

~~552-00~~
~~616~~
~~D~~
~~1959~~
CATALOGUE No.

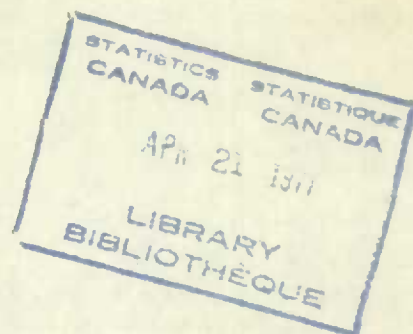
41-217

ANNUAL

Discontinued

See 41-221

41-228



THE MISCELLANEOUS IRON AND STEEL
PRODUCTS INDUSTRY
1959

Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

September, 1961
6523-523

Price 50 cents

553 .35
C16c
D
1959.

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 **Iron and Steel 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	S.C. - Special Compilation		
Catalogue number	Title			Price	
41-201	Iron and Steel Products - General Review (A)				.50
42-202	The Agricultural Implements Industry (A)				.50
41-205	The Boilers and Plate Work Industry (A)				.50
41-207	The Bridge Building and Structural Steel Industry (A)				.25
41-208	The Hardware, Tools and Cutlery Industry (A)				.50
41-209	The Heating and Cooking Apparatus Industry (A)				.50
42-208	The Machinery Industry (A)				.50
42-207	The Machine Shops Industry (A)				.50
41-210	The Iron Castings Industry (A)				.50
41-203	The Primary Iron and Steel Industry (A)				.75
41-213	The Sheet Metal Products Industry (A)				.50
41-216	The Wire and Wire Goods Industry (A)				.50
41-217	The Miscellaneous Iron and Steel Products Industry (A)				.50
41-001	Primary Iron and Steel (M)		per year	3.00	
41-002	Steel Ingots and Pig Iron (Preliminary) (M)		per year	1.00	
41-003	Production of Pig Iron and Steel (M)		per year	1.00	
41-004	Iron Castings and Cast Iron Pipes and Fittings (M)		per year	1.00	
41-005	Stoves and Furnaces (M)		per year	1.00	
41-006	Steel Wire and Specified Wire Products (M)		per year	1.00	
41-212	Scrap Iron and Steel (A)			.25	
63-203	Farm Implement and Equipment Sales (A)			.50	
64-202	Household Facilities and Equipment (A)			.50	
43-006	Air Conditioning and Refrigeration Equipment (M)		per year	1.00	
(S.C.)	Sanitaryware (M)		per year	1.00	
(S.C.)	Scrap Iron and Steel (M)		per year	1.00	
(S.C.)	Domestic Water Tank Heaters (M)		per year	1.00	
(S.C.)	Domestic and Farm Water Systems (M)		per year	1.00	
(S.C.)	Builders' Hardware (M)		per year	1.00	
(S.C.)	Heating Boilers and Radiators (M)		per year	1.00	
(S.C.)	Domestic Range Boilers (M)		per year	1.00	
(S.C.)	Cemented Tungsten Carbide (M)		per year	1.00	
(S.C.)	Welding Electrodes (M)		per year	1.00	
(S.C.)	Grinding Balls (A)			.25	
(S.C.)	Fans, Unit Heaters and Ventilators (A)			.25	
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

Remittances should be in the form of cheque or money order, 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.

SYMBOLS

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

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

SEP 20 1961

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 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 1959 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

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials 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*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

THE MISCELLANEOUS IRON AND STEEL PRODUCTS INDUSTRY

1959

The Miscellaneous Iron and Steel Products Industry includes the establishments which cannot be classified to any of the special groups into which the iron and steel industry is divided for statistical purposes. Products made in 1959 included ornamental and architectural iron work, steel forgings, safes, vaults and fittings; railway track equipment, steel wool, fireplace furnishings, horse-shoes, chains, sanitary ware, etc.

Of the 437 firms reporting in this industry in 1959, 197 were located in Ontario; 152 in Quebec; 47 in British Columbia; 18 in Alberta; 15 in Manitoba; 4 in Saskatchewan and 2 in each of Nova Scotia and New Brunswick. These firms afforded employment to a total of 10,291 people who were paid \$41,537,036 in salaries and wages. They spent \$2,932,595 for fuel and electricity and \$56,160,589 for materials for use in manufacturing processes. Value of factory shipments amounted to \$130,430,179.

**TABLE 1. Principal Statistics of the Miscellaneous Iron and Steel Products Industry,
Significant Years 1929-59, and by Provinces, 1958 and 1959**

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 production ¹
	number				dollars		
1929	61	3,664	5,262,296	163,537	8,451,363	8,537,269	17,152,169
1933	83	977	934,634	65,739	910,818	1,485,016	2,461,573
1937	104	1,312	1,468,984	86,707	1,520,705	2,195,315	3,802,727
1939	134	2,102	2,699,665	279,203	3,478,629	4,545,554	8,303,386
1943	161	48,567	95,810,305	3,294,764	181,658,309	179,745,001	364,698,074
1946	229	6,101	10,461,361	1,115,823	11,978,947	15,274,720	28,369,490
1949	224	5,119	11,888,724	1,089,358	15,015,551	20,923,607	37,028,516
1955	347	11,207	39,832,007	3,047,795	46,611,443	65,355,760	114,261,994
1956	369	11,449	41,021,637	3,161,355	53,893,506	70,705,790	124,764,242
1957	383	11,501	41,614,019	3,312,272	55,892,181	75,042,329	132,448,457
1958							
Nova Scotia	2	522	1,873,350	310,918	3,686,873	3,073,559	7,103,834
New Brunswick	2						
Quebec	156	2,356	8,475,067	671,852	12,305,956	12,437,750	26,568,013
Ontario	197	6,082	23,776,129	1,709,373	29,950,779	40,978,812	72,902,439
Manitoba	14	696	2,915,801	114,818	4,478,053	4,526,566	8,825,155
Saskatchewan	4	14	31,400	1,132	24,551	41,549	67,232
Alberta	16	141	493,104	21,858	478,538	700,688	1,190,798
British Columbia	42	398	1,536,230	106,778	1,921,742	2,565,774	4,607,441
Canada	433	10,209	39,101,081	2,936,729	52,846,492	64,324,698	121,264,912
1959							
Nova Scotia	2	413	1,401,997	278,662	3,556,282	1,672,706	5,750,576
New Brunswick	2						
Quebec	152	2,333	8,487,731	594,153	11,661,545	12,796,127	25,314,997
Ontario	197	6,110	25,922,202	1,768,161	33,111,577	47,322,777	80,854,126
Manitoba	5	741	3,055,988	118,499	4,727,414	6,247,854	11,155,106
Saskatchewan	4	27	55,580	1,742	43,338	76,491	121,571
Alberta	18	154	568,217	34,500	510,771	923,805	1,470,331
British Columbia	47	513	2,045,321	136,878	2,549,662	3,102,927	5,763,472
Canada	437	10,291	41,537,036	2,932,595	56,160,589	72,142,687	130,430,179

¹ Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

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.

