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THE HARDWARE, TOOLS AND CUTLERY INDUSTRY

1954



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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 - Textile Mills
- VIII - Knitting Mills
- 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¢
- 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

1954

Factory shipments in 1954 by establishments in the Hardware, Tools and Cutlery Industry in Canada amounted to \$118,483,115, a decline of 6.9 per cent from the \$127,309,572 reported in 1953.

A total of 379 plants, which were occupied chiefly in the manufacture of hardware, cutlery, hand tools and related products, were classified to this industry. Of these, 271 factories were located in Ontario, 79 in Quebec, 18 in British Columbia, 4 in Manitoba, 4 in Alberta, 2 in Nova Scotia and 1 in New Brunswick. These concerns gave employment to a total of 13,624 people who were paid \$42,207,529 in

salaries and wages. Materials used in manufacturing processes cost \$40,147,473 and expenditures for fuel and electricity amounted to \$1,843,959.

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.

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, information not previously available on the value of year-end inventory holdings at plant and plant warehouses was taken into account in calculating the "value added" figure.

TABLE 1. Principal Statistics of the Hardware, Tools and Cutlery Industry, Significant Years 1929-1954, and by Provinces, 1953 and 1954

Year and province	Estab-	Em-	Earnings	Cost of	Cost at	Value added	Gross selling
	lish-			fuel and	plant of		
	ments	ployees		electricity	materials	by	factory
	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
1950	291	12,513	29,840,967	1,513,106	28,461,423	59,020,055	88,994,584
1951	297	14,289	39,480,334	1,719,245	39,022,361	75,716,095	116,457,701
1952	339	14,350	43,664,871	1,830,032	40,353,012	81,558,005	123,741,049
1953							
Nova Scotia	2	3,390	10,204,964	372,988	9,711,324	19,113,686	29,197,998
Quebec	75						
Ontario	247	10,516	34,253,868	1,313,807	28,764,497	62,725,742	92,804,046
Manitoba	6	36	94,888	6,419	60,015	138,420	204,854
Alberta	5	23	54,595	2,432	21,462	86,663	110,557
British Columbia	16	457	1,331,030	69,850	2,214,154	2,708,113	4,992,117
Canada	351	14,422	43,939,345	1,765,496	40,771,452	84,772,624	127,309,572
1954							
Nova Scotia	2	52	94,850	9,412	136,905	238,504	401,226
New Brunswick	1						
Quebec	79	2,902	8,221,371	380,245	8,778,882	17,949,645	26,992,698
Ontario	271	9,702	32,468,971	1,365,524	28,622,870	55,772,851	85,046,885
Manitoba	4	33	80,760	5,750	52,510	126,435	184,695
Alberta	4	29	75,353	3,835	71,016	113,944	188,627
British Columbia	18	546	1,266,224	79,193	2,485,290	3,070,176	5,668,984
Canada	379	13,264	42,207,529	1,843,959	40,147,473	77,271,555	118,483,115

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.

1. See footnote to text.

IRON AND STEEL PRODUCTS

TABLE 2. Inventories¹, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	2,866,543	1,784,098	2,220,117	6,870,758
Ontario	8,879,406	5,502,385	7,288,099	21,669,890
British Columbia	546,624	400,864	416,942	1,364,430
Other provinces	80,437	3,616	80,534	164,587
Canada	12,373,010	7,690,963	10,005,692	30,069,665
Closing:				
Quebec	2,432,697	1,582,781	2,336,191	6,351,669
Ontario	7,836,184	5,319,004	8,002,459	21,157,647
British Columbia	432,387	342,615	382,617	1,157,619
Other provinces	52,724	2,987	64,297	120,008
Canada	10,753,992	7,247,387	10,785,564	28,786,943

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.

