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CANADA



# THE HARDWARE, TOOLS AND CUTLERY INDUSTRY

## 1953



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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, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 25¢
  - 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—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part X, 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¢
- G—The Machinery Industry, 25¢
- H—The Machine Shops Industry, 25¢
- I—The Iron Castings Industry, 25¢
- J—The Primary Iron and Steel Industry, 25¢
- K—The Sheet Metal Products Industry, 25¢
- L—The Wire and Wire Goods Industry, 25¢
- M—The Miscellaneous Iron and Steel Products Industry, 25¢

# THE HARDWARE, TOOLS AND CUTLERY INDUSTRY

## 1953

Factory shipments in 1953 by establishments in the Hardware, Tools and Cutlery Industry in Canada amounted to \$127,309,572, an increase of 2.9 per cent over the 1952 total of \$123,741,049.

A total of 351 plants, which were occupied chiefly in the manufacture of hardware, cutlery, hand tools and related products, were classified to this industry. Of these, 247 factories were located in Ontario, 75 in Quebec, 16 in British Columbia, 6 in Manitoba, 5 in Alberta and 2 in Nova Scotia. These concerns gave employment to a total of 14,422 people, who were paid \$45,939,345 in salaries and

wages. Materials used in manufacturing processes cost \$40,771,452 and expenditures for fuel and electricity amounted to \$1,765,496.

Output included bolts, nuts, rivets, hardware, safety razors and blades, saws and parts, screw machine products, metal stampings, twist drills, milling cutters, machine knives, axes, hatchets, spades, forks, shovels, files, carpenters' tools, etc. Tables 5 to 13 give the total output in Canada, from all industries, of some of the more important of these commodities.

**TABLE 1. Principal Statistics of the Hardware, Tools and Cutlery Industry, 1949-1953**

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
1949 .....	281	12,226	27,377,079	1,418,766	23,915,194	76,409,023
1950 .....	291	12,513	29,840,967	1,513,106	28,461,423	88,994,584
1951 .....	297	14,289	39,480,334	1,719,245	39,022,361	116,457,701
1952 .....	339	14,350	43,664,871	1,830,032	40,353,012	123,741,049
1953 .....	351	14,422	45,939,345	1,765,496	40,771,452	127,309,572
Per cent change, 1953 from 1952 .....	—	+0.5	+5.2	-3.5	+1.0	+2.9

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

**TABLE 2. Principal Statistics, by Provinces, 1952 and 1953**

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
<b>1952</b>						
Nova Scotia .....	2	3,630	10,351,029	389,844	9,118,603	29,114,136
Quebec .....	70					
Ontario .....	245	10,286	32,010,629	1,365,310	29,391,317	89,959,027
Manitoba .....	5	34	56,170	4,660	45,870	141,559
Alberta .....	4	14	33,539	1,840	5,847	68,463
British Columbia .....	13	386	1,213,504	68,378	1,791,375	4,457,864
<b>Canada .....</b>	<b>339</b>	<b>14,350</b>	<b>43,664,871</b>	<b>1,830,032</b>	<b>40,353,012</b>	<b>123,741,049</b>
<b>1953</b>						
Nova Scotia .....	2	3,390	10,204,964	372,988	9,711,324	29,197,998
Quebec .....	75					
Ontario .....	247	10,516	34,253,868	1,313,807	28,764,497	92,804,046
Manitoba .....	6	36	94,888	6,419	60,015	204,854
Alberta .....	5	23	54,595	2,432	21,462	110,557
British Columbia .....	16	457	1,331,030	69,850	2,214,154	4,992,117
<b>Canada .....</b>	<b>351</b>	<b>14,422</b>	<b>45,939,345</b>	<b>1,765,496</b>	<b>40,771,452</b>	<b>127,309,572</b>

**TABLE 3. Products Made in the Hardware, Tools and Cutlery Industry,  
1952 and 1953**

Item	1952		1953	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Safety razors and blades, steel table cutlery, scissors, army knives, etc. ....	—	5,114,613	—	5,098,919
Hardware:				
Automobile .....	—	3,248,187	—	3,095,670
Builders' and shelf .....	—	13,450,163	—	14,832,405
Furniture and cabinet .....	—	2,358,600	—	3,085,773
Harness and saddlery .....	—	307,576	—	240,003
Trunk and suitcase .....	—	327,950	—	485,098
Other hardware .....	—	3,775,945	—	4,071,456
Hand implements:				
Axes and hatchets .....	No. 613,178	1,047,404	493,839	815,027
Canthooks, peavies and pikepoles .....	—	398,824	—	368,354
Forks .....	No. 375,888	540,926	310,344	458,661
Hoes .....	" 218,544	222,927	242,928	256,350
Rakes .....	" 275,436	275,943	299,460	310,080
Spades and shovels .....	" 1,061,609	1,659,562	884,844	1,372,029
Other hand implements .....	—	249,038	—	234,697
Tungsten carbide products:				
Tools, including masonry drills .....	—	1,825,001	—	2,279,004
Dies .....	—	420,802	—	496,795
Other products (tips or blanks and rock drill bits) .....	—	1,873,695	—	2,259,346
Tools, hand and small <sup>1</sup> :				
Automotive tools (hand and power-driven) .....	—	948,280	—	1,418,640
Carpenters' and mechanics', including files .....	—	6,262,098	—	6,248,898
Jigs and fixtures .....	—	1,749,702	—	2,184,648
Machine knives .....	—	1,309,554	—	1,446,002
Drills, taps, bits, reamers, punches and dies (including screw plates) .....	—	5,172,437	—	5,231,260
Milling cutters .....	—	1,478,475	—	1,549,607
Other tools .....	—	7,097,145	—	6,747,139
Miscellaneous:				
— Bolts, nuts, rivets, washers, screws and allied products .....	—	26,887,240	—	24,542,608
Casters, other than glass .....	—	1,070,668	—	1,359,946
Castings, iron .....	tons 1,547	346,777	315	74,031
Castings, other .....	—	22,672	—	—
Dies for drawing, cutting or stamping <sup>1</sup> .....	—	4,668,857	—	3,893,351
Saws, metal-cutting, including circular, band and hack saw blades (hand and power) .....	—	1,391,026	—	1,608,948
Saws, wood-cutting, and parts (see Table 6) .....	—	5,629,682	—	5,804,167
Received from custom and repair work .....	—	1,058,705	—	1,632,355
All other products .....	—	21,550,575	—	23,808,305
<b>Total</b> .....	—	<b>123,741,049</b>	—	<b>127,309,572</b>

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.

