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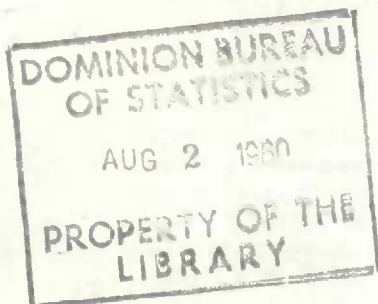
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CANADA



THE JEWELLERY AND SILVERWARE INDUSTRY

1958

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PUBLICATIONS

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

A - Annual

M - Monthly

Q - Quarterly

Catalogue number	Title	Price
41 - 202	Non-ferrous Metal Products - General Review (A) .....	.50
41 - 204	The Aluminum Products Industry (A) .....	.50
41 - 206	The Brass and Copper Products Industry (A) .....	.50
41 - 215	The White Metal Alloys Industry (A) .....	.50
41 - 211	The Jewellery and Silverware Industry (A) .....	.50
41 - 214	The Smelting and Refining Industry (A) .....	.50
41 - 218	The Miscellaneous Non-ferrous Metal Products Industry (A) .....	.25

41 - 007	Non-ferrous Scrap Metal and Secondary Non-ferrous Ingot (Q)	per year 1.00
31 - 201	General Review of the Manufacturing Industries (A)	2.00
31 - 001	Inventories, Shipments and Orders in Manufacturing Industries (M)	per year 4.00
65 - 004	Trade of Canada - Exports (M)	per year 7.50
65 - 007	Trade of Canada - Imports (M)	per year 7.50

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made payable to the Receiver General of Canada and forwarded to
the Information Services Division, Dominion Bureau of Statistics,
or to the Queen's Printer, Ottawa, Canada.*

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

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

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

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

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

Standard Industrial Classification

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

Short Forms

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

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

SYMBOLS

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

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- P preliminary figures.

THE JEWELLERY AND SILVERWARE INDUSTRY

1958

Manufacturers of jewellery, silverware and other precious metal products reported the value of their 1958 shipments at \$53,898,979, an increase of 2.1 per cent over the \$52,789,040 reported in 1957.

In 1958 there were 221 plants engaged in this line of manufacture including 111 in Ontario; 83 in Quebec; 19 in British Columbia; 4 in Manitoba and 2 in each of Saskatchewan and Alberta. The 204 works in the jewellery manufacturing division of this industry employed 3,274 people to make goods worth \$26,174,152; the 11 silverware plants with 989 employees made products worth \$10,871,375 and the remaining 6 plants which were occupied in recovering precious metals from scrap or in preparing gold and silver for use in the arts and industries, employed 476 people and had a combined output valued at \$16,853,452. Among the principal materials were gold and gold alloys, silver and silver alloys, nickel-silver, precious and semi-precious stones and jewellers' findings.

As reviewed in the bulletin, the jewellery and silverware industry includes all plants in Canada

which made the following classes of goods as their main products; (a) rings and other jewellery; (b) sterling silverware and silver-plated ware; and (c) dental supplies, gold leaf, gold and silver melted or rolled or otherwise prepared for the arts and industries; and precious metals recovered from old materials, jewellers' sweepings and scrap. Wholesalers, retailers, or shops engaged only in repair work have not been included.

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" figures 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 Jewellery and Silverware Industry, Significant Years 1929-58 and by Provinces, 1957 and 1958

Year and province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number			dollars			
1929	98	2,931	3,998,851	100,912	4,913,604	6,919,077	11,933,593
1932	93	2,169	2,322,392	72,434	2,432,728	3,613,709	6,118,871
1937	121	3,316	3,801,230	112,616	6,647,300	6,633,630	13,093,546
1939	116	3,390	4,095,783	115,729	7,210,524	6,903,307	14,229,560
1945	158	5,514	8,108,837	197,435	16,164,076	14,837,706	31,199,217
1946	172	6,691	10,507,305	244,177	22,873,016	18,411,485	41,528,678
1949	209	6,219	13,160,094	291,594	26,878,852	23,587,014	50,757,460
1954	217	5,074	13,487,379	386,005	23,986,439	22,183,114	46,792,579
1955	221	5,178	13,680,463	391,782	25,711,100	22,245,768	48,016,269
1956	220	4,877	13,990,509	394,988	29,499,839	24,171,407	53,460,985
1957							
Nova Scotia	1	1,621	4,300,669	86,266	5,646,631	7,678,418	13,309,964
Quebec	86						
Ontario	105	2,920	9,757,744	308,651	22,729,317	15,084,693	38,242,512
Manitoba	4	32	77,435	2,200	130,666	193,195	326,405
British Columbia	18	137	382,351	5,827	348,730	478,863	810,413
Saskatchewan	3	21	54,350	1,572	30,406	67,469	99,746
Alberta	2						
Yukon	1						
Canada	220	4,731	14,572,549	404,516	28,885,750	23,502,638	52,789,040
1958							
Quebec	83	1,636	4,449,226	90,851	5,604,258	7,258,360	12,798,593
Ontario	111	2,899	9,848,413	309,497	24,047,236	15,940,905	39,739,829
Manitoba	4	34	86,276	1,932	132,217	179,524	316,836
Saskatchewan	2	19	62,649	755	34,063	71,781	106,599
Alberta	2						
British Columbia	19	151	489,201	5,343	329,908	634,728	937,122
Canada	221	4,739	14,935,765	408,378	30,147,682	24,085,298	53,898,979

