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THE PRIMARY IRON AND STEEL INDUSTRY

1958

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

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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 **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
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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
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41-005	Stoves and Furnaces (M)	per year	1.00
41-006	Steel Wire and Specified Wire Products (M)	per year	1.00
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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.

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 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.

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[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*.

THE PRIMARY IRON AND STEEL INDUSTRY

1958

Statistics for the Primary Iron and Steel Industry include data for all establishments in Canada which were engaged chiefly in the manufacture of (a) pig iron, (b) ferro-alloys, (c) steel ingots and steel castings, (d) hot-rolled steel products, (e) cold-drawn steel bars, strips and shapes. Fifty firms were included in this industry in 1958 and reports received covered 63 different plants or departments, including 5 blast furnace departments, 4 ferro-alloy plants, 38 steel furnace divisions and 16 rolling or drawing mills.

Factory sales of pig iron, ferro-alloys, steel ingots and castings and finished rolled products were 16.2 per cent lower in value in 1958 than in 1957, the totals being $590,317,696 and $704,565,791 respectively. Contributing factors were a general low level of economic activity and a strike at one of the major steel companies. Nineteen plants in Ontario (comprising 27 separate plants or departments) accounted for 77.4 per cent of the total for Canada, or $456,943,390; 16 plants in Quebec (comprising 17 separate plants or departments) accounted for 10 per cent or $58,836,090; 3 plants in Nova Scotia (comprising 5 separate plants or departments) for 9.3 per cent or $54,815,366, while the remaining $19,722,850 or 3.3 per cent was accounted for by 12 plants in Manitoba, Alberta and British Columbia (comprising 14 separate plants or departments).

In 1958 a total of 30,261 people were employed in this industry as compared with the 1957 total of 35,944. Seventy per cent of the employees, or 21,249, worked in plants in Ontario, 3,999 in Nova Scotia, 3,560 in Quebec and 1,453 in Manitoba, Alberta and British Columbia. Payments in salaries and wages during 1958 amounted to $148,023,062, a decrease of 13.3 per cent from the previous year's total of $170,779,346. Most of the decrease was accounted for by wages which fell to $115,403,506 from $139,423,564. Salaries advanced to $32,619,556 from $31,355,782.

Materials used in manufacturing processes cost $250,699,538 in 1958 compared with $329,582,384 in 1957, and the cost of fuel and electricity was $28,905,568 against $36,755,262, a 23.7 per cent decrease in the expenditures for materials, fuel and power.

PIG IRON

Output of 3,059,579 net tons of pig iron in 1958 was 17.7 per cent lower than the 3,718,350 tons reported for the previous year. Production of basic iron amounted to 2,665,705 tons or 87.1 per cent of the total; foundry iron amounted to 43,755 tons and malleable iron to 350,119 tons — see footnote 2 to Table 4.

Producers' sales of pig iron totalled 429,708 tons at $24,878,802 compared with 734,353 tons at $40,953,372 in 1957.

Charges to iron blast furnaces during the year included 3,384,351 tons of crude iron ore, 2,071,147 tons of beneficiated iron ore (sintered, pelletized, etc.), 2,470,378 tons of coke and 760,708 tons of limestone.

Imports of pig iron during the calendar year increased to 26,498 tons from the 7,041 tons in 1957. Exports decreased to 336,591 tons from 577,600 tons reported in the previous year — see footnote to Table 11.

Producers' stock of pig iron at the end of 1958 totalled 239,598 tons compared with 233,569 tons at the end of the previous year.

Producers of pig iron in Canada had 15 blast furnaces at the end of 1958 which could produce 4.25 million net tons if operated at rated capacity. Actual production at 3,059,579 net tons in 1958 showed an operating rate of about 71.3 per cent. Nine furnaces were in blast at the year end.

FERRO-ALLOYS

Ferro-alloys were made in 1958 by 10 establishments, 5 of which recovered ferrosilicon as a by-product in the manufacture of abrasives. Output of ferro-alloys in 1958 amounted to 112,589 tons, a decline of 44.9 per cent from the 204,483 tons reported in 1957.

Altogether, ferrosilicon was made in nine different plants, ferrochrome-silicon in one, ferromanganese in one, silicomanganese in one, ferrochrome in two and ferrophosphorus in one.

STEEL INGOTS AND CASTINGS

Steel production declined by about 14 per cent to 4,359,466 tons in 1958 from 5,068,149 tons in 1957, the output of steel ingots dropping to 4,262,122 tons from 4,931,410 tons; castings production also declined to 97,344 from 136,739 tons. Factory sales of ingots and castings totalled 105,251 tons at $42,581,094.

Thirty-eight steel plants were in operation during the year. At the end of 1958 these plants had 126 furnaces, including 34 basic open-hearth furnaces with an annual rated capacity of 4,546,000 tons, 86 electric furnaces rated at 1,030 200 tons and 1 converter at 300 tons. Also included in the total were 5 oxygen vessels or converters of the Linz-Donawitz type with a combined capacity of 1,110,000 tons.

Operating steel furnaces in 1958 used 2,610,517 net tons of pig iron, 2,112,355 tons of scrap iron or steel, 152,290 tons of dolomite, 138,957 tons of lime, 94,213 tons of silica sand, 6,036 tons of magnesite, 53,238 tons of ferro-alloys, 373,143 tons of iron ore and 124,189 tons of limestone.

ROLLED AND DRAWN STEEL

In 1958 there were 13 mills occupied chiefly in hot-rolling of steel products and 3 mills making only cold-drawn and cold-rolled shapes. Of course, some of the former also cold-rolled steel as part of their operations. Nine of these mills were in Ontario, 2 in Nova Scotia, 2 in Quebec and 1 each in Manitoba, Alberta and British Columbia.

Rolling mill sales declined to $491,355,783 from $547,905,652 in 1957. The main items sold during the year under review were 585,016 tons of hot-rolled bars at $86,215,757; 226,750 tons of plates at $30,618,858; 447,881 tons of rails and rail fastenings at $50,991,468; 267,422 tons of semi-finished forms such as blooms, billets, etc., at $28,519,772; 225,295 tons of structural shapes at $29,140,873; 270,210 tons of wire rods at $30,592,181 (see footnote 2); 36,243 tons of cold-reduced bars at $11,376,423; 41,184 tons of cold-rolled strip at $11,576,190; 339,964 tons of skelp (hot and cold-rolled) at $37,918,965; and other rolled products, including hot and cold-rolled sheets and strip, tin plate, galvanized sheets, etc., totalling 1,024,626 tons at $164,947.646.

Note: Three major changes in concept affecting the data for this industry were introduced in 1954. The first one involved a change in the method of counting establishments; the second concerned a change in valuing shipments of wire rods transferred to makers' own processing plants; while the third concerned the method for calculating "Value added". These three changes are reviewed in the first three footnotes below. A further change affecting 1957 data is covered in footnote 4.

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1. Prior to 1954, blast furnace departments, steel furnace divisions and rolling mills which were units of a single works filed separate reports and these departments were counted individually as establishments. These units continued to file separate reports in 1954, 1955 and 1956 but the method of counting establishments was changed so that the separate operations or units at a single works were collectively considered as one establishment. In 1957 the concept was further expanded and the integrated and semi-integrated mills filed only a single report covering all operations (excluding coke ovens). On this account, the number of establishments since 1954 shown in Table 2 is less than in previous years.

2. Prior to 1954, shipments of wire rods transferred to makers' own fabricating plants were considered as "shipments for own use" and, therefore, not included in "Factory sales". For the most part these shipments were made to makers' fabricating plants which are classified to the Wire and Wire Goods Industry. The normal practice for statistical purposes has been to consider shipments of this kind from one industry group to another as part of the total sales of the producing industry and as materials by the consuming industry. The treatment of wire rods constituted an exception which has affected the calculation of "Value added" for these two industries. Therefore, in order to bring the treatment of wire rods in line with usual statistical procedures, producers in 1954 and subsequent years were asked to consider the sales of wire rods to own fabricating plants as "Factory sales". For this reason the value of products shown in this bulletin for the years 1954-58 in Tables 2, 30 and 38 is higher by the value applied to these shipments.

3. Figures for value added by manufacture, shown in Table 2, prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity from the gross selling value of products. Since 1954 information not previously available on the value of year-end inventory holdings at plant and plant warehouses has been taken into account in calculating the value added figure. In 1954 and 1955 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 — see also footnote 4 below.

4. Totals shown in the "Materials used" sections of this industry for 1957 and 1958 reflect the inclusion of several items of equipment for the first time, namely ingot moulds and stools in the Steel Ingots and Castings Division — see Table 19 and rolls and dies in the Rolled Steel Products Division — see Table 31. The inclusion of these affects, of course, the comparability of the "Materials used" totals reported in 1957 and 1958 with those shown for previous years. The result of this contribution to the "Materials used" component in the calculation for "Value added" forces, as well, a corresponding decrease in the total developed for the latter in 1957 and 1958 — see Table 2.

TABLE 1. Provincial Distribution of Active Plants in the Primary Iron and Steel Industry, 1958

Province	Establishments	Pig iron		Steel ingots and castings		Rolling and drawing mills	Ferro-alloys[1]
		Plants	Blast furnaces	Plants	Steel furnaces		
	number						
Nova Scotia	3	1	3	2	8	2	–
Quebec	16	–	–	13	27	2	2
Ontario	19	4	12	12	71	9	2
Manitoba	2	–	–	2	6	1	–
Alberta	3	–	–	3	4	1	–
British Columbia	7	–	–	6	10	1	–
Canada	**50[2]**	**5**	**15**	**38**	**126**	**16**	**4**

[1] Not including artificial abrasive plants which made ferrosilicon as a by-product.
[2] Only 49 separate firms were included in this industry in 1958, however, two of these operated plants in both Ontario and Quebec.

TABLE 2. Principal Statistics of the Primary Iron and Steel Industry, Significant Years, 1929-58 and by Provinces, 1957 and 1958

Year and province	Establishments	Employees	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 at works
	number		dollars				
1929	45	11,218	18,534,681	6,691,961	32,514,596	33,025,438	72,231,995
1933	50	5,200	6,049,189	2,699,837	7,598,931	8,193,781	18,492,549
1937	55	14,054	19,926,498	6,934,008	33,805,631	33,841,030	74,580,669
1939	54	13,827	20,410,517	6,069,661	29,629,376	40,235,444	75,934,481
1942	61	33,245	60,874,818	18,734,178	110,551,516	102,820,061	232,105,755
1945	63	29,378	57,862,489	16,002,441	86,417,375	89,859,343	192,279,159
1949	55	29,097	82,958,229	22,352,965	147,229,391	136,152,628	305,734,984
1954	51[2]	28,861	108,817,430	23,730,461	145,110,350	217,487,185	383,154,196[3]
1955	50[2]	32,507	136,879,403	31,182,580	212,288,266	281,030,420	526,318,453[3]
1956	50[2]	36,043	162,880,867	38,311,951	301,298,582	352,522,996	680,860,470[3]
1957							
Nova Scotia	3	4,579	18,702,599	3,341,632	33,496,173	19,518,291	55,145,123
Quebec	16	4,621	19,432,890	4,264,623	32,097,677	47,033,842	82,580,076
Ontario	18	25,132	126,054,242	27,918,511	253,767,955	267,099,118	545,501,133
Manitoba	2						
Alberta	3	1,612	6,589,615	1,230,496	10,220,579	10,914,703	21,339,459
British Columbia	9						
Canada	**51[2]**	**35,944**	**170,779,346**	**36,755,262**	**329,582,384[4]**	**344,565,954[4]**	**704,565,791[3]**
1958							
Nova Scotia	3	3,999	17,036,986	2,759,196	25,557,796	24,282,826	54,815,366
Quebec	16	3,560	15,194,173	2,818,784	21,094,850	34,070,779	58,836,090
Ontario	19	21,249	109,585,754	22,299,430	196,541,814	235,796,736	456,943,390
Manitoba	2						
Alberta	3	1,453	6,206,149	1,028,158	7,475,078	10,773,246	19,722,850
British Columbia	7						
Canada	**50[2]**	**30,261**	**148,023,062**	**28,905,568**	**250,699,538[4]**	**304,923,587[4]**	**590,317,696[3]**

[1] See footnote 3 of introductory text.
[2] See footnote 1 of introductory text.
[3] See footnote 2 of introductory text.
[4] See footnote 4 of introductory text.