IRON AND STEEL PRODUCTS

TABLE 2. Inventories,¹ 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Nova Scotia and New Brunswick	1,248,693	905,295	250,835	2,404,823
Quebec	3,241,886	1,388,458	811,857	5,442,201
Ontario	8,335,950	4,196,848	2,837,840	15,370,638
Manitoba and Saskatchewan	2,424,925	2,013,956	15,650	4,454,531
Alberta	111,516	12,516	19,181	143,213
British Columbia	314,615	341,138	188,351	844,104
Canada	15,677,583	8,838,211	4,123,714	28,639,510
Closing:				
Nova Scotia and New Brunswick	1,407,160	763,902	149,302	2,320,364
Quebec	2,875,870	1,469,020	468,123	4,813,013
Ontario	8,795,317	5,139,973	3,243,104	17,178,394
Manitoba and Saskatchewan	2,419,649	1,954,945	13,322	4,387,916
Alberta	111,325	19,785	10,657	141,767
British Columbia	371,862	201,961	353,523	927,346
Canada	15,981,183	9,549,586	4,238,031	29,768,800

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

(a) 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 Miscellaneous Iron and Steel Products Industry for the year under review are shown in the above table.

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

TABLE 3. Products Made in the Miscellaneous Iron and Steel Products Industry, 1958 and 1959

Product	Value of factory shipments	
	1958	1959
dollars		
Architectural work:		
Brass and bronze	476,021	513,065
Iron and steel	23,518,004	25,576,719
Stainless steel	820,682	1,230,882
Aluminum	5,112,521	7,174,380
Fireplace furnishings	709,929	853,861
Forgings, steel	16,585,961	18,761,849
Machinery	1,252,985	1,637,750
Railway frogs, switches and track equipment	4,056,501	3,873,790
Safes, vaults and fittings, for banks, offices, etc.	3,750,295	6,481,735
Sanitaryware (bathtubs, sinks, wash basins, etc.)	12,480,025	11,188,868
Structural shapes, fabricated	1,686,748	1,960,575
Received for repair and custom work	2,747,725	1,799,066
All other products	48,067,515	49,377,639
Totals	121,264,912	130,430,179

Note: Figures given in the above table cover only the output in this particular industry and do not necessarily represent the total output in Canada of the commodities which are listed.

TABLE 4. Materials Used in the Miscellaneous Iron and Steel Products Industry, 1958 and 1959

Material		1958		1959	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Castings (rough and semi-finished received from foundry):					
Iron (gray and malleable)	ton	911	298,378	936	324,763
Steel	"	2,833	894,897	2,188	784,491
Iron:					
Pig iron	"	9,000	560,647	7,335	443,458
Steel:					
Bars and rods	"	99,998	14,348,393	101,195	13,540,495
Pipe and fittings	"	—	1,420,253	—	1,803,084
Plates	ton	10,121	1,833,830	10,111	1,729,986
Sheets:					
Black	"	18,616	2,851,265	26,204	3,894,727
Galvanized	"	3,647	717,741	2,794	537,262
Tinplate	"	81	16,620	111	21,863
Strip	"	2,629	566,299	2,750	604,716
Structural shapes	"	33,576	5,571,799	32,041	5,321,835
Wire	"	2,042	399,275	2,272	439,639
Alloy steel in all forms:					
Stainless:					
Billets, bars and rods	"	—	180,205	—	239,357
Other	"	—	897,312	—	1,006,888
Other alloy and tool steel (including carbon, alloy and high speed steels):					
Billets, bars and rods	"	—	2,252,677	—	2,050,816
Other	"	—	518,075	—	606,242
Scrap iron and steel	ton	13,333	568,650	12,250	502,846
Other iron and steel	"	—	4,585,925	—	4,011,195
Ferro-alloys	"	—	32,433	—	26,857
Non-ferrous metals:					
Aluminum:					
Castings	lb.	102,951	52,444	230,451	138,472
Sheet	"	455,536	260,588	618,626	307,768
Other forms	"	1,918,075	1,036,749	2,816,438	1,545,692
Brass and bronze	"	1,360,613	585,329	1,087,608	503,342
Copper:					
Sheet	"	109,410	54,711	126,135	57,957
Wire	"	15,835	10,338	24,198	12,394
Other forms	"	211,662	99,434	329,750	125,011
Lead	"	68,932	11,591	87,434	15,129
Nickel	"	28,567	22,182	42,868	32,953
Tin	"	57	68	948	1,185
Zinc	"	367,614	44,790	388,742	48,371
Babbitt metals and solders	"	23,041	11,880	23,959	11,608
Other non-ferrous metals	"	...	23,724	...	25,952
Paints, oils and varnishes	"	...	175,465	...	187,402
Foundry coke	ton	3,982	130,470	3,391	114,438
Foundry sands	"	5,698	57,898	4,214	43,208
Plumbago and graphite	lb.	258,104	11,655	118,900	12,020
Lumber	M bd. ft.	776	100,952	830	110,155
Firebrick and cupola blocks	"	—	80,928	—	95,354
Fireclay	ton	1,375	23,606	509	15,276
Core oil	Imp. gal.	2,561	4,046	2,254	3,632
Shipping containers	"	—	981,788	—	1,098,473
All other materials ¹	"	—	11,069,257	—	13,764,177
Canada	"	—	52,846,492	—	56,160,489

¹ No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$100,000. The total value of materials used by these firms was, \$4,194,334 and this amount is included in "All other materials".

