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THE HARDWARE, TOOLS AND CUTLERY INDUSTRY

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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
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- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- 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 XII, Iron and Steel Products. 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 Agricultural Implements Industry, 25¢
- C — The Boilers and Plate Work Industry, 25¢
- D — The Bridge Building and Structural Steel Industry, 25¢
- E — The Hardware, Tools and Cutlery Industry, 25¢
- F — The Heating and Cooking Apparatus Industry, 25¢
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- L — The Wire and Wire Goods Industry, 25¢
- M — The Miscellaneous Iron and Steel Products Industry, 25¢

THE HARDWARE, TOOLS AND CUTLERY INDUSTRY

1956

Factory shipments in 1956 by establishments in the Hardware, Tools and Cutlery Industry in Canada amounted to \$158,406,440, an increase of 18.6 per cent over the \$133,572,735 reported in 1955.

A total of 392 plants, which were occupied chiefly in the manufacture of hardware, cutlery, hand tools and related products, were classified to this industry. Of these, 284 were located in Ontario, 78 in Quebec, 21 in British Columbia, 4 in Manitoba, 3 in Alberta and 2 in Nova Scotia. These firms gave employment to a total of 14,614 people who were paid \$51,857,827 in salaries and wages. Materials used in manufacturing processes cost \$60,033,290 and expenditures for fuel and electricity amounted to \$2,200,955.

Output included bolts, nuts, rivets, hardware, safety razors and blades, saws and parts, screw

machine products, knives, axes, hatchets, spades, forks, shovels, files, carpenter's tools, etc. Tables 5 to 13 give the total output in Canada, from all industries, of some of the more important of these commodities.

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 Hardware, Tools and Cutlery Industry, Significant Years 1929-1956, and by Provinces, 1955 and 1956

YEAR AND PROVINCE	Estab-	Em-	Salaries	Cost of	Cost at	Value added	Gross selling
	lish-	ployees	and	fuel and	plant of	by	value of
	No.	No.	\$	\$	\$	\$	\$
1929	127	7,259	8,417,837	590,740	9,071,258	17,996,314	27,658,312
1933	145	4,256	3,643,838	331,301	3,003,383	6,427,282	9,761,966
1937	148	6,511	7,239,623	519,154	7,663,076	14,282,488	22,464,718
1939	154	6,756	7,590,826	527,626	7,385,636	15,082,162	22,995,424
1943	241	19,228	33,222,087	1,347,034	24,233,712	65,715,287	91,296,033
1946	276	15,868	27,259,296	1,320,846	22,823,598	48,915,105	73,059,549
1949	281	12,226	27,377,079	1,418,766	23,915,194	51,075,063	76,409,023
1952	339	14,350	43,664,871	1,830,032	40,353,012	81,558,005	123,741,049
1953	351	14,422	45,939,345	1,765,496	40,771,452	84,772,624	127,309,572
1954	379	13,264	42,207,529	1,843,959	40,147,473	77,271,555	118,483,115
1955							
Nova Scotia	2	} 38	86,381	8,407	84,433	193,887	310,073
New Brunswick	1						
Quebec	76		8,428,976	389,349	10,314,598	19,012,984	29,571,085
Ontario	272		34,219,823	1,538,071	35,515,579	59,598,910	95,637,098
Manitoba	4		83,020	5,750	53,150	130,771	189,671
Alberta	4		83,487	3,671	204,048	146,136	352,442
British Columbia	20		1,679,811	100,093	3,002,263	4,386,161	7,512,366
Canada	379	13,115	44,581,498	2,045,341	49,174,071	83,468,849	133,572,735
1956							
Nova Scotia	2	} 3,018	10,047,715	430,947	12,057,695	21,404,145	33,576,581
Quebec	78						
Ontario	284		39,373,343	1,650,796	44,161,133	71,854,079	115,247,984
Manitoba	4		104,760	7,720	70,590	171,335	242,339
Alberta	3		107,960	4,605	116,033	186,960	298,126
British Columbia	21		2,224,049	106,887	3,627,839	5,265,951	9,041,410
Canada	392	14,614	51,857,827	2,200,955	60,033,290	98,882,470	158,406,440

1. See footnote to text.

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.

IRON AND STEEL PRODUCTS

TABLE 2. Inventories¹, 1956

	Raw materials and supplies	Goods in process ²	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	2,705,548	1,813,622	2,380,531	6,899,701
Ontario	9,520,480	6,409,039	8,926,444	24,855,963
British Columbia	589,771	416,266	359,638	1,365,675
Other provinces	79,755	454	42,364	122,573
Canada	12,895,554	8,639,381	11,708,977	33,243,912
Closing:				
Quebec	3,071,482	1,975,584	2,533,221	7,580,287
Ontario	12,233,193	6,900,761	10,852,746	29,986,700
British Columbia	848,659	425,640	309,531	1,583,830
Other provinces	102,227	—	61,150	163,377
Canada	16,255,561	9,301,985	13,756,648	39,314,194

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

(b) 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 Hardware, Tools and Cutlery Industry for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year, because of changes in the composition of the industry, such as the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

2. See footnote to text.

TABLE 3. Products Made in the Hardware, Tools and Cutlery Industry, 1955 and 1956

Item	1955		1956	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	No.	\$	No.	\$
Safety razors and blades, steel table cutlery, scissors, army knives, etc.	—	5,266,465	—	6,194,357
Hardware:				
Automobile	—	2,832,303	—	2,373,670
Builders' and shelf	—	15,301,127	—	17,089,848
Furniture and cabinet	—	4,316,755	—	4,245,954
Trunk and suitcase	—	421,140	—	467,353
Other hardware	—	3,328,075	—	5,166,028
Hand implements:				
Axes and hatchets	504,331	892,656	512,058	1,012,722
Canthooks, peavies and pikepoles	—	462,737	—	517,477
Forks	280,535	417,788	301,409	478,471
Hoes	210,714	224,872	209,295	238,151
Rakes	296,204	312,546	331,094	377,002
Spades, shovels and scoops	932,916	1,540,128	1,043,202	2,044,742
Other hand implements	—	210,373	—	239,392
Tungsten carbide products:				
Tools, including masonry drills	—	1,377,211	—	1,374,677
Dies	—	355,316	—	468,438
Other products (tips or blanks and rock drill bits)	—	4,822,552	—	5,106,291
Tools, hand and small ¹ :				
Automotive tools (hand and power-driven)	—	995,006	—	1,364,068
Carpenters' and mechanics', including files	—	6,667,323	—	7,692,871
Jigs and fixtures	—	1,661,978	—	2,383,406
Machine knives	—	1,650,142	—	2,061,342
Drills, taps, bits, reamers, punches and threading dies (including screw plates)	—	4,492,388	—	5,040,542
Milling cutters	—	1,144,072	—	1,273,637
Other tools	—	4,161,527	—	9,102,542

See footnote at end of table.