TABLE 3. Inventories,[1] 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Nova Scotia	12,154,105	3,384,657	1,156,573	16,695,335
Quebec	6,285,646	917,819	3,579,382	10,782,847
Ontario	53,820,600	25,091,654	28,626,692	107,538,946
Manitoba, Alberta and British Columbia	6,743,785	1,000,228	1,130,857	8,874,870
Canada	**79,004,136**	**30,394,358**	**34,493,504**	**143,891,998**
Closing:				
Nova Scotia	9,817,866	1,555,373	770,309	12,143,548
Quebec	5,758,930	674,489	2,971,035	9,404,454
Ontario	53,742,389	27,391,309	24,021,627	105,155,325
Manitoba, Alberta and British Columbia	4,895,434	866,204	818,513	6,580,151
Canada	**74,214,619**	**30,487,375**	**28,581,484**	**133,283,478**

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

(a) PIG IRON

TABLE 4. Production[1] of Pig Iron and Sales by Producers, 1957 and 1958

Grade	Delivered in molten condition	Machine-cast	Total tonnage made	Sales	
				Quantity	Income from sales
	net tons				$
1957					
Basic	2,739,194	470,217	3,209,411	298,799	16,208,433
Foundry[2]	–	104,830	104,830	94,545	5,348,333
Malleable	687	403,422	404,109	341,009	19,396,606
Total	**2,739,881**	**978,469**	**3,718,350**	**734,353**	**40,953,372**
1958					
Basic	2,439,570	226,135	2,665,705	113,332	6,094,505
Foundry[2]	486	43,269	43,755	56,846	3,344,036
Malleable	12,156	337,963	350,119	259,530	15,440,261
Total	**2,452,212**	**607,367**	**3,059,579**	**429,708**	**24,878,802**

[1] Does not include the "remelt iron" product produced in the smelting of titanium ores.
[2] Includes silvery pig.

PRODUCTION OF IRON AND STEEL IN CANADA, 1948-1958

(THOUSAND NET TONS)

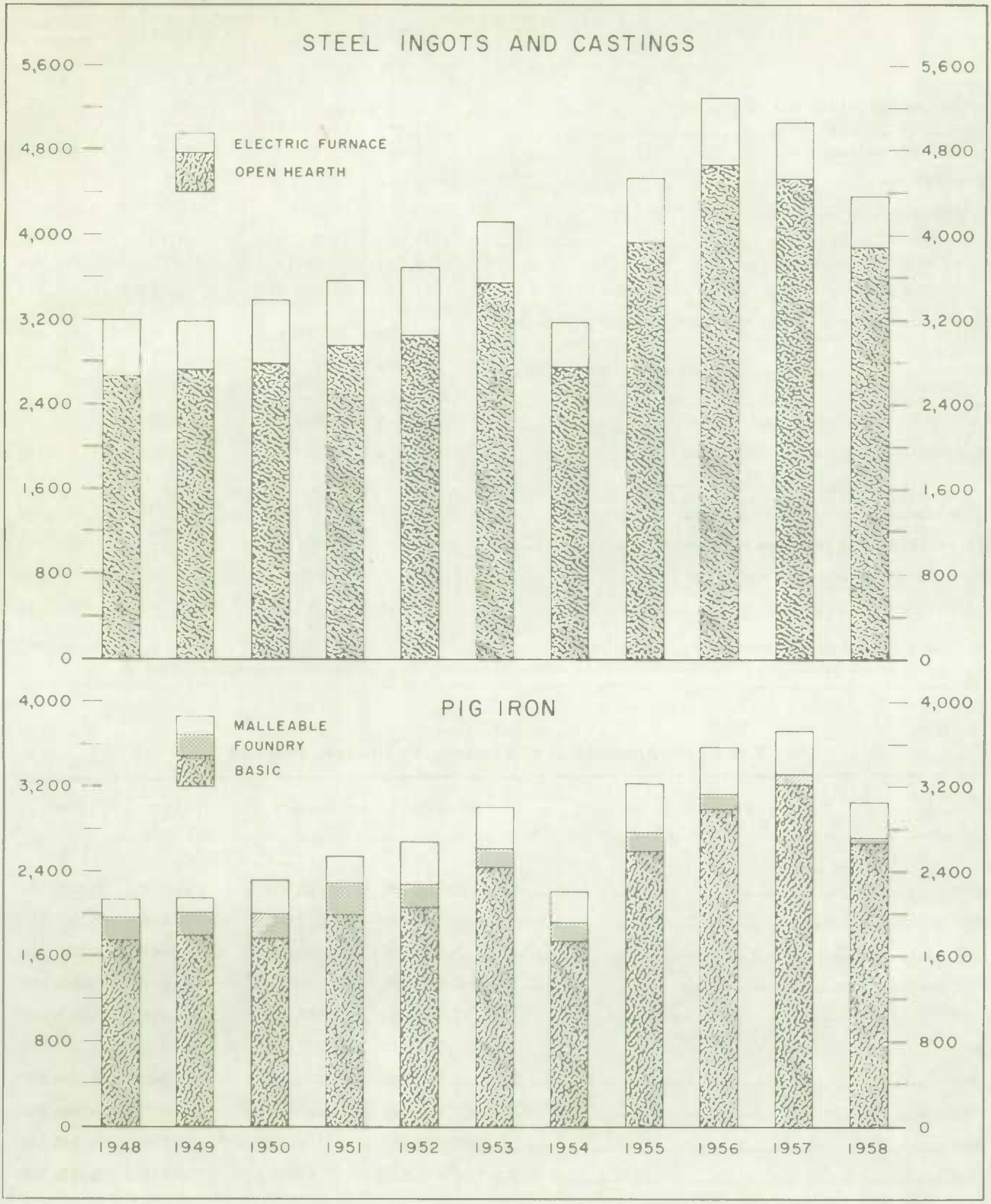

TABLE 5. Materials Charged to Iron Blast Furnaces, 1957 and 1958

Material	1957		1958	
	Quantity	Cost at furnace	Quantity	Cost at furnace
	net tons	$	net tons	$
Crude iron ore used in making pig iron —				
(a) From Canadian mines	1,217,650	11,449,668	831,712	8,116,263
(b) From foreign mines	3,428,529	32,788,501	2,552,639	24,959,431
Pyrite cinder	—	—	—	—
Iron ore (sintered, pelletized, etc.)—				
(a) From Canadian mines	615,444	6,296,062	684,737	7,298,142
(b) From foreign mines	22,103	267,420	180,784	2,739,874
(c) From own processing (not including mine sinter plant)	1,445,405	15,281,761	1,205,626	13,502,474
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	200,552	792,763	160,746	940,396
Scrap	179,629	3,432,678	126,239	1,469,057
Limestone — (a) From Canadian quarries	624,696	1,545,073	458,710	1,147,559
(b) From foreign sources	479,869	760,430	301,998	486,540
Dolomite — (a) From Canadian quarries	297,515	483,585	222,754	365,452
(b) From foreign sources	—	—	—	—
Coke (including own make-blast furnace charge only)	3,158,891	48,419,334	2,470,378	37,876,890
Firebrick, fireclay and other refractories	—	601,968	—	435,079
Other materials and process supplies	—	2,698,726	—	2,747,130
Less credit for flue dust produced	314,148	1,011,575	197,010	692,218
Total cost of materials and process supplies	**—**	**123,806,394**	**—**	**101,392,069**

TABLE 6. Production[1] of Pig Iron, by Grades, 1949-58

Year	Basic	Foundry	Malleable	Total
	net tons			
1949	1,790,328	215,768	148,389	2,154,485
1950	1,763,440	238,263	315,418	2,317,121
1951	1,988,942	306,264	257,687	2,552,893
1952	2,053,691	220,754	407,140	2,681,585
1953	2,436,504	182,821	392,943	3,012,268
1954	1,740,712	167,797	302,520	2,211,029
1955	2,591,662	176,710	446,995	3,215,367
1956	2,990,222	150,354	427,627	3,568,203
1957	3,209,411	104,830	404,109	3,718,350
1958	2,665,705	43,755	350,119	3,059,579

[1] See footnote 2 to Table 16 and footnote 2 to Table 4.

TABLE 7. Production[1] of Pig Iron, by Provinces, 1949-58

Year	Nova Scotia	Ontario	Total
	net tons		
1949	472,885	1,681,600	2,154,485
1950	513,029	1,804,092	2,317,121
1951	485,900	2,066,993	2,552,893
1952	395,262	2,286,323	2,681,585
1953	440,005	2,572,263	3,012,268
1954	314,297	1,896,732	2,211,029
1955	402,759	2,812,608	3,215,367
1956	466,306	3,101,897	3,568,203
1957	521,954	3,196,396	3,718,350
1958	392,131	2,667,448	3,059,579

[1] See footnote 2 to Table 16 and footnotes to Table 4.

TABLE 8. Production[1] of Pig Iron, by Months, 1957 and 1958

Month	1957			1958		
	For own use	For sale	Total	For own use	For sale	Total
	net tons					
January	266,734	38,162	304,896	244,168	16,351	260,519
February	258,395	33,346	291,741	217,002	15,562	232,564
March	296,325	38,385	334,710	251,461	16,571	268,032
April	277,618	47,343	324,961	225,210	29,760	254,970
May	271,218	65,466	336,684	268,190	19,498	287,688
June	238,733	90,694	329,427	218,005	71,720	289,725
July	239,855	89,343	329,198	250,237	43,048	293,285
August	269,924	68,328	338,252	161,603	38,498	200,101
September	277,117	43,915	321,032	126,548	59,778	186,326
October	183,196	110,229	293,425	184,608	44,851	229,459
November	190,152	76,263	266,415	203,904	49,543	253,447
December	214,730	32,879	247,609	278,935	24,528	303,463
Total	**2,983,997**	**734,353**	**3,718,350**	**2,629,871**	**429,708**	**3,059,579**

[1] See footnotes to Table 4.

Note: Above breakdown developed from a special monthly report on primary iron and steel including a revision for December necessary to affect reconciliation with annual totals shown in Table 4.

TABLE 9. Sales[1] of Pig Iron by Producers, 1949-58

Year	Tonnage sold	Income from sales	Year	Tonnage sold	Income from sales
	net tons	$		net tons	$
1949	391,423	16,400,258	1954	455,552	22,142,040
1950	636,558	27,484,529	1955	609,978	30,539,000
1951	726,357	36,891,960	1956	649,213	34,501,520
1952	752,963	37,998,156	1957	734,353	40,953,372
1953	626,624	31,510,562	1958	429,708	24,878,802

[1] See footnotes to Table 4.

TABLE 10. Iron Ore, Fuel and Flux Charged to Iron Blast Furnaces, 1949-58

Year	Iron ore[1]	Mill cinder, scale, etc.[2]	Iron and steel scrap	Coke	Limestone	Dolomite
	net tons					
1949	3,846,066	298,598	58,240	2,011,749	827,455	121,847
1950	4,173,513	287,032	42,510	2,139,615	865,492	148,798
1951	4,645,021	345,497	65,390	2,377,968	954,546	171,757
1952	4,882,153	320,470	106,754	2,493,903	981,489	212,237
1953	5,235,650	673,879	85,799	2,804,996	1,079,781	295,984
1954	3,749,109	577,577	82 399	1,969,669	778,200	258,463
1955	5,311,382	706,053	125,845	2,817,048	1,067,697	286,485
1956	6,522,558	272,134	173,914	3,051,914	1,091,143	303,108
1957	6,729,131	200,552	179,629	3,158,891	1,104,565	297,515
1958	5,455,498	160,746	126,239	2,470,378	760,708	222,754

[1] Since 1956 includes some ore in processed form previously reported under heading of "Mill cinder, scale, etc.".
[2] Since 1956 includes these products in not sintered form only.