TABLE 3. Products Made in the Hardware, Tools and Cutlery Industry,
1953 and 1954

Item	1953		1954	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	\$		\$	
Safety razors and blades, steel table cutlery, scissors, army knives, etc.	—	5,098,919	—	5,045,968
Hardware:				
Automobile	—	3,095,670	—	2,814,989
Builders' and shelf	—	14,832,405	—	16,689,994
Furniture and cabinet	—	3,085,773	—	3,355,585
Harness and saddlery	—	240,003	—	205,174
Trunk and suitcase	—	485,098	—	492,102
Other hardware	—	4,071,456	—	2,618,158
Hand implements:				
Axes and hatchets	No. 493,839	815,027	456,294	761,515
Canthooks, peavies and pikepoles	—	368,354	—	470,581
Forks	No. 310,344	458,661	301,551	422,065
Hoes	" 242,928	256,350	225,552	226,054
Rakes	" 299,460	310,080	254,604	245,080
Spades and shovels	" 884,844	1,372,029	754,308	1,133,053
Other hand implements	—	234,697	—	208,697
Tungsten carbide products:				
Tools, including masonry drills	—	2,279,004	—	1,253,155
Dies	—	496,795	—	328,345
Other products (tips or blanks and rock drill bits)	—	2,259,346	—	2,837,570
Tools, hand and small ¹ :				
Automotive tools (hand and power-driven)	—	1,418,640	—	728,331
Carpenters' and mechanics', including files	—	6,248,898	—	5,774,012
Jigs and fixtures	—	2,184,648	—	1,994,207
Machine knives	—	1,446,002	—	1,559,999
Drills, taps, bits, reamers, punches and threading dies (including screw plates)	—	5,231,260	—	3,604,886
Milling cutters	—	1,549,607	—	1,020,653
Other tools	—	6,747,139	—	5,586,647

TABLE 3. Products Made in the Hardware, Tools and Cutlery Industry, 1953 and 1954 — Concluded

Item	1953		1954	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
Miscellaneous:		\$		\$
Bolts, nuts, rivets, washers, screws and allied products	—	24,542,608	—	19,015,512
Casters, other than glass	—	1,359,946	—	1,307,967
Castings, iron	tons 315	74,031	—	51,078
Dies for drawing, cutting or stamping ¹	—	3,893,351	—	4,854,733
Saws, metal-cutting, including circular, band and hacksaw blades (hand and power)	—	1,608,948	—	1,498,503
Saws, wood-cutting, and parts (see Table 6)	—	5,804,167	—	5,344,812
Received from custom and repair work	—	1,632,355	—	2,453,653
All other products	—	23,808,305	—	24,580,037
Total	—	127,309,572	—	118,483,115

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, 1953 and 1954

Material	1953		1954	
	Quantity	Cost at works	Quantity	Cost at works
Iron and steel:		\$		\$
Pig iron	tons 1,581	93,185	1,695	96,720
Bars and rods	" 44,826	5,507,077	30,302	3,797,836
Plates	" 2,831	436,023	2,257	313,909
Sheets -- Plain	" 13,083	1,658,830	11,988	1,539,662
Galvanized	" 376	71,102	705	113,564
Tin plate	" 92	15,752	19	3,627
Strip	" 8,544	1,528,753	6,952	1,268,012
Structural shapes	" 1,708	202,243	1,295	152,247
Wire	" 20,855	3,282,180	14,278	2,298,788
Alloy steel:				
Stainless:				
Billets, bars and rods	—	101,774	—	168,142
Other stainless	—	281,636	—	353,778
Other alloy and tool steel (including carbon, alloy and high-speed steels):				
Billets, bars and rods	—	3,193,563	—	2,755,504
Other	—	1,476,054	—	1,423,369
Scrap iron and steel:				
Purchased	tons 622	17,032	612	15,065
Own make	" 62	2,075	24	720
All other iron and steel	—	2,556,316	—	2,362,150
Non-ferrous metals:				
Aluminum:				
Castings	lb. 63,344	37,675	92,073	51,348
Sheet	" 379,964	159,465	834,505	365,463
Other forms	" 1,667,156	602,505	3,029,998	1,254,392
Bronze and brass	" 5,688,533	1,959,891	4,167,189	1,657,103
Copper:				
Sheet	lb. 6,886	3,234	48,078	26,736
Wire	" 156,019	60,391	140,891	61,669
Other forms	" 221,749	77,812	152,960	57,772
Lead	" 283,151	51,415	354,799	65,994
Nickel	" 30,960	27,341	19,980	17,000
Tin	" 3,224	3,413	3,435	3,647
Zinc	" 584,058	103,717	1,575,150	218,183
Other non-ferrous	—	278,182	—	321,969
Other materials:				
Handles	—	674,942	—	771,600
Paints, oils and varnishes	—	172,799	—	170,627
Lumber	M ft. b.m. 1,922	205,077	2,277	247,576
Shipping containers	—	1,051,226	—	1,069,374
Other materials	—	14,878,772	—	17,123,927
Total	—	40,771,452	—	40,147,473