1. Does not include tungsten carbide type since 1952.

TABLE 4. Materials Used in the Hardware, Tools and Cutlery Industry, 1952 and 1953

Material	1952		1953		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
<b>Iron and steel:</b>					
Pig iron .....	tons	1,849	105,713	1,581	93,185
Bars and rods .....	"	62,483	7,170,405	44,826	5,507,077
Plates .....	"	4,420	563,612	2,831	436,023
Sheets - Plain .....	"	14,103	1,772,710	13,083	1,658,830
Galvanized .....	"	357	58,933	376	71,102
Tin plate .....	"	124	23,995	92	15,752
Strip .....	"	7,482	1,033,769	8,544	1,528,753
Structural shapes .....	"	2,120	248,029	1,708	202,243
Wire .....	"	22,984	2,420,292	20,855	3,282,180
<b>Alloy steel:</b>					
Carbon and alloy tool steel, including high speed:					
Billets, bars and rods .....	-	-	3,003,333	-	2,827,764
Other .....	-	-	1,573,901	-	1,348,847
<b>Stainless:</b>					
Billets, bars and rods .....	-	-	115,988	-	101,774
Other stainless .....	-	-	165,990	-	281,636
Other alloy steel .....	-	-	757,429	-	493,006
<b>Scrap iron and steel:</b>					
Purchased .....	tons	545	25,646	622	17,032
Own make .....	"	27	954	62	2,075
All other iron and steel .....	-	-	1,942,904	-	2,556,316
<b>Non-ferrous metals:</b>					
<b>Aluminum:</b>					
Castings .....	lbs.	214,400	77,782	63,344	37,675
Sheet .....	"	345,706	131,467	379,964	159,465
Other forms .....	"	1,469,663	666,717	1,667,156	602,505
Bronze and brass .....	"	3,961,085	1,642,366	5,688,533	1,959,891
<b>Copper:</b>					
Sheet .....	lbs.	25,600	9,510	6,886	3,234
Wire .....	"	222,652	85,102	156,019	60,391
Other forms .....	"	381,000	107,491	221,749	77,812
Lead .....	"	297,656	64,602	283,151	51,415
Nickel .....	"	19,336	13,879	30,960	27,341
Tin .....	"	6,174	7,132	3,224	3,413
Zinc .....	"	1,588,771	332,829	584,058	103,717
Other non-ferrous .....	-	-	129,637	-	278,182
<b>Other materials:</b>					
Handles .....	-	-	753,951	-	674,942
Paints, oils and varnishes .....	-	-	142,054	-	172,799
Lumber .....	M ft. b.m.	2,286	260,677	1,922	205,077
Shipping containers .....	-	-	1,099,773	-	1,051,226
Other materials .....	-	-	13,844,440	-	14,878,772
<b>Total .....</b>	<b>-</b>	<b>-</b>	<b>40,353,012</b>	<b>-</b>	<b>40,771,452</b>

TABLE 5. Factory Shipments of Hardware, 1952 and 1953 (From all Industries)

	Selling value at works	
	1952	1953
	\$	\$
Builders' and shelf .....	13,771,000	15,244,000
Harness and saddlery .....	310,000	243,000
Pole line (except insulators) .....	10,213,000	8,169,000
Automobile .....	7,312,000	6,804,000
Furniture and cabinet .....	2,452,000	3,181,000
Trunk and suitcase .....	328,000	485,000
Other .....	4,020,000	4,488,000
<b>Total .....</b>	<b>38,406,000</b>	<b>38,614,000</b>

TABLE 6. Factory Shipments of Wood-Cutting Saws, 1952 and 1953 (From all Industries)

	Selling value at works	
	1952	1953
	\$	\$
<b>Power saws:</b>		
Circular .....	1,291,000	1,382,000
Band .....	566,000	561,000
Drag and gang .....	52,000	48,000
Crosscut saws .....	210,000	149,000
Webb saws .....	453,000	181,000
Hand saws .....	755,000	682,000
Parts for above, including saw-teeth .....	977,000	1,055,000
Power chain saws .....	3,193,000 <sup>i</sup>	3,191,000 <sup>i</sup>
Parts for power chain saws .....	1,128,000	878,000
<b>Total .....</b>	<b>8,535,000</b>	<b>8,127,000</b>

i. Represents the value of 13,420 units in 1952 and 21,893 units in 1953.

