification adopted by the Dominion Bureau of Statistics in 1949 provides for a new group, the Miscellaneous Transportation Equipment Industry, for the first time. The group, as now established, includes firms formerly classified in the Carriages, Sleighs and Vehicle Supplies Industry, which made products such as carriages, sleighs, bodies and boxes for vehicles, wheels, etc., and in addition, manufacturers of other miscellaneous transportation equipment, such as wheelbarrows and baby carriages.

In 1958 there were 16 operating plants in this miscellaneous industry. Factory shipments from these works were valued at \$7,285,108. Employment was afforded to 605 persons who were paid \$2,090,793 in salaries and wages. Materials for use in manu-

facturing processes cost \$3,376,614 while fuel and electricity cost \$89,692.

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 Miscellaneous Transportation Equipment Industry, 1949 - 1958
and by Provinces, 1957 and 1958**

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number				dollars		
1949	64	1,355	2,507,034	103,837	3,289,406	4,815,551	8,208,794
1950	64	1,283	2,653,830	109,213	4,394,644	5,616,258	10,120,115
1954	37	830	2,152,343	89,807	3,471,520	4,079,487	7,541,123
1955	27	793	2,179,376	88,513	4,015,082	3,672,985	7,894,091
1956	27	886	2,468,670	119,217	4,983,141	5,044,853	10,109,986
1957							
Newfoundland	3	8	17,000	1,100	27,600	29,300	58,000
New Brunswick	1						
Quebec	9	224	666,299	25,908	959,214	1,821,307	2,910,006
Ontario	8	430	1,479,579	63,749	1,993,438	2,339,374	4,397,619
Saskatchewan	1						
Alberta	1						
Canada	23	662	2,162,878	90,757	2,980,252	4,189,981	7,365,625
1958							
Newfoundland	3	9	20,800	4,816	13,600	44,204	62,620
Quebec	4	171	576,920	19,710	1,363,209	1,670,276	2,900,155
Ontario	7	425	1,493,073	65,166	1,999,805	2,293,352	4,322,333
Saskatchewan	1						
Alberta	1						
Canada	16	605	2,090,793	89,692	3,376,614	4,007,832	7,285,108

¹ See note to text.

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

(b) Separate statistics for this industry were not compiled before 1949.

TRANSPORTATION EQUIPMENT

TABLE 2. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Ontario.....	629,335	164,758	153,995	948,088
Other provinces	755,547	42,000	50,027	847,574
Canada	1,384,882	206,758	204,022	1,795,662
Closing:				
Ontario.....	628,050	177,847	176,896	982,793
Other provinces	556,430	30,000	215,067	801,497
Canada.....	1,184,480	207,847	391,963	1,784,290

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

Note: Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Miscellaneous Transportation Equipment Industry for the year under review are shown in the above table. The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957, because of the transfer of plants to other industries and plants going out of business.

TABLE 3. Products Made in the Miscellaneous Transportation Equipment Industry, 1957 and 1958

Product	1957		1958	
	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$
Complete wheeled vehicles (horse-drawn).....	842	154,202	936	180,380
Wheels only	76	974	186	2,032
Hubs, spokes, bent goods, etc. (wood)	—	436	—	624
Other parts for horse-drawn vehicles	—	7,709	—	20,983
Bodies and boxes only (for automobiles and trucks)	—	13,000	—	42,260
Amount received for custom work and repairs	—	24,593	—	—
All other products ¹	—	7,164,711	—	7,024,619
Total	—	7,365,625	—	7,285,108

¹ Includes wheelbarrows, baby carriages, toy vehicles, snowmobiles and other products made by less than three firms.

TABLE 4. Materials Used in the Miscellaneous Transportation Equipment Industry, 1957 and 1958

Materials used		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Lumber, (rough or planed), softwood (pine, spruce, etc.)	M ft. b.m.	341	47,748	44	4,749
Lumber, (rough or planed), hardwood (birch, oak, basswood, etc.)	"	681	55,306	168	21,686
Plywood	M surface ft.	44	5,131	23	2,257
Steel					
Bars	ton	624	99,326	732	124,763
Sheets (less than 3/16 in. thick):					
Plain	"	769	105,148	878	122,882
Galvanized	"	—	—	2	630
Tinplate	"	8	2,880	10	2,930
Strip	"	720	123,530	808	148,581
Wire	"	159	28,524	238	42,443
Other iron and steel	—	—	267,517	—	333,715

TABLE 4. Materials Used in the Miscellaneous Transportation Equipment Industry, 1957 and 1958 - Concluded

Materials used	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
Non-ferrous metals (all forms, including scrap)		\$		\$
Aluminum—Sheet	—	2,500	—	2,819
Other forms	—	98,832	—	27,866
Copper, all forms	1b. 3,000	1,500	—	—
Other materials				
Wheels	No. 4,400	34,926	3,700	28,475
Fabrics	—	228,788	—	155,908
Paint and varnish	—	44,048	—	62,123
All other materials and process supplies	—	1,878,596	—	2,294,787
Total	—	2,980,252	—	3,376,614

TABLE 5. Principal Statistics, Classified According to Type of Ownership, 1957 and 1958

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
1957		number	dollars		
Individual ownership	11	20	50,961	40,073	121,275
Partnerships	3	6	13,000	12,000	33,000
Incorporated companies	9	636	2,098,917	2,928,179	7,211,350
Total	23	662	2,162,878	2,980,252	7,365,625
1958					
Individual ownership	5	19	43,491	40,792	104,475
Partnerships	3	5	11,000	12,300	31,050
Incorporated companies	8	581	2,036,302	3,323,522	7,149,583
Total	16	605	2,090,793	3,376,614	7,285,108