TABLE 3. Products Made in the Hardware, Tools and Cutlery Industry, 1955 and 1956 — Concluded

Item	1955		1956	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
Miscellaneous:	No.	\$	No.	\$
Bolts, nuts, rivets, washers, screws and allied products	—	24,422,394	—	30,393,509
Casters, other than glass	—	1,266,121	—	1,664,684
Dies for drawing, cutting or stamping ¹	—	6,360,354	—	10,103,269
Saws, metal-cutting; including circular, band and hacksaw blades (hand and power)	—	1,858,150	—	2,290,051
Saws, wood-cutting, and parts (see Table 6).....	—	7,126,976	—	7,735,337
Received from custom and repair work	—	1,903,512	—	2,844,885
All other products	—	27,780,748	—	27,061,768
Total	—	133,572,735	—	158,406,440

1. Does not include tungsten carbide type since 1952.

Note: Data given in the above table are for the Hardware, Tools and Cutlery Industry 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 13, inclusive.

TABLE 4. Materials Used in the Hardware, Tools and Cutlery Industry, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
Iron and steel:		\$		\$
Castings:				
Iron (Gray and malleable)	tons	—	1	3,555
Steel	"	—	508	969,225
Pig iron	"	1,700	101,931	1,522
Bars and rods	"	30,282	4,063,884	46,633
Plates	"	4,048	604,404	5,806
Sheets:				
Plain	"	13,576	1,742,874	15,931
Galvanized	"	548	89,932	662
Tin plate	"	13	3,305	8
Strip	"	8,492	1,532,208	9,380
Structural shapes	"	1,645	207,486	1,060
Wire	"	19,405	3,132,329	20,249
Alloy steel:				
Stainless:				
Billets, bars and rods	—	—	302,827	—
Other stainless	—	—	249,448	—
Other alloy and tool steel (including carbon, alloy and high-speed steels):				
Billets, bars and rods	—	—	3,763,082	—
Other	—	—	2,039,456	—
Scrap iron and steel:				
Purchased	tons	726	19,230	683
Own make	"	43	836	44
All other iron and steel	—	—	2,739,296	—
Non-ferrous metals:				
Aluminum:				
Casting	lb.	93,842	52,950	115,073
Sheet	"	567,666	249,836	739,403
Other	"	2,682,543	1,032,110	1,974,489
Bronze and brass	"	4,844,554	2,072,055	5,514,761
Copper:				
Sheet	lb.	61,157	30,784	138,944
Wire	"	119,255	61,310	119,854
Other forms	"	148,079	78,166	147,094
Lead	"	395,224	70,992	425,300
Nickel	"	34,608	31,851	22,644
Tin	"	1,276	1,332	1,550
Zinc	"	3,037,620	526,322	2,122,310
Other non-ferrous	—	—	119,889	—
Other materials:				
Handles	—	—	811,635	—
Paints, oils and varnishes	—	—	169,780	—
Lumber	M ft. b.m.	3,166	373,075	3,340
Shipping containers	—	—	1,167,629	—
Other materials	—	—	21,731,827	—
Total	—	—	49,174,071	—
				60,033,290

1. Not available separately.

TABLE 5. Factory Shipments of Hardware, 1955 and 1956 (From all Industries)

	Selling value at works	
	1955	1956
	\$	\$
Builders' and shelf	17,000,000	17,139,000
Harness and saddlery	207,000	238,000
Pole line (except insulators)	9,130,000	11,888,000
Automobile	7,254,000	7,865,000
Furniture and cabinet	3,408,000	4,309,000
Trunk and suitcase	421,000	467,000
Other	2,689,000	4,804,000
Total	41,109,000	46,710,000

TABLE 6. Factory Shipments of Wood-Cutting Saws, 1955 and 1956 (From all Industries)

	Selling value at works	
	1955	1956
	\$	\$
Power saws:		
Circular	1,724,000	1,852,000
Band	670,000	668,000
Drag and gang	105,000	76,000
Crosscut saws	182,000	197,000
Webb saws	149,000	124,000
Hand-saws	555,000	529,000
Parts for above, including saw-teeth	1,479,000	1,633,000
Power chain saws	8,643,000	10,802,000
Parts for power chain saws		
Total	13,507,000	15,881,000

1. Separate data on chain saws not available for publication in 1955 and 1956.

TABLE 7. Factory Shipments of Axes and Hatchets, 1947-1956 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1947	1,215,136	1,348,473	1952	613,000	1,047,000
1948	873,770	1,021,340	1953	494,000	815,000
1949	621,012	746,752	1954	456,000	762,000
1950	629,000	867,000	1955	504,000	893,000
1951	552,000	1,031,000	1956	512,000	1,013,000

TABLE 8. Factory Shipments of Spades and Shovels, 1947-1956 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1947	1,103,999	1,002,706	1952	1,250,000	1,872,000
1948	1,277,070	1,492,550	1953	1,037,000	1,594,000
1949	1,033,124	1,229,346	1954	871,000	1,255,000
1950	947,000	1,262,000	1955	1,054,000	1,695,000
1951	1,021,000	1,646,000	1956	1,134,000	2,182,000

TABLE 9. Factory Shipments of Forks, Rakes, Hoes and Peavies, 1947-1956 (From all Industries)

Year	Forks		Rakes		Hoes		Peavies, canthooks and pike poles
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	
		\$		\$		\$	
1947	638,644	600,664	226,630	134,929	313,756	201,193	451,007
1948	625,098	669,449	247,441	173,797	301,926	222,475	346,778
1949	462,003	583,471	208,086	175,044	216,766	193,775	237,466
1950	405,000	530,000	288,000	248,000	238,000	213,000	278,000
1951	308,000	398,000	188,000	193,000	204,000	185,000	405,000
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

TABLE 10. Total Production and Factory Shipments of Nails, Tacks, and Staples, 1952-1956
(From all Industries)

Year	Iron and steel wire staples	Iron and steel wire nails and spikes	Wire and cut tacks of all kinds	Iron and steel cut nails		
					Kegs	Kegs
1952						
Quantity made		32,013	1,655,192	2,484,742		11,673
Quantity sold		29,969	1,587,817	2,647,348		13,875
Value of sales	\$	285,632	12,682,307	679,437		171,718
1953						
Quantity made		30,943	1,437,831	2,307,388		12,781
Quantity sold		29,095	1,421,540	2,506,781		13,776
Value of sales	\$	292,028	12,112,524	851,609		168,512
1954						
Quantity made		32,459	1,598,143	1,921,431		12,770
Quantity sold		28,124	1,505,837	2,051,754		13,634
Value of sales	\$	279,849	12,124,580	601,554		165,357
1955						
Quantity made		31,213	1,788,919	1,962,196		17,649
Quantity sold		33,101	1,862,558	2,034,687		17,647
Value of sales	\$	326,681	15,448,759	570,626		248,078
1956						
Quantity made		27,929	1,851,607	2,823,741		13,394
Quantity sold		27,315	1,723,217	2,697,669		17,568
Value of sales	\$	283,315	16,547,699	748,415		305,755

Note: 1 keg = 100 pounds.