¹ See note to text.

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

TABLE 2. Principal Statistics of the Jewellery and Silverware Industry, by Subgroups, 1957 and 1958

Year	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number			dollars			
1957							
Refined precious metals and dental supplies	6	488	1,836,483	79,772	12,324,775	3,023,324	15,484,366
Silver-plated ware	11	1,215	4,306,213	150,235	6,207,601	6,304,888	12,751,897
Jewellery	203	3,028	8,429,853	174,509	10,353,374	14,174,426	24,552,777
Totals	220	4,731	14,572,549	404,516	28,885,750	23,502,638	52,789,040
1958							
Refined precious metals and dental supplies	6	476	1,885,339	83,160	14,204,700	3,088,211	16,853,452
Silver-plated ware	11	989	3,736,144	147,128	4,795,217	5,856,454	10,871,375
Jewellery	204	3,274	9,314,282	178,090	11,147,765	15,140,633	26,174,152
Totals	221	4,739	14,935,765	408,378	30,147,682	24,085,298	53,898,979

¹ See note to text.

TABLE 3. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	1,772,803	339,994	1,716,812	3,829,609
Ontario	4,476,572	2,616,416	3,317,726	10,410,714
Other provinces	187,492	14,625	97,162	299,279
Canada	6,436,867	2,971,035	5,131,700	14,539,602
Closing:				
Quebec	1,689,058	331,356	1,880,326	3,900,740
Ontario	4,920,652	2,828,200	3,663,751	11,412,603
Other provinces	208,744	24,448	117,033	350,225
Canada	6,818,454	3,184,004	5,661,110	15,663,568

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 Jewellery and Silverware Industry for the year under review are shown in the above table.

(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957 because of the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 4. Products of the Jewellery and Silverware Industry, 1957 and 1958

Product	Value of factory shipments	
	1957	1958
	dollars	
Precious metals (gold, silver, etc.) in the following forms: recovered (for sale) from old material, sweepings, waste, etc., also precious metals purchased as such and only melted and rolled and otherwise prepared without alloying, for resale to the arts and industries and other precious metal alloys not specified elsewhere.		
Gold	3,531,459	3,732,746
Silver	4,687,640	3,656,636
Other precious metals including platinum, crucibles and electrodes	1,571,417	3,935,646
Gold leaf, gold filled wire and other gold filled stock	454,507	325,804
Jewellery	20,775,463	22,453,319
Church goods (chalices, etc.)	151,953	208,712
Emblems, badges and medals	840,236	572,116
Hollow-ware, silver-plated on Britannia metal	78,616	46,872
Hollow-ware, silver-plated on nickel-silver	85,156	96,672
Hollow-ware, silver-plated on brass and copper	1,139,959	1,223,892
Hollow-ware, silver-plated on lead alloy	78,938	48,607
Hollow-ware, sterling silver	1	1
Flatware and cutlery, silver-plated	6,736,236	4,762,431
Flatware and cutlery, sterling silver	1,876,887	1,727,851
Flatware and cutlery, other, including stainless steel, other plated and other metal flatware, not plated	1,031,502	1,169,212
Jewellers' findings	338,077	327,215
Trophies	646,714	996,443
Received for custom and repair work	1,220,489	864,406
Other products	7,543,791	7,752,199
Totals	52,789,040	53,898,979

¹ Included with "Other products". See Table 7 for total production in Canada.