TABLE 5. Principal Statistics classified according to Type of Ownership, 1958 and 1959

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1958					
Individual ownership	168	674	1,885,954	1,794,932	4,754,572
Partnerships	74	441	1,406,231	1,501,934	3,740,122
Incorporated companies	191	9,094	35,808,896	49,549,626	112,770,218
Totals	433	10,209	39,101,081	52,846,492	121,264,912
1959					
Individual ownership	164	698	1,918,600	1,864,748	4,879,945
Partnerships	67	417	1,169,692	1,171,355	3,059,382
Incorporated companies	206	9,176	38,448,744	53,124,386	122,490,852
Totals	437	10,291	41,537,036	56,160,489	130,430,179

TABLE 6. Principal Statistics of the Miscellaneous Iron and Steel Products Industry in Canada, grouped according to Value of Factory Shipments 1958 and 1959

Establishments reporting value of factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1958					
Under \$10,000	59	102	130,954	129,436	346,273
\$ 10,000 to \$ 24,999	92	290	711,865	594,335	1,566,417
25,000 " 49,999	71	381	1,142,546	890,774	2,579,092
50,000 " 99,999	66	565	1,822,192	1,883,531	4,769,388
100,000 " 199,999	53	730	2,769,779	3,080,263	7,261,650
200,000 " 499,999	42	1,192	4,691,930	5,771,452	13,465,946
500,000 " 999,999	20	1,143	4,293,513	6,412,766	13,634,175
1,000,000 " 4,999,999	28	5,806	23,538,302	34,083,935	77,641,971
5,000,000 and over	2				
Totals	433	10,209	39,101,081	52,846,492	121,264,912
1959					
Under \$10,000	55	81	125,706	104,135	316,716
\$ 10,000 to \$ 24,999	86	258	607,287	523,875	1,483,577
25,000 " 49,999	66	344	992,398	832,023	2,374,126
50,000 " 99,999	64	577	1,768,595	1,579,654	4,313,587
100,000 " 199,999	61	847	3,225,400	3,294,087	8,378,283
200,000 " 499,999	48	1,447	5,765,391	6,705,907	15,410,998
500,000 " 999,999	25	1,327	5,307,879	7,253,730	16,887,551
1,000,000 " 4,999,999	30	5,410	23,744,380	35,867,078	81,265,341
5,000,000 and over	2				
Totals	437	10,291	41,537,036	56,160,489	130,430,179

TABLE 7. Employees and their Earnings in the Miscellaneous Iron and Steel Products Industry, 1958 and 1959

	Employees					Earnings		
Province	Supervisory and office		Workmen		Total	Supervisory and office	Workmen	Total
	Male	Female	Male	Female				
	number					dollars		
1958								
Nova Scotia and New Brunswick	72	31	419	—	522	451,917	1,421,433	1,873,350
Quebec	571	82	1,694	9	2,356	3,024,574	5,450,493	8,475,067
Ontario	1,068	339	4,056	619	6,082	7,045,479	16,730,650	23,776,129
Manitoba	181	32	482	15	710	1,003,468	1,943,733	2,947,201
Alberta	31	5	105	—	141	152,344	340,760	493,104
British Columbia	89	18	287	4	398	446,577	1,089,655	1,536,230
Canada	2,012	507	7,043	647	10,209	12,124,359	26,976,722	39,101,081
1959								
Nova Scotia and New Brunswick	59	21	333	—	413	362,638	1,039,359	1,401,997
Quebec	551	83	1,689	10	2,333	2,868,052	5,619,679	8,487,731
Ontario	1,111	329	4,171	499	6,110	7,510,444	18,411,758	25,922,202
Manitoba and Saskatchewan	194	31	531	12	768	1,093,784	2,017,784	3,111,568
Alberta	29	6	119	—	154	146,206	422,011	568,217
British Columbia	116	21	373	3	513	570,702	1,474,619	2,045,321
Canada	2,060	491	7,216	524	10,291	12,551,826	28,985,210	41,537,036

TABLE 8. Production Workers, by Months, 1959

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
	number			
January	5,215	550		
February	5,367	524		
March	5,408	547	682	16
April	5,352	493		
May	5,665	480		
June	5,652	485	751	15
July	5,560	491		
August	5,783	496		
September	5,821	491	742	16
October	5,611	480		
November	5,188	453		
December	5,105	445	641	14
Average for establishments reporting monthly detail			5,477	494
Average for establishments reporting quarterly detail			695	6
Average estimated for small establishments ³			1,044	24
Average for all establishments			7,216	524

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

² The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$200,000 and \$100,000.

³ For establishments generally reporting value of shipments of less than \$100,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Iron and Steel Products Industry, 1955-59

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	thousands of dollars						
1955	1,587	2,532	4,119	627	3,334	3,961	8,080
1956	2,218	4,112	6,330	782	3,452	4,234	10,564
1957	2,380	3,532	5,912	868	3,717	4,585	10,497
1958	1,025	2,048	3,073	784	2,741	3,525	6,598
1959 ^P	676	2,658	3,334	883	3,469	4,352	7,686

TABLE 10. Fuel and Electricity used in the Miscellaneous Iron and Steel Products Industry, 1959

Kind	Quantity	Cost at plant
Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 3,669	46,830
(b) Imported	" 18,671	215,417
Sub-bituminous coal (from Alberta mines only)	" 26	231
Anthracite coal	" 533	9,604
Coke	" 14	360
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 496,587	196,164
Fuel oil including kerosene or coal oil	" 6,786,827	815,261
Wood	cord 7	44
Gas:		
(a) Liquefied petroleum gases	Imp. gal. 193,984	31,172
(b) Other manufactured gas	M cu. ft. —	—
(c) Natural gas	" 561,305	382,525
Other fuel .....	...	15,800
Electricity purchased	kwh. 66,577,170	798,569
Steam purchased .....	...	37,567
Establishments reporting group detail: ²		
Cost of fuel .....	...	74,635
Cost of electricity .....	...	47,711
Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	260,705
All establishments:		
Total cost of fuel and electricity .....	...	2,932,595

¹ Establishments generally reporting value of shipments of \$200,000 and over.

² Establishments generally reporting value of shipments between \$100,000 and \$200,000.

³ Establishments generally reporting value of shipments of less than \$100,000.