TABLE 7. Factory Shipments of Axes and Hatchets, 1944-1953 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1944 .....	753,237	710,539	1949 .....	621,012	746,752
1945 .....	814,254	753,280	1950 .....	629,000	867,000
1946 .....	1,291,835	1,241,513	1951 .....	552,000	1,031,000
1947 .....	1,215,136	1,348,473	1952 .....	613,000	1,047,000
1948 .....	873,770	1,021,340	1953 .....	494,000	815,000

TABLE 8. Factory Shipments of Spades and Shovels, 1944-1953 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1944 .....	1,052,777	739,853	1949 .....	1,033,124	1,229,348
1945 .....	1,029,461	722,544	1950 .....	947,000	1,262,000
1946 .....	1,016,263	774,829	1951 .....	1,021,000	1,646,000
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

TABLE 9. Factory Shipments of Forks, Rakes, Hoes and Peavies, 1944-1953 (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	
		\$		\$		\$	\$
1944 .....	602,391	452,839	293,757	146,860	297,872	149,961	172,547
1945 .....	477,952	379,090	404,534	183,250	269,998	139,582	188,947
1946 .....	520,309	443,779	241,613	135,401	291,357	151,116	352,294
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

TABLE 10. Total Production and Factory Shipments of Nails, Tacks and Staples, 1949-1953 (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	lbs.	Kegs
<b>1949</b>				
Quantity made .....	35,504	1,770,411	3,274,002	22,398
Quantity sold .....	35,866	1,803,241	3,181,841	21,410
Value of sales .....	\$ 266,368	12,030,359	713,456	261,980
<b>1950</b>				
Quantity made .....	36,848	1,724,546	2,620,169	21,123
Quantity sold .....	35,382	1,726,156	3,343,778	20,889
Value of sales .....	\$ 274,374	12,136,218	707,167	238,383
<b>1951</b>				
Quantity made .....	35,446	1,865,176	2,958,954	27,260
Quantity sold .....	34,992	1,818,884	2,770,333	25,281
Value of sales .....	\$ 309,034	14,107,066	654,704	288,954
<b>1952</b>				
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
<b>1953</b>				
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

Note. 1 keg = 100 pounds.

**TABLE 11. Factory Shipments of Small Tools<sup>1</sup>, 1952 and 1953 (From all Industries)**

	Selling value at works	
	1952	1953
	\$	\$
Carpenters' and mechanics', including files .....	6,264,000	6,249,000
Machine knives .....	1,310,000	1,446,000
Drills, taps, bits, reamers, punches and dies (including screw plates) .....	5,299,000	5,231,000
Milling cutters .....	1,478,000	1,550,000
Gauges (plug, ring, snap, thread, etc.) .....	1,040,000	689,000
Other tools, jigs and fixtures .....	15,193,000	13,897,000
<b>Total</b> .....	<b>30,584,000</b>	<b>29,062,000</b>

1. Does not include pneumatic or electric tools.

**TABLE 12. Production<sup>2</sup> of Miscellaneous Steel Cutlery<sup>1</sup>, 1944-1953 (From all Industries)**

Year	Selling value at works	Year	Selling value at works
	\$		\$
1944 .....	669,202	1949 .....	1,663,327
1945 .....	553,170	1950 .....	1,776,000
1946 .....	1,206,010	1951 .....	1,965,000
1947 .....	817,520	1952 .....	1,985,000
1948 .....	912,905	1953 .....	2,115,000

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

2. Factory shipments since 1952.

**TABLE 13. Production and Factory Shipments of Razor Blades, 1949-1953 (From all Industries)**

Year	Production	Factory sales	
	Quantity made	Quantity sold	Selling value at works
	No.	No.	\$
1949 .....	171,899,000	166,548,000	3,179,000
1950 .....	162,209,000	176,399,000	3,243,000
1951 .....	220,748,000	196,958,000	3,404,000
1952 .....	1	175,499,000	3,341,000
1953 .....	1	175,651,000	3,565,000

1. Not collected after 1951.

TABLE 14. Imports of Specified Items of Hardware, Tools and Cutlery, 1952 and 1953

Item	1952		1953	
	Quantity	Value \$	Quantity	Value \$
Forks, pronged..... doz.	4,060	42,809	6,202	66,485
Rakes, n.o.p. .... "	13,208	63,269	19,997	113,369
Scythes ..... "	5,655	63,464	6,277	70,616
Sickles or reaping hooks..... "	3,492	21,791	7,394	39,858
Hoes..... "	1,364	15,787	2,277	25,526
Post hole diggers and parts ..... No.	1,653	87,998	3,643	141,078
Spades and shovels, of iron or steel, n.o.p..... doz.	10,776	141,997	10,146	118,480
Knives and forks, table, of steel, n.o.p. .... -	-	459,036	-	775,506
Pen-knives, jack-knives and pocket-knives of all kinds ..... -	-	477,583	-	571,582
Razors, n.o.p., and parts ..... -	-	83,164	-	185,167
Safety razor blades ..... doz.	2,732,934	149,735	2,710,274	150,985
Scissors and shears, n.o.p. .... -	-	1,018,477	-	1,021,116
Knives, butcher and kitchen..... -	-	527,993	-	640,577
All other knives, n.o.p..... -	-	302,888	-	341,365
Spoons ..... -	-	116,817	-	190,087
Hinges and butts, of iron or steel, coated or not; hinge and butt blanks, of iron or steel lb.	1,223,540	523,543	1,632,748	631,442
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.	16,529,680	4,703,119	16,064,035	4,804,236
Machine and other screws, n.o.p., of iron or steel..... -	-	2,020,114	-	2,098,954
Wood screws of iron or steel ..... -	-	152,978	-	199,498
Fish hooks for deep sea or lake fishing, not smaller in size than No. 2.0 not for sportsmen's purposes..... -	-	87,907	-	88,022
Hardware, viz:— builders', cabinet makers', upholsterers', and carriage hardware, n.o.p. -	-	1,565,145	-	2,096,288
Locks, n.o.p. .... -	-	224,999	-	347,283
Skates of all kinds, roller or other, and parts thereof..... pairs	36,550	99,326	65,671	149,646
Anvils and vises ..... -	-	390,966	-	374,075
Augers, bits and drills ..... -	-	2,535,267	-	2,755,847
Axes..... doz.	4,010	44,779	4,804	56,243
Files, manicure ..... -	-	33,180	-	31,659
Files, n.o.p., and rasps ..... doz.	137,528	508,684	115,310	468,046
Hacksaw blades ..... -	-	163,822	-	189,678
Saws, n.o.p. .... -	-	946,243	-	944,384
Wrenches ..... -	-	2,249,208	-	2,515,311
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 ..... -	-	1,374,866	-	1,573,800
Engineers', surveyors', draftsmen's, machinists' or metal-workers' precision tools and measuring instruments, and parts, as enumerated in tariff items 431c and 431d..... -	-	5,427,717	-	6,390,567
Tools for use in machines ..... -	-	3,712,929	-	7,860,339
Tools, n.o.p..... -	-	5,177,989	-	7,843,938