TABLE 5. Materials Used in the Jewellery and Silverware Industry, 1957 and 1958

Material	Cost at works	
	1957	1958
	dollars	
Precious metals:		
Gold:		
Fine:		
New	4,482,824	4,792,935
From old material	102,940	251,290
Gold alloys (18k, 12k, etc.)	1,403,075	1,633,143
Iridium	13,221	17,125
Palladium	275,092	1,143,382
Platinum	1,182,835	3,258,208
Rhodium	133,129	108,285
Silver:		
Fine:		
Anodes	775,382	560,835
Other	3,200,187	2,240,448
Sterling	2,465,997	2,282,143
Other silver alloys	88,284	72,349
Old gold, waste and scrap for remelting and refining	1,651,414	1,020,928
Gold-filled wire and other gold-filled stock	151,113	143,909
Base metals and alloys:		
Aluminum	3,641	3,405
Antimony metal	9,289	2,134
Brass, including blanks for plating	601,868	416,589
Britannia metal, including blanks for plating	18,695	25,724
Cadmium metal	1,215	3,049
Copper, including blanks for plating	265,045	289,803
Lead	60,122	62,336
Nickel	10,678	6,506
Nickel-silver, including blanks for plating	1,548,543	865,568
Tin	45,162	44,796
Other non-ferrous metals	488,765	423,844
Other materials:		
Cutlery steel	130,790	72,657
Diamonds (for rings, etc.)	2,645,760	2,895,200
Other precious and semi-precious stones	986,908	1,178,539
Glass linings and blanks	181,558	86,879
Rouge and other polishes	116,148	101,035
Stainless steel	299,975	299,561
Synthetic resins and plastics	75,534	31,782
Pearl essence	12,950	9,721
Beads for artificial or simulated pearls	380,753	229,431
Jewellers' findings	1,064,166	1,105,125
Shipping containers and packaging materials	887,655	674,059
All other materials and process supplies	3,125,037	3,794,959
Totals	28,885,750	30,147,682

TABLE 6. Production¹ of Jewellery in Canada, 1949-58 (from All Industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1949	18,001,000	1954	18,624,000
1950	17,931,000	1955	19,466,000
1951	16,400,000	1956	20,780,000
1952	18,522,000	1957	21,205,000
1953	20,580,000	1958	23,139,000

¹ Factory shipments since 1952.

TABLE 7. Production¹ of Silverware in Canada, 1949-58 (from All Industries)

Year	Hollow-ware, electroplated			Flatware, and cutlery, electro- plated	Sterling silver hollow-ware, flatware and cutlery	Sterling silver toilet-ware and dresserware
	On Britannia metal	On nickel- silver	On other metal			
	dollars					
1949	301,130	140,867	2,648,823	7,294,002	3,160,843	437,265
1950	327,110	82,190	2,405,908	6,716,307	3,602,206	429,189
1951	160,189	124,252	2,041,490	5,981,279	3,207,605	328,753
1952	128,809	75,974	1,863,895	5,647,955	2,388,972	310,271
1953	137,156	57,412	1,827,887	6,668,069	2,747,692	353,422
1954	74,665	8,609	1,515,514	6,159,148	2,511,545	279,443
1955	82,045	14,253	1,634,999	6,155,926	2,454,031	218,609
1956	63,121	69,704	1,238,322	5,878,192	2,083,917	²
1957	78,616	85,156	1,218,897	6,736,236	2,164,659	²
1958	46,872	96,672	1,272,499	4,762,431	1,976,523	²

¹ Factory shipments since 1952.² Not available separately.

TABLE 8. Principal Statistics, Classified According to Type of Ownership, 1957 and 1958

Type	Estab- lish- ments	Em- p- loyees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Individual ownership	72	412	1,081,795	1,469,396	3,264,865
Partnerships	35	198	526,421	801,466	1,689,929
Incorporated companies	113	4,121	12,964,333	26,614,888	47,834,246
Totals	220	4,731	14,572,549	28,885,750	52,789,040
1958					
Individual ownership	69	405	1,162,026	1,657,327	3,353,146
Partnerships	35	221	642,428	938,870	1,969,125
Incorporated companies	117	4,113	13,131,311	27,551,485	48,576,708
Totals	221	4,739	14,935,765	30,147,682	53,898,979

TABLE 9. Principal Statistics of the Jewellery and Silverware Industry in Canada, grouped according to Size of Establishment, 1957 and 1958

Establishments reporting factory shipments	Estab- lish- ments	Em- p- loyees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Under \$10,000	25	35	56,067	54,620	130,769
\$10,000 to \$24,999	47	152	357,425	311,125	824,544
\$25,000 " \$49,999	30	180	430,450	400,744	1,105,933
\$50,000 " \$99,999	32	307	868,725	1,062,496	2,293,442
\$100,000 " \$199,999	34	563	1,624,654	2,187,785	4,840,406
\$200,000 " \$499,999	36	1,462	4,103,351	5,292,805	11,781,211
\$500,000 " \$999,999	10	710	2,048,863	2,737,406	7,104,070
\$1,000,000 " \$4,999,999	5	1,322	5,083,014	16,838,769	24,708,665
\$5,000,000 and over	1				
Totals	220	4,731	14,572,549	28,885,750	52,789,040
1958					
Under \$10,000	19	27	57,669	33,424	99,708
\$10,000 to \$24,999	36	126	303,055	255,991	602,279
\$25,000 " \$49,999	39	182	483,800	609,147	1,358,413
\$50,000 " \$99,999	35	343	1,037,077	1,139,339	2,429,807
\$100,000 " \$199,999	37	665	1,722,703	2,331,190	5,074,005
\$200,000 " \$499,999	36	1,400	4,035,203	4,767,684	11,346,091
\$500,000 " \$999,999	12	734	2,314,717	3,186,118	7,570,402
\$1,000,000 " \$4,999,999	5	1,262	4,981,541	17,824,789	25,418,274
\$5,000,000 and over	2				
Totals	221	4,739	14,935,765	30,147,682	53,898,979