TABLE 5. Factory Shipments of Hardware, 1953 and 1954 (From all Industries)

	Selling value at works	
	1953	1954
	\$	\$
Builders' and shelf	15,244,000	17,000,000
Harness and saddlery	243,000	208,000
Pole line (except insulators)	8,169,000	8,065,000
Automobile	6,804,000	7,220,000
Furniture and cabinet	3,181,000	3,447,000
Trunk and suitcase	485,000	492,000
Other	4,488,000	2,924,000
Total	38,614,000	39,356,000

TABLE 6. Factory Shipments of Wood-Cutting Saws, 1953 and 1954 (From all Industries)

	Selling value at works	
	1953	1954
	\$	\$
Power saws:		
Circular	1,382,000	1,314,000
Band	561,000	609,000
Drag and gang	48,000	63,000
Crosscut saws	149,000	175,000
Webb saws	181,000	180,000
Hand-saws	682,000	617,000
Parts for above, including saw-teeth	1,055,000	1,089,000
Power chain saws	3,191,000 ¹	2,460,000 ¹
Parts for power chain saws	878,000	1,937,000
Total	8,127,000	8,444,000

1. Represents the value of 21,893 units in 1953 and 14,721 units in 1954.

TABLE 7. Factory Shipments of Axes and Hatchets, 1945 - 1954 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
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
1949	621,012	746,752	1954	456,000	762,000

TABLE 8. Factory Shipments of Spades and Shovels, 1945 - 1954 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
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
1949	1,033,124	1,229,346	1954	871,000	1,255,000

TABLE 9. Factory Shipments of Forks, Rakes, Hoes and Peavies, 1945 - 1954 (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	
		\$		\$		\$	\$
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
1954	302,000	422,000	255,000	245,000	226,000	226,000	506,000

TABLE 10. Total Production and Factory Shipments of Nails, Tacks, and Staples, 1950-1954
(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
1950				
Quantity made		36,848	1,724,546	2,620,169
Quantity sold		35,382	1,726,156	3,343,778
Value of sales	\$	274,374	12,136,218	707,167
1951				
Quantity made		35,446	1,865,176	2,958,954
Quantity sold		34,992	1,818,884	2,770,333
Value of sales	\$	309,034	14,107,066	654,704
1952				
Quantity made		32,013	1,655,192	2,484,742
Quantity sold		29,969	1,587,817	2,647,348
Value of sales	\$	285,632	12,682,307	679,437
1953				
Quantity made		30,943	1,437,831	2,307,388
Quantity sold		29,095	1,421,540	2,506,781
Value of sales	\$	292,028	12,112,524	851,609
1954				
Quantity made		32,459	1,598,143	1,921,431
Quantity sold		28,124	1,505,837	2,051,754
Value of sales	\$	279,849	12,124,580	601,554

Note: 1 keg = 100 pounds.

IRON AND STEEL PRODUCTS

TABLE 11. Factory Shipments of Small Tools¹ 1953 and 1954 (From all Industries)

	Selling value at works	
	1953	1954
	\$	\$
Carpenters' and mechanics', including files	6,249,000	5,774,000
Machine knives.....	1,446,000	1,560,000
Drills, taps, bits, reamers, punches and threading dies (including screw-plates)	5,231,000	3,605,000
Milling cutters.....	1,550,000	1,021,000
Gauges (plug, ring, snap, thread, etc.)	689,000	803,000
Other tools, jigs and fixtures.....	13,897,000	11,227,000
Total.....	29,062,000	23,990,000