TABLE 11. Factory Shipments of Small Tools¹, 1955 and 1956 (From all Industries)

	Selling value at works	
	1955	1956
	\$	\$
Carpenters' and mechanics', including files.....	6,667,000	7,693,000
Machine knives	1,650,000	2,061,000
Drills, taps, bits, reamers, punches, and threading dies (including screw-plates).....	4,492,000	5,041,000
Milling cutters	1,144,000	1,274,000
Gauges (plugs, ring, snap, thread, etc.)	661,000	421,000
Other tools, jigs and fixtures	9,597,000	10,931,000
Total	24,211,000	27,421,000

1. Does not include pneumatic or electric tools.

TABLE 12. Production¹ of Miscellaneous Steel Cutlery², 1947-1956 (From all Industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1947.....	817,520	1952	1,985,000
1948.....	912,905	1953	2,115,000
1949.....	1,663,000	1954	2,308,000
1950.....	1,776,000	1955	2,568,000
1951.....	1,965,000	1956	3,245,000

1. Factory shipments since 1952.

2. Includes paring knives, bread-knives, army utility knives, scissors, unplated table cutlery, etc. Sterling silver and silver-plated ware not included.

TABLE 13. Factory Shipments of Razor Blades, 1952-1956 (From all Industries)

	Factory shipments		
	Quantity sold	Selling value at works	
		No.	\$
1952	175,499,000		3,341,000
1953	175,651,000		3,565,000
1954	174,308,000		3,589,000
1955	176,364,000		3,603,000
1956	180,149,000		3,803,000

TABLE 14. Principal Statistics, Classified According to Type of Ownership, 1955 and 1956

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Individual ownership	80	412	1,121,762	622,999	2,483,852
Partnerships	37	281	819,794	416,468	1,785,458
Incorporated companies	262	12,422	42,639,942	48,134,604	129,303,425
Total	379	13,115	44,581,498	49,174,071	133,572,735
1956					
Individual ownership	78	448	1,147,477	673,784	2,565,668
Partnerships	37	331	994,988	557,866	2,163,795
Incorporated companies	277	13,835	49,715,362	58,801,640	153,676,977
Total	392	14,614	51,857,827	60,033,290	158,406,440

TABLE 15. Principal Statistics of the Hardware, Tools and Cutlery Industry in Canada, Grouped According to Size of Establishment, 1955 and 1956

Establishments reporting value of factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Under \$10,000	30	49	88,892	43,334	140,206
\$10,000 to \$24,999	49	173	407,755	209,153	862,382
\$25,000 to \$49,999	61	387	1,097,100	491,423	2,207,978
\$50,000 to \$99,999	62	653	1,953,663	1,163,256	4,222,229
\$100,000 to \$199,999	47	827	2,800,436	2,331,951	6,621,012
\$200,000 to \$499,999	62	2,182	7,080,537	6,482,443	19,828,252
\$500,000 to \$999,999	31	2,164	7,296,986	7,143,988	20,482,094
\$1,000,000 to \$4,999,999	34	5,201	18,103,903	23,936,157	61,271,185
\$5,000,000 and over	3	1,471	5,718,366	7,372,366	17,937,397
Head offices	—	8	33,860	—	—
Total	379	13,115	44,581,498	49,174,071	133,572,735
1956					
Under \$10,000	25	37	55,410	28,700	120,102
\$10,000 to \$24,999	46	176	424,841	198,383	801,169
\$25,000 to \$49,999	58	377	953,361	506,460	2,050,471
\$50,000 to \$99,999	68	790	2,368,882	1,367,734	5,006,004
\$100,000 to \$199,999	52	926	3,197,287	2,727,157	7,634,938
\$200,000 to \$499,999	67	2,264	8,105,779	7,057,404	21,300,523
\$500,000 to \$999,999	36	2,215	7,468,986	10,625,748	24,540,338
\$1,000,000 to \$4,999,999	36	5,953	21,579,613	26,678,138	70,299,259
\$5,000,000 and over	4	1,874	7,685,668	10,843,566	26,653,638
Head offices	—	2	18,000	—	—
Total	392	14,614	51,857,827	60,033,290	158,406,440

IRON AND STEEL PRODUCTS

TABLE 16. Employees and Their Earnings in the Hardware, Tools and Cutlery Industry, by Provinces, 1955 and 1956

Province	Number of employees						Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total	
	Male	Female	Male	Female					
1955									
Quebec	406	216	1,825	332	2,779	2,479,758	5,949,218	8,428,976	
Ontario	1,415	722	6,523	1,071	9,731	9,323,226	24,896,597	34,219,823	
British Columbia	77	36	287	106	506	492,245	1,187,566	1,679,811	
Other provinces	17	5	69	8	99	61,870	191,018	252,888	
Canada	1,915	979	8,704	1,517	13,115	12,357,099	32,224,399	44,581,498	
1956									
Quebec	445	220	1,977	333	2,975	2,926,086	7,027,336	9,953,422	
Ontario	1,625	836	7,320	1,158	10,939	10,726,348	28,646,995	39,373,343	
British Columbia	78	21	368	109	576	614,784	1,609,265	2,224,049	
Other Provinces	16	5	92	11	124	65,471	241,542	307,013	
Canada	2,164	1,082	9,757	1,611	14,614	14,332,689	37,525,138	51,857,827	

TABLE 17. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
Number						
January	8,096	1,350	9,446	9,475	1,568	11,043
February	8,174	1,395	9,569	9,503	1,584	11,067
March	8,238	1,414	9,652	9,724	1,669	11,393
April	8,327	1,446	9,773	9,749	1,647	11,396
May	8,433	1,474	9,907	9,737	1,646	11,383
June	8,709	1,535	10,244	9,856	1,616	11,472
July	8,788	1,539	10,327	9,760	1,595	11,355
August	8,897	1,532	10,429	9,814	1,611	11,425
September	9,007	1,575	10,582	9,844	1,627	11,471
October	9,124	1,620	10,744	9,914	1,623	11,537
November	9,271	1,653	10,924	9,942	1,604	11,546
December	9,277	1,587	10,864	9,750	1,546	11,296
Average	8,704	1,517	10,221	9,757	1,611	11,318

TABLE 18. Capital and Repair Expenditures in the Hardware, Tools and Cutlery Industry, 1952-1956

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							
1952	1,038	2,677	3,715	652	2,730	3,382	7,097
1953	3,210	4,014	7,224	611	2,391	3,002	10,226
1954	2,549	4,343	6,892	526	2,070	2,596	9,488
1955	2,642	4,151	6,793	664	2,736	3,400	10,193
1956 ¹	3,170	5,066	8,236	602	2,515	3,117	11,353

1. Preliminary.

TABLE 19. Imports of Specified Items of Hardware, Tools and Cutlery, 1955 and 1956