TABLE 15. Exports of Specified Items of Hardware, Tools and Cutlery, 1952 and 1953

Item	1952		1953	
	Quantity	Value	Quantity	Value
		\$		\$
Garden and farm tools.....	—	70,149	—	48,688
Spades and shovels, and parts..... doz.	1,570	20,555	3,126	38,623
Razors and razor blades of all kinds.....	—	286,372	—	140,369
Cutlery, n.o.p., not plated.....	—	7,704	—	6,391
Bolts and nuts of iron and steel..... cwt.	10,559	288,731	2,953	60,694
Locks of iron or steel.....	—	50,934	—	14,716
Screws of iron and steel.....	—	13,445	—	5,197
Ice skates..... pairs	135,036	307,921	63,489	164,685
Hardware, n.o.p.....	—	567,348	—	476,492
Axes..... doz.	4,283	96,911	1,884	45,196
Files and rasps..... "	196,452	495,960	206,438	490,211
Saws, n.o.p. (except power-operated).....	—	161,296	—	123,961
Taps and dies.....	—	154,063	—	143,230
Wrenches.....	—	130,678	—	55,765
Tools, n.o.p.....	—	357,926	—	331,358

TABLE 16. Employees and Their Earnings in the Hardware, Tools and Cutlery Industry, by Provinces, 1952 and 1953

Province	Number of employees				Total	Earnings		
	Supervisory and office		Production workers			Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
					\$	\$	\$	
<b>1952</b>								
Quebec.....	535	262	2,354	428	3,579	2,912,305	7,333,427	10,245,732
Ontario.....	1,401	730	7,028	1,127	10,286	8,137,739	23,872,890	32,010,629
British Columbia.....	69	25	270	22	386	418,719	794,785	1,213,504
Other provinces.....	17	2	76	4	99	41,060	153,946	195,006
<b>Canada.....</b>	<b>2,022</b>	<b>1,019</b>	<b>9,728</b>	<b>1,581</b>	<b>14,350</b>	<b>11,509,823</b>	<b>32,155,048</b>	<b>43,664,871</b>
<b>1953</b>								
Quebec.....	494	255	2,184	396	3,329	2,967,114	7,118,718	10,085,832
Ontario.....	1,393	724	7,231	1,168	10,516	8,408,108	25,845,760	34,253,868
British Columbia.....	113	33	267	44	457	426,581	904,449	1,331,030
Other provinces.....	22	4	89	5	120	69,659	198,956	268,615
<b>Canada.....</b>	<b>2,022</b>	<b>1,016</b>	<b>9,771</b>	<b>1,613</b>	<b>14,422</b>	<b>11,871,462</b>	<b>34,067,883</b>	<b>45,939,345</b>

TABLE 17. Capital and Repair Expenditures in the Hardware, Tools and Cutlery Industry, 1949-1953

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						
1949.....	1,001	2,057	3,058	527	2,099	2,626	5,684
1950.....	839	1,949	2,788	393	1,933	2,326	5,114
1951.....	2,004	2,733	4,737	570	2,663	3,233	7,970
1952.....	1,038	2,677	3,715	652	2,730	3,382	7,097
1953 <sup>1</sup> .....	1,819	3,109	4,928	546	2,357	2,903	7,831

1. Preliminary.

TABLE 18. Fuel and Electricity Used<sup>1</sup> in the Hardware, Tools and Cutlery Industry, 1948 and 1953

Kind	Unit of measure	1948		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal:					
From Canadian mines .....	ton	5,302	60,126	2,439	33,427
Imported .....	ton	22,727	269,842	14,095	176,671
Sub-bituminous coal (from Alberta mines only) .....	ton	110	1,246	114	1,185
Anthracite coal .....	ton	1,247	23,010	2,574	45,652
Lignite coal .....	ton	73	831	66	590
Coke .....	ton	1,580	33,518	845	18,085
Gasoline .....	Imp. gal.	199,912	72,695	211,392	78,277
Kerosene .....	" "	130,299	20,842	6,228	1,501
Fuel oil .....	" "	3,435,544	495,700	3,190,239	455,821
Wood .....	cord	209	2,138	162	2,579
Gas:					
Liquefied petroleum gases (propane, etc.) .....	Imp. gal.	2	2	9,045	3,220
Other manufactured gas .....	M cu. ft.	174,740	135,033	100,798	87,518
Natural gas .....	" " "	19,075	16,905	37,968	40,729
Other fuel .....	—	—	559	—	23,932
Electricity purchased .....	k.w.h.	49,271,138	543,803	56,991,205	796,309
<b>Total cost .....</b>	—	—	<b>1,676,248</b>	—	<b>1,765,496</b>

1. Details shown in Tables 18 and 19 are collected only every five years; accordingly, data for intervening years are not available.