1. Does not include pneumatic or electric tools.

TABLE 12. Production² of Miscellaneous Steel Cutlery¹, 1945-1954 (From all Industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
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
1949	1,663,000	1954	2,308,000

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, 1949-1954 (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
1954	1	174,308,000	3,589,000

1. Not collected after 1951.

TABLE 14. Principal Statistics, Classified According to Type of Ownership, 1953 and 1954

Type	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Individual ownership	69	376	990, 329	590, 983	2, 324, 321
Partnerships	34	293	867, 365	503, 487	2, 107, 363
Incorporated companies	248	13, 753	44, 081, 651	39, 676, 982	122, 877, 888
Total	351	14, 422	45, 939, 345	40, 771, 452	127, 309, 572
1954					
Individual ownership	78	396	988, 710	612, 053	2, 294, 172
Partnerships	42	285	803, 301	412, 278	1, 735, 602
Incorporated companies	259	12, 583	40, 415, 518	39, 123, 142	114, 453, 341
Total	379	13, 264	42, 207, 529	40, 147, 473	118, 483, 115

TABLE 15. Principal Statistics of the Hardware, Tools and Cutlery Industry in Canada, Grouped According to Size of Establishment, 1953 and 1954

Establishments reporting value of factory shipments	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$10,000	22	33	53, 124	29, 892	119, 581
\$10,000 to \$24,999	47	179	439, 207	181, 546	830, 324
\$25,000 to \$49,999	58	400	1, 041, 148	496, 363	2, 086, 797
\$50,000 to \$99,999	55	630	1, 833, 071	921, 660	3, 868, 548
\$100,000 to \$199,999	51	889	2, 724, 690	2, 229, 657	7, 092, 601
\$200,000 to \$499,999	56	2, 347	7, 017, 925	5, 162, 785	18, 196, 945
\$500,000 to \$999,999	25	1, 607	5, 270, 491	5, 883, 396	15, 763, 011
\$1,000,000 to \$4,999,999	35	8, 315	27, 468, 598	25, 866, 152	79, 351, 765
\$5,000,000 and over	2	22	91, 091	—	—
Head offices	—				
Total	351	14, 422	45, 939, 345	40, 771, 452	127, 309, 572
1954					
Under \$10,000	34	54	76, 712	40, 461	158, 816
\$10,000 to \$24,999	48	158	371, 200	201, 739	794, 195
\$25,000 to \$49,999	61	404	1, 105, 014	482, 499	2, 248, 029
\$50,000 to \$99,999	69	827	2, 343, 785	1, 394, 804	4, 859, 529
\$100,000 to \$199,999	44	793	2, 655, 811	1, 825, 917	6, 266, 173
\$200,000 to \$499,999	67	2, 686	8, 538, 934	7, 016, 696	21, 696, 278
\$500,000 to \$999,999	23	1, 851	6, 147, 281	5, 479, 158	16, 529, 654
\$1,000,000 to \$4,999,999	32	6, 475	20, 901, 371	23, 706, 199	65, 930, 441
\$5,000,000 and over	1				
Head offices	—	16	67, 421	—	—
Total	379	13, 264	42, 207, 529	40, 147, 473	118, 483, 115

IRON AND STEEL PRODUCTS

TABLE 16. Employees and Their Earnings in the Hardware, Tools and Cutlery Industry, by Provinces, 1953 and 1954

Province	Number of employees				Earnings			
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	
	Male	Female	Male	Female			Total	
1953					\$	\$	\$	
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
Canada.....	2,022	1,016	9,771	1,613	14,422	11,871,462	34,067,883	45,939,345
1954								
Quebec.....	449	197	1,893	363	2,902	2,467,869	5,753,502	8,221,371
Ontario.....	1,405	682	6,589.	1,026	9,702	8,748,604	23,720,367	32,468,971
British Columbia	121	40	316	69	546	432,304	833,920	1,266,224
Other provinces	21	6	81	6	114	61,695	189,268	250,963
Canada.....	1,996	925	8,879	1,464	13,264	11,710,472	30,497,057	42,207,529