TABLE 11. Imports into Canada and Exports[1] of Pig Iron, 1949-58

Year	Imports		Exports	
	Net tons	Value	Net tons	Value
		$		$
1949	20,531	936,311	12,506	547,963
1950	29,628	1,116,387	194,528	8,357,945
1951	22,126	1,000,915	223,635	12,303,679
1952	1,665	99,215	375,987	19,167,532
1953	25,484	1,246,449	345,415	16,984,257
1954	20,009	1,004,056	202,603	10,021,672
1955	14,518	989,657	254,472	13,272,635
1956	12,637	803,979	257,627	14,117,044
1957	7,041	516,960	577,600	33,078,351
1958	26,498	1,302,388	336,591	18,260,280

[1] As a result of an amendment in the statistical classification for pig iron introduced by the External Trade Section in the latter part of 1957 the totals for exports of pig iron for 1957 and 1958 shown in the above table reflect the inclusion of the "remelt iron" or "ingot iron" product produced as a by-product in the smelting of titanium ores. For this reason the totals shown for 1957 and 1958 are not exactly comparable with previous years.

TABLE 12. Stocks of Pig Iron Held at Year-End by Producers[1] in Canada, 1949-58

Year	Net tons	Year	Net tons
1949	71,231	1954	127,894
1950	85,372	1955	136,415
1951	81,220	1956	113,629
1952	58,959	1957	233,569
1953	135,781	1958	239,598

[1] See footnotes to Table 4.

TABLE 13. Consumption of Pig Iron in Canada by Industries and by Provinces, 1955-58
(As Reported by Consumers)

	1955	1956	1957	1958[1]
	net tons			
(a) By industries				
Steel ingots and castings	2,554,433	2,902,367	2,875,324	2,610,517
Iron castings	216,433	246,079	183,733	
Boilers and platework	21,999	20,353	16,322	
Agricultural implements	9,650	11,213	8,489	
Machinery	19,016	24,636	18,919	
Motor vehicles	5,000	6,131	9,850	4,933
Motor vehicle parts	25,197	32,306	31,149	
Railway rolling stock	3,363	1,470	2,077	2,878
Brass and copper products	3,793	3,838	3,319	
Shipbuilding	483	569	306	
Hardware and tools	1,697	1,522	1,345	
Miscellaneous iron and steel	15,534	12,270	10,138	
Heating and cooking apparatus	8,578	7,540	6,154	
Electrical apparatus and supplies	3,911	4,994	3,382	
Bridge and structural steel	1,173	1,373	1,164	
Miscellaneous	9,000	10,295	11,600	19,282
Total	**2,899,260**	**3,286,956**	**3,183,271**	
(b) By provinces				
Prince Edward Island and Newfoundland	28	25	—	
Nova Scotia	405,704	472,684	501,491	
New Brunswick	3,165	3,236	2,503	
Quebec	73,962	84,801	66,961	
Ontario	2,407,036	2,718,291	2,604,946	
Manitoba	5,769	5,648	5,251	
Saskatchewan	—	59	—	
Alberta	550	854	959	
British Columbia	3,046	1,358	1,160	
Canada	**2,899,260**	**3,286,956**	**3,183,271**	

[1] Data for 1958 are not yet complete.

TABLE 14. Blast Furnaces in Canada, 1956-58

Name of company	Location of plant	Number of stacks	Total annual capacity	Number of days in blast		
				1956	1957	1958
Dominion Foundries & Steel Ltd.	Hamilton, Ont.	1	320,000	366	365	365
		1	320,000	39	365	365
	Total	**2**	**640,000**	—	—	—
Dominion Iron & Steel Limited	Sydney, Nova Scotia	1	237,000	366	365	363
		1	265,000	366	365	364
		1	182,000	—	236	—
	Total	**3**	**684,000**	—	—	—
Canadian Furnace Company, Limited	Port Colborne, Ont.	1	200,000	341	359	160
	Total	**1**	**200,000**	—	—	—
The Steel Company of Canada, Limited	Hamilton, Ont.	1	123,000	366	364	223
		1	271,000	362	364	270
		1	377,000	365	365	259
		1	470,000	364	274	259
	Total	**4**	**1,241,000**	—	—	—
Algoma Steel Corporation, Limited	Sault Ste. Marie, Ont.	1	109,000	360	237	—
		1	218,000	200	359	190
		1	177,000	355	236	150
		1	440,000	363	364	365
		1	540,000	363	338	263
	Total	**5**	**1,484,000**	—	—	—
Total for Canada		**15**	**4,249,000**	—	—	—

TABLE 15. World Production of Pig Iron and Ferro-alloys, by Countries

Source: "Annual Statistical Report" published by the American Iron and Steel Institute, New York, U.S.A.

Country	1954	1955	1956	1957	1958
	thousands of net tons				
United States	59,806	79,264	77,575	79,339	57,764
Canada	2,318	3,334	3,815	3,948	3,170
Mexico	250	361	431	456	525
Brazil	1,170	1,185	1,262	1,288	1,300
Chile	336	282	405	414	399
Austria	1,494	1,664	1,916	2,162	2,030
Belgium	5,092	5,941	6,347	6,159	6,071
Luxembourg	3,086	3,401	3,651	3,711	3,621
France	9,851	12,216	12,835	13,315	13,386
Saar	2,754	3,176	3,342	3,492	3,423
Italy	1,483	1,912	2,200	2,430	2,394
Netherlands	673	739	729	773	993
Norway	256	368	492	613	554
Sweden	1,042	1,317	1,464	1,574	1,443
Finland	82	127	113	142	112
United Kingdom	13,306	13,966	14,750	15,998	14,520
Spain	1,019	1,089	1,019	1,102	1,432
Hungary	896	966	820	922	1,211
Germany — Western	13,869	18,108	19,504	20,359	18,769
Eastern	1,736	1,668	1,735	1,833	1,932
Russia	33,069	36,376	39,683	40,741	41,667
Czechoslovakia	3,248	3,307	3,618	3,927	4,146
Poland	2,867	3,439	3,864	4,058	4,140
Rumania	560	635	638	660	675
Yugoslavia	405	585	711	812	856
Union of South Africa	1,319	1,434	1,495	1,564	1,696
Australia	2,082	2,011	2,323	2,483	2,546
Turkey	216	221	239	240	256
India	2,174	2,123	2,194	2,140	2,303
Japan	5,237	5,982	6,904	7,866	8,277
Other countries	2,825	4,354	5,888	6,680	7,365
Total	**174,523**	**211,548**	**221,963**	**231,205**	**208,979**

(b) FERRO - ALLOYS

TABLE 16. Production[1] of Ferro-alloys,[2] 1949-58

Year	Net tons	Year	Net tons
1949	202,092	1954	116,141
1950	180,499	1955	189,805
1951	266,252	1956	240,480
1952	232,117	1957	204,483
1953	153,660	1958	112,589

[1] Factory shipments since 1953.

[2] Figures in the above table up to 1949 include production of silvery pig iron; since 1950, however, tonnages of the latter are included with pig iron.

TABLE 17. Producers of Ferro-alloys, 1958

Name of company	Plant location	Kind of ferro-alloy made
Canadian Carborundum Company, Limited	Niagara Falls, Ontario	Ferrosilicon (by-product)
Chromium Mining & Smelting Corp., Limited	Sault Ste. Marie, Ontario	Ferrosilicon, sil-X, chrom-X ferrochrome, ferrochrome-silicon
Electro Metallurgical Company, Division of Union Carbide Canada Ltd.	(a) Beauharnois, Quebec	Ferrosilicon
	(b) Welland, Ontario	Ferrosilicon, ferrochrome, ferromanganese, silico-manganese
Electro-Reagents (Quebec) Limited	Beauharnois, Quebec	Ferrosilicon
Electric Reduction Company of Canada, Limited	Buckingham, Quebec	Ferrophosphorus
Exolon Company	Thorold, Ontario	Ferrosilicon (by-product)
Lionite Abrasives Limited	Niagara Falls, Ontario	Ferrosilicon (by-product)
Norton Company	Chippawa, Ontario	Ferrosilicon (by-product)
Simonds Canada Abrasive Co., Limited	Arvida, Quebec	Ferrosilicon (by-product)

(c) STEEL INGOTS AND DIRECT STEEL CASTINGS

TABLE 18. Production of Steel Ingots and Steel Castings, and Sales by the Producers, 1957 and 1958

	1957			1958		
	Total tonnage of steel made (all kinds), including alloys	Sales		Total tonnage of steel made (all kinds), including alloys	Sales	
		Quantity	Income from sales		Quantity	Income from sales
	net tons		$	net tons		$
Steel ingots:						
Basic open-hearth[1]	4,500,737	4,545	317,987	3,875,470	1,913	145,780
Electric	430,673	51,094	5,907,786	386,652	7,579	952,583
Total steel ingots	**4,931,410**	**55,639**	**6,225,773**	**4,262,122**	**9,492**	**1,098,363**
Steel castings:						
Basic open-hearth	27,076	24,859	11,693,980	15,880	14,971	7,473,083
Converter	20	20	9,000	20	20	9,000
Electric	109,643	107,288	47,625,120	81,444	80,768	34,000,648
Total steel castings	**136,739**	**132,167**	**59,328,100**	**97,344**	**95,759**	**41,482,731**
Total steel ingots and castings	**5,068,149**	**187,806**	**65,553,873**	**4,359,466**	**105,251**	**42,581,094**
Any other products	–	–	1,156,703	–	–	882,950
Total all products	–	–	**66,710,576**	–	–	**43,464,044**
Alloy steel included in above:						
Ingots	213,101	1,845	192,847	182,902	2,566	374,369
Castings	29,110	27,982	18,185,097	19,470	19,531	13,762,895
Total	**242,211**	**29,827**	**18,377,944**	**202,372**	**22,097**	**14,137,264**

[1] Includes production from oxygen vessels.

TABLE 19. Materials Used in Steel Furnaces, 1957 and 1958

Material	1957		1958	
	Quantity	Cost of purchased materials	Quantity	Cost of purchased materials
	net tons	$	net tons	$
Pig iron:				
Own make	2,865,366	–	2,602,751	–
Purchased	9,958	623,012	7,766	437,810
Scrap iron or steel:				
Own make	1,307,068	–	1,112,744	–
Purchased	1,318,895	56,957,262	999,611	32,517,440
Spiegeleisen	46	3,868	157	12,110
Ferromanganese – High carbon (over 3 per cent carbon)	34,870	8,819,383	28,555	6,785,368
Medium carbon	2,684	1,095,207	2,511	973,496
Low carbon (maximum 0.75 per cent carbon)	352	223,106	176	115,784
Silico manganese	8,268	2,155,878	6,300	1,622,380
Ferrosilicon – Low silicon grade (under 45 per cent silicon)	354	35,094	327	38,996
Medium silicon grade	11,408	1,534,274	8,112	1,166,968
High silicon grade (over 55 per cent silicon)	1,274	297,756	931	230,007
Sil-x	52	12,417	50	13,809
Ferrochrome (including chrom-X) – High carbon	2,600	845,864	1,558	509,701
Low carbon (maximum 2 per cent carbon)	4,400	2,426,890	3,156	1,643,557
Ferromolybdenum	155	350,109	88	210,109
Ferrophosphorus	117	12,463	204	20,296
Ferroselenium	3	47,346	2	34,333
Ferrotitanium	252	82,258	210	76,689
Ferrotungsten	34	100,357	38	81,061
Ferrovanadium	98	364,424	71	252,741
Ferrozirconium	48	24,695	28	12,217
Calcium silicon	254	142,312	214	112,860
Calcium manganese silicon	164	88,116	105	57,563
Other ferro-alloys	992	414,014	764	300,449
Iron ore, crude	295,610	5,684,902	261,926	5,095,122
Iron ore, calcined, roasted or treated	126,145	2,021,925	111,217	1,674,640
Manganese ore	29	12,330	–	–
Chrome ore	823	55,949	367	26,248
Tungsten ore	49	97,686	110	81,783
Aluminum ingots, shot, etc.	1,226	630,661	1,149	551,921
Copper ingots, cakes, shot, etc.	631	382,503	427	197,124
Nickel ingots, cathodes, shot, etc.	2,471	3,447,964	1,476	2,055,349
Other metals	61	225,840	207	315,587
Coal (charged to steel furnaces; not for fuel)	835	24,433	621	26,958
Coke (charged to steel furnaces; not for fuel)	2,966	45,762	2,618	42,218
Charcoal	39	3,287	19	1,612
Bentonite	6,593	233,686	4,201	158,463
Dolomite – Raw, crushed	90,637	281,600	77,098	413,623
Calcined	99,402	2,560,630	75,192	1,980,254
Fluorspar	16,935	534,540	14,539	425,058
Ganister	4,580	25,187	4,226	23,252
Graphite	1,258	137,457	871	88,799
Lime	147,342	2,091,477	138,957	1,957,336
Limestone	199,681	528,216	124,189	328,555
Linseed oil	44,492[1]	51,964	32,315[1]	37,890
Magnesite	8,817	587,622	6,036	401,665
Electrodes	–	2,037,410	–	1,762,256
Silica sand – For moulds	138,267	1,060,934	94,169	724,464
For sand blasting	249	22,339	44	619
Other foundry sands	3,288	95,081	4,999	77,595
Sulphur	83	15,097	58	11,771
Firebrick, fireclay and other refractories	–	10,522,717	–	8,923,535
Calcium molybdate	48	69,642	29	80,475
Molybdenum trioxide (molybdic oxide) briquettes	312	479,933	226	361,916
Ingot moulds (including hot tops) and stools	–	8,485,537	–	6,603,157
All other materials	–	11,550,792	–	9,339,720
Total value of purchased materials	**–**	**130,661,208**	**–**	**90,994,709**

[1] Imperial gallons.