2. Not collected separately.

TABLE 19. Power Equipment<sup>1</sup>, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1948				
Steam engines .....	1	40	—	—
Gasoline, gas and oil engines, other than Diesel engines .....	2	11	2	45
Hydraulic turbines or water-wheels .....	4	406	—	—
<b>Total primary .....</b>	<b>7</b>	<b>457</b>	<b>2</b>	<b>45</b>
Electric motors run by purchased power .....	12,781	50,016	670	2,989
<b>Total .....</b>	<b>12,788</b>	<b>50,473</b>	<b>672</b>	<b>3,034</b>
Electric motors run by above primary units .....	6	170	—	—
Boilers for power purposes only .....	11	887	1	60
Motor-generator sets .....	53	7,646 k. v. a.	5	1,124 k. v. a.
1953				
Gasoline, gas and oil engines, other than Diesel engines .....	2	11	—	—
Hydraulic turbines or water-wheels .....	1	100	1	60
<b>Total primary .....</b>	<b>3</b>	<b>111</b>	<b>1</b>	<b>60</b>
Electric motors run by purchased power .....	17,876	47,382	816	3,569
<b>Total .....</b>	<b>17,879</b>	<b>47,493</b>	<b>817</b>	<b>3,629</b>
Boilers for power purposes only .....	5	360	—	—
Motor-generator sets .....	47	1,388 k. v. a.	2	78 k. v. a.

1. See footnote to Table 18.

## List of Firms in the Hardware, Tools and Cutlery Industry, 1953

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
<b>Nova Scotia:</b>	
Blenkhorn & Sons Ltd. ....	Canning
Starr Manufacturing Works Limited .....	Dartmouth
<b>Quebec:</b>	
A.B.C. Tool & Die & Mfg. Co. Ltd. ....	2381 Des Carrières, Montreal
Acme Mold & Die .....	6031 De Normandie St., Montreal
Acme Shear Co. of Canada, Ltd., The .....	P.O. Box 420, Bedford
Ambassador Manufacturing Co. ....	1100 Victoria St., St. Lambert, Montreal 23
American Safety Razor of Canada Ltd. ....	2055 Desjardins Ave., Montreal
Anderson, George, & Co. Can., Ltd. ....	4211 St. Ambroise St., Montreal
Barrie Utility Mfg. Co. Ltd. ....	7340 Mountain Sights Ave., Montreal
Boisvert, J.R., & Cie Ltée. ....	Grandes Piles
Bouchard, Georges, (Les Scies Saguenay) .....	Bagotville
Bristol Cutlery Co. ....	333 Broadway, Montreal
Canada Grip Nut Co. Ltd. ....	140 Mercier St., St. Johns
Canadian "Cinch" Anchoring Systems Ltd. ....	455 Craig St. W., Montreal
Canadian Die Works Reg'd. ....	1007A Ste. Elizabeth St., Montreal
Canadian Wire, Die Works Ltd. ....	5895 Dumas St., Ville Enard, Montreal
Canuel, Onezime .....	St. Ulric, Co. Matane
Capital Plastics Reg'd. ....	6293 Casgrain Ave., Montreal
Colonial Tool & Die Reg'd. ....	7789 St. Dominique, Montreal
Denman Engraving Reg'd. ....	360 Recollet St., 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
Furniss Clarke & Co. Limited .....	8576 St. Dominique, Montreal
Gardner Steel Limited .....	98 Fourteenth St., Noranda
Gillette Safety Razor Co. 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
Gordy Tool and Die Works .....	7075 Grande Ave., Montreal
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
Hayes-Durham Forgings Ltd. ....	45 St. Joseph St., Lachine
Industrial Stampings, Limited .....	Bromptonville
Jude Tooling & Machining Co. ....	90 Bates Rd., Outremount, Montreal
La Cie de Haches "International" Ltée .....	4, rue Lee, Québec
La Cie des Scies "Champion" Ltée. ....	339 Dorchester St., Quebec
Laurentian Metal Products Company Limited .....	40 Montcalm St., Hull
Le Page Brothers Company .....	1540 Craig St. E., Montreal
Mahon Hardware Mfg. Co. Limited. ....	5010 St. Patrick St., Montreal
Materials Engineering Co. ....	264 Legauchetiere St. W., Montreal
Mayer Sealing Devices Reg'd. ....	11425 Cherrier St. S., Montreal
Mercil & Frère .....	27, rue St-Georges, Fort Chambly
Mercury Tool & Die Work .....	259 St. Catherine E., Montreal
Metalworks Ltd. ....	425 River St., Verdun, Montreal
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
Oxwall Tool Co. Ltd. ....	80 Beaumont Ave., Montreal
Pal Blade Corp., Ltd. ....	6263 Notre Dame St. E., Montreal
Precision Steel Rule Dies Ltd. ....	7192 Grand St., Montreal
Quebec Metal Works Inc. ....	St-Telesphore
Rapid Bit Co. ....	5236 Angers St., Montreal
Raymond Manufacturing Co. Ltd. ....	1000 Sherbrooke St., Lachine
Richard, A., Ltée. ....	11 Jacques Cartier, Berthierville
Rousseau Metal Inc. ....	St-Jean Port Joli, Co. de L'Islet
Ruskin Tool & Die Works Inc. ....	3815 Ruskin St., Ville St. Michel
Sido Limited .....	555 boul. Boivin, Granby
Simonds Canada Saw Co. Limited .....	595 St. Rémi St., Montreal
Stanley Tool Co. of Canada, Limited .....	Roxton Pond
Steel Company of Canada, Limited .....	2320 Notre Dame St. W., Montreal
Steel Rule Dies, Reg'd. ....	724 St. James St. W., Montreal
St. Lawrence Forge Co. Ltd. ....	320 Dube St., Montreal East

