

C3  
CATALOGUE No.

41-208

ANNUAL



DOMINION BUREAU  
OF STATISTICS

JUN 2 1964

PROPERTY OF THE  
LIBRARY

# HARDWARE, TOOL AND CUTLERY 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

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry Division

May 1964  
6521-813

Price: 50 cents

### SYMBOLS

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

... 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.



## HARDWARE, TOOL AND CUTLERY MANUFACTURERS

1961

Data presented in this report under the heading of Hardware, Tool and Cutlery 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 Hardware, Tool and Cutlery Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing edge and hand tools, cutlery and hardware. Important products of this industry are axes; chisels; dies and other metal working tools; hammers, shovels, hoes, rakes, files, saws, builders' hardware, marine hardware, non-electric razors and blades, table and kitchen cutlery and a miscellaneous group of products usually known under the term "hardware" and not elsewhere classified. This industry also includes establishments primarily engaged in manufacturing bits, drills and other cutting tools for machines or for power-driven hand tools. Establishments primarily engaged in the manufacture of sterling silver or silver plated cutlery are classified in Industry No. 382—Jewellery and Silverware Manufacturers, those primarily engaged in the manufacture of machine tools or of power-driven hand tools in Industry No. 315—Miscellaneous Machinery and Equipment Manufacturers, and those primarily engaged in manufacturing machinists' precision tools in Industry No. 381—Scientific and Professional Equipment Manufacturers.

The introduction of the new definition of establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. For the most part the changes involved combinations of reporting units and transfers of some firms to wholesale trade.

As a result of increased workloads and staff shortages it has been necessary to suspend publication 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.



**TABLE 1. Principal Statistics: Hardware, Tool and Cutlery Manufacturers by Provinces, 1957-61**

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
	number				dollars		
1957							
Nova Scotia.....	}	61	2,003	6,918,739	299,170	7,751,860	26,275,230
Quebec.....							
Ontario.....		207	6,571	25,221,798	1,088,193	19,781,949	63,712,359
Manitoba .....	}	4	45	119,248	6,356	60,805	276,365
Alberta.....							
British Columbia .....		12	324	1,278,951	59,292	2,208,918	5,603,794
Canada.....		284	8,943	33,538,736	1,453,011	29,803,532	95,867,748
1958							
Nova Scotia.....	}	67	2,036	7,108,364	302,746	8,036,127	16,834,044
Quebec.....							
Ontario.....		213	6,239	24,577,840	1,019,229	19,133,768	44,525,274
Manitoba .....	}	4	41	126,232	4,408	126,093	213,437
Alberta.....							
British Columbia .....		11	339	1,383,243	53,828	2,432,671	3,804,758
Canada.....		295	8,655	33,195,679	1,380,211	29,728,659	65,377,513
1959							
Nova Scotia.....	}	67	2,012	7,557,087	304,702	9,067,854	18,949,542
Quebec.....							
Ontario.....		212	6,543	26,489,963	1,064,452	22,027,753	47,135,990
Manitoba .....	}	5	63	228,063	6,870	262,067	371,728
Alberta.....							
British Columbia .....		12	455	1,815,555	66,809	2,559,671	4,339,021
Canada.....		296	9,073	36,090,668	1,442,833	33,917,345	70,796,281
1960							
Nova Scotia.....	}	66	1,977	7,735,696	329,304	9,724,196	18,780,491
Quebec.....							
Ontario.....		219	6,306	26,915,516	1,065,417	22,036,537	47,931,664
Manitoba .....	}	5	45	140,768	5,981	126,852	241,954
Alberta.....							
British Columbia .....		13	376	1,674,271	68,243	2,257,909	3,808,339
Canada.....		303	8,704	36,466,251	1,468,945	34,145,494	70,762,448
1961							
Nova Scotia.....	}	69	2,028	7,953,000	333,323	10,274,747	21,180,356
Quebec.....							
Ontario.....		219	6,123	26,636,973	1,099,952	24,443,688	47,992,298
Manitoba .....	}	7	57	203,220	8,429	179,705	307,431
Alberta.....							
British Columbia .....		13	343	1,476,265	64,648	1,904,031	4,887,974
Canada.....		308	8,551	36,269,458	1,506,352	36,802,171	74,368,059

<sup>1</sup> Because of lack of inventory data "Value added" is not available for 1957.