TABLE 20. Production of Steel Ingots and Steel Casting, by Grades 1949-58

Year	Steel ingots		Steel castings			Total steel ingots and castings
	Open-hearth	Electric	Open-hearth	Converter	Electric	
	net tons					
1949	2,688,036	407,590	28,671	80	66,000	3,190,377
1950	2,771,842	526,229	22,488	232	62,784	3,383,575
1951	2,917,005	530,127	30,758	282	90,548	3,568,720
1952	3,017,692	560,066	34,680	379	90,294	3,703,111
1953	3,522,039	487,509	30,406	254	75,860	4,116,068
1954	2,727,730[1]	386,061	22,364	95	58,780	3,195,030
1955	3,917,151[1]	529,190	25,953	165	62,213	4,534,672
1956	4,628,777[1]	551,644	32,107	307	88,367	5,301,202
1957	4,500,737[1]	430,673	27,076	20	109,643	5,068,149
1958	3,875,470[1]	386,652	15,880	20	81,444	4,359,466

[1] Includes production from oxygen vessels.

TABLE 21. Production of Steel Ingots and Steel Castings, by Months, 1954-58

Month	1954	1955	1956	1957	1958
	net tons				
January	298,900	316,814	433,700	470,005	402,915
February	266,911	321,237	400,638	426,668	375,267
March	249,290	384,614	440,725	477,646	412,432
April	255,796	360,754	434,066	452,565	377,965
May	260,351	378,877	462,131	439,093	413,431
June	271,993	389,268	445,588	430,513	403,310
July	260,454	360,765	441,563	430,348	366,139
August	241,504	386,730	452,274	437,389	270,511
September	247,358	374,472	434,373	405,560	247,900
October	279,320	417,266	466,175	383,335	261,133
November	287,173	415,477	444,434	361,139	387,696
December	275,980	428,398	445,535	353,888	440,767
Total	**3,195,030**	**4,534,672**	**5,301,202**	**5,068,149**	**4,359,466**

Note: Above breakdown developed from a special monthly report on primary iron and steel including a revision for December necessary to affect reconciliation with annual totals shown in Table 18.

TABLE 22. Annual Production of Steel Ingots and Steel Castings, by Provinces, 1949-58

Year	Nova Scotia	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
	net tons						
1949	672,807	73,092	2,365,201	60,079	373	18,825	3,190,377
1950	685,480	71,531	2,526,770	69,467	723	29,604	3,383,575
1951	709,451	120,310	2,619,072	78,666	1,037	40,184	3,568,720
1952	649,359	122,627	2,801,706	85,213	1,574	42,632	3,703,111
1953	638,097	97,450	3,263,633	76,180	699	40,009	4,116,068
1954	462,594	84,777	2,536,952	65,912	676	44,119	3,195,030
1955	583,340	99,122	3,716,833	84,055	5,042	46,280	4,534,672
1956	706,264	131,266	4,267,179	113,056	31,945	51,492	5,301,202
1957	740,364	157,251	4,004,620	76,243	43,827	45,844	5,068,149
1958	597,752	117,907	3,504,215	68,921	36,046	34,625	4,359,466

TABLE 23. Sales of Steel Ingots and Steel Castings by Producers, 1949-58

Year	Tonnage sold	Income from sales	Year	Tonnage sold	Income from sales
	net tons	$		net tons	$
1949	234,218	36,372,735	1954	86,066	35,434,713
1950	313,780	38,652,613	1955	201,114	43,682,247
1951	295,279	52,227,452	1956	164,288	55,326,132
1952	265,723	57,178,291	1957	187,806	65,553,873
1953	133,389	44,745,077	1958	105,251	42,581,094

TABLE 24. Production of Alloy Steel Ingots and Castings, 1949-58

Year	Ingots	Castings	Total
	net tons		
1949	143,977	12,975	156,952
1950	196,239	16,498	212,737
1951	211,137	19,985	231,122
1952	217,577	25,298	242,875
1953	191,977	23,874	215,851
1954	132,976	20,852	153,828
1955	217,207	21,928	239,135
1956	218,611	27,774	246,385
1957	213,101	29,110	242,211
1958	182,902	19,470	202,372

TABLE 25. Metal, Ore and Flux Charged to Steel Furnaces, 1949-58

Year	Pig iron	Ferro-manganese alloys[1]	Other ferro-alloys	Scrap iron and steel	Iron ore	Limestone	Dolomite	Fluorspar
	net tons							
1949	1,736,824	30,721	11,635	1,770,758	183,572	254,072	120,494	21,136
1950	1,667,504	32,691	12,097	1,995,326	244,512	265,941	136,666	21,800
1951	1,837,731	34,361	15,152	2,106,714	304,403	257,635	151,147	23,374
1952	1,958,258	36,486	16,513	2,122,270	277,804	276,202	149,310	22,576
1953	2,311,378	39,055	15,167	2,200,518	275,883	301,078	171,525	22,730
1954	1,767,307	29,571	11,962	1,629,866	203,119	182,972	135,987	16,002
1955	2,554,433	39,870	17,443	2,366,107	405,709	219,147	182,803	18,610
1956	2,902,367	46,556	20,567	2,865,563	472,476	232,065	202,352	18,979
1957	2,875,324	46,220	21,787	2,625,963	421,755	199,681	190,039	16,935
1958	2,610,517	37,699	15,539	2,112,355	373,143	124,189	152,290	14,539

[1] Including spiegeleisen, silicospiegeleisen, ferromanganese (all grades) and silicomanganese.

TABLE 26. Steel Furnaces in Canada, December 31, 1958

	Type	Number of units	Size	Total annual capacity
Nova Scotia:				
Dominion Iron & Steel Limited, Sydney	O.H.	1	225	166,000
	O.H.	2	195	290,000
	O.H.	3	190	441,000
	Elec.	1	11	33,000
Total	–	**7**	–	**930,000**
Maritime Steel Foundries Ltd., New Glasgow	Elec.	1	4	3,000
Quebec:				
Canadian Unitcast-Steel Ltd., Sherbrooke	Elec.	1	4	8,000
Canadian Steel Foundries Ltd., Montreal	O.H.	3	25	49,000
	Elec.	1	4	7,000
	Elec.	1	2½	4,600
	Elec.	1	½	1,000
Total	–	**6**	–	**61,600**
Canadian Tube and Steel Products Ltd., Montreal	Elec.	1	3	7,200
	Elec.	2	25	82,800
Total	–	**3**	–	**90,000**
Dominion Brake Shoe Co. Ltd., Joliette	Elec.	1	2½	9,000
	Elec.	1	3½	16,000
Total	–	**2**	–	**25,000**
Dominion Engineering Works Ltd., Lachine	Elec.	1	5	2,500
	Elec.	1	15	3,800
Total	–	**2**	–	**6,300**
Eastern Electro-Casting Co. Ltd., Lachine	Elec.	1	5	15,000
Griffin Steel Foundries Ltd., St. Hyacinthe	Elec.	2	6	27,700
La Compagnie F.X. Drolet Ltd., Quebec	Conv.	1	1	300
Lynn MacLeod Metallurgy Ltd., Thetford Mines	Elec.	1	2	6,000
Manganese Steel Castings Ltd., Sherbrooke	Elec.	1	2	1,800
Shawinigan Chemicals Ltd., Shawinigan Falls	Elec.	1	½	900
	Elec.	1	2	3,600
	Elec.	1	1	1,800
Total	–	**3**	–	**6,300**
Sorel Industries Ltd., Sorel	Elec.	1	33	29,000
	Elec.	1	12	12,000
	Elec.	1	4	4,000
Total	–	**3**	–	**45,000**
Sorel Steel Foundries Ltd., Sorel	Elec.	1	1½	5,000
Ontario:				
Algoma Steel Corp. Ltd., Sault St. Marie	O.H.	4	90	300,000
	O.H.	2	330	400,000
	O.H.	2	150	220,000
	O.H.	2	180	280,000
	Oxygen Vessels	2	80	400,000
Total	–	**12**	–	**1,600,000**
Atlas Steels Limited, Welland	Elec.	1	6	7,200
	Elec.	1	10	12,000
	Elec.	2	25	64,000
	Elec.	2	45	86,400
	Elec. (Induct)	1	–	800
Total	–	**7**	–	**170,400**
Burlington Steel Co. Ltd., Hamilton	Elec.	1	7	26,400
Canada Electric Castings Ltd., Orillia	Elec.	2	2	6,000

TABLE 26. Steel Furnaces in Canada, December 31, 1958 — Concluded

	Type	Number of units	Size	Total annual capacity
Ontario — Concluded:				
Dominion Foundries and Steel Ltd., Hamilton	Elec.	2	10	36,000
	Elec.	2	50	140,000
	Elec.	1	2½	9,000
	Oxygen Vessels	3	60	710,000
Total	—	**8**	—	**895,000**
Fahralloy Canada Ltd., Orillia	Elec.	1	½	1,500
	Elec.	1	1½	2,300
	Elec.	1	2	3,100
	Elec.	1	—	300
Total	—	**4**	—	**7,200**
Ford Motor Co. of Canada Ltd., Windsor	Elec.	1	5	10,500
	Elec.	15	4	88,100
	Elec.	1	1	4,400
Total	—	**17**	—	**103,000**
The Indiana Steel Products Co. of Canada Ltd., Kitchener	Elec.	1	¼	800
William Kennedy and Sons Ltd., Owen Sound	Elec.	1	1¾	2,400
	Elec.	1	4	8,000
Total	—	**2**	—	**10,400**
Neelan Steel Limited, Lebel	Elec.	1	3	11,000
Steel Co. of Canada, Hamilton	O.H.	4	112	417,000
	O.H.	5	188	823,000
	O.H.	4	315	1,110,000
Total	—	**13**	—	**2,350,000**
Welland Electric Steel Foundry Ltd., Welland	Elec.	1	2	
	Elec.	1	1	2,500
	Elec.	1	¼	
Total	—	**3**	—	**2,500**
Manitoba:				
Manitoba Rolling Milling Co. Ltd., Selkirk	O.H.	2	20	50,000
	Elec.	1	6	26,000
	Elec.	1	10	38,000
Total	—	**4**	—	**114,000**
Dominion Brake Shoe Co. Ltd., Manitoba Steel Foundry Division, Selkirk	Elec.	1	3	3,000
	Elec.	1	5	4,000
Total	—	**2**	—	**7,000**
Alberta:				
Dominion Bridge Co. Ltd., Calgary	Elec.	1	1½	4,300
Foothills Steel Foundry & Iron Works, Calgary	Elec.	1	1	3,000
Premier Steel Mills Ltd., Edmonton	Elec.	2	12	70,000
British Columbia:				
A-1 Steel & Iron Foundry, Vancouver	Elec.	1	1½	2,000
	Elec.	1	½	2,000
Total	—	**2**	—	**4,000**
Consolidated Mining & Smelting Co. of Canada, Trail	Elec.	1	1	2,500
	Elec.	1	6	6,000
Total	—	**2**	—	**8,500**
Reliance Foundry Co. Ltd., Vancouver	Elec.	1	1½	3,000
	Elec.	1	1½	3,000
Total	—	**2**	—	**6,000**
Vancouver Steel Co. Ltd., Vancouver	Elec.	1	15	43,400
Victoria Machinery Depot Co. Ltd., Victoria	Elec.	2	2	9,000
Canadian Sumner Iron Works Ltd., Vancouver	Elec.	1	1	3,600

TABLE 27. Summary of Steel Furnace Capacity, December 31, 1958

	Number of furnaces	Total annual capacity
		net tons
Basic open-hearth (including oxygen vessels)	39	5,656,000[1]
Electric	86	1,030,200
Converter	1	300
Total	**126**	**6,686,500**
Steel ingots:		
Basic open-hearth (including oxygen vessels)	—	5,607,000
Electric	—	707,200
Total	—	**6,314,200**
Steel castings	—	372,300
Total ingots and castings	—	**6,686,500**

[1] Open-hearth capacity = 4,546,000 tons; oxygen = 1,110,000 tons.