## List of Firms in the Hardware, Tools and Cutlery Industry, 1953 - Continued

Name	Address
<b>Quebec - concluded:</b>	
✓ Stowell Screw Co., Ltd. ....	216 St. Laurent St., Longueil
Threepoint Products .....	15 Ontario St. W., Montreal
Tole Gaufrée "Idéale" Enrg. ....	1500 Laframboise St., St. Hyacinthe
Triplex Engineering Co. Ltd. ....	1801 Favard St., Montreal
Union Twist Drill Co. ....	Rock Island
Unique Sash Balance Co. Ltd. ....	4070 Namur St., Montreal
Universal Die & Tool Mfg. Limited .....	2125 East St. Catherine St., Montreal
Universa Products Reg'd. ....	95, rue du Manège, Beauport
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
<b>Ontario:</b>	
Ace Tool & Mfg. Co. ....	1287 Windsor Ave., Windsor
Advance Metal Industries Ltd. ....	133 Dundas St., Kitchener
Advance Wire Die Ltd. ....	81 Carling St., London
Ajax Precision Mfg. Co., Ltd. ....	390 Weston Rd., Toronto
Amalgamated Tool & Die Company .....	380 King St. E., Toronto
Amerock Cabinet Hardware Ltd. ....	Meaford
Animal Trap Co. of America .....	Ellen Ave., Niagara Falls
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
✓ Automatic Screw Machine Products Limited .....	1171 Queen St. E., Toronto
B.K. Tool and Die Company .....	22 Metcalfe St., St. Thomas
Belleville Lock Company Limited .....	270 Pinnacle St., Belleville
Bertram, John, & Sons Co. Ltd. ....	Hatt St., Dundas
Beswick Tool & Die .....	1701 Shepherd St. E., Windsor
Bolton Die Company .....	3245 Byng Rd., Windsor
Bomba Manufacturing Co. Ltd. ....	21 Jarvis St., Toronto
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
Bryant Pattern & Mfg. Co. Ltd. ....	469 East Shepherd St., Windsor
Brydon Brass Mfg. Co. Ltd. ....	927 Sufferin St., Toronto
Budd Machine Tool Co. ....	825 Tecumseh Blvd. W., Windsor
Burns Manufacturing Co. Ltd. ....	1700 Lewis Ave., Niagara Falls
Burrell-Gardner Tool Co. Ltd. ....	542 Brant St., 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 Chain Belt Limited .....	1181 Sheppard Ave. E., Willowdale
Canadian Desmond-Stephen Mfg. Co. Ltd. ....	252 Gibson Ave. N., Hamilton
Canadian Engineering & Tool Company Limited .....	920 Mercer St., Windsor
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 Scissors & Cutlery Co. Ltd. ....	510 King St. E., Toronto
Canadian Steel Moulds .....	43 Raleigh Ave., Toronto
Canadian Warren-Pink Limited .....	Ontario & Carlton Sts., St. Catharines
Carbide Tool Company Ltd. ....	159 Lansdowne Ave., Toronto 9
Carpenter Tool & Die Co. ....	474 Burlington St. E., Hamilton
Champ Tools .....	79 Elgin St. N., Galt
Chapat Engineering & Sales Co. Ltd. ....	25 Sawyer Rd., Hamilton
Charlton, J.J., Co. Ltd. ....	33 Sheppard Ave. W., Toronto
Clark Caster Company Limited .....	41 Lippincott St., Weston
College Tool and Die Works .....	88 Ossington Ave., Toronto
Collison-Goll Limited .....	971 Weston Rd., Toronto
Colonial Tool Company Limited .....	1691 Walker Rd., Windsor
Corbin Lock Company of Canada, Limited .....	180 Coleman Ave., Belleville
Coulter Manufacturing Company Limited .....	30 Richmond St. W., Oshawa
Craig Bit Company, Limited .....	180-9th St., North Bay
Crescent Cutting Tools Ltd. ....	938 Erie St. E., Windsor
Dafew Tool Co. ....	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