Item	1955		1956		
	Quantity	Value	Quantity	Value	
Forks, pronged	doz.	7,835	\$ 81,849	10,550	113,538
Rakes, n.o.p.	"	26,257	134,263	29,025	163,142
Scythes	"	6,599	92,392	5,416	81,289
Sickles or reaping-hooks	"	2,024	12,741	1,750	12,101
Hoes	"	3,129	24,262	4,278	38,198
Post hole diggers and parts	No.	4,337	119,627	3,101	171,920
Spades and shovels, of iron or steel, n.o.p.	doz.	10,499	127,871	13,020	159,982
Knives and forks, table, of steel, n.o.p.	-	-	1,066,283	-	1,286,583
Pen-knives, jack-knives and pocket-knives of all kinds	-	-	482,884	-	571,574
Razors, n.o.p., and parts	-	-	222,634	-	276,338
Safety razor blades	doz.	2,718,647	175,836	2,029,174	155,437
Scissors and shears, n.o.p.	-	-	1,012,117	-	1,155,297
Knives, butcher and kitchen	-	-	498,643	-	528,639
All other knives, n.o.p.	-	-	354,627	-	379,251
Spoons	-	-	311,687	-	405,034
Hinges and butts, of iron or steel, coated or not; hinge and butt blanks, of iron or steel	lb.	2,828,667	983,650	2,796,221	1,019,767
Nuts and bolts with or without threads; washers, rivets, of iron or steel, coated or not; nut and bolt blanks, of iron or steel	lb.	20,011,632	6,433,147	24,960,536	7,870,158
Machine and other screws, n.o.p., of iron or steel	-	-	2,278,427	-	2,594,227
Wood screws of iron or steel	-	-	263,758	-	301,929
Fish-hooks for deep sea or lake fishing, not smaller in size than No. 2.0, not for sportsmen's purposes	-	-	69,601	-	71,231
Hardware, viz: - builders', cabinet makers', upholsterers', and carriage hardware, n.o.p.	-	-	2,962,368	-	3,555,163
Locks, n.o.p.	-	-	810,988	-	783,175
Skates of all kinds, roller or other, and parts thereof	pairs	132,072	260,722	140,804	248,566
Anvils and vises	-	-	370,381	-	517,725
Augers, bits and drills	-	-	2,423,065	-	2,911,979
Axes	doz.	7,973	94,599	14,898	167,241
Files, manicure	-	-	32,122	-	40,565
Files, n.o.p., and rasps	doz.	105,843	460,018	133,434	549,830
Hacksaw blades	-	-	232,065	-	233,001
Saws, n.o.p.	-	-	752,738	-	749,459
Wrenches	-	-	2,478,434	-	3,300,480
Adzes, cleavers, hatchets, screw-drivers, planes, spokeshaves, chisels, mallets, metal wedges, sledges, hammers, crowbars, cantdogs, track tools, picks, mattocks; eyes or polls for the same	-	-	1,747,704	-	1,962,650
Engineers', surveyors', draftsmen's, machinists' or metal-workers' precision tools and measuring instruments, and parts, as enumerated in tariff items 431c and 431d	-	-	5,747,604	-	5,608,886
Tools for use in machines	-	-	5,720,834	-	7,995,373
Tools, n.o.p.	-	-	6,679,442	-	8,741,556

TABLE 20. Exports of Specified Items of Hardware, Tools and Cutlery, 1955 and 1956

Item	1955		1956	
	Quantity	Value	Quantity	Value
Garden and farm tools	—	\$ 57,714	—	61,021
Spades and shovels, and parts	doz. 2,171	41,212	1,596	30,981
Razors and razor blades of all kinds	—	5,303	—	16,739
Cutlery, n.o.p., not plated	—	6,601	—	3,861
Bolts and nuts of iron and steel	cwt. 9,138	100,522	10,635	158,122
Locks of iron or steel	—	250	—	2,425
Screws of iron and steel	—	12,479	—	14,049
Ice skates	pairs 288,276	544,968	891,350	1,417,945
Hardware, n.o.p.	—	414,525	—	522,769
Axes	doz. 3,270	77,325	1,598	39,804
Files and rasps	" 315,545	704,659	343,187	924,182
Saws, n.o.p. (except power-operated)	—	231,569	—	247,452
Taps and dies	—	143,299	—	266,747
Wrenches	—	94,629	—	89,735
Tools, n.o.p.	—	243,545	—	418,113

TABLE 21. Fuel and Electricity Used¹ in the Hardware, Tools and Cutlery Industry, 1956

Kind	Quantity	Cost at works
		\$
Bituminous coal:		
(a) Canadian	ton 2,267	25,106
(b) Imported	" 10,259	142,068
Anthracite coal	" 937	16,055
Coke	" 1,020	23,462
Gasoline (including gasoline used in cars and trucks)	imp. gal. 331,357	137,157
Kerosene or coal oil	" 2,439	623
Fuel oil	" 4,597,244	668,255
Wood	cords 32	424
Gas:		
(a) Liquefied petroleum gases	imp. gal. 113,117	46,265
(b) Other manufactured gas	1,000 cu. ft. 69,949	73,257
(c) Natural gas	" 52,515	64,451
Other fuel	—	45,779
Electricity purchased	k.w.h. 73,013,312	958,053
Total	—	2,200,935

1. Last collected in 1953.

List of Firms in the Hardware, Tools and Cutlery Industry, 1956

Note: This is not intended to be a complete list of concerns which made hardware, tools and cutlery. It is a list of the companies which were occupied chiefly in making these items, but there may have been firms in other industries which made same as minor products of their operations.