TABLE 28. Summary of Steel Furnace Capacity, by Provinces, December 31, 1954-58

	Total annual capacity				
	1954	1955	1956	1957	1958
	net tons				
Nova Scotia	545,000	653,000	789,500	934,500	933,000
Quebec	238,400	244,900	272,750	340,900	298,000
Ontario	4,219,075	4,380,800	4,502,600	4,771,700	5,182,700
Manitoba	118,000	121,000	121,000	121,000	121,000
Alberta	4,900	39,900	48,100	77,300	77,300
British Columbia	79,300	79,300	79,300	72,700	74,500
Canada	**5,204,675**	**5,518,900**	**5,813,250**	**6,318,100**	**6,686,500**

TABLE 29. World Ingot and Castings Production, by Countries

Source: "Annual Statistical Report" published by the American Iron and Steel Institute, New York, U.S.A.

Country	1954	1955	1956	1957	1958
	thousands of net tons				
United States	88,312	117,036	115,216	112,715	85,255
Canada	3,158	4,500	5,266	5,006	4,329
Mexico	450	580	648	758	887
Argentina	205	240	224	243	257
Brazil	1,276	1,285	1,469	1,703	1,750
Austria	1,822	2,009	2,290	2,766	2,647
Belgium	5,462	6,504	7,033	6,916	6,667
Luxemburg	3,117	3,556	3,808	3,850	3,725
France	11,713	13,872	14,769	15,540	16,165
Saar	3,091	3,489	3,720	3,819	3,836
Italy	4,639	5,945	6,509	7,372	6,967
Netherlands	1,023	1,073	1,159	1,306	1,581
Sweden	2,051	2,369	2,674	2,744	2,669
United Kingdom	20,742	22,313	23,138	24,304	21,920
Spain	1,209	1,336	1,370	1,485	1,632
Yugoslavia	680	888	977	1,157	1,232
Germany — Western	19,219	23,503	25,560	27,015	25,459
Eastern	2,688	2,751	3,020	3,189	3,312
Russia	44,974	50,265	52,910	56,217	59,524
Czechoslovakia	5,096	5,000	5,381	5,694	6,010
Hungary	1,579	1,799	1,570	1,516	1,788
Poland	4,368	4,868	5,526	5,849	6,100
Rumania	829	847	997	941	1,000
Union of South Africa	1,523	1,553	1,770	1,916	2,024
Australia	2,488	2,458	2,916	3,420	3,515
Turkey	186	207	212	193	172
India	1,878	1,910	1,946	1,921	2,003
Japan	8,533	10,370	12,242	13,855	13,131
Other countries	3,368	4,695	6,519	7,163	10,666
Total	**245,678**	**297,222**	**310,840**	**320,575**	**296,222**

Note: See Table 51 for "World Ingot and Castings Production per Capita, by Countries, 1958".

TABLE 30. Products Made in Steel Rolling and Drawing Mills, 1957 and 1958

Product	Total tonnage made	Factory sales: Tonnage sold in Canada or for export	Factory sales: Income from tonnage sold
	net tons	net tons	$
1957			
A. Hot-rolled products			
Semi-finished rolled forms:			
All semi-finished forms intended for further rolling, including blooms, billets, slabs and sheet bars—			
(a) For sale in Canada	[1]	134,768	9,911,013
(b) For export	2,859	6,294	1,242,439
Blooms, billets and axle blanks for forging purposes only, whether for own use or for sale to others including export	156,065	146,407	17,108.405
Rounds or billets for seamless tubes including export			
Total semi-finished rolled forms	–	**287,469**	**28,261,857**
Rails	393,926	383,174	39,978,592
Wire rods, No. 5 gauge to 47/64 inch in diameter (excluding straight lengths over 5/16 inch in diameter)	291,300	292,563[2]	34,408,714
Structural steel shapes:			
Heavy, including sheet piling, beams, angles, channels, tees, zees, etc., having one leg or web of 3" and over, and a thickness of 1/8" and over	265,490	260,541	32,241,778
Light, including light shapes, angles, channels, etc., having a section smaller than that provided under previous item	82,203	81,434	10,582,671
Total structural steel shapes[3,4]	**347,693**	**341,975**	**42,823,449**
Bars:			
Bars, hot-rolled, of all grades and of all sections, including bolt, nut, rivet, spike, chain, horseshoe and other miscellaneous bars but omitting all bars reported immediately below	463,001	424,756	69,986,474
Bars for concrete reinforcing, including twisted and other deformed bars	300,418	294,108	37,404,791
Long angle splice bars, tie plate bars and all other long rail joint bars	102,114	–	–
Total hot-rolled bars[3]	**865,533**	**718,864**	**107,391,265**
Plates	349,626	344,616	45,017,409
Skelp[5] (hot and cold rolled plate, sheets, strip and bars for pipes and tubes)	382,342	384,647	43,123,961
Other hot-rolled sheets and strip including material for further cold reduction and all other hot-rolled forms	1,199,325	325,359	42,917,896
B. Cold-rolled and coated products[5]			
Bars, cold-rolled and cold-drawn	39,266	40,038	13,644,710
Cold-rolled strip	40,514	38,295	11,180,823
Other cold-rolled and coated products, including cold-reduced sheets, black plate for tinning and other black plate, galvanized sheets and strip,[6] tin plate, silicon sheet and strip, but excluding cold-rolled skelp	1,129,206	697,686	118,594,698
C. Other products			
Rail fastenings — Rail joints, including splice bars and fish plates	17,022	16,793	2,502,295
Tie plates	78,555	80,575	10,148,065
Other products made in rolling mills, including horseshoes, grinding balls, washers, forged axles, railway spikes, pressed spikes, etc.	–	–	7,911,913
Total value of production	–	–	**547,905,652**

See footnotes at end of table.

TABLE 30. Products Made in Steel Rolling and Drawing Mills, 1957 and 1958 – Concluded

Product	Total tonnage made	Factory sales: Tonnage sold in Canada or for export	Factory sales: Income from tonnage sold
	net tons	net tons	$
1958			
A. Hot-rolled products			
Semi-finished rolled forms:			
All semi-finished forms intended for further rolling, including blooms, billets, slabs and sheet bars –			
(a) For sale in Canada	[1]	99,791	8,086,691
(b) For export	1,587	1,552	158,472
Blooms, billets and axle blanks for forging purposes only, whether for own use or for sale to others including export	171,217	166,079	20,274,609
Rounds or billets for seamless tubes including export			
Total semi-finished rolled forms	**172,804**	**267,422**	**28,519,772**
Rails	365,429	377,604	41,586,604
Wire rods, No. 5 gauge to 47/64 inch in diameter (excluding straight lengths over 5/16 inch in diameter)	268,848	270,210[2]	30,592,181
Structural steel shapes:			
Heavy, including sheet piling, beams, angles, channels, tees, zees, etc., having one leg or web of 3" and over, and a thickness of 1/8" and over	137,672	146,362	18,604,775
Light, including light shapes, angles, channels, etc., having a section smaller than that provided under previous item	79,465	78,933	10,536,098
Total structural steel shapes[3,4]	**217,137**	**225,295**	**29,140,873**
Bars:			
Bars, hot-rolled, of all grades and of all sections, including bolt, nut, rivet, spike, chain, horseshoe and other miscellaneous bars, but omitting all bars reported immediately below	338,745	299,323	49,798,988
Bars for concrete reinforcing, including twisted and other deformed bars	293,373	285,693	36,416,769
Long angle splice bars, tie plate bars and all other long rail joint bars	72,955	–	–
Total hot-rolled bars[3]	**705,073**	**585,016**	**86,215,757**
Plates (excluding plate for pipes and tubes)	230,309	226,750	30,618,858
Skelp[5] (hot and cold rolled plate, sheets, strip and bars for pipes and tubes)	345,043	339,964	37,918,965
Other hot-rolled sheets and strip including material for further cold reduction and all other hot-rolled forms	1,147,238	250,611	31,780,676
B. Cold-rolled and coated products[5]			
Bars, cold-rolled and cold-drawn	35,826	36,243	11,376,423
Cold-rolled strip	40,853	41,184	11,576,190
Other cold-rolled and coated products, including cold-reduced sheets, black plate for tinning and other black plate, galvanized sheets and strip,[6] tin plate, silicon sheet and strip, but excluding cold-rolled skelp	1,174,823	774,015	133,166,970
C. Other products			
Rail fastenings – Rail joints, including splice bars and fish plates	14,078	14,088	2,066,753
Tie plates	56,118	56,189	7,338,111
Other products made in rolling mills, including horseshoes, grinding balls, washers, forged axles, railway spikes, pressed spikes, etc.	–	–	9,457,650
Total value of production	–	–	**491,355,783**

[1] Not collected separately.
[2] Includes shipments transferred to own fabricating mills of producing firms. These tonnages not included prior to 1954 – see footnote 2 of introductory text.
[3] Not comparable with previous years, as prior to 1951 light structurals were classified under hot-rolled bars.
[4] Includes sheet piling which prior to 1956 was reported under "All other hot-rolled products"; accordingly not comparable with tonnages reported under this category in earlier years; however, data appearing in this bulletin have been revised to accommodate this change in classification – see Tables 32 and 41.
[5] Note that skelp as listed provides for both hot-rolled and cold-rolled material.
[6] Includes the tonnages made in rolling mills only.