## List of Firms in the Hardware, Tools and Cutlery Industry, 1953 - Continued

Name	Address
<b>Ontario - continued:</b>	
Lillon Mfg. Co. ....	82 Ontario St. W., Toronto
Disston, Henry, & Sons, Limited .....	2 Fraser Ave., Toronto
Do All Company of Canada Ltd., The .....	35 Clarkson Ave., Toronto 10
Dominion Screw Company, Limited .....	335 Weston Rd. S., Toronto
Dominion Twist Drill, Limited .....	1800 Assumption St., Walkerville
Draper Mfg. Co. of Canada, Ltd. ....	Petrolia St., Petrolia
Dreher, J., Estate .....	177 Moore Ave., Waterloo
Dyer & Kerst, Limited .....	63 Duchess St., Toronto
Economy Die Makers .....	122 Front St. E., Toronto
Elan Tool & Die Ltd. ....	39 King St. E., Chatham
"El-Mech" Tools Ltd. ....	569 Southworth St., Welland
Emmons Tool & Die Co. Ltd. ....	976 Pape Ave., Toronto
E. T. F. Tools Limited .....	21 Woodburn Ave., St. Catharines
F. B. Tool and Die Ltd. ....	237 Vine St. N., St. Catharines
F. D. R. Tool and Machine Co. ....	Concession Rd. N., Preston
Fearnehough, W., Canada, Ltd. ....	St. Lawrence Ave., Queensway, Toronto
Firth Brown Tools, Canada, Ltd. ....	162 Samuelson St., Galt
Fisher Gauge Works, Limited .....	194 Sophia St., Peterborough
Flaherty Manufacturing Co. Ltd. ....	76-78 Wellington St. N., Hamilton
Fort Malden Enterprise .....	Amherstburg
Frank Tool & Die Co. ....	Graham's Lane, Burlington
Fraser Tool & Engineering Co. ....	Galt
Galt Metal Products Co. ....	161 Samuelson St., Galt
Galt Knife Company Limited .....	99 State St., Galt
Galt Tool Engineering Company Limited .....	Bella St., Hespeler
Gardiner Machine & Tool Ltd. ....	288A Adelaide St. W., Toronto
Gillam Components Co. ....	144 Eastern Ave., 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
Greenfield Tap and Die Corp. of Canada Ltd. ....	27 York Place, Galt
Guelph Spring & Axle Co. Ltd. ....	24 Wellington St., Guelph
Hahn Brass Company, Ltd., The .....	Waterloo St., New Hamburg
Hanna-Beck Industries Ltd. ....	825 Tecumseh Rd. W., Windsor
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
Ili Grade Die & Tool Co. Ltd. ....	Box 563, R.R. No. 1, Welland
H. & J. Precision Industries .....	River Road S., Peterborough
Hollymade Hardware Mfg. Co. ....	22 Ripley Ave., Toronto
Ilusky Mfg. & Tool Works (Ontario) Ltd. ....	5870 Yonge St., Newtonbrook
International Engineering Co. ....	239 Sumach St., Toronto
International Tools Ltd. ....	875 Tecumseh Blvd. E., Windsor
Irwin-Bender Tool Co. ....	1A Howard Park Ave., Toronto
Jackson Metal Industries Ltd. ....	Frid St., Hamilton
James Bros. Hardware Ltd. ....	Foster St., Perth
Jardine, A. B., & Co., Limited .....	Guelph Ave., Hespeler
Jay & Cee Metal Products .....	575 Pierre Ave., Windsor
J. & J. Tool & Mold Company .....	1195 Westcott Rd., Windsor
Jobborn Manufacturing Ltd. ....	11 Brock St. E., Hamilton
Jones Shovel Company Limited .....	King St., Gananoque
Kendan Mfg. Co. ....	2918 Walker Rd., Windsor
Kennametal Tools & Manufacturing Co., Limited .....	371 Sherman Ave. N., Hamilton
Kennatrack Ltd. ....	104 Jarvis St., Toronto
Kistner Tool Engineering Co. ....	Preston
Lacelle Tool & Die Works .....	336S Dufferin St., Park Rd. P.O., Toronto
Ladore & Company Ltd. ....	354 Chilver Rd., Walkerville
Lakeshore Precision Gauge Works Limited .....	100 Niagara St., Toronto
Larsen & Shaw Limited .....	Peter and Scott Sts., Walkerton
Law & Anderson Limited .....	1801 S. Cameron Blvd., Windsor
Leadercraft Ltd. ....	2091 Dufferin St., Toronto
Legge, G. H., Tool Engineering .....	60 Pollock St., Galt
Levene Die Company Limited .....	161 Ottawa St., Kitchener
Lewis & Ireland .....	263 Davenport Rd., Toronto
Little Metal Products .....	1184 Queen St., Preston
Lord, W., Metal Turning Co. ....	1351 Meredith Ave., Lakeview
Lufkin Rule Co. of Canada Ltd., The .....	164 Innisfil St., Barrie
Machine Specialties .....	1360 Danforth Ave., Toronto
Mall Tool Ltd. ....	94 Gordon St., Guelph
Mallett Machine & Tool Works .....	103 Walnut Ave., Toronto
Mallory Hardware Products Ltd. ....	Elenheim
Maple Leaf Tool & Die Co. ....	40 Wellington Ave., Oshawa
Marples & Tough Ltd. ....	1351 Dundas St. W., Toronto

## List of Firms in the Hardware, Tools and Cutlery Industry, 1953 - Continued

Name	Address
<b>Ontario - continued:</b>	
Martin Brothers .....	St. Jacobs
Marton Mfg. Co. ....	273 Sandwich St. W., Windsor
Matthew-Wylie (Canada) Ltd. ....	17 Regent Rd., Winston Park
Metalair Products .....	57 Sylvan Ave., Toronto
Modern Caster Co. ....	4652 Yonge St., Willowdale
Moeller Mfg. Co. (Canada) Ltd. ....	709 Queen St., Niagara Falls
Monarch Master Manufacturing .....	1630 Dundas St. W., Toronto
Mouldmakers & Engravers Ltd. ....	738 Dundas St. W., Toronto
Morch Manufacturing Ltd. ....	11 Water St., Belleville
✓Morrow Screw & Nut Co. Ltd. ....	Thames St., Ingersoll
National Cutlery, Limited .....	1463 Davenport Road, Toronto
National Hardware Specialties Ltd. ....	Dresden
National Socket Screw Mfg. Co. ....	Beamsville
National Tool Distributors Ltd. ....	10 Oxford St., Galt
Nicholson File Co. ....	Cavan St., Port Hope
Nickleson Tool & Die Co. Ltd. ....	1562 Windsor Ave., Windsor
Oliver, A.H., Machinery Co. ....	177-179 Cedar St. E., Orillia
Ontario Die Company Limited .....	119 Roger St., Waterloo
Onward Mfg. Co. Limited .....	1027 King St. E., Kitchener
Oregon Saw Chain Ltd. ....	31 Hayes Ave., Guelph
Owen Sound Die & Engineering .....	1515-2nd Ave. E., Owen Sound
Oxford Precision Products Ltd. ....	Dundas St. E., Woodstock
Palcoseel Mfg. Co. Ltd. ....	119 Montreal Road, Cornwall
Parmatic Engineering Limited .....	21 Windsor St., Mimico
Parmenter & Bulloch Mfg. Co., Limited .....	Clarence St., Gananoque
Peerless Engineering Ltd. ....	132 Brandon Ave., Toronto
Peerless Tool & Mould Co. ....	2566 Dougall Rd., Windsor
Perfect Cutting Tools Ltd. ....	7100 Tecumseh Rd. E., Windsor
Peterboro Lock Mfg. Co. Ltd. ....	198 Simcoe St., Peterborough
Power, C.J., & Co. ....	729 Caron Ave., Windsor
Precision Machine Co. ....	1620 Barton St. E., Hamilton
Precision Tape & Rule Company Ltd. ....	2598 Dougall Ave., Windsor
Precision Tool Works, Limited .....	3555 Danforth Ave., Toronto
Preston-Noelting, Ltd. ....	163 King St., Stratford
Progressive Tool & Stamping Co. ....	755 Dundas St. E., Toronto
Proto Tools of Canada Ltd. ....	Oxford St. E., London
Rae Tool & Engineering Limited .....	65 Shaw St., Hamilton
Ramset Fasteners Ltd. ....	11-15 LaPlante Ave., Toronto
Redgrave, V.C., Ltd. ....	West Dunlop Drive, St. Catharines
R. & G. Engineering .....	22 Ripley Ave., Swansea
Reliable Tool and Mfg. Co. ....	Ormond St., Thorold
Reliance Tool & Die Castings Co. ....	81 Gordon St., Brantford
Rhode, Geo. R., & Co. ....	342 Percy St., North Bay
Richards-Wilcox Canadian Co. Ltd. ....	Terrace St., London
Roberts & Deacon Saw Co. ....	172 Princess St., Hamilton
✓Robertson, P.L., Mfg. Co. Ltd. ....	Bronte St., Milton
Salco Corporation Ltd. ....	88 Fourteenth St., New Toronto
Sands Tool Ltd. ....	35 Carlaw Ave., Toronto
Sang Manufacturing of Canada Ltd. ....	955 Assumption, Windsor
Schick (Canada) Ltd. ....	437-493 Adelaide St. W., Toronto
Seco Tool Co. Limited .....	90 Sherbourne St., Toronto
Shanfield Industries Limited .....	42 Park Lawn Road, Toronto
Sherwin, Taylor, Tool and Die Co. ....	269 Niagara Blvd., Fort Erie
Shimer Cutter Head Co. of Canada, Limited .....	20 Hobson St., Galt
Shurly-Dietrich-Atkins Company, Limited .....	17 Glebe St., Galt
Simpson, A.G., Co. Ltd. ....	Box 100, Station II, Toronto
Skillcraft Ltd. ....	2-4 Bond St., St. Catharines
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 .....	Gerrard 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; and Toronto (Swansea)
Steel Master Tool Company Ltd. ....	1005 Walker Rd., Windsor
Stewart Warner Corporation of Canada Limited .....	McDonald Ave., Belleville
Stratford Brass Company Ltd. ....	Erie & Gore Sts., Stratford
Sunnen Products Company Limited .....	23 Grand Avenue E., Chatham
Superior Machine & Tool Co. ....	285 Inshes Ave., Chatham
Superior Tool & Die Ltd. ....	75 Jarvis St., Toronto
Taylor Bros. Cutlery Co. Ltd. ....	9 McNab St. N., Hamilton
Taylor Die & Tool Mfg. Co. Ltd. ....	625 Princess St., London
Taylor, J.A.M., Tool Co. Limited .....	59 Queen St., Galt