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1959

Name	Address
Nova Scotia:	
Dominion Steel & Coal Corp. Ltd., Trenton Steel Division....	Trenton
Maritime Steel & Foundries, Limited	Glasgow St., New Glasgow
New Brunswick:	
Atelier Fer Forgé	100, rue Queen, Edmunston
St. Stephen Steel Company Ltd. (Maritime Steel & Foundry Ltd.)	St. Stephen
Québec:	
Alain, A., & Cie	197 St. André St., Québec
A La Vieille Forge Enrg.	St-Césaire
Art & Metal Enrg.	2567 Notre Dame, Ancienne Lorette
Arvisais, Marcel	115 rue Ste. Marie, Hull
Atelier Isabelle Enrg.	590 Melancon, Drummondville
Ateliers Tremblay & Fils	20, rue Bagot, Bagotville
Au Dragon Forgé	269A Boul. Ste-Rose, Ste-Rose
Audet, J.E. Soudures Inc.	455-1ère Ave., Québec 3
Au Fer Forgé	St-Césaire
B. & L. Stamping Co. Ltd.	3831 Dicken Ave., Ville St. Michel
Beauregard B. & Fils Ltée	20 Mont Vernon, Montreal
Bédard J.B.	187 L'Espinay, Quebec
Bégin, Gaston	St. Louis de Pintendre
Benoit Iron Works	3781 Prieur, Montreal
Benoit Richard Fer Ornamental	3153 Beaudry-Lehman, Shawinigan Falls
Bernard Industries Enrg.	10414 Balzac, Montreal N.
Blanchette, Hervé Ltée	1665 Laviolette, Three Rivers
Bolduc, H.	339-15ième rue, Québec
Boudreau & Fils Enrg.	657 St. Roch, Trois Rivières
Brochu, Florent	20-8ième ave N., Sherbrooke
Brome Iron Works	Brome
Bros. R. & D. Ornamental Metal Works Reg'd.	534 Dollard, Ville La Salle
Brousseau, R.	2850 Lacordaire, Montréal
Burnside Iron Works	1184 Preston Lane, Montreal
Canadian Forge Co. Ltd.	5570 Iberville St., Montreal 36
Canadian Welding Works, Limited	4486 Bourbonnière Ave., Montreal 36
Charest Steel Co. Ltd.	8027-14th Avenue, Ville St. Michel
Charland Iron Works Reg'd.	2730 Charland, Montreal
Classic Ornamental Metal Works	8695-10th. Ave., Ville St. Michel
Conrad Cliche Fer Ornamental	36 Victoria, Victoriaville
Continental Architectural Iron Works	703 St. Martin, Montreal 3
Continental Metal Products Ltd.	340 Lorrain, St. Jérôme
Coulombe Ornamental Iron Works Co.	13 St. Andre, Terrebonne
Crane Steelwares Limited	Industrial Centre # 5, Quebec
Crown Welding Co.	460 rue Fairfield, Greenfield Park
Dario, F., & Frères	8631 de Teck, Montreal 5
Desaulniers, Denis	44 St. Augustin, Louisville
Desrosiers, Marcel	Rue Blain, St. Hilaire
Desrosiers, R., & Frère	486 St-Jacques, St. Johns
Die-Cast Engineering Co.	445 Beauharnois St., Montreal
Do-Mor Steel Alloy Inc.	153 Principale St., Basile-Le-Grand
Dominion Steel Works Reg'd.	8020-14e Ave., Ville St. Michel
Dominion Tank & Mechanical Works	8751 Blvd. Omer Gaucher, Rivière-des-Prairies
Dorion Iron Works Reg'd.	31 St. Charles, Dorion
Dozois St. Jean Ltée	2089 Sanguinet, Montreal
Dubé Metal Works	5828 St. André St., Montreal
Dubois & Frères Enrg.	825 Lockwell, Quebec
Dumas, Robert	115 Blvd. Terrebonne, Terrebonne
Dumco Metal Products Co. Ltd.	553 St. Hubert, Pont Viau
Duguet & Gariépy Enrg.	307 St. Eustache, St. Eustache
Entreprises J.L. Parent Ltée	7938-14e Ave., Ville St. Michel
Etwell & MacDonald Ornamental Iron Reg.	2C Valois Bay Ave., Valois
F.T.S. Enrg.	99 Charleroi, Quebec
Faustin, Co. Ltd.	3325 Notre Dame St. E., Montreal
Fer Forgé Enrg.	419-10ième rue, Québec
Fer Forgé Moderne	115 St. Paul, Drummondville
Fer Ornamental Drummond Enrg.	182 St. Frédéric, Drummondville
Fernando Ray, Fer Ornamental	241 Prairies, Laval Des Rapides
Fernando St. Hilaire	141 St. Dominique, Quebec
Forge Laurentienne Enrg.	St. Félix de Valois
Forge Moderne Inc.	206 Notre Dame, L'Épiphanie
Forge St-Vincent, Enrg.	475, rue Bellevue, St-Vincent-de-Paul
Fortier Fer Ornamental Enrg.	Ste-Clothilde de Horton
Froschi & Liberatori	6759 St. Urbain St., Montreal
Gaumont, L.R., Ornamental Iron Works	6881 St. André St., Montreal
Gauthier & Julien Ltée	Portneuf Station
G.D. Engineering Reg'd.	8692-9th Ave., Ville St. Michel