TABLE 10. Employees and their Earnings in the Jewellery and Silverware Industry, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Quebec	214	93	795	517	1,619	1,191,306	3,099,363	4,290,669
Ontario	383	309	1,459	769	2,920	2,799,725	6,958,019	9,757,744
British Columbia	37	17	71	12	137	147,216	235,135	382,351
Other provinces	16	5	30	4	55	63,610	78,175	141,785
Canada	650	424	2,355	1,302	4,731	4,201,857	10,370,692	14,572,549
1958								
Quebec	218	142	781	495	1,636	1,358,182	3,091,044	4,449,226
Ontario	421	303	1,336	839	2,899	3,125,205	6,723,208	9,848,413
British Columbia	41	19	75	16	151	163,752	325,449	489,201
Other provinces	12	7	30	4	53	55,606	93,319	148,925
Canada	692	471	2,222	1,354	4,739	4,702,745	10,233,020	14,935,765

TABLE 11. Production Workers, by Months, 1958

Month	Establishments reporting monthly detail ¹		Establishments not reporting monthly detail ¹		All establishments		
	Male	Female	Male	Female	Male	Female	Total
	number						
January	1,887	1,178			1,887	1,178	3,065
February	1,899	1,243			1,899	1,243	3,142
March	1,906	1,207			1,906	1,207	3,113
April	1,867	1,152			1,867	1,152	3,019
May	1,885	1,158	332	91	2,217	1,249	3,466
June	1,871	1,161			1,871	1,161	3,032
July	1,836	1,250			1,836	1,250	3,086
August	1,921	1,373			1,921	1,373	3,294
September	1,908	1,387			1,908	1,387	3,295
October	1,920	1,395			1,920	1,395	3,315
November	1,897	1,365			1,897	1,365	3,262
December	1,912	1,277			1,912	1,277	3,189
Average ²					2,222	1,354	3,576

¹ The number of production workers by months was generally collected only for establishments reporting value of shipments of \$100,000, and over. For smaller establishments, only the number employed during the last pay period of May, 1958, was collected.

² The average for establishments generally reporting shipments of less than \$100,000, was estimated by using average annual earnings data from the large establishments in conjunction with reported payrolls for the small establishments.

TABLE 12. Capital and Repair Expenditures in the Jewellery and Silverware Industry, 1954 - 58

Year	Capital expenditures			Repair and maintenance expenditures			Total capital and repair expenditures
	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Sub-total	
	thousands of dollars						
1954	123	450	573	103	389	492	1,065
1955	500	613	1,113	103	400	503	1,616
1956	576	539	1,115	96	458	554	1,669
1957	128	616	744	101	435	536	1,280
1958 ^p	32	409	441	94	357	451	892

TABLE 13. Imports into Canada and Exports of Jewellery and Precious Metal Products, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
(a) Imports				
Precious metals and their products:				
Electroplated ware and giltware, n.o.p. ....	..	12,929,005	..	13,616,359
Gold and silver sweepings and bullion fringe or gold fringe ..	..	23,659	..	18,315
Gold, silver and Dutch or schlag metal leaf ..	..	149,304	..	162,149
Gold, manufactures, of, n.o.p. ....	..	91,818	..	107,206
Platinum wire and platinum bars, strips, sheets and plates; platinum, palladium, iridium, osmium, ruthenium and rhodium, in lumps, ingots, powder, sponge or scrap ..	..	15,430,931	..	8,641,360
Platinum crucibles ..	..	1,361,181	..	1,535,132
Platinum retorts, pans, condensers, tubing, pipe and preparations of platinum for the manufacture or concentration of sulphuric acid ..	—	—	—	—
Platinum and black oxide of copper for the manufacture of chlorate and colours ..	lb. 6,850	2,270	—	—
Silver in bars, blocks, ingots, drops, sheets or plates, unmanufactured ..	oz. 1,859,131	1,633,049	2,701	2,382
Tollet articles of all kinds, of which the component material of chief value is sterling silver ..	..	33,014	..	29,073
Silver, manufactures of, n.o.p., and articles consisting wholly or in part of sterling or other silverware ..	..	682,943	..	647,424
Jewellery:				
Jewellery, n.o.p. ....	..	5,329,620	..	5,432,556
(b) Exports				
Jewellers' sweepings and precious metal scrap, n.o.p. ....	..	1,341,366	..	1,129,505
Silver manufactures, n.o.p. ....	..	32,362	..	29,959
Plated ware, silver ..	..	76,044	..	110,318
Plated ware, n.o.p. ....	..	23,323	..	10,661
Jewellery of all kinds, n.o.p. ....	..	130,241	..	120,479