Name	Address
Nova Scotia:	
Blenkhorn & Sons Ltd.	Canning
Starr Manufacturing Works Limited	Dartmouth
Quebec:	
A.B.C. Tool & Die & Mfg. Co. Ltd.	2381 Des Carrières, Montreal
Acme Mold & Die	6031 De Normanville St., Montreal
Active Tooling Reg'd.	1190 Drummond, Montreal
Boisvert, J.R., & Cie Ltée	Grandes Piles
Bristol Cutlery Co.	333 Broadway, Montreal
Canada Grip Nut Co. Ltd.	140 Mercier St., St. Johns
Canada Sealing Devices Reg'd.	3595 Monselat Rd., Montreal N.
Canadian "Cinch" Anchoring Systems Ltd.	2095 Madison Ave., Montreal
Canadian Die Works Reg'd.	1007A Ste. Elizabeth St., Montreal
Canadian Tool Enrg. Co.	254 Queen St., Montreal
Canadian Wire, Die Works Ltd.	2825 Jacques-Hertel, Montreal
Canuel, Onezime	St. Ulric, Co. Matane
Capital Industries	165 St. Zotique St., Montreal
Denman Engraving Reg'd.	360 Recollet St., Montreal
D'Errico Tool & Die	2940 - 36th St. Ville St. Michel
Diacan Co. Reg'd.	772 Ogilvy Avenue, Montreal
Dominion Lock Co. Ltd.	7301 Decarie Blvd., Montreal
Durable Industries Ltd.	6680 Jeanne Mance St., Montreal
Engineering Products of Canada Ltd.	5035 Ontario St. E., Montreal
Evans Rule Co. Ltd.	464 McGill St., Montreal
Forrest, J.A., Enrg.	1050 Chemon Cote, Montreal
Fuller Tool Co. Ltd.	940 Côte de Liesse, Montreal
Furniss Clarke & Co. Limited	6625 St. Lawrence, Montreal
Gardner Steel Limited	98 Fourteenth St., Noranda
Gillette of Canada, Ltd.	1085 St. Alexander St., Montreal
Gilmore, G., Co.	5012 St. Patrick St., Montreal
Glo-Hill Cutlery Company Ltd.	425 River St., Verdun
G.R.S. Tool & Die Inc.	4230 Hogan St., Montreal
Hamelin Engraving Reg'd.	4591 Brebeuf St., Montreal
Harrington Tool & Die Company Limited	735-755 First Ave., Lachine
Industrial Screw & Machine Works Ltd.	8203 Casgrain St., Montreal
Industrial Stampings, Limited	Bromptonville
Jet Power Tool Co. Ltd.	3405 Addington St., Montreal
Jude Tooling & Machining Co.	90 Bates Rd., Outremont
La Compagnie Des Scies "Champion" Ltée	764 St. Vallier Ouest, Quebec
Lassonde Cutlery of Canada Ltd.	1500 Laframboise St., St. Hyacinthe
Laurentian Metal Products Company Limited	40 Montcalm St., Hull
Le Page Brothers Company	1540 Craig St. E., Montreal
Levis Plastex & Metal Products	71 St. Louis St., Levis
London Steel Rule Die Company Ltd.	4496 Deserables, Montreal
Mahon Hardware Mfg. Co. Limited	5010 St. Patrick St., Montreal
Materials Engineering Co.	4377 Drolet St., Montreal
Mayer Sealing Devices Reg'd.	11425 Cherrier St. S., Montreal
Mercil & Frere	27, rue St-Georges, Fort Chamby
Metal Rousseau Metal Inc.	St. Jean, Port Joli, Co. de L'islet
Metal Works Ltd.	425 River St., Verdun
Monarch Punch & Die Enrg. Co. Ltd.	5721A St. Denis St., Montreal
Montreal Grinding Works	4216 Gascon Ave., Montreal
Montreal Hardware Mfg. Co., Limited	2567 Notre Dame St. E., Montreal
Montreal Steel Rule Dies	1362 Jean Talon St. E., Montreal
North Star Engineering Products	5748 Decarie Blvd., Montreal
Pal Blade Corp., Ltd.	2055 Desjardins Ave., Montreal
Precision Automatic Mach., Screw Prod.	2291 Louis Veuillot, Montreal
Precision Steel Rule Dies Ltd.	7192 Grand St., Montreal
Precl-Tools Ltd.	1070 Bleury St., Montreal
Quebec Metal Works Inc.	18 Commercial St., St. David, Levis
Quebec Steel Products Ltd.	45 St. Joseph St., Lachine
Rapid Bit Co.	5236 Angers St., Montreal
Raymond Manufacturing Co. Ltd.	1000 Sherbrooke St., Lachine
Reliable Engraving Co.	360 Le Mayne St., Montreal
Richard, A., Ltée	11 Jacques Cartier, Berthierville
Ruskin Tool & Die Works Inc.	3815 Ruskin St., Ville St. Michel
Sandwick Canadian Limited	5675 Royal Mount Ave., Montreal
Sido Limited	555 boul. Boivin, Granby
Simonds Canada Saw Co. Limited	595 St. Remi St., Montreal

List of Firms in the Hardware, Tools and Cutlery Industry, 1956 — Continued

Name	Address
Quebec — concluded:	
Stanley Tool Co. of Canada, Limited	Roxton Pond
Steel Rule Dies, Reg'd.	724 St. James St. W., Montreal
St. Lawrence Forge Co. Ltd.	320 Dube St., Montreal East
St. Martin Die Casting Co. Ltd.	2 Rue St. Gilbert, St. Marc Des Carrières
Stowell Screw Co., Ltd.	P.O. Box 458, Place D'Armes, Montreal
Threepoint Products	15 Ontario St. W., Montreal
Triplex Engineering Co. Ltd.	9810 St. Urbain St., Montreal
Union Twist Drill Co.	Rock Island
Unique Sash Balance Co. Ltd.	4070 Namur St., Montreal
Universal Die & Tool Mfg. Limited	2125 East Ste. Catherine St., Montreal
Villeray Metallic Industries Ltd.	9180 Blvd. St. Laurent, Montreal
Walters Axe Co. Ltd.	85 Front St., Hull
Whitehouse, A.E., & Sons, Ltd.	970 St. George St., Montreal
Ontario:	
Ace Tool & Mfg. Co.	1287 Windsor Ave., Windsor
Arco Machine & Tool Company Limited	427 Birchmount, Scarborough
Advance Machine & Tools Co. Ltd.	1160-1164 Albert Rd., Windsor
Advance Metal Industries Ltd.	139 Dundas St., Kitchener
Advance Wire Die Ltd.	81 Carling St., London
Aladdin Industries (Canada) Ltd.	1401 Queensway, Toronto
Alfa Manufacturing Co.	111 Richmond St. E., Toronto
Amalgamated Tool & Die Company	380 King St. E., Toronto
Amerock Cabinet Hardware Ltd.	Meaford
Animal Trap Co. of America	Ellen Ave., Niagara Falls
Apollo of Canada	286 King St. E., Toronto
Applied Engineering	51 Cranfield Rd., Toronto
Arrow Tools Ltd.	1501 Crawford Ave., Windsor
Asco Mfg. Ltd.	50-52 Metcalfe St., Toronto 3
Ascot Tool Co.	120 Ascot Ave. (rear), Toronto 10
Ashman Industries Limited	644 Main St. W., Hamilton
Astra Tool & Mfg.	856 Kingston Rd., Toronto
Automatic Screw Machines Products Limited	1171 Queen St. E., Toronto
Barker-Thorne Ltd.	120 Tycos Dr., Toronto
Bathurst Tool & Machine Ltd.	578 Front St., Toronto
Beasant, C.W.	777 Manville Rd., Toronto
Bennett & McPhee	1230 Dundas St. E., Toronto
Bertram, John, & Sons Co. Ltd.	Hatt St., Dundas
Beswick Tool & Die	1701 Shepherd St. E', Windsor
Bolton Die Company	3245 Byng Rd., Windsor
Bond Engineering Works Limited	16 Munition St., Toronto 2
Border Tool & Die Co. Ltd.	2946 Walker Rd., Windsor
Bowman, Joe P.	292 Murray St., Brantford
Brant Engineering & Tool Co. Ltd.	38 Elgin St., Brantford
Brasier Products	6 Cross St., Dundas
Breen Wire Products Ltd.	13 Blackburn St., Toronto
Bremitt Diamond Tools Ltd.	3340 Centre Rd. N., Cooksville
Bryant Pattern & Mfg. Co. Ltd.	P.O. Box 56, Windsor
Brydon Brass Mfg. Co. Ltd.	Box 253, Weston
Budd Machine Tool Co.	825 Tecumseh Blvd. W., Windsor
Burgess Machine & Tool Ltd.	1039A Wallace St., Wallaceburg
Burns Manufacturing Co. Ltd.	414 Portage Rd., Niagara Falls
Burrell-Gardner Tool Co. Ltd.	729 Caron, Windsor
Canada Casters, Limited	344 Dundas St., Woodstock
Canada Foundries & Forgings, Limited	Water St. W., Brockville
Canada Illinois Tools, Limited	177 Front St. E., Toronto
Canadian Advance Car Mover Co., Ltd.	569 Southworth St., Welland
Canadian Desmond-Stephen Mfg. Co. Ltd.	252 Gibson Ave. N., Hamilton
Canadian Engineering & Tool Co. Ltd., (Plant # 1)	920 Mercer St., Windsor
Canadian Engineering & Tool Company Limited	6th Line at Cross Ave., Oakville
Canadian General Electric Co. Ltd.	1025 Lansdowne Ave., Toronto
Canadian Koebel Diamond Tools, Ltd.	18th St. & Towns Road, New Toronto
Canadian Landis Machine Co. Ltd.	Welland
Canadian Lock Co. Ltd.	111 Richmond St. E., Toronto
Canadian Tap & Die Co. Ltd.	21 York Place, Galt
Canadian Thermos Products Ltd.	2040 Eglinton Ave., Toronto
Canadian Warren-Pink Limited	Ontario & Carlton Sts., St. Catharines
Carbide Tool Company Ltd.	2696 St. Clair Ave. W., Toronto
Centerline Tool & Mold Company	1305 Windsor Ave., Windsor
Center Tool & Mould Co. Ltd.	1573 McDougall Ave., Windsor
Chaput Engineering & Sales Co. Ltd.	25 Sawyer Rd., Hamilton
Charlton, J.J., Co. Ltd.	33 Sheppard Ave. W., Toronto