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1959 - Continued

Name	Address
Québec - Continued:	
General Artistic Metal Works Reg'd.	8109 Blvd. Lévesque, Ville St. François
Godin, J.P. & Fils	920 Montcalm, St. Joseph de Sorel
Harbour Steel Works Ltd.	537 Notre Dame, St. Sulpice
Héroux, Louis, & Fils, Limitée	50 Mondor, St-Hyacinthe
Houle, Lucien	St. Albert
Hull Iron & Steel Works	25 Mangin, Hull
Ideal Modern Forge	4342 Quinn Lane, Verdun
J.D. Steel Works Co. Limited	7241 Pie IX Blvd., Montreal
L'Allier, J.E.M.	4602 Iberville, Montreal
L'Art Ornamental	9750 Delorimier St., Montreal
La Forge Artistique Enrg.	Rue St. Romuald, Farnham
La Forge D'Art	1665 Demontigny E., Montreal
La Forge Du Nord Enrg.	128 Grande Côte, St. Eustache
La Forge Ornamentale	1377 Antonio, St. Martin
La Forge Parrot	258 St-Denis, St. Lambert
La Métallurgie Moderne Enrg.	390 - 10th Ave., Sherbrooke
La Salle Welding Inc.	2000 Kent, Montreal 24
La Vieille Forge de Rouyn	1085 rue Larivière, Rouyn
Landry, L., Fer Ornamental	8031 - 13ième, Ville St. Michel
Langlois, Lucien	67 Chemin St. Louis, Beauharnois
Lanthier, A. Metal Enrg.	378 Rue St. Anne, St. Jérôme
Larouche, Wellie	50 Léohidas, Rimouski
Laurentide Metal Stamping Ltd.	64 Boyer St., St. Jérôme
Lavergne Fer Ornamental, Enrg.	1281 - 7 East Ave., Grand'Mère
Le Fer Ornamental de St. Félicien	St. Félicien
Lebrun, Les Frères	3065, Boul. Royal, Trois-Rivières
Leclerc & Leclerc Enrg.	2423 St. Georges, Quebec
Les Industries Super Metal Enrg.	442 Rue Vitré, Québec
L'Industrie Troy Enrg.	219 Grand Allée, Québec
Locweld & Forge Products Limited	1545 Cabot St., Montreal
Lord & Fils Cie Ltée	2691 Delorimier, Jacques-Cartier
M. & S. Metal Works Reg'd.	1270 Bourdages, St. Hyacinthe
Main Iron Works, Limited	4881 St. Lawrence Blvd., Montreal
Marchand, Adélard	1124 St. Vallier Est, Québec
Mathieu & Moisan Enrg.	1078 Rue Scott, Québec
Mercury Piping Co. of Canada Ltd.	1100 Pacific Ave., Lachine
Metal Powders Inc.	73 - 5th Ave., Iberville
Metal Powders Inc.	15 St. Joseph St., Lachine
Modern Iron Works Ltd.	5460 St. Lawrence Blvd., Montreal 14
Montreal Iron Works, Limited	4405 Côte de Liesse Road, St. Laurent
Montreal Forged Products Limited	6900 Papineau St., Montreal 35
Montreal Metal Worked Products Limited	6565 Durocher Ave., Outremont
National Ornamental Iron Works	2327 Delorimier Ave., Montreal
Noel Ornamental	St. Rémi
Pare, R., Ornamental Iron Products	7355 Lévesque, Ville D'Anjou
Pointe Claire Ornamental Iron Works	22B St. Joachim, Pointe-Claire
Poirier, Louis	8572 - 10th Ave., Côte-St-Michel, Montreal
Poulin, J.B., Inc.	150 - 5th St., Limoilou
Prescott Iron Work	10050 Plaza, Montreal-Nord
Progress Factory Supplies Reg'd.	490 Ash, Ave., Montreal
Reno-Metal Specialities Limited	8422 - 10th Avenue, Ville St. Michel
Robb, Joseph, & Co. Ltd. Engineering Div.	5575 Côte St. Paul Rd., Montreal
Rodrigue & Frère Enrg.	361 Dorchester St., Quebec
Roy, Marcel	1700 Blvd. L'Ange Gardien, L'Assomption
Roy, Irénée, Limited	109, rue Dubé, Thetford Mines
Silverman Iron Works Reg'd.	3424 Colonial Ave., Montreal
St. Denis Ornamental	3640 Industrial St., Montreal
St. Eustache Ornamental & Iron Works	90 rue Labrie, St. Eustache
St. Germain & Perreault	5222, rue Des Érables, Montréal
St. Hubert Fer Ornamental	Rue Guy, St. Hubert
St. Jean Fer Ornamental Enrg.	224 Place du Quai, St. Jean
St. Lawrence Sheet Metal Works	5411 St. Lawrence Blvd., Montreal
St. Michel Ornamental Metal Works Reg'd.	7190 - 1st Ave., Ville St. Michel
Savage, M., Mfg. Reg'd.	470 Victoria, Lachine
Sorel Industries, (1959) Limited	St. Joseph de Sorel
South Ornamental & Iron Work Reg'd.	Springfield Park
South Shore Ornamental Iron Works Reg'd.	270 Derome, Brosseau Station
T.L.F. Structural Steel Reg'd.	2694 Létourneux St., Montreal
Therrien & Frères Inc.	343 - 10e Ave. S., Sherbrooke
Thibault, L.S. Philippe	21 rue Racine, Bale St. Paul
Tremblay, Adéodat	91 rue Puyjalon, Hauteville
Tremblay & Bouclay Inc.	5810 Iberville St., Montreal
Tremblay, Rosario	240 Rue St. Joseph, Alma
Truscon Steel Co. of Canada, Ltd.	Ville La Salle
United Metal Works Reg'd.	481 St. Joseph, Lachine
Universal Metal Works Inc.	1450 Provincial St., Quebec 8