TABLE 31. Materials Used for All Purposes in Steel Rolling and Drawing Mills, 1957 and 1958

Materials used	Companies' own make	Purchased	
		Quantity	Total cost at mill of purchased materials used
	net tons (2,000 pounds)		$
1957			
Steel ingots	4,842,188	835	317,000
Steel blooms	67	—	—
Steel billets	110,314	130,740	11,018,295
Steel slabs	—	13,624	1,001,786
Steel bars	10,493	31,369	4,563,695
Wire rods	—	3,856	456,412
Rails, old	—	68,075	4,070,362
Axles, old	—	10,257	536,812
Scrap iron and steel, other	13,007	10,331	433,362
Tin	—	3,121	5,881,943
Zinc spelter	—	12,918	3,253,434
Acids — Chromic	—	59	33,590
Hydrochloric (muriatic)	—	652	30,197
Sulphuric, 100%	—	18,998	495,228
Ammonium chloride (salammoniac)	—	62	10,999
Cleaners (Pennsalt, etc.)	—	636	120,785
Inhibitors (Rodine, etc.)	—	36	7,907
Palm oil	—	282	69,766
Phenone	—	16	37,369
Rolling oils, other	—	1,762	611,652
Salt	—	7	174
Zinc ammonium chloride	—	213	48,136
Refractories	—	—	628,975
Rolls and dies[1]	—	—	4,392,513
Silica sand	—	343	3,237
All other materials and supplies	—	—	15,215,960
Containers and other packaging materials	—	—	1,538,893
Total	—	—	**54,778,482**
1958			
Steel ingots	4,226,714	748	260,000
Steel blooms	35	—	—
Steel billets	88,203	99,891	9,188,880
Steel slabs	—	—	—
Steel bars	5,962	29,282	4,761,853
Wire rods	—	3,074	414,066
Rails, old	—	58,277	2,899,499
Axles, old	—	6,222	314,419
Scrap iron and steel, other	—	414	12,838
Tin	—	1,767	3,267,676
Zinc spelter	—	14,959	3,194,740
Acids — Chromic	—	71	39,849
Hydrochloric (muriatic)	—	707	52,653
Sulphuric, 100%	—	22,987	584,156
Ammonium chloride (salammoniac)	—	42	7,429
Cleaners (Pennsalt, etc.)	—	563	125,377
Inhibitors (Rodine, etc.)	—	10	8,415
Palm oil	—	230	57,426
Phenone	—	14	24,680
Rolling oils, other	—	1,906	662,449
Salt	—	11	268
Zinc ammonium chloride	—	200	45,372
Refractories	—	—	618,520
Rolls and dies[1]	—	—	4,219,111
Silica sand	—	108	1,066
All other materials and supplies	—	—	17,603,187
Containers and other packaging materials	—	—	2,231,895
Total	—	—	**50,595,824**

[1] See footnote 4 of introductory text.

TABLE 32. Net Production[1] in Canada of Hot-rolled Steel Products, 1954-58

Item	1954	1955	1956	1957	1958
	net tons				
Blooms, billets and slabs	93,202	214,615	118,780	158,924	172,804
Rails	241,922	228,991	336,662	393,926	365,429
Bars for rail fastenings	58,315	89,755	120,381	102,114	72,955
Wire rods	275,121	357,775	403,834	291,300	268,848
Structural shapes[2]	193,673	241,698	316,000	347,693	217,137
Bars	470,206	652,739	827,598	763,419	632,118
Plates (excluding plates for pipes and tubes)	201,939	253,640	326,208	349,626	230,309
Sheets, hoops, bands and strips (excluding skelp)	826,648	1,194,556	1,403,974	1,194,670	1,147,238
Other hot-rolled forms (including hot-rolled skelp)	153,745	256,593	346,207	363,032	349,755
Total	**2,514,771**	**3,490,362**	**4,199,644**	**3,964,704**	**3,456,593**

[1] Inter-mill shipments have been excluded.
[2] Revised to include sheet piling which prior to 1956 was included with "Other hot-rolled forms".

TABLE 33. Alloy Steel Products Made and Sold by Rolling Mills, 1957 and 1958

	1957		1958	
	Tonnage made	Tonnage sold	Tonnage made	Tonnage sold
	net tons			
Bars	91,734	77,149	69,661	49,792
Other products, including plates, billets, forgings, sheet piling and wire rods, etc.	159,447	39,795	84,927	56,450[1]
Total alloy steel	**251,181**	**116,964**	**154,588**	**106,242[1]**

[1] Includes alloy grinding balls in 1958 which were excluded in previous years.

TABLE 34. Products Rolled from Axles, etc., 1957 and 1958

	1957		1958	
	Tonnage made	Tonnage sold	Tonnage made	Tonnage sold
	net tons			
Bars	62,640	60,024	45,862	46,789
Other products	4,285	4,000	8,999	8,825
Total	**66,925**	**64,024**	**54,861**	**55,614**

TABLE 35. Pig Iron, Steel Ingots and Castings Shipped for Export by Producers, 1957 and 1958

	1957	1958
	net tons	
Pig iron[1]	444, 004	249, 888
Steel ingots	11, 104	–
Steel castings	39, 854	2, 436

[1] See footnote to Table 11.

TABLE 36. Production and Factory Sales of Steel Rails, 1949-58

Year	Tonnage made	Factory sales	
		Tonnage sold	Income from sales
	net tons		$
1949	329, 749	339, 390	24, 580, 963
1950	286, 672	286, 753	21, 305, 231
1951	257, 244	254, 911	19, 910, 580
1952	253, 675	251, 894	21, 223, 964
1953	303, 318	299, 808	26, 465, 922
1954	241, 922	232, 484	21, 421, 531
1955	228, 991	241, 254	22, 352, 384
1956	336, 662	333, 979	33, 027, 029
1957	393, 926	383, 174	39, 978, 592
1958	365, 429	377, 604	41, 586, 604

TABLE 37. Production and Factory Sales of Finished Rail Fastenings, 1949-58

Year	Tie plates			Fish plates and splice bars		
	Quantity made	Factory sales		Quantity made	Factory sales	
		Quantity	Income from sales		Quantity	Income from sales
	net tons		$	net tons		$
1949	48, 493	48, 343	4, 231, 844	14, 481	14, 267	1, 398, 332
1950	53, 807	53, 510	4, 603, 788	14, 151	13, 912	1, 377, 614
1951	67, 588	66, 783	6, 464, 668	18, 655	18, 577	2, 008, 149
1952	74, 519	73, 605	7, 822, 057	16, 344	15, 803	1, 891, 455
1953	50, 181	50, 202	5, 530, 240	14, 939	14, 159	1, 754, 308
1954	39, 386	38, 027	4, 152, 574	13, 175	12, 786	1, 545, 914
1955	66, 856	67, 683	7, 272, 282	15, 582	16, 812	1, 986, 547
1956	88, 590	86, 592	10, 103, 650	18, 487	18, 675	2, 465, 669
1957	78, 555	80, 575	10, 148, 065	17, 022	16, 793	2, 502, 295
1958	56, 118	56, 189	7. 338, 111	14, 078	14, 088	2, 066, 753

TABLE 38. Production and Factory Sales[1] of Wire Rods of Iron or Steel, 1949-58

Year	Total tonnage made	Factory sales	
		Tonnage sold	Income from sales
	net tons		$
1949	290,863	114,114	7,137,187
1950	293,866	120,429	8,542,496
1951	318,266	122,514	9,695,144
1952	315,789	128,900	10,554,693
1953	286,471	113,095	10,687,946
1954	275,121	274,870	26,848,014
1955	357,775	362,258	33,296,084
1956	403,834	403,602	42,565,418
1957	291,300	292,563	34,408,714
1958	268,848	270,210	30,592,181

[1] Includes shipments transferred to own mills of producing firms in 1954 and subsequent years. These tonnages not included before 1954—see footnote 2 of introductory text.

TABLE 39. Production and Factory Sales of Blooms, Billets and Slabs, 1949-58

Year	Except for forging[1]			For forging[2]		
	Total tonnage made	Factory sales		Total tonnage made	Factory sales	
		Tonnage sold	Income from sales		Tonnage sold	Income from sales
	net tons		$	net tons		$
1949	2,272,987	321,094	18,037,477	82,853	75,830	5,566,209
1950	2,332,336	259,898	16,955,029	114,548	103,007	8,349,232
1951	2,498,536	308,888	21,066,928	147,004	138,446	12,446,727
1952	2,587,942	277,588	22,385,697	141,490	122,165	12,560,467
1953	2,760,518	176,515	14,803,628	110,342	103,471	10,424,976
1954	2,201,222	91,378	6,821,716	72,503	59,539	5,927,220
1955	2,864,919	227,833	16,552,854	77,806	70,813	6,561,780
1956	3,490,564	133,991	9,290,169	113,328	102,978	11,282,967
1957	[3]	141,062	11,153,452	156,065	146,407	17,108,405
1958	[3]	101,343	8,245,163	171,217	166,079	20,274,609

[1] Shipment to other Canadian rolling mills are included.
[2] Includes blanks or pierced billets for seamless tubes.
[3] Not collected since 1957.

TABLE 40. Production and Factory Sales of Hot-rolled Bars[1] of All Kinds, 1949-58

Year	Total tonnage made	Factory sales	
		Tonnage sold	Income from sales
	net tons		$
1949	662,488	532,092	49,414,874
1950	684,934	552,006	56,694,325
1951	763,005	587,160	73,105,972
1952	786,972	600,302	81,124,625
1953	732,275	592,078	75,013,792
1954	528,521	445,519	56,525,130
1955	742,494	621,819	79,841,771
1956	947,979	795,675	112,281,656
1957	865,533	718,864	107,391,265
1958	705,073	585,016	86,215,757

[1] Included light structurals before 1951; therefore data since 1951 are not exactly comparable with previous years.

TABLE 41. Production of Structural Steel Shapes[1] of All Kinds, 1949-58

Year	Total tonnage made	Factory sales	
		Tonnage sold	Income from sales
	net tons		$
1949	191,018	200,278	16,072,896
1950	153,144	151,710	13,377,229
1951	250,362	239,669	23,261,471
1952	231,091	223,071	23,248,170
1953	283,203	273,591	28,725,067
1954	193,673	190,521	20,056,183
1955	241,698	249,762	26,694,977
1956	316,000	315,564	36,361,986
1957	347,693	341,975	42,823,449
1958	217,137	225,295	29,140,873

[1] (a) Includes light structurals since 1951—see footnote to Table 40.
(b) In 1956 this category was revised to include sheet piling. Data in above table for previous years have been revised to accommodate this change in classification.

TABLE 42. Production and Factory Sales of Steel Plate,[1] 1949-58

Year	Total tonnage made	Factory sales	
		Tonnage sold	Income from sales
	net tons		$
1949	178,440	171,653	14,596,604
1950	150,857	146,559	12,640,871
1951	184,707	183,994	17,977,171
1952	234,115	234,799	26,071,334
1953	221,818	220,539	23,136,938
1954	201,939	201,524	20,568,611
1955	253,640	251,870	26,162,331
1956	326,208	319,666	36,936,163
1957	349,626	344,616	45,017,409
1958	230,309	226,750	30,618,858

[1] Excludes plate for pipes and tubes.

TABLE 43. Imports of Primary Forms of Iron and Steel, 1958

Commodity	Country of origin	Carbon	Alloy	Stainless
		tons (2,000 pounds)		
Pig iron:				
Basic	United States	58	–	–
Foundry	United States	780	–	–
	United Kingdom	202	–	–
	Australia	142	–	–
	Spain	14,501	–	–
	USSR (Russia)	4,194	–	–
Malleable	United States	228	–	–
Silvery	United States	303	–	–
Ingots	United States	881	152	65.1
Billets, blooms, slabs and sheet bars	United States	1,566	675	616.3
	France	–	7	–
Bars and sections:				
Hot rolled, n.o.p.	United States	29,697	7,228	112.0
	United Kingdom	1,764	496	125.9
	Belgium	9,967	–	–
	France	1,184	–	–
	Germany	1,732	56	–
	Japan	360	–	–
	Sweden	3	–	9.2
Hot rolled:				
For agricultural implements	United States	11,493	477	–
	Belgium	9	–	–
Rounds over 4⅞", squares over 4"	United States	1,229	87	1.1
	United Kingdom	359	16	9.1
Concrete reinforcing bars	United States	4,090	–	–
	Belgium	37,678	–	–
	France	14,220	–	–
	Germany	6,761	–	–
	Japan	5,261	–	–
Sash or casement sections	United States	2,370	–	–
	United Kingdom	229	–	–
	Belgium	26	–	–
Cold finished, n.o.p.	United States	2,372	2,207	157.0
	United Kingdom	2,779	8	68.8
	Belgium	155	–	–
	Germany	1	206	–
	Sweden	–	–	5.7
Cold finished, for agricultural implements	United States	1,236	47	–
Tool steel	United States	501	1,308	–
	United Kingdom	285	510	–
	Austria	19	52	–
	France	–	1	–
	Germany	–	12	–
	Sweden	65	113	–
Structurals:				
W.F. beams, 8" and over	United States	164,539	–	–
	United Kingdom	8,388	–	–
	Belgium	10,583	–	–
	France	67	–	–
	Germany	32	–	–
W.F. beams, under 8"	United States	8,301	–	–
	United Kingdom	45	–	–
	Belgium	677	–	–
Sheet piling	United States	5,679	–	–
	United Kingdom	815	–	–
	Belgim	2,068	–	–
	France	1,515	–	–
	Germany	446	–	–
All other	United States	33,070	–	–
	United Kingdom	2,411	–	–
	Belgium	13,470	–	–
	France	3,703	–	–
	Germany	454	–	–
	Japan	50	–	–
	Norway	18	–	–