Note: The letters "n.o.p." mean "not otherwise provided for" in the statistical classification.

TABLE 14. Fuel and Electricity Used in the Jewellery and Silverware Industry, 1958

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal (a) From Canadian mines ..	ton 321	4,902
(b) Imported ..	" 3,355	41,131
Anthracite coal ..	" 10	285
Gasoline (including gasoline used in cars and trucks) ..	Imp. gal. 97,147	19,638
Fuel oil including kerosene or coal oil ..	" 563,896	81,081
Gas (a) Liquefied petroleum gases (propane, etc.) ..	" 18,058	8,193
(b) Other manufactured gas ..	M cu. ft. 1,058	1,829
(c) Natural gas ..	" 35,742	48,009
Other fuel ..	..	515
Electricity purchased ² ..	kwh. 10,648,262	162,686
Steam purchased ..	..	420
Totals ..	—	368,689
2. Establishments not reporting commodity detail: ¹		
Total cost of fuel ..	...	17,863
Electricity purchased ..	..	21,826
3. All establishments:		
Total cost of fuel ..	...	223,866
Total cost of electricity ..	...	184,512
Total cost of fuel and electricity ..	...	408,378

¹ Data on the quantity and value of the different kinds of fuel and on the quantity of electricity purchased were generally not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the cost of electricity were collected for these establishments.

² Power equipment in the form of electric motors was reported at 9,424 h.p.

Directory of Firms in the Jewellery and Silverware Industry, 1958

Name of firm	Location of plant
(a) Refined Precious Metals Chiefly—Secondary Refiners	
Quebec:	
Canadian Refining Co. Ltd.	1426 Clarke St., Montreal
Ontario:	
Engelhard Industries of Canada Limited	512 King St. E., Toronto
Handy & Harman of Canada Ltd.	141 John St., Toronto
Imperial Smelting & Refining Co. Ltd.	34 Beverley St., Toronto
Johnson, Matthey & Mallory, Limited	110 Industry St., Toronto
Williams Gold Refining Co. of Canada Ltd.	30 Courtwright St., Fort Erie North
(b) Silver-Plated Ware Chiefly	
Quebec:	
Birks, Henry & Sons (Montreal) Ltd.	620 Cathcart St., Montreal
Camirand Inc.	2126 de Lasalle Ave., Montreal
Wallace Silversmiths (Canada) Ltd.	Cookshire
Ontario:	
Benedict-Proctor Mfg. Co. Ltd.	74 Ontario St., Trenton
Canadian Silversmiths Ltd.	80-84 Chestnut St., Toronto
International Silver Co. of Canada, Ltd.	303 River Road, Niagara Falls
McGlashan Silverware Ltd.	Bells Corners
Morton-Parker Limited	Dufferin Ave., Trenton
Oneida Ltd.	Niagara Falls and Toronto
Royale Silverware Mfg. Co.	250 Emerson Ave., Toronto
(c) Jewellery Chiefly	
Nova Scotia:	
Roberts, G.F.—O.L. Myers	24 Prince St., Halifax
Quebec:	
Achim, Succession J. Henri	205, rue St-Paul O., Montreal
Actman Jewellers Reg'd	1449 St. Alexander St., Montreal
Adler, B., & Sons Inc.	1260 University St., Montreal
A.L.S. Inc.	1255 University St., Montreal
American Novelities & Castings	987 Cote St., Montreal
Amsel Bros.	1109 St. Lawrence Blvd., Montreal
Ano Limitée	2937 Avenue Lacombe, Montreal
Authier, P., Enrg.	556 Chamfleury, Quebec
Barrette, John	477 St. Francois Xavier, Montreal
Beaudoin Spinning Enrg.	3870 Chemin St-Michel, Ville St-Michel
Beaugrand, Gilles, Inc.	846, ave de l'Epée, Outremont
Bick & Ostor Co., Limited	6924 Park Avenue, Montreal
Bijouterie Centrale Inc.	3250 St. Zotique, Montreal
Bijouterie, Roy Inc.	2022 Visitation St., Montreal
Bijouterie Style Enrg.	620 Jarry St. E., Montreal
Bijouterie Turco Enrg.	517 Boul. St. Laurent, Montreal
Bourassa, J.A.	1290 St. Denis St., Montreal
Breadner Company, Limited	55 Talon St., Hull
Bureau, Roger	5018, rue Papineau, Montreal
Carrier, P.E., Co. Ltée	2012 East Rue Mont-Royal, Montreal
Cheron, Raymond	2260 Blvd. Perrot, Isle Perrot Sud
Colombia Jewellery Co.	400 Ontario, Montreal
Continental Jewellery Co.	256 Vitre St., Montreal
Daros Ltd.	937 Victoria Sq., Montreal
Delrue, Georges	2100 Crescent, Montreal
Dexter Mfg. Co. Inc.	R.R. No. 1, St. Jean
Dominion Tool & Metal Products Ltd.	929 Perreault Lane, Montreal 18
Doucet, Victor	10597 Pelletier Ave., Montreal
Enco Manufacturing Co. Ltd.	428 St. Peter St., Montreal
Forstner (Canada) Ltd.	830 George St., Sherbrooke
Foucher, B. & Belanger Inc.	46 Notre Dame O., Montreal
Gold Arts Jewellery Co. Ltd.	1504 Sherbrooke St. W., Montreal
Gremex Canada Ltd.	1276 St. Urbain St., Montreal
Gendon Mfg. Jewellers Inc.	455 Craig St. W., Montreal
Green Bros. Inc.	1010 Ste. Catherine St. E., Montreal