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1959 - Continued

Name	Address
Québec - Concluded:	
Usine d'Outillage Gauthier Ltée	320 de Bellefeuille, St-Jérôme
V.D. General Metal Works	9484 Hamelin St., Montreal
Verdun Ornamental Iron Works	1146 Hickson, Verdun
Victoria Ornamental Metal Works	8975 Park Ave., Montreal
Victor General Contractors	2137 Bleury St., Montreal
Vulcan Steel Architectural Const. Limitée	11243 Victoria St., Montreal East
Waverly Ornamental Iron Works Limited	6988 Grand Avenue, Montreal 10
Wertheimer Iron & Sheet Metal Works	9060 St. Lawrence, Montreal
West End Iron Ornamental Reg'd.	5930 d'Aragon St., Montreal
Ontario:	
A.A.A. Ornamental Iron & Aluminum Co.	65 Wolsely St., Toronto 2B
Accurate Ornamental Iron & Welding Co.	3036 Dundas St. W., Toronto 9
Acme Iron Company	11 Bishop St., Toronto 5
Acme Steel Co.	743 Warden Ave., Scarborough
Acorn Manufacturing Co.	15 Crooks St., Fort Erie
Acrow (Canada) Limited	4242 Dundas St. W., Toronto 18
Adams, S.D., Welded Products Ltd.	Sackville Ave., Sault Ste. Marie
Adanac Ornamental Iron Works Ltd.	812 Upper James St., Hamilton
All-Round Mfg. Co. Ltd.	84 Queen Elizabeth Blvd., Toronto
Alward, R., & Son	Straffordville
American Standard Products (Canada) Ltd.	800 Lansdowne Ave., Toronto
Anderson Mfg. Co.	3487 Dundas St. W., Toronto 9
Apex Bolt Products of Canada	28 Milford Ave., Toronto 15
Arco Ornamental Iron Co.	Nash Road, Hamilton
Armson Iron Works Limited	1558 Howard Ave., Windsor
Art Fixtures & Metal Co.	197-30th St., Toronto 14
Art Wire & Iron Co. Limited	3 Carlaw Ave., Toronto 8
Atchison's Steel Fabrication	3 Clarkeside Road, London
B. & M. Ornamental Railings	88 St. George, Toronto
Bell Metalcraft Ltd.	65 Broadview Ave., Toronto 8
Binnie Ornamental Iron Works	339 York St., Hamilton
Borden Metal Products (Canada) Ltd.	Dayfoot Street, Beeton
Border Cities Wire & Iron Ltd.	961 Walker Rd., Walkerville
Braun A.J., Mfg., Limited	289 Victoria St. N., Kitchener
Brem Enterprises	200 Bedford, Toronto
Breuls Manufacturing Company	6166 Yonge St., Willowdale
Brockhouse, J. & Co. (Canada) Ltd.	542 Evans Ave., Toronto 14
Brooks Mfg. Company	366 Rogers Road, Toronto 10
Bryan Chrome Products	666 King St. W., Toronto
C.B. Wrought Iron Mfg.	185 Willowdale Ave., Willowdale
Calladine Construction & Metals Ltd.	113 Cartwright Avenue, Toronto
Canada Block Co. Ltd.	20 Division St., St. Catharines
Canada Foundries & Forgings, Ltd.	Empire St., Welland
Canada Foundries & Forgings, Ltd.	Major St., Welland
Canadian Arsenals Limited	Toronto Twp.
Canadian Arsenals Limited (Gun Ammunition Division)	100 Albert St. S., Lindsay
Canadian Drop Die Co.	7 Orange St., Leamington
Canadian Gasket Co., Limited	505 Central Ave., Fort Erie
Canadian-Met-Craft Industries Ltd.	366 King St. N., Waterloo
Canadian Ornamental Iron Co. Ltd.	77 Rivalda Road, Toronto 15
Canadian Pittsburgh Piping Ltd.	835 Beach Rd., Hamilton
Cansteel Ltd.	909 Dixon Rd., Malton
Carroll's Canadian Metals	3141 Danforth Ave., Toronto 13
Central Ornamental Iron Works Ltd.	3 Gertrude St., Hamilton
Central Steel Works	364 Queen St., Peterborough
Central Welding Works	800 Ferguson St., North Bay
Chubb Safe Co., Ltd.	577 Oxford St., Toronto
Cleland Metal Products Limited	Welland Ave. at Export St., St. Catharines
Cooley, H.W., Machine & Arms Company Ltd.	415 King St. W., Cobourg
Cunningham & Lea Ltd.	55 Blake St., Toronto 6
Custom Iron & Cement Work	315 Montfort St., Ottawa
Custom Ornamental	357 South St., Windsor
Detroit Gasket & Mfg. (Canada) Ltd.	Eastside Centre St., Petrolia
Devon Metal Products	3100 Danforth Ave., Toronto
Dexion (Canada) Ltd.	114 Clayson Rd., Toronto 15
Dishald of Canada Ltd.	54 Peter St., Toronto
Diamond Tool & Horse Shoe Company	580 Front St. W., Toronto 2B
Dominion Brake Shoe Co. Ltd.	256 Portage Rd., Niagara Falls
Dominion Forge Limited	2480 Seminole St., Walkerville
Dominion Iron Works	153 Fraser St., Kingston
Dominion Iron & Welding Works Reg'd.	181 Granville, Eastview
Dundas Iron & Steel Limited	46 Fieldway Road, Toronto 18
Eastview Iron Works	72 St. Cecile, Eastview
Eberhard & Shives Ltd.	625 Maitland St., London

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1959 - Continued

Name	Address
Ontario—Continued:	
El-Met-Part Ltd.	Dundas
Emberley Enterprises	57 Raleigh Ave., Toronto 10
Emil's Ornamental Iron Works	16 College St., Kitchener
Etobicoke Ironworks Ltd.	157 Rivaloa Rd., Weston
Express Metal Spinning	6 Phoebe, Toronto
Fabricated Steel Products (Windsor) Ltd.	1537 Mercer St., Windsor
Flexonics Corp. of Canada Ltd. (Canadian Metal Hose Div.)	134 Nelson W., Brampton
Freeman & Son	892 Yonge St., Toronto 5
Friberg Metal Products	356 McRae St., Ottawa
Galt British Forge	134 Beverley St., Galt
General Conveyor Co.	126 Willowdale Ave., Willowdale
General Die & Machine Co. Ltd.	34 Major St. E., Welland
Gilbert Bros. Ltd.	371 Olivewood Road, Toronto 18
Great Lakes Forgings Ltd.	740 Matthew Brady Blv'd., Riverside
Grinnell Co. of Canada, Northern Power Plant	435 Fleet St. W., Toronto 2B
H. & K. Steel Fabricating Co.	2358 Haines Road, Dixie, Port Credit P.O.
Hamilton Guild of Metal Crafts Limited	110 Queen St. N., Hamilton
Hamilton Ornamental Iron Works	322 Gage Ave. N., Hamilton
Hauser, John, Iron Works Limited	148 Bedford Rd., Kitchener
Hauserman of (Can) Ltd.	Mallard Rd., Don Mills
Hodgson's Steel & Ironworks	Kalar Rd., R.R.#1, Niagara Falls
Holbeck, B.A.	R.R. 3, Tillsonburg
Imperial Plating Rack Co. Limited	Oxford St. E., London
Industrial Fabricators	209 Tunnel St., Sarnia
Irwin, G.J.	91 Forest, Guelph
Jet Metal Products	1225 Lawrence Ave. W., Toronto
K.W. Ornamental Iron Works	25 Weber St. N., Waterloo
Kawneer Company (Canada) Ltd.	1460 Don Mills Rd., Toronto 6
Kendall Bronze & Iron Works Ltd.	2480 Dufferin St., Toronto 10
Kerker, J., & Son	3345 Danforth Ave., Toronto
Kern Ornamental Iron Works	42 Wellington St. W., Chatham
Kilian Mfg. Corp., (Canada) Ltd.	90 Queen Elizabeth Blvd., Toronto 18
Kingsway Iron Works	348 Munster Ave., Toronto 18
Kitchen Installations Ltd.	Building #113, Ajax
Kitchener Forging Co.	612 Victoria N., Kitchener
L.S. & Dick Company Ltd.	2536 Dougall, Windsor
Leaside Iron & Ornamental Co.	121 Laird Drive, Leaside
Leeson & Baxter	75-32nd St., Long Branch
Lincoln Iron Works Limited	21 Wright St., St. Catharines
Maier Iron Works	287 Rustic Rd., Toronto
Mayfair Wrought Iron Sales	1624 Dundas Hwy., Dixie
McDermott & Associates	982 Roselawn, Toronto 19
McDonald, C.J. Co.	344 Bering Ave., Toronto
Medland Enterprises Limited	1244 Dufferin St., Toronto 4
Metal Bendings & Furniture Limited	43 Colville Ave., Toronto
Metal Craft Co.	R.R. #3, Pickering
Metal Smiths Co. Ltd.	1073 Yonge St., Toronto 5
Metropolitan Metal Spinning Co. Ltd.	15 Jutland Rd., Toronto 14
Millard & Lumb	King St. East, Kingston
Model Railings Ltd.	28 Cranfield Rd., Toronto
Modern Ornamental Iron Works	16 Macallum, Hamilton
Modern Railings & Metalcraft Ltd.	10 Dawes Rd., Toronto 13
Monsa Steel Limited	1121 Castlefield Ave., Toronto
Moore Dry Kiln Co. of Canada Ltd.	Brampton
Moore's Mfg. Steel Products	1005 St. Lawrence Ave., Niagara Falls
Mount Dennis Welding Ltd.	1001 Weston Rd., Toronto 9
Myatt, E., & Co. Ltd.	21 Carlaw Ave., Toronto 8
Nailon Products Co.	247 Duke St. W., Kitchener
Neat End Cigarette Maker	130 Leyton Ave., Toronto 13
Nepco of Canada Limited (Div. of H.K. Porter (Can) Ltd.)	Woodstock
New Method Railing	R.R. 1, Oakville
Newtonbrook Iron Works	#7 Highway & Leslie St., Gormley
Nicol Mfg. Co.	32 Brydon Drive, Rexdale
Niguette Frères	932 St. Laurent, Ottawa
Norris Iron Works Limited	818 Eastern Ave., Toronto 8
Nothof, E., & Sons	159 Albert St., London
Oakville Iron Works	321 Allan St. N., Oakville
Oliver-Woods Metal Spinning Co.	8 Beaconfield, Toronto 3
Ornamental Iron	199 Concession, Kings 33
Oshawa Ornamental Railings	227 Pearson, Oshawa
Ottawa Iron Works Ltd.	256 McArthur Rd., Eastview
Peeriess Plating Rack Co.	200 Bedford Rd., Toronto 5
Pengelly Iron Works Ltd.	47 Rivaloa Rd., Weston
Peninsula General Blacksmith & Iron Works	Petrie St., St. Catharines
Peninsula Iron Works	1654 Glenholme Ave., Niagara Falls
Perth Metal Industries Limited	128 Monteith Ave., Stratford