TABLE 43. Imports of Primary Forms of Iron and Steel, 1958 — Continued

Commodity	Country of origin	Carbon	Alloy	Stainless
		tons (2,000 pounds)		
Structurals — Concluded:				
Bar size angles, channels, etc.	United States	7,175	21	61.4
	United Kingdom	142	—	.3
	Belgium	13,534	—	—
	France	1,188	—	—
	Germany	2,233	—	—
	Japan	68	—	—
	Norway	148	—	—
	Sweden	—	—	8.7
For agricultural implements	United States	2,356	—	—
	Belgium	14	—	—
Plates:				
78" and under in width	United States	42,481	796	482.7
	United Kingdom	9,857	40	111.7
	Australia	31	—	—
	Belgium	1,785	—	—
	France	825	—	—
	Germany	2,027	—	—
	Japan	6,759	—	—
	Sweden	—	—	.5
Over 78" and under 100" in width	United States	44,618	2,400	197.6
	United Kingdom	4,903	48	2.5
	Germany	500	—	—
	Japan	3,433	—	—
100" in width and over	United States	13,549	352	53.4
	United Kingdom	2,094	—	—
Flanged, dished or curved	United States	1,837	4	43.9
	United Kingdom	—	—	1.7
Boiler, pulp-mill digesters	United States	735	—	—
	United Kingdom	50	—	—
Chequered or surface pattern	United States	11,857	—	—
	United Kingdom	326	—	—
Sheets:				
Silicon .075 or more	United States	—	10,980	—
	United Kingdom	—	60	—
Galvanized	United States	14,784	—	—
	United Kingdom	622	—	—
	Japan	600	—	—
Corrugated	United States	8,033	—	—
	United Kingdom	102	—	—
For tubes	United States	574	—	—
Hot rolled:				
18 gauge and heavier	United States	56,276	304	102.5
	United Kingdom	730	—	836.9
	Belgium	418	—	—
	Germany	48	—	—
	Japan	1,096	—	—
	Sweden	—	—	199.1
Lighter than 18 gauge	United States	132	9	3.3
	United Kingdom	18	—	250.6
Cold rolled:				
18 gauge and heavier	United States	11,617	10	657.8
	United Kingdom	1,000	—	558.2
	Japan	10	—	—
	Sweden	—	—	13.5
Lighter than 18 gauge	United States	30,509	—	1,469.5
	United Kingdom	2,469	—	345.2
	France	—	—	67.5
	Japan	86	—	—
	Sweden	—	—	7.6
For motor vehicles	United States	14,611	—	—
For hollow-ware (vitreous enamel)	United States	16,425	—	—
	United Kingdom	224	—	—
Coated with paint, tar, asphaltum, etc.	United States	1,988	—	—
	United Kingdom	21	—	—

TABLE 43. Imports of Primary Forms of Iron and Steel, 1958 – Continued

Commodity	Country of origin	Carbon	Alloy	Stainless
		tons (2,000 pounds)		
Sheets – Concluded:				
Cold rolled – Concluded:				
For saws	United States	30	301	–
	United Kingdom	–	19	–
	Sweden	–	6	–
Wasters and rejects	United States	18,657	–	–
	United Kingdom	4,207	–	–
Tin mill black plate	United States	811	–	–
Tin plate – Primes	United States	1,368	–	–
	United Kingdom	195	–	–
Tin plate – Electrolytic coating	United States	1,021	–	–
	United Kingdom	3,566	–	–
Tin plate wasters and seconds	United States	256	–	–
Terne plate – Long	United States	5,768	–	–
Short	United States	162	–	–
Strip:				
Hot rolled:				
18 gauge and heavier	United States	6,099	73	2.7
	United Kingdom	465	–	3.6
	Belgium	2,271	–	–
	France	163	–	–
	Germany	89	–	–
	Japan	17	–	–
	Netherlands	2	–	–
Lighter than 18 gauge	United States	1,140	3	1.6
	Belgium	10	–	–
Cold rolled:				
18 gauge and heavier	United States	1,160	49	308.8
	United Kingdom	83	–	–
	Sweden	1	–	–
Lighter than 18 gauge	United States	2,524	49	742.2
	United Kingdom	495	–	.6
	Belgium	17	–	–
	Germany	36	–	–
	Netherlands	1	–	–
	Sweden	239	24	4.1
Hot rolled strip for cold rolling	United States	116	–	–
For saws	United States	95	502	–
	United Kingdom	–	15	–
	Sweden	–	80	–
For tubular products	United States	10	–	–
For shoe and corset laces, buckles, ball bearing, etc.	United States	209	–	–
	United Kingdom	3	–	–
	Germany	5	–	–
For motor vehicles	United States	925	–	–
For hoops	United States	467	–	–
	United Kingdom	125	–	–
	Belgium	195	–	–
Coated or covered with paint, tar, asphaltum, etc.	United States	6,810	–	–
	United Kingdom	37	–	–
	Germany	66	–	–
For butts and hinges	United States	32	–	–
Hoop band or strip, galvanized	United States	3,125	–	–
	United Kingdom	74	–	–
	Belgium	6	–	–
Silicon, .075 or more	United States	–	6,069	–
	United Kingdom	–	1	–
Skelp:				
12" and under in width	United States	23,911	–	–
	United Kingdom	569	–	–
Over 12" in width	United States	9,338	–	–
Plate for pipe	United States	35,215	–	–
	Germany	121	–	–

TABLE 43. Imports of Primary Forms of Iron and Steel, 1958 — Continued

Commodity	Country of origin	Carbon	Alloy	Stainless
		tons (2,000 pounds)		
Pipes and tubes:				
Spiral weld pipe	United States	2,034	—	—
For bedstead	United States	3	—	—
	Germany	28	—	—
Cast	United States	1,612	—	—
	United Kingdom	15,085	—	—
Repair of pressure parts of boilers:				
Seamless, hot finished	United States	2,123	609	1.9
	United Kingdom	508	—	—
	Germany	8	—	—
Seamless, cold drawn	United States	279	109	2.4
	United Kingdom	1,009	9	—
	Germany	99	—	—
	Sweden	1	—	—
Welded	United States	240	—	—
	United Kingdom	965	—	—
	Switzerland	753	—	—
Seamless, 12" and under in diameter:				
Cold drawn	United States	4,199	978	181.0
	United Kingdom	1,187	38	143.0
	Germany	184	80	—
	Italy	3	—	—
	Sweden	59	257	54.0
Hot finished	United States	4,072	2,810	3.0
	United Kingdom	4,771	603	—
	Germany	4	37	—
	Sweden	—	96	—
Seamless, over 12" in diameter:				
Hot finished	United States	4,049	49	.4
	United Kingdom	9,228	—	—
Welded 4" and under in diameter	United States	10,126	—	76.2
	United Kingdom	4,522	—	24.9
	Belgium	1,288	—	—
	France	975	—	—
	Germany	2,104	—	—
	Japan	70	—	—
	Netherlands	1,572	—	—
	Sweden	4	—	—
Welded over 4" in diameter	United States	181,400	4	23.6
	United Kingdom	69,612	—	—
Conduit	United States	547	—	—
Casing	United States	19,481	—	—
	United Kingdom	9,567	—	—
	France	299	—	—
	Germany	2,967	—	—
	Italy	4,419	—	—
	Japan	6,344	—	—
Tubing:				
Not over ½" diameter, welded and coated	United States	485	—	—
Wire products:				
Wire rope	United States	429	—	8.9
	United Kingdom	2,693	—	1.4
	Belgium	150	—	—
	Denmark	67	—	.4
	Germany	878	—	1.0
	Japan	214	—	—
	Netherlands	880	—	—
	Norway	5	—	—
	Sweden	4	—	—
Wire:				
For wire rope	United States	929	—	—
	United Kingdom	12,009	—	.5
	Belgium	38	—	—
	France	35	—	—
	Germany	1,446	—	—
	Japan	42	—	—

TABLE 43. Imports of Primary Forms of Iron and Steel 1958 — Concluded

Commodity	Country of origin	Carbon	Alloy	Stainless
		tons (2,000 pounds)		
Wire products — Concluded:				
Wire — Concluded:				
For springs, cushions, mattresses, etc.	United States	1,443	—	—
	United Kingdom	75	—	—
	Germany	1	—	—
For corset clasps, dress stays, etc.	United States	56	—	—
	United Kingdom	31	—	—
	Germany	10	—	—
Coated or covered	United States	2,344	—	1.5
	United Kingdom	887	—	.2
	Belgium	106	—	—
	France	121	—	—
	Germany	100	—	—
	Japan	181	—	—
	Netherlands	44	—	—
For fencing (galvanized)	United Kingdom	1,111	—	—
	France	22	—	—
	Germany	212	—	—
	Japan	50	—	—
All other	United States	5,965	218	117.6
	United Kingdom	1,990	22	13.9
	Austria	8	—	—
	Belgium	1,215	—	—
	Denmark	2	—	—
	France	897	—	—
	Germany	397	—	—
	Japan	662	—	—
	Netherlands	50	—	—
	Sweden	59	—	21.7
Welding rods	United States	3,827	846	273.5
Welding wire in coils	United States	945	96	14.1
Wire rods not over 3/8" in diameter	United States	14,764	128	—
	United Kingdom	13,979	—	—
	Belgium	5,631	—	—
	Chile	455	—	—
	France	9,067	—	—
	Germany	8,478	—	—
	Japan	7	—	—
	Norway	2,225	—	—
Axles — For railway vehicles	United States	65	—	—
	United Kingdom	2	—	—
Tires — For railway rolling stock	United States	144	—	—
	United Kingdom	65	—	—
Wheels — For railway rolling stock	United States	415	—	—
	United Kingdom	16,866	—	—
Rails:				
60 lb. and under	United States	4,901	—	—
	Belgium	75	—	—
	Germany	186	—	—
	Netherlands	52	—	—
Over 60 lb. and including 100 lb.	United States	1,872	—	—
	United Kingdom	3	—	—
Over 100 lb.	United States	3,989	—	—
Track material:				
Fish plates, angle bars, etc.	United States	5,493	—	—
	United Kingdom	464	—	—
	Belgium	2	—	—
	Germany	139	—	—
	Netherlands	40	—	—
Switch points, etc.	United States	160	—	—
	United Kingdom	41	—	—
Total imports		**1,384,751**	**42,862**	**8,675.0**

Note: Imports reported in Table 43 for Belgium include Luxembourg.

TABLE 44. Exports of Primary Iron and Steel, 1958

Commodity	Total tonnage
	tons (2,000 pounds)
Pig iron[1]	333,560
Ingots, blooms and billets	58,508
Bars	4,670
Rods	1,523
Plates, sheets and strips	47,080
Rails	154,155
Structural shapes	9,535
Pipe and tubing:	
Wrought iron	2,065
Cast iron	8,311
Galvanized	331
Other	22,724
Castings, iron and steel	6,902
Forgings	2,634
Total	**651,998**

[1] See footnote to Table 11.