Directory of Firms in the Jewellery and Silverware Industry, 1958—Continued

Name of firm	Location of plant
(c) Jewellery Chiefly—Continued	
Quebec—Concluded:	
Grenier, Marcel	1010 Ste. Catherine St. E., Montreal
Har-mor Jewellery Co.	202 Maisonneuve St., Hull
I.S. Jewellery Findings Reg'd	359 St. James St. W., Montreal
Imperial Jewellery Manufacturing Company	913 St. George St., Montreal
Jay Flex Limited	1295 des Carrieres St., Montreal
Jaystone Ornaments	1449 St. Alexander St., Montreal
Jewel Bearings Ltd.	187 Grande Allée, Quebec 4
Jewel Craft Reg'd	1536 Bishop St., Montreal
Julian Jewellery Mfg. Co.	1408 Bleury St., Montreal
Keyes Jewellers Ltd.	685 St. James St. W., Montreal
Krasnow, Sam, & Co.	1214 Peel St., Montreal
Lamond, Co., & Fils Limitée	1065 Bleury St., Montreal
Langlois, Paul A.	466 de la Couronne, Quebec
LaSalle Jewellery	8482, rue St-Hubert, Montreal
Lemaitre, Paul, Limitée	2505 Ste. Catherine St. E., Montreal
Lindover, H.	1500 Ste. Catherine St. W., Montreal
Manhattan Jewellery	3646 St. Lawrence St., Montreal
Marion, Aly	360 Craig St. W., Montreal
Metalliflex Ltd.	8955 Park Ave., Montreal
Montreal Plating & Casting Co. Ltd.	6726 St. Vallier St., Montreal
Nemo—Brier Limited	105 Montcalm St., Hull
New York Rhinestone Novelties Co.	1485 Bleury St., Montreal
Paquet, Gid'fon, Enrg.	750 St. Joseph St., Quebec
Pelletier, E., & Fils Enrg.	179 Ouest, rue Craig, Montréal
Picard, J.E.	401 Blvd. Charest, Quebec
Primavesi & Kaufmann	1454 Mountain St., Montreal 25
Ross Bros. Inc.	1235 Guy St., Montreal 25
Scepter Jewellery Company	408 St. James St. W., Montreal
Shechtman, G.A., & Sons, Ltd.	460 Ste. Catherine St. W., Montreal
Sherman, G., & Co.	905 Old Orchard Ave., Montreal
Sidney Skelton Ltd.	1231 Ste. Catherine West, Montreal
Sloves, N., & Co.	1029 Beaver Hall Hill, Montreal
Spark Jewellers Mfg.	366 Mayor Ave., Montreal
Stephenson, Osher, Co. Ltd.	740 St. Maurice St., Montreal
Surek Jewellery Mfg.	224 Laurier West, Montreal
Swisor Inc.	2556 Chemin St-Louis, Québec
Tardy, Charles E.	486 St. John St., Montreal
Trico Ring Mfg. Inc.	685 St. James St. W., Montreal
Triad Creations Limited	420 St. Georges St., Drummondville
Tulip Creations Mfg. Co. Ltd.	6749 Marquette St., Montreal
Variety Ring Co.	5327 Notre Dame St. W., Montreal
Venus Jewellery Mfg. Co.	117 St. Paul E., Montreal
Watchstraps Inc.	28 75 Hochelaga St., Montreal
Wexler, Earl	1070 Bleury St., Montreal
Ontario:	
A. & A. Jewellers Ltd.	21 Dundas Square, Toronto
Adams Jewellery Mfg. Co.	5 Commercial St., Toronto
Alpha Jewellery Co.	95½ Church St., Toronto
Amell, Rober, & Co. Limited	145 Adelaide St. W., Toronto
Ampeco Limited	604 King St. W., Toronto
Anthony Bros. Limited	39 Lombard St., Toronto
Arman Trophy Manufacturing Co.	191 George St., Toronto
Artistic Jewellery Co.	688 Richmond St. W., Toronto
Attractive Jewellery Co.	39 Wellington St. E., Toronto
Austin, Carl, & Co. Ltd.	44 Church St., Weston
Avon Jewellery Limited	295 Dundas St. E., Belleville
Baker, T.H., Limited	1023 Princess Ave., London
Bassett, W.F., Company	10 Duke St., Toronto
Bijou Jewellery Mfg.	77 Victoria St., Toronto
Bond-Boyd & Company Limited	2433 Dufferin St., Toronto 10
Boyd, Douglas	66 Centre St. W., Richmond Hill
Burkhardt Jewellers Limited	3 Mutual St., Toronto
Cadman Mfg. Co. Ltd.	Courtland
Canada Diamond Mount Co.	14 Temperance St., Toronto
Canadian Gold Leaf Manufacturers	14 Bettles St., Belleville
Canadian Pearl Co.	18 Haymarket St., Hamilton
Canadian Trophies Ltd.	442 Adelaide St. W., Toronto
Century Novelty Co. Ltd.	144 Front St. W., Toronto
Colonial Jewellery Limited	215 Spadina Ave., Toronto
Coro (Canada) Limited	186 Bartley Dr., Toronto