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## List of Firms in the Hardware, Tools and Cutlery Industry, 1953 - Concluded

Name	Address
<b>Ontario - concluded:</b>	
Thermos Bottle Company Limited .....	2040 Eglinton Ave. E., Toronto
Thomson (Canada) Rivet Co. Ltd. ....	4th St. & Victoria Ave., Gananogue
Tools and Hardware Ltd. ....	112 Peter St. S., Orillia
Toronto Die Company .....	780 King St. W., Toronto
Toronto Lock Manufacturing Co. Limited .....	Paterson Place, Toronto
Toronto Screw Machine Products Ltd. ....	1953 Gerrard St. E., Toronto
Toronto Tool & Stamping Co. ....	1311 Queen St. E., Toronto
Triangle Die & Tool Co. Ltd. ....	Thorold
Unior Tool & Die Works .....	166 Dalhousie St., Ottawa
Vanstone, E.G., and Son Ltd. ....	126 Atlantic Ave., Toronto
Vascarb Tool & Die Company .....	105 Market St., Hamilton
Vectis Metal Industries Ltd. ....	41 Kipling St. S., Toronto
Venco Metals Limited .....	347 Church St., Mimico
Victoria Engineering Company .....	347 Church St., Mimico
Viking Engine & Tool Company Limited .....	310 Bartlett Ave., Toronto
Wahl Mfg. Co. of Canada .....	720 Bathurst St., Toronto
Walker Machine Shop .....	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
Weston Machine & Tool Limited .....	179 Main St. N., Weston
Waterloo Metal Stampings .....	3 Regina St. N., Waterloo
Welland Vale Mfg. Co. Ltd. ....	St. Catharines, Tillsonburg and Hamilton
Wentworth Mould & Die Co. Ltd. ....	93 Cannon St. W. (rear), Hamilton
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 .....	50 Main St. S., Weston
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
Yale & Towne Mfg. Co. Ltd. ....	Yale Crescent, St. Catharines
Young, G.R., Screw Machine Products Limited .....	29 Edgar Ave., Weston
Zettel Mfg. ....	170 Borden Ave. S., Kitchener
<b>Manitoba:</b>	
Card Bros. Mfg. Co. ....	1399 Erin St., Winnipeg
Hargrave Industries .....	180 Hargrave 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
Steelman Industries Limited .....	587 Erin St., Winnipeg
<b>Alberta:</b>	
Barnard Tool & Die Works .....	512 - 15th Ave. W., Calgary
Carmel Tool Co. ....	11138 - 96th St., Edmonton
Harband Machine & Vise Works .....	Athabasca
Smit-Connors, J.K., Ltd. ....	5406 - 43 St., Red Deer
Stamco Specialty Tool & Mfg. Co. Ltd. ....	10012 - 106th Ave., Edmonton
<b>British Columbia:</b>	
Balmer Bros. ....	828 Powell St., Vancouver
B.C. Diesel Service Engineers Ltd. ....	630 Cardero St., Vancouver
Cascade Saw & Tool Co. Ltd. ....	314 Columbia St. E., New Westminster
Dunn's Sharp Edge Service .....	112 Main St., Vancouver
Golightly Machine Works Limited .....	1820 - 5th 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
Pacific Bolt Manufacturing Co. Ltd. ....	Granville Island, 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
Viking Manufacturing Co. Ltd. ....	1671 East Hastings St., Vancouver
Weiser Lock Company of Canada Ltd. ....	1505 W. 4th Ave., Vancouver