TABLE 2. Inventories:<sup>1</sup> Hardware, Tool and Cutlery Manufacturers, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Quebec .....	2,829,492	1,207,389	2,571,842	6,608,723
Ontario .....	5,077,505	5,861,092	5,985,088	16,923,685
British Columbia .....	667,503	522,808	283,063	1,473,374
Other provinces .....	33,800	15,838	33,041	82,679
<b>Canada .....</b>	<b>8,608,300</b>	<b>7,607,127</b>	<b>8,873,034</b>	<b>25,088,461</b>
Closing:				
Quebec .....	2,848,783	1,322,148	2,789,781	6,960,712
Ontario .....	5,444,922	6,564,212	6,225,073	18,234,207
British Columbia .....	589,047	489,098	285,629	1,363,774
Other provinces .....	59,192	23,102	30,146	112,440
<b>Canada .....</b>	<b>8,941,944</b>	<b>8,398,560</b>	<b>9,330,629</b>	<b>26,671,133</b>

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

(b) The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of new establishments, the removal of figures for establishments which did not operate in 1961, changes in classification and the implementation of the New Establishment Concept.

TABLE 3. Factory Shipments: Hardware, Tool and Cutlery Manufacturers, 1961

Item	Quantity	Value of factory shipments
	No.	\$
Safety razors and blades, steel table cutlery, scissors, army knives etc. ....	...	9,890,495
Hardware:		
Automobile .....	...	1,755,658
Builders' and shelf .....	...	21,177,996
Furniture and cabinet .....	...	6,134,089
Trunk and suitcase .....	...	357,520
Other hardware .....	...	5,751,553
Hand implements:		
Axes and hatchets .....	221,850	519,840
Canthooks, peavies and pikepoles .....	59,539	239,387
Spades, shovels and scoops .....	603,744	1,494,244
Other hand implements .....	...	1,393,872
Tungsten carbide products:		
Tools, including masonry drills .....	...	1,557,792
Dies .....	...	626,176
Other products (tips or blanks and rock drill bits) .....	...	1,813,773
Tools, hand and small: <sup>1</sup>		
Automotive tools (hand and power-driven) .....	...	1,432,054
Carpenters' and mechanics', including files .....	...	9,222,420
Jigs and fixtures .....	...	2,945,920
Machine knives .....	...	1,780,337
Drills, taps, bits, reamers, punches and threading dies (including screw plates) .....	...	3,250,699
Milling cutters .....	...	764,635
Other tools .....	...	1,968,717
Miscellaneous:		
Bolts, nuts, rivets, washers, screws and allied products .....	...	1,453,462
Casters, other than glass .....	...	564,563
Dies for drawing, cutting or stamping <sup>1</sup> .....	...	12,776,412
Saws, metal-cutting; including circular, band and hacksaw blades (hand and power) .....	...	2,306,568
Saws, wood-cutting, and parts (see Table 6) .....	...	6,969,947
Received from custom and repair work .....	...	1,699,811
All other products .....	...	11,864,412
Less adjustments for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above .....	...	284,798
<b>Total .....</b>	<b>...</b>	<b>111,427,554</b>

<sup>1</sup> Does not include tungsten carbide type.

Note: Data given in the above table are for Hardware, Tool and Cutlery Manufacturers which includes only the firms that make hardware, tools and cutlery as their main products. These articles were made also as minor products by firms in other industries. For total output figures, see Tables 5 to 11, inclusive.

TABLE 4. Materials Used: Hardware, Tool and Cutlery Manufacturers, 1961

Material	Quantity		Cost at works
	No.		\$
Iron and steel:			
Castings:			
Iron (Gray and malleable) .....	ton	976	376,886
Steel .....	"	377	98,562
Pig iron .....	"	172	11,425
Bars and rods .....	"	10,723	1,458,667
Plates .....	"	3,001	559,242
Sheets:			
Plain .....	"	6,953	1,097,372
Galvanized .....	"	150	25,750
Tin plate .....	"	6	1,166
Strip .....	"	10,619	2,734,709
Structural shapes .....	"	128	30,997
Wire .....	"	1,032	220,771
Alloy steel:			
Stainless:			
Billets, bars and rods .....	...		97,170
Other stainless .....	...		325,135
Other alloy and tool steel (including carbon, alloy and high-speed steels):			
Billets, bars and rods .....	...		3,391,433
Other .....	...		1,470,240
Scrap iron and steel:			
Purchased .....	ton	15	300
Own make .....		—	—
All other iron and steel .....	—		1,268,426
Non-ferrous metals:			
Aluminum:			
Castings .....	lb.	182,870	96,145
Sheet .....	"	331,873	158,806
Other .....	"	1,619,883	722,349
Bronze and brass .....	"	2,454,891	1,177,800
Copper:			
Sheet .....	"	72,711	38,196
Wire .....	"	1,000	500
Other forms .....	"	41,888	21,561
Lead .....	"	17,940	2,219
Nickel .....	"	22,398	19,500
Tin .....	"	400	410
Zinc .....	"	4,708,580	903,314
Other non-ferrous .....	...		23,378
Other materials:			
Handles .....		...	597,567
Paints, oils and varnishes .....		...	89,753
Lumber .....	M ft. b.m.	848	83,529
Shipping containers .....		...	2,140,245
Other materials <sup>1</sup> .....		...	17,558,648
<b>Total .....</b>		...	<b>36,802,171</b>

<sup>1</sup> No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$100,000. The total value of materials used by these firms was \$1,595,744 and this amount is included in "Other materials".