List of Firms in the Hardware, Tools and Cutlery Industry, 1956 — Continued

Name	Address
Ontario — continued:	
Clark Caster Company Limited	41 Lippincott St., Weston
Cochrane Tool & Design Ltd.	201 Ashtonbe Rd., Toronto
College Tool and Die	88 Ossington Ave., Toronto
Collison-Goll Limited	971 Weston Rd., Toronto
Colonial Tool Company Limited	1691 Walker Rd., Windsor
Coventry Gauge & Tool Co. (Canada) Ltd.	518 Evans Ave., Toronto
Craig Bit Company, Limited	180 — 9th St., North Bay
Crescent Tool & Die Ltd.	955 Assumption St., Windsor
Crowdertrack Ltd.	Clarkson
Dafew Tool & Mfg. Co. Ltd.	85 Northline Rd., Toronto
Darnell Corp. of Canada, Ltd.	105 — 30th St., Long Branch
D. & D. Steel Rule Die Carton Co.	1122 Castlefield Ave., Toronto
Delhi Engineering	170 East St., Delhi
Diamond & Carbide Products Co.	377 Munster Ave., Toronto
Dillon Mfg. Co.	82 Ontario St. W., Toronto
Disston, Henry	2 Frazer Ave., Toronto
Diwalt Sales Ltd.	100 Bridgeland Ave., Toronto
Do All Company of Canada Ltd., The	35 Clarkson Ave., Toronto 10
Dominion Brass Products Ltd.	65 Saulter St., Toronto
Dominion Screw Company, Limited	395 Weston Rd. S., Toronto
Dominion Twist Drill, Limited	1880 Assumption St., Windsor
Doherty Industries Ltd.	111 Richmond St. E., Toronto
Dooley Tool & Die	Rear 885 Broadview Ave., Toronto
Draper Mfg. Co. of Canada, Ltd.	Petrolia St., Petrolia
Dreher, J., Estate	127 Moore Ave., Waterloo
Dyer & Kerst, Limited	63 Duchess St., Toronto
Economy Die Makers	122 Front St. E., Toronto
Elan Tool & Die Ltd.	381 Park Ave. W., Chatham
Elliott, G. T.	338 Dundas St., Woodstock
"El-Mech" Tools Ltd.	569 Southworth St., Welland
Simmons Tool & Die Co. Ltd.	19 Bertrand Ave., Scarborough
E.T.F. Tools Limited	21 Woodburn Ave., St. Catharines
Extrusion Machine Co.	67 Blake, Toronto
Faulkner Industries	175 Munro St., Toronto
F.B. Tool and Die Ltd.	237 Vine St. N., St. Catharines
F.D.R. Tool and Machine Co.	Concession Rd. N., Preston
Feerneough, W., Canada, Ltd.	St. Lawrence Ave., Queensway, Toronto
Ferrum Metal Mfg.	68 Densley Ave., Toronto
Firth Brown Tools, Canada, Ltd.	115 Dundas St., Galt
Flaherty Manufacturing Co. Ltd.	227 Sherman Ave. S., Hamilton
Franklin Metal Products	202 Pelham Rd., St. Catharines
Fraser Tool & Engineering Co.	Galt
Freeway Washer Co.	122 Leicester Ave., Toronto
Fruitland Tool & Mfg.	De Witts Rd., Fruitland
Galt Metal Products Co.	161 Samuelson St., Galt
Galt Knife Company Limited	99 State St., Galt
Galt Tool Engineering Company Limited	Bella St., Hespeler
Galt Wood Tool & Machine Co. Ltd.	20 Hobson St., Galt
Gardiner Machine & Tool Ltd.	45 Crockford Blvd., Scarborough
Gillam Components Co.	20 Sumach St., Toronto
Glen Purvis Tool & Die Co. Ltd.	300 Merritt Ave., Chatham
Globe Stamping Company Ltd.	232 Madison Ave., Kitchener
Gray Forgings & Stampings, Limited	710 St. Clarens Ave. & Dupont St., Toronto
Guelph Spring & Axle Co. Ltd.	24 Wellington St., Guelph
Hahn Brass Company, Ltd., The	Waterloo St., New Hamburg
Hall & Pickles Canada Ltd.	Kipling Ave. N., Weston
Hard Metal Fabricators Limited	731 Runnymede Rd., Toronto
Hay, Peter, Knife Co. Limited	43 Victoria Ave., Galt
Hercules Tool & Die Limited	1695 Turner Rd., Windsor
Hi Grade Die & Tool Co. Ltd.	Box 563, R.R. No. 1, Welland
H. & J. Precision Industries	River Rd. S., Peterborough
Hollymade Hardware Mfg. Co.	22 Ripley Ave., Toronto
Husky Mfg. & Tool Works (Ontario) Ltd.	Box 113, Willowdale, North York
Index Machine & Tool	7 Eugenie, Windsor
Industrial Tool	Bloor St. W., Oshawa
International Engineering Co.	289 Sumach St., Toronto
International Hardware Co. of Can. Ltd.	180 Coleman St., Belleville
Irwin-Bender Tool Co.	2696 St. Clair Ave. N., Toronto
James Bros. Hardware Ltd.	Foster St., Perth
Jardine, A.B., & Co., Limited	Guelph Ave., Hespeler
J. & C. Tool & Die Ltd.	1197 Laurendeau, Windsor
J. & J. Tool & Mold Company	1195 Westcott Rd., Windsor
Jessop Steel of Canada Ltd.	Wallaceburg
Jobborn Manufacturing Ltd.	11 Brock St. E., Hamilton
Jones Shovel Company Limited	King St., Gananoque