TABLE 17. Production Workers, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
Number						
January	9,821	1,540	11,361	9,261	1,554	10,815
February	9,826	1,588	11,414	9,175	1,571	10,746
March	9,806	1,591	11,397	9,106	1,581	10,687
April.....	9,775	1,612	11,387	9,010	1,487	10,497
May	9,652	1,607	11,259	8,882	1,430	10,312
June	9,720	1,600	11,320	8,699	1,414	10,113
July	9,690	1,588	11,278	8,751	1,412	10,163
August	9,663	1,600	11,263	8,637	1,359	9,996
September	9,726	1,646	11,372	8,684	1,419	10,103
October	9,872	1,698	11,570	8,722	1,454	10,176
November	9,857	1,694	11,551	8,726	1,453	10,179
December	9,811	1,610	11,421	8,671	1,405	10,076
Average	9,771	1,613	11,384	8,879	1,464	10,343

TABLE 18. Capital and Repair Expenditures in the Hardware, Tools and Cutlery Industry, 1950-1954

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							
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	3,210	4,014	7,224	611	2,391	3,002	10,226
1954 ¹	2,909	4,584	7,493	542	2,138	2,680	10,173

1. Preliminary.

TABLE 19. Imports of Specified Items of Hardware, Tools and Cutlery, 1953 and 1954

Item		1953		1954	
		Quantity	Value	Quantity	Value
Forks, pronged	doz.	6,202	\$ 66,485	8,387	68,399
Rakes, n.o.p.	"	19,997	113,369	23,543	129,381
Scythes	"	6,277	70,616	4,210	55,891
Sickles or reaping-hooks	"	7,394	39,858	3,168	17,646
Hoes	"	2,277	25,526	3,381	32,285
Post hole diggers and parts	No.	3,643	141,078	3,847	84,524
Spades and shovels, of iron or steel, n.o.p.	doz.	10,146	118,480	10,378	129,519
Knives and forks, table, of steel, n.o.p.	-	-	775,506	-	851,340
Pen-knives, jack-knives and pocket-knives of all kinds	-	-	571,582	-	424,270
Razors, n.o.p., and parts	-	-	185,167	-	162,498
Safety razor blades	doz.	2,710,274	150,985	2,943,788	169,608
Scissors and shears, n.o.p.	-	-	1,021,116	-	967,667
Knives, butcher and kitchen	-	-	640,577	-	514,846
All other knives, n.o.p.	-	-	341,365	-	343,496
Spoons	-	-	190,087	-	202,639
Hinges and butts, of iron or steel, coated or not; hinge and butt blanks, of iron or steel	lb.	1,632,748	631,442	2,061,266	749,104
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.	16,064,035	4,804,236	13,784,960	4,761,609
Machine and other screws, n.o.p., of iron or steel	-	-	2,098,954	-	1,879,752
Wood screws of iron or steel	-	-	199,498	-	243,179
Fish-hooks for deep sea or lake fishing, not smaller in size than No. 2.0, not for sportsmen's purposes	-	-	88,022	-	84,094
Hardware, viz: - builders', cabinet makers', upholsterers', and carriage hardware, n.o.p.	-	-	2,096,288	-	2,273,309
Locks, n.o.p.	-	-	347,283	-	430,396
Skates of all kinds, roller or other, and parts thereof	pairs	65,671	149,646	82,144	171,748
Anvils and vises	-	-	374,075	-	343,972
Augers, bits and drills	-	-	2,755,847	-	2,039,676
Axes	doz.	4,804	56,243	6,024	71,104
Files, manicure	-	-	31,659	-	33,003
Files, n.o.p., and rasps	doz.	115,310	468,046	88,939	391,847
Hacksaw blades	-	-	189,678	-	173,503
Saws, n.o.p.	-	-	944,384	-	700,801
Wrenches	-	-	2,515,311	-	2,118,160
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	-	-	1,573,800	-	1,462,080
Engineers', surveyors', draftsmen's, machinists' or metal-workers' precision tools and measuring instruments, and parts, as enumerated in tariff items 431c and 431d	-	-	6,390,567	-	5,329,518
Tools for use in machines	-	-	7,860,339	-	4,779,111
Tools, n.o.p.	-	-	7,843,938	-	6,155,758