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1939 - Continued

Name	Address
Ontario - Concluded:	
Phillips, G.E., Limited	3293 Dufferin St., Toronto 10
Port Hope Sanitary Mfg. Co. Ltd.	Port Hope
Powco Steel Products Ltd.	24 Ingram Drive, Toronto 18
Premier Spring & Manufacturing Co.	Ayr
Preston Steel Products, Div. of Frank Wells	Preston
Quinte Machine & Repair Co. Ltd.	Frankford Road, Trenton
R. & Y. Tool & Die Co. Ltd.	36 Emmett Ave., Fonthill
Ralph's Ornamental Iron Works	112 Market St., Hamilton
Ramm G.W., Co. Ltd.	297 Iroquois, Port Credit
Ray Twist Ornamental Ironcraft	230 Vancouver St., London
Ray Welding & Iron Works Co.	15 Fisher St., Toronto
Regan's, Len, Ornamental Iron	Bayshore, Deseronto
Regina Ornamental Iron Works	3 Toro Road, Downsview
Richmond Machine & Tool	1222 Dundas St. W., Toronto 3
Richvale Ornamental Iron	16th Ave., Richvale
Rieke Metal Products Canada Ltd.	77 Eastern Ave., Brampton
Riverside Fabrication & Welders	312 Lauzon, Riverside
Roberts, Art, & Son	1021 Barton St. E., Hamilton
Romat Ornamental Iron Limited	11A Busy St., Toronto 1
Roper Steel Construction Co.	2902 Eglinton Ave. E., Scarborough
Rostek, Alfons	718 McDougall St., Windsor
Sass Mfg. Limited	R.R. No. 4, Chatham
Seeley, J.W. Industries Ltd.	Holland St., Dundalk
Steel Company of Canada, Limited	River St., Gananoque
Stirling Page Industries Limited	1177 Caledonia Rd., Toronto 10
St. Lawrence Steel & Wire Co. Ltd.	Gananoque
Streamline Metalcraft Co. Ltd.	142 Bentworth Ave., Toronto 19
Sudbury Ornamental Iron Works Limited	47 Sudbury Jct. Rd., Sudbury
Superior Barn Equipment Company Ltd.	Fergus
Thamesville Metal Products, Limited	Thamesville
Tope, G., & Son	Jordan
Toronto Railings	61 Logan Ave., Toronto 8
Trudel & McAdam, Limited	399 Laurier Ave. W., Ottawa 4
United Fabricators Limited	Oxford St. E., London
United Flexible Metallic Tubing (Canada) Limited	128 Centre St. E., Richmond Hill
Universal Form Clamp Co. of Canada, Ltd.	226 Norseman St., Toronto 18
Universal Sections & Mouldings Limited	100 Canadian Road, Scarborough
Universal Welding & Steel Products	560 Parkdale Ave. N., Hamilton
Victor Manufacturing & Gasket Company of Canada Ltd.	Victor Dr. & Chester St., St. Thomas
Victory Metal Works	218 John, Toronto
Walter's Welding & Iron Works	Wellington S., Hamilton
Welco Iron Works	353 Dain Ave., Welland
Welland Vale Mfg. Co. Ltd. (Shurly Works)	Phelps St., St. Catharines
Wellington Welderies Limited	15 Alma St. S., Guelph
Wenger, E.	718 Ossington Ave., Toronto 4
West Brant Apiary Supplies	224 Colborne St. W., Brantford
Weston Metal Fabricators Limited	272 Main St., North Weston
Weston Steel Products	30 Brydon Drive, Rexdale
Wilby Iron Works	3 Wilby Crescent, Weston
Willoughby Tool & Die Works	141 Garrison Rd., Fort Erie
Wilson Mfg. Co.	Bolton
Wilson Jones Co. (Canada) Ltd.	107 Front St. E., Toronto
Wrought Iron Ornamental Works	222 Mavety St., Toronto 9
Wrought Iron Products	R.R. #8, Clarke Side Road, London
York Metal Spinning & Specialties Limited	35 Industrial Rd., Richmond Hill
Manitoba:	
Art Metal Products	637 Lafleche, St. Boniface
Atlas Industries	1835 Aagaard Ave., Brandon
Automatic Stacker Co. Ltd.	810 Archibald St., St. Boniface
Betts-Eastman Ltd.	780 Portage Ave., Winnipeg 10
Buck's Ornamental Iron Works	205 Berry St., St. James
Cowin & Co. Ltd.	1137 Pacific Ave., Winnipeg
Dominion Bronze & Iron, Limited	1145 Pacific, Winnipeg
General Machine & Welding Ltd.	148 Grandin Ave., St. Boniface
Henry's Iron Works	2619 Henderson Hwy. R.R. #3, Winnipeg
Kings Ornamental Iron Works	1898 Main St., Winnipeg
Manitoba Bridge & Engineering Works Ltd.	845 Logan Ave., Winnipeg
Watson's Iron & Wire Works	711 Maryland St., Winnipeg
Western Tools & Industries Ltd.	144 Messenger St., St. Boniface
Wolfe's Iron Works	291 Sherbrook St., Winnipeg
Wrought Iron Products	634 Erin St., Winnipeg
Saskatchewan:	
Iron Railing Co. of Saskatoon	116 Avenue K. South, Saskatoon