TABLE 6. Principal Statistics of the Miscellaneous Transportation Equipment Industry in Canada, Grouped According to Size of Establishment, 1957 and 1958

Establishments reporting value of factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
1957		number	dollars		
Under \$10,000	10	13	25,500	14,600	46,000
\$10,000 to \$24,999	3	10	23,000	37,000	75,000
\$25,000 to \$49,999	1				
\$50,000 to \$199,999	3	34	93,676	208,455	330,655
\$200,000 to \$499,999	1	143	444,683	561,397	1,455,001
\$500,000 to \$999,999	2				
\$1,000,000 to \$4,999,999	3	462	1,576,019	2,158,800	5,458,969
Total	23	662	2,162,878	2,980,252	7,365,625
1958					
Under \$10,000	5	14	23,475	25,318	61,783
\$10,000 to \$24,999	2				
\$25,000 to \$49,999	1	20	61,459	74,160	189,194
\$50,000 to \$199,999	2				
\$200,000 to \$499,999	1	118	410,605	618,814	1,381,435
\$500,000 to \$999,999	2				
\$1,000,000 to \$4,999,999	3	453	1,595,254	2,658,322	5,652,696
Total	16	605	2,090,793	3,376,614	7,285,108

TABLE 7. Employees and Earnings in the Miscellaneous Transportation Equipment Industry by Provinces, 1957 and 1958

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		
1957								
Quebec	33	7	183	1	224	219, 115	447, 184	666, 299
Ontario	45	24	203	154	426	411, 755	1, 057, 824	1, 469, 579
Other provinces	8	1	3	—	12	20, 000	7, 000	27, 000
Canada	86	32	389	155	662	650, 870	1, 512, 008	2, 162, 878
1958								
Quebec	27	6	137	1	171	215, 973	360, 947	576, 920
Ontario	41	25	246	109	421	404, 469	1, 078, 604	1, 483, 073
Other provinces	7	—	6	—	13	16, 200	14, 600	30, 800
Canada	75	31	389	110	605	636, 642	1, 454, 151	2, 090, 793

TABLE 8. Production Workers, by Months, 1958

Month	Establishments reporting shipments of \$100,000 and over ¹		Establishments reporting shipments of less than \$100,000 ¹		All establishments		
	Male	Female	Male	Female	Male	Female	Total
	number						
January	344	100					
February	346	110					
March	365	128					
April	376	136					
May	383	117	12	—	395	117	512
June	368	100					
July	368	89					
August	375	109					
September	412	118					
October	413	105					
November	386	95					
December	389	111					
Average	—	—	—	—	389	110	499

¹ The number of production workers, by months, was collected only for establishments reporting value of shipments of \$100,000 and over. For smaller establishments, only the number employed during the last pay period of May was collected. This was considered to be the average number for the year.

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Transportation Equipment Industry, 1953 - 1958

Year	Total capital and repair expenditures	Year	Total capital and repair expenditures
	\$'000		\$'000
1953	355	1956	333
1954	109	1957	241
1955	210	1958 ¹	105

¹ Preliminary.**TABLE 10. Fuel and Electricity Used in the Miscellaneous Transportation Equipment Industry, 1958**

Kind	Quantity	Cost at works
		\$
1. Establishments reporting shipments of \$100,000 and over:		
Bituminous coal - Canadian	ton 223	3,394
- Imported	" 936	12,154
Anthracite coal	" 6	160
Coke	" 1	25
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 31,317	13,673
Fuel oil	" 142,126	18,527
Wood	cord 10	170
Natural gas	M cu. ft. 282	226
Electricity purchased	kwh. 2,052,220	37,837 ¹
Other fuel	-	378
2. Establishments reporting shipments of less than \$100,000: ²		
Cost of fuel	-	1,710
Cost of electricity purchased	-	1,438
3. All establishments:		
Total cost of fuel	-	50,417
Total cost of electricity	-	39,275
Total cost of fuel and electricity	-	89,692

¹ Power equipment in the form of electric motors was reported as 2,723 L.P.² Data on the quantity and value of the different kinds of fuel and on the quantity of electricity purchased were not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

List of Firms in the Miscellaneous Transportation Equipment Industry, 1958

Name of firm	Location of plant
Newfoundland:	
Carnell's Carriage Factory, Limited	146 Duckworth St., St. John's
Oke's Carriage Factory	7-9-13 Prescott St., St. John's
Wall, Phillip, & Sons	10 George St. East, St. John's
Quebec:	
DeBlois, R.	Ste-Marguerite de Dorchester
La Cie Normand Ltée	St-Pascal
L'Auto-Neige Bombardier Ltée	Valcourt
Norman Frères	Mont-Joli
Ontario:	
Erie Iron Works	99-101 Edward St., St. Thomas
Hercules Shaft Splice Co.	262 Huron St., Stratford
Heywood Wakefield Co. of Canada Ltd.	Forest Ave., Orillia
Johnson Wheel Chair Mfg. Co.	96 Advance Rd., Toronto
McFarlane Gendron Manufacturing Co., Ltd.	137 Duchess St., Toronto
Meaford Steel Products Limited	Meaford
Vollans Industries Limited	Andrew St. S., Orillia
Saskatchewan:	
Ingham Motor Toboggans	Lanigan
Alberta:	
Akkerman Trailers	Hubalta

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