Directory of Firms in the Jewellery and Silverware Industry, 1958 - Continued

Name of firm	Location of plant
(c) Jewellery Chiefly - Continued	
Ontario - Concluded:	
Craft Jewellery Products Ltd.	37 McCaul St., Toronto
D'Orland Jewellers Ltd.	96 Queen St. E., Toronto
Dafri Jewellery Co.	107 Richmond St. E., Toronto
Devitt, Kay & Thornby	2 Temperance St., Toronto
Ekblad, Ronald, Mfg. Co.	604 King St. W., Toronto
Electric Chain Co. of Canada Ltd., The	86 Bathurst St., Toronto
Elliott-Bishop Co. Ltd.	71 Lombard St., Toronto
Emerald Jewellery Co.	173 McCaul St., Toronto
Empire Silversmiths	10-16 Ripley Ave., Toronto
Evenchick, M., Ltd.	291 Albert St., Ottawa
Excellent Jewellery Co. Ltd.	600 Bay St., Toronto
Excelsior Jewellery Manufacturing Company Ltd.	9 Beverly St., Toronto
Fashion Jewellery Company	39 Lombard St., Toronto
Favorite Jewellery Ltd.	10 St. Patrick St., Toronto
Fine Bracelet Co.	23 Scott St., Toronto
Forth, H., & Co. Limited	284A Yonge St., Toronto
Fremes, S., & Co. Limited	317 Adelaide St. W., Toronto
Fussell, Andrew	10 Asquith Ave., Toronto
Gem Jewellery	53 Richmond St. E., Toronto
Gorel Chain Co.	68 Broadview Ave., Toronto
Gunning Bros.	3 Duchess St., Toronto
Hamilton Manufacturing Jewellers Limited	37-39 King William St., Hamilton
Holm, E.	459 Martha St., Burlington
Houghton's Silverware & Plating, Ltd.	313 Church St., Toronto
Ideal Jewelcraft	15 Temperance, Toronto
International Jewellery Co.	20 Temperance St., Toronto
Jewel Studio	73 Adelaide St. W., Toronto
Johnston, D.H., Co.	30 Alden Ave., Toronto
Kalupe Jewellery	19 Pretoria St., Toronto
Karel Craft Jewellery Mfg. Co.	4338 Kingston Rd., West Hill
Kenmore Jewellers	87 Frederick St., Kitchener
Kral, Franz	150 Earlsdale Ave., Toronto
Kilpatrick, C., Mfg. Co. Limited	130 University Ave., Windsor
Lackie Manufacturing Company	106-108 Lombard St., Toronto
Laugher & Patton Limited	114 Jarvis St., Toronto
Leek, Jensen & Feller, Ltd.	79 Queen St. E., Toronto
Lees, Geo. H., & Co., Ltd.	47 Main St. E., Hamilton
Levy Brothers Company Ltd.	25 Main St. W., Hamilton
Libman & Shaw Limited	21 Dundas St., Toronto
Lister, Harry	2 Temperance St., Toronto
Lorie, Limited	200 Adelaide St. W., Toronto
Marlboro Jewellery Co.	10 Temperance St., Toronto
Marvel Jewellery Ltd.	159 McCaul St., Toronto
McVeen, Gordon	73 Adelaide St. W., Toronto
Mitschele Jewellery	47 Wellington St. E., Toronto
Model Jewellery Mfg. Co.	54 Wellington St. W., Toronto
Moor, Alex	133 Sparks St., Ottawa
Nantais & Hill Ltd.	152 Pitt St. W., Windsor
Nielsen & Son	111A Jarvis St., Toronto
Noble, F.H., & Co., Canada Ltd.	14 Arnold St., Toronto