TABLE 20. Exports of Specified Items of Hardware, Tools and Cutlery, 1953 and 1954

Item	1953		1954	
	Quantity	Value	Quantity	Value
Garden and farm tools	—	\$ 48,688	—	69,107
Spades and shovels, and parts	doz.	3,126	321	6,238
Razors and razor blade's of all kinds	—	140,369	—	2,124
Cutlery, n.o.p., not plated	—	6,391	—	4,380
Bolts and nuts of iron and steel	cwt.	2,953	1,759	37,368
Locks of iron or steel	—	14,716	—	4,351
Screws of iron and steel	—	5,197	—	4,741
Ice skates	pairs	63,489	118,560	261,051
Hardware, n.o.p.	—	476,492	—	309,258
Axes	doz.	1,884	2,827	66,681
Files and rasps	"	206,438	283,116	697,012
Saws, n.o.p. (except power-operated)	—	123,961	—	180,727
Taps and dies	—	143,230	—	212,828
Wrenches	—	55,765	—	65,245
Tools, n.o.p.	—	331,358	—	222,966

List of Firms in the Hardware, Tools and Cutlery Industry, 1954

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
New Brunswick:	
The Forest King Saw & Mfg. Co. Ltd.	Andover
Quebec:	
A.B.C. Tool & Die & Mfg. Co. Ltd.	2381 Des Carrières, Montreal
Acme Mold & Die.....	6031 De Normanville St., Montreal
Acme Shear Co. of Canada, Ltd., The	P.O. Box 420, Bedford
Ambassador Manufacturing Co.	1100 Victoria St., St. Lambert, Montreal 23
Barrie Utility Mfg. Co. Ltd.	7340 Mountain Sights Ave., Montreal
Boisvert, J.R., & Cie Ltée	Grandes Piles
Bristol Cutlery Co.	333 Broadway, Montreal
Canada Grip Nut Co. Ltd.	140 Mercier St., St. Johns
Canadian "Cinch" Anchoring Systems Ltd.	2095 Madison Ave., Montreal
Canadian Die Works Reg'd.	1007 A Ste. Elizabeth St., Montreal
Canadian Wire, Die Works Ltd.	2825 Jacques-Hertel, Montreal
Canuel, Onezime	St. Ulric, Co. Matane
Capital Industries	165 St. Zotique St., Montreal
Colonial Tool & Die Reg'd.	7789 St. Dominique, Montreal
Denman Engraving Reg'd.	360 Recollet St., Montreal
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
Fuller Tool Co. Ltd.	940 Côte de Liesse, Montreal
Furniss Clarke & Co. Limited	8576 St. Dominique, Montreal
Gardner Steel Limited	98 Fourteenth St., Noranda

List of Firms in the Hardware, Tools and Cutlery Industry, 1934 - Continued

Name	Address
Quebec - concluded:	
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., Outremont
La Cle 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
Levis Plastics & Metal Products	71 St. Louis St., Levis
Machinecraft Inc.	45 St. James St., 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 Chamblay
Mercury Tool & Die Work	259 Ste. Catherine E., Montreal
Metalworks 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
Oxwall Tool Co. Ltd.	80 Beaumont Ave., Montreal
Pal Blade Corp., Ltd.	2055 Desjardins Ave., Montreal
Practical Engineering Co.	1036 Hermine St., Montreal
Precision Mould & Die	5 Hackett St., Granby
Precision Steel Rule Dies Ltd.	7192 Grand St., Montreal
Precision Tool & Parts Co.	2028 Victoria St., Montreal
Quebec Metal Works Inc.	St. David, Levis
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
Sandwick Canadian Limited	5675 Royal Mount Ave., Montreal
Service Tool & Die Limited	2130 Bleury St., Montreal
Sido Limited	555 boul. Boivin, Granby
Simonds Canada Saw Co. Limited	595 St. Rêmi St., Montreal
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
Stowell Screw Co., Ltd.	216 St. Laurent St., Longueuil
Threepoint Products	15 Ontario St. W., Montreal
Tole Gaufrière "Idéale" Enrg.	1500 Laframboise St., St. Hyacinthe
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
Universal 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
Ontario:	
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
Alpha 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
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