List of Firms in the Hardware, Tools and Cutlery Industry, 1956 — Continued

Name	Address
Ontario — continued:	
KBM Tool & Manufacturing Co. Ltd.	131 Wendell Ave., Toronto
Kendan Mfg. Co.	2918 Walker Rd., Windsor
Kennametal Tools & Manufacturing Co., Limited	371 Sherman Ave. N., Hamilton
Keystone Machine Works	4231 Dundas St. W., Toronto
Kistner Tool Engineering Co.	Preston
Krawczyk, L.	27 Wilhelm St., Kitchener
Lacelle Tool & Die Works	3368 Dufferin St., Park Rd. P.O., Toronto
Ladore & Company Ltd.	354 Chilver Rd., Walkerville
Lakeshore Precision Gauge Works Limited	100 Niagara St., Toronto Box 100, Beaverton
Lake Simcoe Industries Ltd.	Peter and Scott Sts., Walkerton
Larsen & Shaw Limited	3822 Sandwich St. W., Windsor
Law & Anderson Limited	Bishop St., Preston
Lawrence Engineering Co.	2091 Dufferin St., Toronto
Leadercraft Ltd.	60 Pollock St., Galt
Legge, G.H., Tool Engineering	161 Ottawa St., Kitchener
Levene Die Company Limited	P.O. Box 328, Peterborough
Lift Lock Hardware Industries Ltd.	1184 Queen St., Preston
Little Metal Products	1351 Meredith Ave., Lakeview
Lord, W., Metal Turning Co.	164 Innisfil St., Barrie
Lufkin Rule Co. of Canada Ltd., The	1360 Danforth Ave., Toronto
Machine Specialties	582 Eight Line N., Oakville
Mainline Tool & Die	36 Queen-Elizabeth Blvd., Toronto
Mall Tool Ltd.	103 Walnut Ave., Toronto
Mallett Machine & Tool Works	Blenheim
Mallory Hardware Products Ltd.	40 Wellington Ave., Oshawa
Maple Leaf Tool & Die Co.	21 Jutland Rd., Toronto
Marbles & Tough Ltd.	163 Sandwich St. W., Windsor
Marton Mfg. Co.	Rear 4 Bartlett Ave., Toronto
Master Steel Rule Dies	1465 Crawford Ave., Windsor
McGowan Machine Co.	57 Sylvan Ave., Toronto
Metalair Products	1399 Hammond St., North Bay
R.J. Minogue & Co. Ltd.	R.R. No. 1, Chatham
Moczik Tool & Die Works of Canada Ltd.	4652 Yonge St., Willowdale
Modern Caster Co.	1760 Valley Way, Niagara Falls
Moeller Mfg. Co. (Canada) Ltd.	1630 Dundas St. W., Toronto
Monarch Master Manufacturing	Thames St., Ingersoll
Morrow Screw & Nut Co. Ltd.	1463 Davenport Road, Toronto
National Cutlery, Limited	Dresden
National Hardware Specialties Ltd.	Beamsville
National Socket Screw Mfg. Co. Ltd.	10 Oxford St., Galt
National Tool Distributors Ltd.	Cavan St., Port Hope
Nicholson File Co.	1562 Windsor Ave., Windsor
Nickelson Tool & Die Co. Ltd.	1250 Birchmount Rd., Scarborough
Nortex Tool & Die	177-179 Cedar St. E., Orillia
Oliver, A.H., Machinery Co.	119 Roger St., Waterloo
Ontario Die Company Limited	1027 King St. E., Kitchener
Onward Mfg. Co. Limited	165 York Rd., Guelph
Oregon Saw Chain Ltd.	1515 — 2nd Ave. E., Owen Sound
Owen Sound Die & Engineering	Dundas St. E., Woodstock
Oxford Precision Products Ltd.	193 King E., Toronto
Paragon Engineering Co.	16th Street W., Owen Sound
Parmatic Engineering Limited	Clarence St., Gananoque
Parmenter & Bulloch Mfg. Co. Limited	132 Brandon Ave., Toronto
Peerless Engineering Ltd.	7100 Tecumseh Rd. E., Windsor
Perfect Cutting Tools Ltd.	201 Sophia St., Prescott
Perkins, Frank, Co.	229 Plymouth Rd., Welland
Plymouth Machinery Mfg. Co. Ltd.	Ajax
Power, C.J., Automatic Tools Ltd.	1620 Barton St. E., Hamilton
Precision Machine Co.	1168-76 Wyandotte St. E., Windsor
Precision Products	3555 Danforth Ave., Toronto
Precision Tool Works, Limited	163 King St., Stratford
Preston-Noelting, Ltd.	315 Schlueter St., Preston
Preston Tool & Die Co.	755 Dundas St. E., Toronto
Progressive Tool & Stamping Co.	Oxford St. E., London
Proto Tools of Canada Ltd.	11-15 LaPlante Ave., Toronto
Ramset Fasteners Ltd.	22 Ripley Ave., Swansea
R. & G. Engineering	Ormond St., Thorold
Reliable Tool and Mfg. Co.	2247 Harold Rd., Burlington
Rice Tool & Die Company	Terrace St., London
Richards-Wilcox Canadian Co. Ltd.	172 Princess St., Hamilton
Roberts & Deacon Saw Co.	Bronte St., Milton
Robertson, P.L., Mfg. Co. Ltd.	23 Junction Rd., Sudbury
Rockiron Company Limited	Industrial St., Chatham
Russel Tool & Die Co.	