TABLE 45. Principal Statistics of the Primary Iron and Steel Industry, Grouped According to Size of Establishment, 1957 and 1958

Establishments reporting a value of factory shipments	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number		dollars			
1957						
Under $10,000	1	32	120,433	12,405	135,268	384,363
$100,000 to $199,999	3					
$200,000 to $499,999	7	321	1,247,645	104,839	689,850	2,286,935
$500,000 to $999,999	5	388	1,557,269	175,899	1,120,125	3,218,736
$1,000,000 to $4,999,999	21	3,397	13,874,600	2,752,603	25,370,980	53,876,853
$5,000,000 and over	14	31,793	153,884,082	33,709,516	302,266,161	644,798,904
Head offices	—	13	95,317	—	—	—
Total	**51**	**35,944**	**170,779,346**	**36,755,262**	**329,582,384**	**704,565,791**
1958						
Under $10,000	1	69	233,722	20,543	108,985	207,005
$100,000 to $199,999	2					
$200,000 to $499,999	9	296	1,251,590	191,821	909,266	2,738,280
$500,000 to $999,999	6	559	2,312,758	222,708	1,281,587	4,315,510
$1,000,000 to $4,999,999	20	2,949	11,938,244	2,797,352	21,383,404	49,732,080
$5,000,000 and over	12	26,375	132,190,523	25,673,144	226,986,296	533,324,821
Head offices	—	13	96,225	—	—	—
Total	**50**	**30,261**	**148,023,062**	**28,905,568**	**250,669,538**	**590,317,696**

TABLE 46. Employees and Earnings in the Primary Iron and Steel Industry, by Provinces, 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								
Nova Scotia	450	46	4,083	—	4,579	2,487,287	16,215,312	18,702,599
Quebec	639	135	3,847	—	4,621	3,853,159	15,579,731	19,432,890
Ontario	3,025	973	20,943	191	25,132	23,949,809	102,104,433	126,054,242
Manitoba, Alberta, British Columbia	189	22	1,401	—	1,612	1,065,527	5,524,088	6,589,615
Canada	**4,303**	**1,176**	**30,274**	**191**	**35,944**	**31,355,782**	**139,423,564**	**170,779,346**
1958								
Nova Scotia	412	43	3,544	—	3,999	2,621,345	14,415,641	17,036,986
Quebec	594	120	2,846	—	3,560	3,697,799	11,496,374	15,194,173
Ontario	3,067	908	17,102	172	21,249	25,130,741	84,455,013	109,585,754
Manitoba, Alberta, British Columbia	193	24	1,236	—	1,453	1,169,671	5,036,478	6,206,149
Canada	**4,266**	**1,095**	**24,728**	**172**	**30,261**	**32,619,556**	**115,403,506**	**148,023,062**

TABLE 47. Production Workers, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January	31,105	199	31,304	25,985	186	26,171
February	31,256	197	31,453	26,093	185	26,278
March	31,250	195	31,445	26,149	178	26,327
April	31,621	205	31,826	26,286	190	26,476
May	31,720	203	31,923	26,106	187	26,293
June	31,538	185	31,723	26,551	184	26,735
July	31,376	199	31,575	26,789	189	26,978
August	30,802	201	31,003	20,275	142	20,417
September	29,725	198	29,923	19,795	132	19,927
October	28,831	173	29,004	19,830	133	19,963
November	27,634	171	27,805	26,683	173	26,856
December	26,422	169	26,591	26,223	185	26,408
Average	**30,274**	**191**	**30,465**	**24,728**	**172**	**24,900**

TABLE 48. Capital and Repair Expenditures in the Primary Iron and Steel Industry, 1954-58

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						
1954	6,239	27,300	33,539	5,167	31,566	36,733	70,272
1955	6,615	27,930	34,545	5,170	42,966	48,136	82,681
1956	7,613	54,083	61,696	6,531	56,215	62,746	124,442
1957	14,366	56,648	71,014	7,011	62,243	69,254	140,268
1958[1]	17,464	42,139	59,603	5,593	44,630	50,223	109,826

[1] Preliminary.

TABLE 49. Fuel and Electricity Used[1] in the Primary Iron and Steel Industry, 1957 and 1958

Kind		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			$		$
Bituminous coal — Canadian	ton	70,369	708,193	49,223	519,923
Imported	"	28,148	316,113	34,692	377,730
Anthracite coal	"	—	—	—	—
Lignite coal	"	—	—	—	—
Coke	"	49,258	283,319	30,651	209,117
Gasoline	Imp. gal.	641,541	189,514	421,997	126,167
Kerosene	"	33,051	8,092	95,901,390	8,833,352
Fuel oil	"	119,046,268	13,022,772		
Wood	cord	136	1,902	76	892
Gas — Liquefied petroleum gases	Imp. gal.	12,267	2,384	9,986	2,161
Other manufactured gas[1]	M cu. ft.	29,767,793	8,316,842	23,573,689	7,095,091
Natural	"	1,596,146	925,630	1,932,825	1,157,565
Other fuel	—	—	124,636	—	257,466
Electricity purchased	kwh.	2,393,674,093	12,855,865	1,716,472,905	10,326,104
Total	—	—	**36,755,262**	—	**28,905,568**
Electricity generated for own use	kwh.	159,960,374	—	85,874,309	—

[1] Does not include blast furnace gas made for own use.

TABLE 50. Total Horsepower Rating of Power Equipment in Use or Available for Use at End of 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
A. Prime movers		
1. Steam engines	361	1,849
2. Steam turbines	9,960	116,922
3. Diesel engines	300	5,641
4. Gasoline, gas and oil engines, other than diesel engines	30	17,123
5. Hydraulic turbines or water wheels	—	—
Total	**10,651**	**141,535**
B. Electric motors (one-quarter horsepower and over)	—	751,643

TABLE 51. World Ingot and Castings Production, Per Capita, by Countries, 1958

(Based on data in Table 29 and U.N. population statistics)

Country	Population mid-year 1958 est.	Production per capita
	'000	pounds
United States	174,231	979
Canada	17,048	508
Mexico	32,348	55
Argentina	20,256	25
Brazil	62,725	56
Austria	7,021	754
Belgium and Luxemburg	9,373	2,216
France	44,500	727
Italy	48,739	285
Netherlands	11,173	283
Sweden	7,415	720
United Kingdom	51,870	845
Spain	29,662	110
Yugoslavia	18,397	134

TABLE 51. World Ingot and Castings Production, per Capita, by Countries, 1958 — Concluded

Country	Population mid-year 1958 est.	Production per capita
	'000	pounds
Germany — Western[1]	54,380	1,077
Eastern[2]	17,363	382
Russia	208,826	570
Czechoslovakia	13,469	892
Hungary	9,857	363
Poland	28,783	424
Rumania	18,059	111
Union of South Africa	14,418	281
Australia	9,846	714
Turkey	25,932	13
India	397,540	10
Japan	91,760	286

[1] Includes West Berlin and Saar.
[2] Includes East Berlin.

Directory of Firms in the Primary Iron and Steel Industry, 1958

Name of firm	Location of plant
(a) Pig Iron:	
Dominion Steel & Coal Corporation Limited, Dominion Iron & Steel Division	Sydney, Nova Scotia
Algoma Steel Corporation, Limited	Sault Ste, Marie, Ontario
Canadian Furnace Co. Limited	Port Colborne, Ontario
Dominion Foundries & Steel, Limited	Depew St., Hamilton, Ontario
Steel Company of Canada, Limited	Hamilton, Ontario
(b) Ferro-alloys:[1]	
Chromium Mining & Smelting Corporation, Limited	Sault Ste. Marie, Ontario
Electro Metallurgical Company, Division of Union Carbide Canada Ltd.	Welland, Ontario; Beauharnois, Quebec
Electro-Reagents (Quebec) Limited	Beauharnois, Quebec
(c) Steel ingots and steel castings:	
Maritime Steel Foundries, Limited	379 Glasgow St., New Glasgow, Nova Scotia
Dominion Steel & Coal Corporation Limited, Dominion Iron & Steel Division	Sydney, Nova Scotia
Canadian Unitcast-Steel, Ltd.	455 Belvedere St., Sherbrooke, Quebec
Canadian Steel Foundries Limited	5227 Notre Dame St. E, Montreal, 5, Quebec
Canadian Tube & Steel Products, Limited	5870 St. Patrick St., Montreal, Quebec
Dominion Brake Shoe Company, Limited	Laval St., Joliette, Quebec
Dominion Engineering Works Limited	Lachine, Quebec
Eastern Electro-Castings Co. Ltd.	Lachine, Quebec
Griffin Steel Foundries Ltd.	St. Hyacinthe, Quebec
La Compagnie F.X. Drolet	206, rue du Pont, Québec, Québec
Lynn MacLeod Metallurgy Limited	Blvd. Smith, Thetford Mines, Quebec
Manganese Steel Castings, Limited	104 Abenaquis St., Sherbrooke, Quebec

[1] Not including the firms which made ferro-alloys as a secondary product.

Directory of Firms in the Primary Iron and Steel Industry, 1958 — Concluded

Name of firm	Location of plant
(c) Steel ingots and steel castings — Concluded:	
Shawinigan Chemicals, Limited	Shawinigan Falls, Quebec
Sorel Industries Ltd.	Sorel, Quebec
Sorel Steel Foundries, Limited	160 Du Roi, Sorel, Quebec
Algoma Steel Corporation, Limited	Sault Ste. Marie, Ontario
Atlas Steels, Limited	East Main St., Welland, Ontario
Burlington Steel Company, Limited	Sherman Avenue North, Hamilton, Ontario
Canada Electric Castings, Limited	West St., S, Orillia, Ontario
Dominion Foundries & Steel, Limited	Depew St., Hamilton, Ontario
Fahralloy, Canada Limited	Wyandotte St., Orillia, Ontario
Ford Motor Company of Canada, Limited	Windsor, Ontario
Indiana Steel Products Co. of Canada, Ltd., The	Kitchener, Ontario
Kennedy & Sons, Limited, The Wm.	First Avenue West, Owen Sound, Ontario
Neelon Steel Limited	Lebel, Ontario
Steel Company of Canada, Limited	Wilcox St., Hamilton, Ontario
Welland Electric Steel Foundry Limited	123 Victoria St., Welland, Ontario
Dominion Brake Shoe Company Limited, Manitoba Steel Foundry Division	Selkirk, Manitoba
Dominion Bridge Co. Ltd.	P.O. Box 430, Calgary, Alberta
Foothills Steel Foundry & Iron Works Ltd.	66th Ave. & Centre St. S., Calgary, Alberta
Premier Steel Mills Ltd.	Edmonton, Alberta
Canadian Sumner Iron Works, Limited	East Broadway, Vancouver, British Columbia
Consolidated Mining & Smelting Company of Canada, Limited	Tadanac, British Columbia
Reliance Foundry Company, Limited	149 Fourth Avenue West, Vancouver, British Columbia
A-1 Steel & Iron Foundry Ltd	29 West 3rd Ave., Vancouver, British Columbia
Victoria Machinery Depot Co. Ltd.	343 Bay St., Victoria, British Columbia
Vancouver Steel Co. Ltd.	Burnaby, British Columbia
(d) Hot-rolled iron and steel:	
Enamel & Heating Products Ltd.	Amherst, Nova Scotia
Dominion Steel & Coal Corporation Limited, Dominion Iron & Steel Division	Sydney, Nova Scotia
Canadian Tube & Steel Products, Limited	5870 St. Patrick St., Montreal, Quebec
Steel Company of Canada, Limited	2320 Notre Dame St. W., Montreal, Quebec
Algoma Steel Corporation, Limited	Sault Ste. Marie, Ontario
Atlas Steels, Limited	Welland, Ontario
Burlington Steel Company, Limited	Sherman Ave. North, Hamilton, Ontario
Dominion Foundries & Steel, Limited	Depew Street, Hamilton, Ontario
Steel Company of Canada, Limited	Wilcox Street, Hamilton, Ontario
Vanadium Alloys Steel Canada Limited	London, Ontario
Manitoba Rolling Mill Company, Limited	Selkirk, Manitoba
Premier Steel Mills Ltd.	Edmonton, Alberta
Vancouver Rolling Mills Ltd.	Vancouver, British Columbia
(e) Cold-rolled steel:	
Stanley Steel Company, Limited	57 Gerrard St., Hamilton, Ontario
(f) Cold-drawn steel:	
Canadian Drawn Steel Company, Limited	Gerrard St., Hamilton, Ontario
Union Drawn Steel Company, Limited	Burlington St. E., Hamilton, Ontario

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