List of Firms in the Miscellaneous Iron and Steel Products Industry, 1959 - Concluded

Name	Address
Saskatchewan - Concluded:	
Modern Iron Products	140 Avenue C. South, Saskatoon
Nutana Iron Works	620 Main St., Saskatoon
Ornamental Iron Works	640 Avenue N. South, Saskatoon
Alberta:	
C.K. Steel & Machinery Limited	1327A - 9th Ave. S.E., Calgary
Central Ornamental Iron	829 - 2nd Ave. S.W., Calgary
Collins Rail & Ornamental Works Limited	15601 - 112 Ave., Edmonton
Deco Mfg. & Sales Co.	7223 - 104th St., Edmonton
Edmonton Iron & Wire Works	10361 - 96th St., Edmonton
General Tinning Co. Ltd.	10581 - 105th St., Edmonton
Gene's Welding & Fabricating	10411 - 95th St., Edmonton
Industrial Iron Works Ltd.	4020 Edmonton Trail, Calgary
Iron Railings Co. of Edmonton	14524 - 115th Ave., Edmonton
Jacobs Ornamental Iron Works Ltd.	10565 - 114th St., Edmonton
Mitchell Paraffin Scrapers Ltd.	12510 - 123rd St., Edmonton
Quality Ornamental Iron Works	807 - 11th Ave. W., Calgary
Scandia Iron Works	50 Westview Drive, Calgary
Scott, S.F., Mfg. Co. Limited	766 - 14th St. S.W., Medicine Hat
South Side Ornamental Iron Works	8111 - 104th St., Edmonton
Wemas Metal Mfg. Co. Ltd.	616 - 35th Ave. N.E., Calgary
Western Ornamental Iron Works	240 - 3rd Ave. E., Calgary
Witke Iron Works	2221 - 15th Avenue, Medicine Hat
British Columbia:	
Alliance Ware Ltd.	1590 Powell St., Vancouver 6
Art Iron Limited	5550 E. Hastings St., Burnaby 2
B.C. Iron Art	7183 Curragh Ave., Burnaby
Blair Iron Works Ltd.	825 Agnes St., New Westminster
Canada Chain & Forge Co. Ltd.	Granville Island, Vancouver 9
Coast Metal Craft	624 Queens Ave., Victoria
Continental Metalcraft Co.	456 East 5th Ave., Vancouver 10
Crescent Iron Works	22,555 Lougheed Highway, Haney
Custom Craft Ornamental Iron	9881 - 140th St., Surrey
Dan-Can Manufacturing Co.	1723 W. 4th Ave., Vancouver 9
Dura-Steel Co. Ltd.	1375 E. Pender, Vancouver
Edwards Welding Limited	737 Broughton St., Victoria
Fletcher Lock & Safe Co. Ltd.	328 Cordova St. West, Vancouver 3
Flexible Window Screens	3617 W. 48th Ave., Vancouver 13
General Iron Works	20257 - 42nd Avenue, Langley
Helvetica Iron Works	674 Edmonds St., Burnaby
Home Ornamental Iron Works	44 E. Broadway, Vancouver 10
Ironcraft Company	1570 S. Boundary Rd., North Burnaby
Ironcraft Art Metal Products Ltd.	1558 Cedar Hill Crossroad, Victoria
Iron Railing Co.	134 Seymour St., Vancouver
Island Ornamental Iron Works	871 Alexandra Road, Richmond
Jenkins T.	224 - 10th Ave., New Westminster
Johnstone Fabricators Limited	680 Industrial Ave., Vancouver 4
Kingsway Fireplace Appliances & Ornamental Metal Ltd.	996 Kingsway, Vancouver 10
Lister Iron & Chain Works Ltd.	2021 Alberta St., Vancouver 10
McBain, A.J., Ltd.	1968 W. Georgia St., Vancouver 5
Mcquat Industries Ltd.	1500 Pemberton Ave., North Vancouver
National Shield Weld Limited	882 E. Cordova St., Vancouver
North West Iron Works Ltd.	1488 Fulton Ave., West Vancouver
Ornamental Bronze Co. Ltd.	1125 Vernon Drive, Vancouver 6
Pearson Wire & Iron Works (1941) Ltd.	2105 Franklin St., Vancouver 6
Pion Ornamental Iron Works	2306 Burrard St., Vancouver 9
Premier Engineering & Iron Works	6984 Kingsway, Burnaby 1
Riverside Iron Works Limited	1887 Marine Drive, North Vancouver
Samco Engineering Limited	911 Beckwith Road, Richmond
Scandia Iron & Metal Works	3857 East 1st Ave., Burnaby
Severson Bros. Iron works	10553 - 120th St., North Surrey
Spin-Craft Mfg. Co.	1599 Venables St., Vancouver 6
Surrey Iron Works Ltd.	12,294 - 104th Ave., North Surrey
Swiss-Canadian Ornamental Iron	3771 Napier St., North Burnaby
Tony's Welding Shop	414 Tranquille Rd., North Richmond
Tryson & Son Iron Works Ltd.	8975 Dak St., Vancouver
Vulcan Metal Works	Granville Island, Vancouver
Weldcraft Company	1306 Boundary Rd., Burnaby
Western Wrought Iron Works	240 E. Esplanade, North Vancouver
Wilfro Mfg. Co. Ltd.	880 Clarke Drive, Vancouver 6
Williamson, John M.	56 W. 61st St., Vancouver



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010699629