Peerless Jewellery Manufacturers	2 Temperance St., Toronto
Piffard, R., & Sons	28-30 Wellington St. W., Toronto
Platinum Art Company	21 Dundas Square, Toronto
Precious Metalcraft Mfg. Co.	12 Queen St. E., Toronto
Quality Jewellery Manufacturing	95A King St. W., Toronto
Regent Jewellery Co.	422 Adelaide St. W., Toronto
Rhinette Limited	604 King St. W., Toronto
Roberts, L.	10 Temperance St., Toronto
Royal Jewellery Mfg. Co.	43 Adelaide St. E., Toronto
Strath-Craft	R.R. No. 1, London
Traub Mfg. Co. of Canada, Limited	1922 Wyandotte St. E., Walkerville
Turner, Fred F.	120 King St. E., Hamilton
Universal Jewellery Mfg. Co.	284 Yonge St., Toronto
Vansom Products of Canada	95A King St. W., Toronto
Varley & Atkins Co.	4 Wellesley St., Toronto
Victoria Art Novelties Co. Ltd.	58 Richmond St. E., Toronto
Walker, Ben, Jewellery Ltd.	229 Yong St., Toronto
Walker, Harry	6 Teraulay St., Toronto
Walker, J. and M.	108 Wellington St. W., Toronto
Wellings Mfg. Co. of Toronto Ltd.	67 Richmond St., Toronto
Williams Jewellery Co.	47 Duke St., Toronto
Wille, Frederick C., & Co.	20 Temperance St., Toronto
Windle, E. & Co.	521 Victoria Park Ave., Toronto

Directory of Firms in the Jewellery and Silverware Industry, 1958 - Concluded

Name of firm	Location of plant
(c) Jewellery Chiefly - Concluded	
Manitoba:	
Clay Law Limited	62 Albert St., Winnipeg
Dunn, W.E.	264 Portage Ave., Winnipeg
Ray-Serene Company, The	669 Main St., Winnipeg
Winnipeg Silver Plate Co.	786 Toronto St., Winnipeg
Saskatchewan:	
Kennedy, Logan R.	212-219-2nd St. E., Saskatoon
Thompson, S.	214 Birks Bldg., Saskatoon
Alberta:	
Baker, Bert, & Company	127 Eighth Ave. E., Calgary
Jedco Ltd.	10041-102nd St., Edmonton
British Columbia:	
Allbright Jewellery Co.	576 Seymour St., Vancouver
Bercha, F.E.	709 W. Georgia, Vancouver
Capital Mfg. Jewellers Ltd.	745 Yates St., Victoria
Carmichael, W.M.	1023 Fort St., Victoria
Castwell Co. Ltd.	210-680 Robson St., Vancouver
Diment Jewellers	Anchorage Rd., Lagoon
Esto Company	2468-W.-12 Avenue, Vancouver
Flewwelling, E.R.	18 Hastings St. W., Vancouver
Grimson & Sons Ltd.	163 Hastings St. W., Vancouver
Hawken & Co.	144 Hastings St. W., Vancouver
Jacoby Brothers Ltd.	434 Pender St., Vancouver
Jeffries & Co.	1028 Fort St., Victoria
Pallas, Mrs Madge	1657 E. Hastings St., Vancouver
Peri Mfg. Co.	1226 Granville St., Vancouver
Pressed Metal Products Ltd.	446 Railway St., Vancouver
Schratte, B.	210-680 Robson St., Vancouver
Trayling, E.J.	509 Richards St., Vancouver
Trayling-Waters	576 Seymour St., Vancouver
Zuker Jewellery Co. Ltd.	193 Hastings St. E., Vancouver

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