TABLE 5. Factory Shipments of Hardware, 1961 (from All Industries)

	Selling value at works
	\$
Builders' and shelf .....	22,252,000
Marine and rigging .....	1,336,000
Pole line (except insulators) .....	10,617,000
Automobile .....	8,417,000
Furniture and cabinet .....	6,140,000
Trunk and suitcase .....	358,000
Other .....	5,449,000
<b>Total .....</b>	<b>54,569,000</b>

TABLE 6. Factory Shipments of Wood-Cutting Saws, 1961 (from All Industries)

	Selling value at works
	\$
Power saws:	
Circular .....	1,362,000
Band .....	1,060,000
Drag and gang .....	2
Crosscut saws .....	136,000
Web saws .....	2
Hand-saws .....	714,000
Parts for above, including saw-teeth .....	1,302,000
Power chain saws <sup>1</sup> .....	6,337,000
Parts for power chain saws .....	3,982,000
<b>Total</b> .....	<b>14,873,000</b>

<sup>1</sup> Represents value of 85,488 chain saws.<sup>2</sup> Included with "Parts for above, including saw-teeth".

TABLE 7. Factory Shipments of Axes and Hatchets, 1952 - 61 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1952 .....	613,000	1,047,000	1957 .....	406,000	881,000
1953 .....	494,000	815,000	1958 .....	324,000	722,000
1954 .....	456,000	762,000	1959 .....	310,000	705,000
1955 .....	504,000	893,000	1960 .....	325,000	780,000
1956 .....	512,000	1,013,000	1961 .....	253,000	600,000

TABLE 8. Factory Shipments of Spades and Shovels, 1952 - 61 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1952 .....	1,250,000	1,872,000	1957 .....	815,000	1,733,000
1953 .....	1,037,000	1,594,000	1958 .....	1,158,000	2,438,000
1954 .....	871,000	1,255,000	1959 .....	1,106,000	2,420,000
1955 .....	1,054,000	1,695,000	1960 .....	1,055,000	2,072,000
1956 .....	1,134,000	2,182,000	1961 .....	779,000	1,894,000

TABLE 9. Factory Shipments of Forks, Rakes, Hoes and Peavies, 1952 - 61 (from All Industries)

Year	Forks		Rakes		Hoes		Peavies, canthooks and pike poles
	Number	Selling value at plant	Number	Selling value at plant	Number	Selling value at plant	
		\$		\$		\$	\$
1952 .....	376,000	541,000	275,000	276,000	219,000	223,000	409,000
1953 .....	310,000	459,000	299,000	310,000	243,000	256,000	368,000
1954 .....	302,000	422,000	255,000	245,000	226,000	226,000	506,000
1955 .....	281,000	418,000	296,000	313,000	211,000	225,000	487,000
1956 .....	301,000	478,000	331,000	377,000	209,000	238,000	561,000
1957 .....	264,000	468,000	314,000	504,000	153,000	216,000	302,000
1958 .....	216,000	481,000	132,000	213,000	120,000	183,000	232,000
1959 .....	148,000	275,000	282,000	514,000	139,000	253,000	224,000
1960 .....	167,000	293,000	255,000	473,000	116,000	212,000	309,000
1961 .....	163,000	301,000	301,000	548,000	119,000	212,000	289,000



TABLE 10. Factory Shipments of Small Tools,<sup>1</sup> 1961 (from All Industries)

	Selling value at plant
	\$
Carpenters' and mechanics', including files .....	9,222,000
Machine knives .....	1,780,000
Drills, taps, bits, reamers, punches, and threading dies (including screw-plates) .....	3,339,000
Milling cutters .....	765,000
Gauges (plug, ring, snap, thread, etc.) .....	742,000
Other tools, jigs and fixtures .....	15,266,000
<b>Total</b> .....	<b>31,114,000</b>

<sup>1</sup> Does not include pneumatic or electric tools.TABLE 11. Factory Shipments of Miscellaneous Steel Cutlery,<sup>1</sup> 1952-61 (from All Industries)

Year	Selling value at plant	Year	Selling value at plant
	\$		\$
1952 .....	1,985,000	1957 .....	2,757,000
1953 .....	2,115,000	1958 .....	2,622,000
1954 .....	2,308,000	1959 .....	2,518,000
1955 .....	2,568,000	1960 .....	2,249,000
1956 .....	3,245,000	1961 .....	2,885,000