List of Firms in the Hardware, Tools and Cutlery Industry, 1954 - Continued

Name	Address
Ontario - concluded:	
Belleville Lock Company Limited	270 Pinnacle St., Belleville
Bennett & McPhee	112 Adelaide St. W., Toronto
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
Breen Wire Products	64 Merton St., Toronto
Bryant Pattern & Mfg. Co. Ltd.	469 East Shepherd St., Windsor
Brydon Brass Mfg. Co. Ltd.	Box 253, Weston
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 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 Steel Moulds	43 Raleigh Ave., Toronto
Canadian Tap & Die Co. Ltd.	21 York Place, Galt
Canadian Warren-Pink Limited	Ontario & Carlton Sts., St. Catharines
Carbide Tool Company Ltd.	159 Lansdowne Ave., Toronto 3
Carpenter Tool & Die Co.	474 Burlington St. E., Hamilton
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
Cochrane Tool & Design Ltd.	201 Ashtonber Rd., Toronto
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
Coventry Gauge & Tool (Canada) Ltd.	50 York St., Toronto
Craig Bit Company, Limited	180-9th St., North Bay
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
Dillon Mfg. Co.	82 Ontario St. W., Toronto
Disston, Henry, & Sons, Limited	2 Fraser Ave., Toronto
Diwalt Sales Ltd.	468 Wellington St. W., Toronto
Do All Company of Canada Ltd., The	35 Clarkson Ave., Toronto 10
Dominion Brass Products Ltd.	65 Saultier St., Toronto
Dominion Screw Company, Limited	395 Weston Rd. S., Toronto
Dominion Twist Drill, Limited	1880 Assumption St., Walkerville..
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
"El-Mech" Tools Ltd.	569 Southworth St., Welland
Emmons Tool & Die Co. Ltd.	19 Bertrand Ave., Scarborough
E.T.F. Tools Limited	21 Woodburn Ave., St. Catharines
R.B. Tool and Die Ltd.	237 Vine St. N., St. Catharines
F.D.R. Tool and Machine Co.	Concession Rd. N., Preston
Fearneough, W., Canada, Ltd.	St. Lawrence Ave., Queensway, Toronto
Federal Sales & Engineering Ltd.	1505 Crawford Ave., Windsor
Ferrum Metal Mfg.	275 Queen St. W., Toronto
Firth Brown Tools, Canada, Ltd.	115 Dundas St., Galt
Fisher Gauge Works, Limited	194 Sophia St., Peterborough
Flaherty Manufacturing Co. Ltd.	76-78 Wellington St. N., Hamilton
Frank Tool & Die Co.	Graham's Lane, Burlington
Franklin Metal Products	202 Pelham Rd., St. Catharines
Fraser Tool & Engineering Co.	Galt
Freeway of Canada Ltd.	122 Leicester Ave., Toronto
Galt Metal Products Co.	161 Samuelson St., Galt

List of Firms in the Hardware, Tools and Cutlery Industry, 1954 — Continued

Name	Address
Ontario — continued:	
Galt Knife Company Limited	99 State St., Galt
Galt Tool Engineering Company Limited	Bella St., Hespeler
Gardiner Machine & Tool Ltd.	288 A 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
Guelph Spring & Axle Co. Ltd.	24 Wellington St., Guelph
Hahn Brass Company, Ltd., The	Waterloo St., New Hamburg
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
Hill 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
Husky Mfg. & Tool Works (Ontario) Ltd.	5870 Yonge St., Newtonbrook
Ideal Engineering Co.	3317 Dufferin St., Park Rd. P.O.
International Engineering Co.	289 Sunach 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
Jessop Steel of Canada Ltd.	Wallaceburg
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
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
Lake Simcoe Industries Ltd.	Box 100, Beaverton
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
Lucas, F.	16 Gamma St., Long Branch
Machine Specialties	1360 Danforth Ave., Toronto
Mainline Tool & Die	R.R. # 2, Hornby
Mall Tool Ltd.	36 Queen Elizabeth Blvd., Toronto
Mallett Machine & Tool Works	103 Walnut Ave., Toronto
Mallory Hardware Products Ltd.	Blenheim
Maple Leaf Tool & Die Co.	40 Wellington Ave., Oshawa
Marples & Tough Ltd.	21 Jutland Rd., Toronto
Martin Brothers	St. Jacobs
Marton Mfg. Co.	163 Sandwich St. W., Windsor
Master Steel Rule Dies	747 A Broadview Ave., Toronto
Metalair Products	57 Sylvan Ave., Toronto
Modern Caster Co.	4652 Yonge St., Willowdale
Moeller Mfg. Co. (Canada) Ltd.	1760 Valley Way, 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
Nickleton 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