List of Firms in the Hardware, Tools and Cutlery Industry, 1956 - Continued

Name	Address
Ontario - continued:	
Salco Corporation Ltd.	88 Fourteenth St., New Toronto
Sands Tool Ltd.	35 Carlaw Ave., Toronto
Sang Manufacturing of Canada Ltd.	West Riverside Dr., Windsor
Schick (Canada) Ltd.	437-493 Adelaide St. W., Toronto
Seco Tool Co. Limited	90 Sherbourne St., Toronto
Seepo Machine Products Ltd.	69 Lauzon Rd., Riverside
Semtec Ltd.	1505 Crawford Ave., Windsor
Shanfield Industries Limited	42 Park Lawn Road, Toronto
Shurly-Dietrich-Atkins Company, Limited	17 Glebe St., Galt
Sigma Tools	1656 Queen St. E., Toronto
Simpson, A.G., Co. Ltd.	773 Warden Ave., Scarborough
Skillcraft Ltd.	2-4 Bond St., St. Catharines
Skilcraft Steel Rule Dies	747A Broadview Ave., Toronto
Smit, J.K. & Sons of Canada, Limited	81 Tycos Drive, Toronto 13
Snap-on Tools of Canada, Ltd.	41 Cranfield Rd., Toronto 13
Stanley Works of Canada, Limited	Imperial St., Hamilton
Star Expansion Bolt Co. Ltd.	1061 The Queensway, Toronto 14
Star Tools Limited	309 Pharmacy Ave., Toronto 13
St. Clair Tool & Die Ltd.	Wallaceburg
Steel Company of Canada, Limited	Colborne St. W., Brantford
Steel Company of Canada, Limited	Windermere Ave., Swansea
Steel Master Tool Company Ltd.	6500 Tecumseh Blvd., Sandwich E.
Steer, H.V., Engineering	144 Willowdale Ave., Toronto
Stewart Warner Corporation of Canada Limited	McDonald Ave., Belleville
Sunten Products Company Limited	23 Grand Avenue E., Chatham
Superior Machine & Tool Co.	285 Inshes Ave., Chatham
Taylor Bros. Cutlery Co. Ltd.	9 MacNab St. N., Hamilton
Taylor Die & Tool Mfg. Co. Ltd.	625 Princess St., London
Taylor, J.A.M., Tool Co. Limited	59 Queen St., Galt
Thomson (Canada) Rivet Co. Ltd.	4th St. & Victoria Ave., Gananoque
Tools and Hardware Ltd.	112 Peter St. S., Orillia
Toon, L., & Associates	1 Elrose, Weston
Toronto Die Company	780 King St. W., Toronto
Toronto Lock Manufacturing Co. Limited	Paterson Place, Toronto
Toronto Metal Specialities	80 Raleigh Ave., Toronto
Toronto Screw Machine Products Ltd.	1953 Gerrard St. E., Toronto
Toronto Tool & Stamping Co.	1311 Queen St. E., Toronto
Union Tool & Die Works	41 St. Cecilia St., Eastview
Universal Engineering & Tool Works	82 Dundas St., London
Universal Engraving	301 King St. W., Toronto
Upper Canada Mfg. Ltd.	242 Birmingham, New Toronto
Vannatter, H.E.	41 Dundas St., Wallaceburg
Vanstone, E.G., and Son Ltd.	126 Atlantic Ave., Toronto
Venco Metals Limited	347 Church St., Mimico
Vicam & Co. (Canada) Ltd.	c/o Norman Rogers Airport, Kingston
Victoria Engineering Company	347 Church St., Mimico
Viking Engine & Tool Company Limited	310 Bartlett Ave., Toronto
Wahl Clipper Corp. of Canada Ltd.	3967 Walker Rd., Windsor
Wahl Mfg. Co. of Canada	720 Bathurst St., Toronto
Walker Machine Shop Ltd.	3988 Riberdy Rd., Sandwich E.
Wallaceburg Engineering Co. Ltd.	208 Wallace St., Wallaceburg
Wallaceburg Tool & Mfg. Co. Ltd.	Wallaceburg
Ward, Alfred, & Son, Limited	44 Cathcart St., Hamilton
Warren Automatics	280 Wescott St., Peterborough
Wasco Valve Seat Co. Ltd.	Irwin and Gordon Sts., Essex
Wesson Cutting Tools Ltd.	93 Judge Rd., Toronto
Weston Machine & Tool Limited	179 Main St. N., Weston
Waterloo Metal Stampings Ltd.	3 Regina St. N., Waterloo
Welland Vale Mfg. Co. Ltd.	102 Tilson Ave., Tillsonburg
Welland Vale Mfg. Co. Ltd.	St. Catharines
Welland Vale Mfg. Co. Ltd.	Hamilton
Wentworth Mould & Die Co. Ltd.	93 Cannon St. W. (rear), Hamilton
Wheatley Manufacturing Ltd.	2536 Dougall Rd., Windsor
Wheel Trueing Tool Co. of Canada, Ltd.	575 Langlois Ave., Windsor
Whitby Malleable Iron & Brass Co. Ltd.	Brock St., Whitby
Wickman, A.C., Canada Limited	The Queensway, Etobicoke
Wiens Screw Products Limited	Queen Elizabeth Rd., Burlington
Wild, J.W., Co. Ltd.	108 Merton St., Toronto
Willow Manufacturing Company	21 Sable St., Toronto
Windsor Tool & Die Ltd.	1680 Kildare Rd., Windsor
Wood, Fred, & Sons	11 Widmer St., Toronto
Wright Aluminum Co., Limited	2891 Dufferin St., Toronto
Wright, C.E., Company	Cross Ave., Oakville
Wright Tool Co.	21 West Ave. N., Hamilton

List of Firms in the Hardware, Tools and Cutlery Industry, 1956 — Concluded

Name	Address
Ontario — concluded:	
Y.W. Small Parts Ltd.	496 Queen St. E., Toronto
Yale & Towne Mfg. Co. Ltd.	Yale Crescent, St. Catharines
Young, G.R., Screw Machine Products Limited	26 Six Point Rd., Toronto
Zettel Mfg.	170 Borden Ave. S., Kitchener
Manitoba:	
Card Bros. Mfg. Co.	1399 Erin St., Winnipeg
Dyck, J.I.	278 Kingsford Ave. N., Winnipeg
Klassen Brothers	421 Edison Ave. N., East Kildonan, Winnipeg
Kropp Tool & Die Works	1096 McPhillips St., Winnipeg
Alberta:	
Barnard Tool & Die Works	512 — 15th Ave. W., Calgary
Smit-Connors, J.K., Ltd.	5406 — 43 St., Red Deer
Stamco Specialty Tool & Mfg. Co. Ltd.	10012 — 106th Ave., Edmonton
British Columbia:	
Ace Tool & Engineering Ltd.	920 Clark Dr., Vancouver
Basco Mfg. Co.	Campbell River
B.C. Diesel Service Engineers Ltd.	1330 Francis St., Vancouver
Bigio Manufacturing Co.	1362 Franklin St., Vancouver
Cascade Saw & Tool Co. Ltd.	314 Columbia St. E., New Westminster
Driltru Bit & Supply Ltd.	705 W. 2nd Ave. N., Vancouver
Dunn's Sharp Edge Service	112 Main St., Vancouver
Kennametal of Canada, Limited	1818 Blanshard St., Victoria
Metal & Wood Products, Ltd.	43 East 3rd Ave., Vancouver
Modern Engineering Co. Ltd.	1695 W. 5th Ave., Vancouver
Nygram Industries Ltd.	626 W. Pender St., Vancouver
Pacific Bolt Manufacturing Co. Ltd.	450 South West Marine Dr., Vancouver
Port Metal Products Ltd.	2117 William St., Vancouver
Schlage Lock Co. of Canada Ltd.	P.O. Box 98, Vancouver 9
Shurly-Dietrich-Atkins Co. Ltd.	1642 Pandora St., Vancouver
Spear & Jackson (B.C.) Ltd.	Granville Island, Vancouver
Stuart Die Casting	1270 Boundary Rd., Burnaby
Throwaway Bit Company Ltd.	1651 Franklin St., Vancouver
Tungbide Products Ltd.	1157 Richards St., Vancouver 2
Viking Manufacturing Co. Ltd.	1671 East Hastings St., Vancouver
Weiser Lock Company of Canada Ltd.	1895 Hawthorn Ave., S. Burnaby



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