<sup>1</sup> Includes paring knives, bread-knives, army utility knives, scissors, unplated table cutlery, etc. Sterling silver and silver-plated ware not included.TABLE 12. Principal Statistics, classified according to Type of Ownership,  
Hardware, Tool and Cutlery Manufacturers, 1961

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
Individual ownership .....	59	234	811,517	542,276	1,829,214
Partnerships .....	20	103	405,226	151,420	793,645
Incorporated companies .....	229	8,214	35,052,715	36,108,475	108,804,695
<b>Totals</b> .....	<b>308</b>	<b>8,551</b>	<b>36,269,458</b>	<b>36,802,171</b>	<b>111,427,554</b>

TABLE 13. Principal Statistics, grouped according to Size of Establishment,  
Hardware, Tool and Cutlery Manufacturers, 1961

Establishments reporting value of factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
Under \$10,000 .....	15	23	41,067	32,775	95,576
\$ 10,000 to \$ 24,999 .....	36	103	327,729	179,537	616,449
25,000 " 49,999 .....	44	217	791,186	405,823	1,603,665
50,000 " 99,999 .....	51	481	1,940,330	874,193	3,624,199
100,000 " 199,999 .....	57	881	3,743,455	2,589,686	8,273,075
200,000 " 499,999 .....	56	1,534	6,682,052	6,444,103	18,239,583
500,000 " 999,999 .....	25	1,430	6,092,767	6,737,624	17,838,633
1,000,000 " 4,999,999 .....	24	3,882	16,650,872	19,538,430	61,136,374
<b>Totals</b> .....	<b>308</b>	<b>8,551</b>	<b>36,269,458</b>	<b>36,802,171</b>	<b>111,427,554</b>



**TABLE 14. Employees and their Earnings: Hardware, Tool and Cutlery Manufacturers, by Provinces, 1961**

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Quebec and Nova Scotia .....	274	140	1,325	289	2,028	2,222,677	5,731,323	7,953,000
Ontario .....	852	444	4,100	727	6,123	7,366,614	19,270,359	26,636,973
Manitoba and Alberta .....	10	2	44	1	57	53,500	149,720	203,220
British Columbia .....	63	30	175	75	343	514,410	961,855	1,476,265
Canada .....	1,199	616	5,644	1,092	8,551	10,157,201	26,112,257	36,269,458

**TABLE 15. Production Workers, by Months: Hardware, Tool and Cutlery Manufacturers, 1961**

Month	Establishments reporting monthly detail <sup>1</sup>		Establishments reporting quarterly detail <sup>2</sup>	
	Male	Female	Male	Female
January .....	3,947	871		
February .....	3,955	874		
March .....	4,002	892	882	92
April .....	4,053	922		
May .....	4,097	960		
June .....	4,043	1,008	1,026	92
July .....	4,032	1,020		
August .....	4,091	1,064		
September .....	4,118	1,112	974	105
October .....	4,167	1,095		
November .....	4,152	1,093		
December .....	4,127	1,074	877	75
Average for establishments reporting monthly detail .....			4,093	983
Average for establishments reporting quarterly detail .....			949	93
Average estimated for small establishments <sup>3</sup> .....			602	16
Average for all establishments .....			5,644	1,092

<sup>1</sup> The number of production workers, by months, was collected only for large establishments.<sup>2</sup> The number of production workers, by quarters, was collected only for medium size establishments.<sup>3</sup> The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.

TABLE 16. Fuel and Electricity Used: Hardware, Tool and Cutlery Manufacturers, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal (a) From Canadian mines .....	ton	
	1, 794	20, 714
(b) Imported .....	"	
	5, 341	72, 121
Anthracite coal .....	"	
	198	3, 493
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	
	154, 631	62, 907
Fuel oil including kerosene or coal oil .....	"	
	2, 007, 750	239, 393
Wood .....	cord	
	20	400
Gas (a) Liquefied petroleum gases .....	Imp. gal.	
	163, 677	21, 861
(b) Natural gas .....	M cu.ft.	
	163, 781	169, 098
Other fuel .....	...	106
Electricity purchased .....	kwh.	
	43, 715, 858	565, 986
Steam purchased .....	...	13, 300
2. Establishments reporting group detail: <sup>2</sup>		
Cost of fuel .....	...	116, 304
Cost of electricity .....	...	98, 115
3. Estimate for establishments for which no data were collected: <sup>3</sup>		
Cost of fuel and electricity .....	...	122, 554
4. All establishments:		
Total cost of fuel and electricity .....	...	1, 506, 352

<sup>1</sup> Large establishments.<sup>2</sup> Medium size establishments.<sup>3</sup> Small establishments.



STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010698674