List of Firms in the Hardware, Tools and Cutlery Industry, 1954 — Continued

Name	Address
Ontario — continued:	
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	132 Windsor St., Mimico
Parmenter & Bulloch Mfg. Co., Limited	Clarence St., Gananoque
Peerless Engineering Ltd.	132 Brandon Ave., Toronto
Perfect Cutting Tools Ltd.	7100 Tecumseh Rd. E., Windsor
Perkins, Frank, Co.	201 Sophia St., Prescott
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 Products	1168-76 Wyandotte St. E., Windsor
Precision Tape & Rule Company Ltd.	2598 Dougall Ave., Windsor
Precision Tool Works, Limited	3555 Danforth Ave., Toronto
Preston-Noelting, Ltd.	163 King St., Stratford
Production Tool Specialities	338 Dundas, Woodstock
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.	217 Henry 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
Russel Tool & Die Co.	David St., Ridgetown
Salco Corporation Ltd.	88 Fourteenth St., New Toronto
Sands Tool Ltd.	35 Carlaw Ave., Toronto
Sang Manufacturing of Canada Ltd.	650 W. Riverside Drive, Windsor
Schick (Canada) Ltd.	437-493 Adelaide St. W., Toronto
Seco Tool Co. Limited	90 Sherbourne St., Toronto
Select Products	1 Alexander Place, 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
Sigma Tools	1656 Queen St. E., Toronto
Simpson, A.G., Co. Ltd.	Box 100, Station H, Toronto
Skillcraft Ltd.	2-4 Bond St., St. Catharines
Skillcraft Steel Rule Dies	747 A 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
Speciality Mfg. & Distributing Co. Ltd.	888 Dupont St., Toronto
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
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
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
Thermos Bottle Company Limited	2040 Eglinton Ave. E., Toronto
Thomson (Canada) Rivet Co. Ltd.	4th St. & Victoria Ave., Gananoque
Toolcraft Ltd.	611 Montreal Rd., Ottawa
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 Screw Machine Products Ltd.	1953 Gerrard St. E., Toronto
Toronto Tool & Stamping Co.	1311 Queen St. E., Toronto
U-Neeck Products	56 Joseph St., Kitchener
Unior Tool & Die Works	41 St. Cecilia St., Eastview

List of Firms in the Hardware, Tools and Cutlery Industry, 1954 — Concluded

Name	Address
Ontario — concluded:	
Universal Tool & Die Co.	1305 Windsor Ave., Windsor
Vannatter, H.E.	41 Dundas St., Wallaceburg
Vanstone, E.G., and Son Ltd.	126 Atlantic Ave., 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.	20 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.	102 Tillson 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
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
Wright Tool Co.	21 West Ave. N., Hamilton
Y.W. Small Parts Ltd.	234 Davenport Rd., Toronto
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
Manitoba:	
Card Bros. Mfg. Co.	1399 Erin St., Winnipeg
Dyck, J.J.	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
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
British Columbia:	
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
Driltru Bit & Supply Ltd.	705 W. 2nd Ave., N. Vancouver
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
Modem 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
Tungbide Products Ltd.	1157 Richards St., Vancouver 2
Viking Manufacturing Co. Ltd.	1671 East Hastings St., Vancouver
Weiser Lock Company of Canada Ltd.	1895 Hawthorne Ave., S. Burnaby





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